
Net Zero Cloud Developer Guide

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CHAPTER 1 Introduction to Net Zero Cloud

Gain critical insights into your environmental, social, and governance data by using Salesforce Net Zero Cloud. Net Zero Cloud facilitates collaboration, project management, and reporting by harnessing the capabilities offered by the Salesforce Platform-based tools.

Net Zero Cloud offers these key features.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

Carbon Accounting

- Collect, categorize, analyze, and report energy usage data for all business activities of your organization from various sources, such as business travel, electricity, third-party freight hauling, or direct fuel use.
- Automate carbon inventory calculations based on preloaded reference datasets with ready-to-use emissions factors. Examples include datasets from the US Environmental Protection Agency (EPA), the UK Department for Business, Energy & Industrial Strategy (BEIS), the International Energy Agency (IEA), and the Intergovernmental Panel on Climate Change (IPCC).
- Evaluate your value chain emissions from suppliers and consumers, and convert spending data into emissions estimates. Measure scope 3 emissions from suppliers and consumers in the value chain, and identify suppliers that have a high impact on total emissions.
- Build and view your carbon footprints, spanning scope 1, 2, and 3 emissions and extract key insights that drive your climate-conscious decisions.
- Perform carbon accounting across complex organizational structures, such as subsidiaries of the parent company or joint venture. The parent company can consolidate the greenhouse gas emissions within its organizational structure, for effective greenhouse gas management and reporting.
- Allow your parent company to apportion emissions more accurately in the parent inventory by allocating a percentage of emissions from their partially-owned subsidiaries or partners in their company hierarchy to the parent company.

Waste and Water Management

- Incorporate waste management data to estimate emissions from waste generated during operations and from product end-of-life disposal.
- Create the water usage data of stationary assets and the water usage data of your suppliers, to calculate water footprints.

Climate Action Dashboards

- Evaluate corporate environmental impact with data visualizations and prebuilt CRM Analytics dashboards.
- Use the dashboards in the Net Zero Analytics app to analyze your scope 1, scope 2, and scope 3 emissions data and take measures to reduce your carbon footprint. The Net Zero Cloud Analytics dashboards are available only for Salesforce Net Zero Cloud users with CRM Analytics for Net Zero Cloud add-on license.
- Get predictions about your company's carbon emissions from air travel. Reduce your company's carbon emissions by analyzing air travel emission patterns and reviewing rule-based recommendations to decrease the emissions.
- Decrease your company's carbon footprint by predicting the carbon emissions and fuel consumption of your stationary assets for a specific year. Show predicted data in the stationary asset environmental source record pages by embedding dashboards.
- Reduce your company's carbon emissions by analyzing the predictions of the supply chain emissions.
- Analyze and compare the energy intensity of your office buildings with similar buildings using Commercial Buildings Energy Consumption Survey (CBECS) data and emissions from each office.

What-If Analysis and Emissions Forecasting

- Create climate action commitments and set science-based targets that align with your sustainability goals.
- Track supplier sustainability commitments and emissions using scorecards to easily identify suppliers that don't yet have a science-based target.
- Estimate future emissions by activity type and compare the forecasted values against your targets.
- Experiment with different scenarios to visualize how planned or potential sustainability measures affect your emissions forecast. Monitor your progress towards net zero using Emission Forecasts and What-If Analysis dashboard.

Carbon Credit Allocation

- Allocate and manage your carbon credits with a consolidated view of your purchase history, scope-wise allocations, and utilization.

Social and Governance Reporting

- Enter, extract, and report quantitative disclosures in social and governance reports.
- Generate consolidated social and governance data reports for extended organizational boundaries, such as subsidiaries of the parent company or external partners within a single organization.

Disclosure and Compliance Hub for ESG Reporting

- Generate disclosures by gathering qualitative and quantitative responses to questionnaires by using the Disclosure and Compliance Hub. You can create formatted disclosures using a guided process to extract data from Salesforce objects and other data sources. You can store the reusable data from reporting standards' templates that have questions that are similar in a document clause library.
- Create disclosures that your company shares with your external shareholders by using the disclosures template for CDP, GRI, Sustainability Accounting Standards Board (SASB), and European Sustainability Reporting Standards (ESRS) standards implemented on Net Zero Cloud Disclosure and Compliance Hub. You can include the disclosures report in your GRI, CDP, SASB, or ESRS report.

Employee Dashboard

- Analyze and visualize workforce data to detect employee information gaps, identify trends, and spot opportunities to improve employee policies by using Employee Analytics.

Collaboration Through Data Upload

- Download and use CSV templates to upload data obtained through collaboration for carbon accounting, waste footprints, water management, or social and governance objects into Net Zero Cloud. The CSV template file is formatted for the selected object, in which you can add the data and upload it to Received Documents for processing.

CHAPTER 2 Net Zero Cloud Standard Objects

In this chapter ...

- [Net Zero Cloud Overview](#)
- [AirTravelEmssnFctr](#)
- [AirTravelEnrgyUse](#)
- [AntiCorruptionInitSum](#)
- [AnnualEmssnInventory](#)
- [AnnualEmssnRdchTarget](#)
- [AsmtQstn/MaterialityTpc](#)
- [BldgEnrgyIntensity](#)
- [BldgEnrgyIntensityVal](#)
- [BldgSizeCategory](#)
- [CleanEnergyProject](#)
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- [CrbnCreditAlloc](#)
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- [CrbnCreditProject](#)
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- [CrbnEmssnScopeAllocVal](#)
- [DocClauseSetAsmtQstn](#)
- [Disclosure](#)
- [DisclosureDefinition](#)
- [DisclosureDefinitionVersion](#)
- [DisclosureType](#)
- [DisclsReportingPeriod](#)
- [DivrsEquityInclSum](#)
- [EconomicPerformanceSum](#)
- [ElectricityEmssnFctrSet](#)
- [EmissionsActivity](#)
- [EmissionsAllocation](#)
- [EmissionsForecastFact](#)
- [EmplyrCompensationSummary](#)

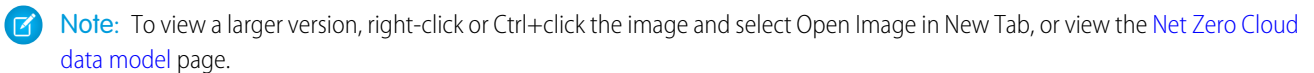
The Net Zero Cloud data model provides objects and fields to calculate and manage carbon footprints for your organization.

Use the objects to manage emissions factors, energy use, and scope 3 procurement.

- EmpBenefitSummary
- EmployeeDevelopmentSum
- EmployeeDemographicSum
- EmssnRdctnCommitment
- EmssnReductionTarget
- EnergyAttrCertCredit
- EnergyAttrCertPurchase
- EnergyAttrCreditDstr
- EnvironmentalRisk
- FrgtHaulingEmssnFctr
- FrgtHaulingEnrgyUse
- FuelType
- FuelTypeSustnUom
- GeneratedWaste
- GovtFinancialAsstSum
- GroundTravelEmssnFctr
- GroundTravelEnrgyUse
- InLibraryExtendDocument
- HotelStayEmssnFctr
- HotelStayEnrgyUse
- ImpactRiskOpportunity
- ImpactRiskOpportunityScore
- ImpactRiskOpportunityTopic
- ImpactRiskOppAssessment
- ImpactRiskOppAssessmentTopic
- InflationRate
- ManagedCareProgramPrfm
- MaterialityAssessment
- MaterialityMatrixScore
- MaterialityStakeholder
- MaterialityStkhldrCatg
- MaterialityTopic
- MaterialityTopicDocClauseSet
- MaterialityTopicQstn
- MaterialityTopicReference
- MonthlyUsageTkgDataGap
- OrgIncidentSummary
- OtherEmssnFctrSet
- OtherEmssnFctrSetItem
- PcmfEmssnFctrSet
- PcmfEmssnFctrSetItem
- ProductEmissionsFactor

- ProgramInitiative
- ProgramInitiativeEnrl
- ReferenceDataLoadLog
- RefrigerantEmssnFctr
- RentalCarEmssnFctr
- RentalCarEnrgyUse
- Scope3CrbnFtprnt
- Scope3EmssnSrc
- Scope3PcmtItem
- Scope3PcmtSummary
- SearchableReferenceDocument
- StnryAssetAnnualFact
- StnryAssetCrbnFtprnt
- StnryAssetCrbnFtprntItem
- StnryAssetEnrgyUse
- StnryAssetEnvrSrc
- StnryAssetWaterActvty
- StnryAssetWaterFtprnt
- StnryAssetWtrFtprntItem
- SocialContributionSum
- Supplier
- SupplierProduct
- SustainabilityCredit
- SustainabilityPurchase
- SustainabilityScorecard
- SustainabilityStakeholder
- SustainabilityTask
- SustainabilityTaskGroup
- SustainabilityUom
- SustnUomConversion
- TaxDisclosureSummary
- VehicleAssetCrbnFtprnt
- VehicleAssetEmssnSrc
- VehicleAssetEnrgyUse
- WasteFootprint
- WasteFootprintItem
- WstDispoEmssnFctrSet
- WstDispoEmssnFctrSetItem
- YearlyUsageTrkgDataGap

Learn about the objects and relationships within the Net Zero Cloud data model.



AirTravelEmssnFctr

Represents the emissions factors for scope 3 commercial air travel. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Ch4PsgrKmLongHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions per passenger-kilometer in CO2e from long-haul flights.
Ch4PsgrKmMediumHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions per passenger-kilometer in CO2e from medium-haul flights.
Ch4PsgrKmShortHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions per passenger-kilometer in CO2e from short-haul flights.
Ch4PsgrMileLongHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions per passenger-mile in CO2e from long-haul flights.
Ch4PsgrMileMediumHaulInKgCo2e	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions per passenger-mile in CO2e from medium-haul flights.
Ch4PsgrMileShortHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions per passenger-mile in CO2e from short-haul flights.
Co2PsgrKmLongHaulInKg	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions per passenger-kilometer from long-haul flights.
Co2PsgrKmMediumHaulInKg	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions per passenger-kilometer from medium-haul flights.
Co2PsgrKmShortHaulInKg	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions per passenger-kilometer from short-haul flights.
Co2PsgrMileLongHaulInKg	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions per passenger-mile from long-haul flights.
Co2PsgrMileMediumHaulInKg	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions per passenger-mile from medium-haul flights.
Co2PsgrMileShortHaulInKg	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions per passenger-mile from short-haul flights.
DistanceUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the distance. Possible values are: • Kilometers • Miles The default value is 'Kilometers'.
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: • 2000 • 2001 • 2002

Field	Details
	• 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040

Field	Details
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
LongHaulMinimumDistance	Type double Properties Create, Filter, Nillable, Sort, Update Description The minimum distance for a long-haul flight that's adjusted according to the short-haul or medium-haul distances.
MediumHaulMaximumDistance	Type double Properties Create, Filter, Nillable, Sort, Update Description The maximum distance of a medium-haul flight.
N2oPsgrKmLongHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The N2O emissions per passenger-kilometer in CO2e from long-haul flights.
N2oPsgrKmMediumHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions per passenger-kilometer in CO2e from medium-haul flights.
N2oPsgrKmShortHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions per passenger-kilometer in CO2e from short-haul flights.
N2oPsgrMileLongHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions per passenger-mile in CO2e from long-haul flights.
N2oPsgrMileMediumHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions per passenger-mile in CO2e from medium-haul flights.
N2oPsgrMileShortHaulInKgCo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions per passenger-mile in CO2e from short-haul flights.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update

Field	Details
	Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShortHaulMaximumDistance	Type double Properties Create, Filter, Nillable, Sort, Update Description The maximum distance of a short-haul flight.
ShouldLockDtastUpdtForRec	Type boolean

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Sort, Update
	Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code> .

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[AirTravelEmssnFctrFeed](#)

Feed tracking is available for the object.

[AirTravelEmssnFctrHistory](#)

History is available for tracked fields of the object.

[AirTravelEmssnFctrShare](#)

Sharing is available for the object.

AirTravelEnrgyUse

Represents the energy consumption related to air travel. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>AirTravelEmssnFctrId</code>	Type reference
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description The air travel emission factors that are used to calculate the emissions. This is a relationship field.
	Relationship Name AirTravelEmssnFctr

Field	Details
	Relationship Type Lookup Refers To AirTravelEmssnFctr
CarbonFootprintReportDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the carbon footprint data of the associated stationary asset is due to be sent to a reporting body.
Ch4PassengerKmInKgCo2e	Type double Properties Filter, Nillable, Sort Description The CH4 emissions per kilometer that's calculated based on the emission factor.
Ch4PassengerMileInKgCo2e	Type double Properties Filter, Nillable, Sort Description The CH4 emissions per mile that's calculated based on the emission factor.
Co2PassengerKmInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions per kilometer that's calculated based on the emission factor.
Co2PassengerMileInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions per mile that's calculated based on the emission factor.

Field	Details
CostCenter	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The cost center associated with this energy use record.
DestinationCity	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The destination city of the air travel.
DestinationCountry	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the destination country of the air travel. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh

Field	Details
	• BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany

Field	Details
	• DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras

Field	Details
	• HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia

Field	Details
	• LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia

Field	Details
	• PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands

Field	Details
	• TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
EndDate	Type date

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this energy use record are valid.
HaulLength	Type string Properties Filter, Group, Nillable, Sort Description The haul length calculated based on the segment distance and the haul-length of the associated emissions factor record.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the air travel energy use record is locked for editing because the associated carbon footprint is locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oPassengerKmInKgCo2e	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The N2O emissions per kilometer that's calculated based on the emission factor.
N2oPassengerMileInKgCo2e	Type double Properties Filter, Nillable, Sort Description The N2O emissions per mile that's calculated based on the emission factor.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Scope3CrbnFtpmntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 carbon footprint record that's associated with this energy use record. This is a relationship field. Relationship Name Scope3CrbnFtpmnt

Field	Details
	Relationship Type Lookup Refers To Scope3CrbnFtpnt
Scope3EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions in metric tonnes of carbon dioxide equivalent.
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The scope 3 emission source that's associated with this energy use record. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
SegmentDistance	Type double Properties Create, Filter, Sort, Update Description The segment distance for this air travel record.
SegmentDistanceInMiles	Type double Properties Filter, Nillable, Sort Description The segment distance for this air travel record in miles.

Field	Details
SegmentDistanceUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the segment distance. Possible values are: • Kilometers • Miles The default value is 'Kilometers'.
SourceCity	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The source city of the air travel.
SourceCountry	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the source country of the air travel. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands

Field	Details
	• AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao

Field	Details
	• CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau

Field	Details
	• GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia

Field	Details
	• LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand

Field	Details
	• OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador

Field	Details
	• SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe

Field	Details
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this energy use record are valid.
SuplScope3Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value that's used to calculate the total scope 3 emissions.
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
TravelerBaseCity	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The base city of the air traveler.
TravelerBaseCountry	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the base country of the air traveler. Possible values are:

Field	Details
	• AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands

Field	Details
	• CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada

Field	Details
	• GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia

Field	Details
	• KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico

Field	Details
	• MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan

Field	Details
	• SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan

Field	Details
	• VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
TravelerName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the traveler.
VendorProvidedEmissionsInToo2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The scope 3 emissions provided by the vendor to override the calculated total scope 3 emissions.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

AirTravelEnergyUseChangeEvent (API Version 63.0)

Change events are available for the object.

AirTravelEnergyUseFeed

Feed tracking is available for the object.

AirTravelEnergyUseHistory

History is available for tracked fields of the object.

AirTravelEnergyUseShare

Sharing is available for the object.

AntiCorruptionInitSum

Represents information about the initiatives taken by an organization to communicate and train the employee on anti-corruption policies and procedures. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the country where anti-corruption initiatives are applicable. Possible values are: - AD—Andorra - AE—United Arab Emirates - AF—Afghanistan - AG—Antigua and Barbuda - AI—Anguilla - AL—Albania - AM—Armenia - AO—Angola - AQ—Antarctica - AR—Argentina - AT—Austria - AU—Australia - AW—Aruba - AX—Aland Islands - AZ—Azerbaijan - BA—Bosnia and Herzegovina - BB—Barbados

Field	Details
	• BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia

Field	Details
	• DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands

Field	Details
	• HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg

Field	Details
	• LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru

Field	Details
	• PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini

Field	Details
	• TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
Description	Type textarea

Field	Details
	Properties Create, Nillable, Update Description The description of the anti-corruption initiative statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the anti-corruption initiative statistics are generated. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
EmployeeType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of employees who participate in the anti-corruption initiative. Possible values are: • Employees • Leadership
InitiativeType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of initiative taken to educate the participants about the anti-corruption policies and procedures. Possible values are: • Communication • Training

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
RecipientCategory	Type picklist Properties Create, Filter, Group, Sort, Update

Field	Details
	Description Specifies the category of members who participate in the anti-corruption initiatives. Possible values are: • Business Partners • Employees • Governance Body Members
RecipientCount	Type double Properties Create, Filter, Nillable, Sort, Update Description The total number of participants in the anti-corruption initiative based on the country or region.
RecipientPercentage	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of participants in the anti-corruption initiative based on the country or region.
Region	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the region where anti-corruption initiatives are applicable.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[AntiCorruptionInitSumChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[AntiCorruptionInitSumFeed](#)

Feed tracking is available for the object.

[AntiCorruptionInitSumHistory](#)

History is available for tracked fields of the object.

AntiCorruptionInitSumShare

Sharing is available for the object.

AnnualEmssnInventory

Represents information about a company's total carbon emissions for a particular year in metric tonnes of CO₂e (tCO₂e). These emissions are the sum of all the emissions in scope 1, scope 2, and scope 3 greenhouse gas categories. This object is available in API version 54.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`

Fields

Field	Details
AccountNameId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description Name of the company, it's subsidiary, or it's business unit for which you are doing carbon accounting. This field is a relationship field. Relationship Name AccountName Relationship Type Lookup Refers To Account
AllocScope1And2Emssn	Type double Properties Filter, Nillable, Sort Description The scope 1 and scope 2 emissions allocated to the inventory of an account. This field is a calculated field.
AllocScope1EmissionsInTco2e	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The scope 1 emissions allocated to the inventory of an account.
AllocScope1EmssnOverride	Type double Properties Create, Filter, Nillable, Sort, Update Description The emissions value entered to override the scope 1 emissions that are allocated to the inventory of an account.
AllocScope2EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 2 emissions allocated to the inventory of an account.
AllocScope2EmssnOverride	Type double Properties Create, Filter, Nillable, Sort, Update Description The emissions value entered to override the scope 2 emissions that are allocated to the inventory of an account.
AllocScope2LocBasedEmssn	Type double Properties Filter, Nillable, Sort Description The scope 2 location-based emissions allocated to the inventory of an account.
AllocScope2MktBasedEmssn	Type double Properties Filter, Nillable, Sort Description The scope 2 market-based emissions allocated to the inventory of an account.

Field	Details
AllocScope3EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions allocated to the inventory of an account.
AllocScope3EmssnOverride	Type double Properties Create, Filter, Nillable, Sort, Update Description The emissions value entered to override the scope 3 emissions that are allocated to the inventory of an account.
EmissionsAllocToFranchCatg	Type double Properties Filter, Nillable, Sort Description The emissions from child or partner companies that are allocated to GHG category 14 - Franchises category of the parent company account.
EmissionsAllocToInvestCatg	Type double Properties Filter, Nillable, Sort Description The emissions from child or partner companies that are allocated to GHG Category 15 - Investments category of the parent company account.
EnergyUsageCmclBldOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the energy used in commercial buildings.
EnergyUsageCommercialBld	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The energy used in all the commercial buildings that are related to the carbon footprint record or the override value.
EnergyUsageDataCenters	Type double Properties Filter, Nillable, Sort Description The energy used in all the data centers that are related to the carbon footprint record or the override value.
EnergyUsageDataCtrOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the energy used in data centers.
FinalEmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The consolidated emissions of an account that includes allocated emissions of the related account, which could be a child or partner account. This field is a calculated field.
FinalScope1EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The consolidated scope 1 emissions of an account that includes allocated scope 1 emissions of the related account, which could be a child or partner account. This field is a calculated field.
FinalScope2EmssnInTco2e	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The consolidated scope 2 emissions of an account that includes allocated scope 2 emissions of the related account, which could be a child or partner account. This field is a calculated field.
FinalScope3EmissionInTco2e	Type double Properties Filter, Nillable, Sort Description The consolidated scope 3 emissions of an account that includes allocated scope 3 emissions of the related account, which could be a child or partner account. This field is a calculated field.
FinalScope1And2EmissionInTco2e	Type double Properties Filter, Nillable, Sort Description The consolidated scope 1 and scope 2 emissions of an account that includes allocated scope 1 and scope 2 emissions of the related account, which could be a child or a partner account. This field is a calculated field.
IsLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record is locked or not. The default value is <code>false</code>.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates that the annual emissions inventory record and the associated carbon footprint records are locked for editing. The default value is <code>false</code>.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MayEdit	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record can be edited (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
Name	Type string Properties Filter, Group, idLookup, Sort Description The name of the record.
OwnerId	Type reference Properties Filter, Group, Sort Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup

Field	Details
	Refers To Group, User
RenewableEnergyUsagePctCmclBld	Type percent Properties Filter, Nillable, Sort Description The percentage of renewable energy used for the total electricity consumption of all the commercial buildings that are related to the carbon footprint record or the override value.
RenewableEnergyUsagePctDataCtr	Type percent Properties Filter, Nillable, Sort Description The percentage of total renewable energy used for the total electricity consumption of all the data centers that are related to the carbon footprint record or the override value.
RenewableEnergyPctCmclBldOverride	Type percent Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the commercial buildings renewable energy percentage.
RenewableEnergyPctDataCtrOverride	Type percent Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the data centers renewable energy percentage.
Scope1EmissionsDataCenters	Type double Properties Filter, Nillable, Sort Description The scope 1 emissions from data centers that's calculated based on the data center emissions in the related carbon footprint record or the override value.

Field	Details
Scope1EmissionsFleetVehicles	Type double Properties Filter, Nillable, Sort Description The scope 1 emissions from fleet vehicles that's calculated based on the fleet vehicle emissions in the related carbon footprint record or the override value.
Scope1EmissionsPrivateJets	Type double Properties Filter, Nillable, Sort Description The scope 1 emissions from private jets that's calculated based on the private jet emissions in the related carbon footprint record or the override value.
Scope1EmssnCmclBldOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 1 emissions from commercial buildings.
Scope1EmssnCommercialBuildings	Type double Properties Filter, Nillable, Sort Description The scope 1 emissions from commercial buildings that's calculated based on the commercial building emissions in the related carbon footprint record or the override value.
Scope1EmssnDataCentersOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 1 emissions from data centers.
Scope1EmssnPrivateJetsOverride	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 1 emissions from private jets.
Scp1EmssnWstGenInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 1 emissions from company's generated waste that's calculated based on the waste related emissions in the related waste footprint record or the override value.
Scp1EmssnWstGenOvrInTco2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The value to override the scope 1 emissions from company's generated waste.
Scope2EmissionsFleetVehicles	Type double Properties Filter, Nillable, Sort Description The scope 2 emissions from fleet vehicles that's calculated based on the fleet vehicle emissions in the related carbon footprint record or the override value.
Scope2EmissionsPrivateJets	Type double Properties Filter, Nillable, Sort Description The scope 2 emissions from private jets that's calculated based on the private jets emissions in the related carbon footprint record or the override value.
Scope2EmissionsType	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the type of scope 2 emissions.

Field	Details
	Possible values are: • LocationBased—Location-Based • MarketBased—Market-Based The default value is LocationBased.
Scope2LocBasedEmssnCmclBld	Type double Properties Filter, Nillable, Sort Description The scope 2 emissions from commercial buildings that's calculated based on the location-based commercial buildings emissions in the related carbon footprint record or the override value.
Scope2LocBasedEmssnDataCtr	Type double Properties Filter, Nillable, Sort Description The scope 2 emissions from data centers that's calculated based on the location-based data center emissions in the related carbon footprint record or the override value.
Scope2MarketBasedEmssnCmclBld	Type double Properties Filter, Nillable, Sort Description The scope 2 emissions from commercial buildings that's calculated based on the market-based commercial building emissions in the related carbon footprint record or the override value.
Scope2MarketBasedEmssnDataCtr	Type double Properties Filter, Nillable, Sort Description The scope 2 emissions from data centers that's calculated based on the market-based data center emissions in the related carbon footprint record or the override value.
Scope3EmissionsBusinessTravel	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from business travel that is included in category 6 of the related carbon footprint record or the override values.
Scope3EmissionsCapitalGoods	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of capital goods that is included in category 2 of the related carbon footprint record or the override value.
Scope3EmissionsDataCenters	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from all the data centers in the related carbon footprint record or the override value.
Scope3EmissionsFleetVehicles	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from all the fleet vehicles in the related carbon footprint record or the override value.
Scope3EmissionsFranchises	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the operation of franchises that is included in category 14 of the related carbon footprint record or the override value.
Scope3EmissionsInvestments	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from investment that is included in category 15 of the related carbon footprint record or the override value.
Scope3EmissionsPctCapitalGoods	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the production of capital goods out of the total scope 3 emissions. This is a calculated field.
Scope3EmissionsPctFranchises	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the operation of franchises out of the total scope 3 emissions. This is a calculated field.
Scope3EmissionsPctInvestments	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from investments out of the total scope 3 emissions. This is a calculated field.
Scope3EmissionsPercentage	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions out of the total emissions. This is a calculated field.
Scope3EmissionsPrivateJets	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total scope 3 emissions from all the private jets in the related carbon footprint record or the override value.
Scope3EmissionsWasteGenInOper	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the treatment and disposal of generated waste that is included in category 5 of the related carbon footprint record or the override value.
Scope3EmssnCapitalGoodsOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the production of capital goods.
Scope3EmssnCmclBldOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from commercial buildings.
Scope3EmssnCommercialBuildings	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from all the commercial buildings in the related carbon footprint record or the override value.
Scope3EmssnDataCentersOverride	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The emissions value entered to override the value of the total scope 3 emissions from data centers.
Scope3EmssnEmpCommutingOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the transportation of employees.
Scope3EmssnEmployeeCommuting	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation of employees that is included in category 7 of the related carbon footprint record or the override value.
Scope3EmssnFranchisesOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the operation of franchises.
Scope3EmssnInvestmentsOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from investments.
Scope3EmssnPctBusinessTravel	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from business travel out of the total scope 3 emissions.

Field	Details
	This is a calculated field.
Scope3EmssnPctDnstnmTrnspDstr	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the transportation and distribution of downstream leased assets out of the total scope 3 emissions. This is a calculated field.
Scope3EmssnPctEmpCommuting	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the transportation of employees out of the total scope 3 emissions. This is a calculated field.
Scope3EmssnPctUpstnmLeasedAsst	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the operation of upstream leased assets out of the total scope 3 emissions. This is a calculated field.
Scope3EmssnPctUseOfSoldPrdct	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from uncategorized sources out of the total scope 3 emissions. This is a calculated field.
Scope3EmssnUseOfSoldProducts	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total scope 3 emissions from the use of sold products and services that is included in category 11 of the related carbon footprint record or the override value.
Scope3UncategorizedEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from uncategorized sources in the related carbon footprint record or the override value.
Scp1EmissionFleetVehiclesOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 1 emissions from fleet vehicles.
Scp2EmissionFleetVehiclesOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 2 emissions from fleet vehicles.
Scp2EmissionPrivateJetsOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 2 emissions from private jets.
Scp2LocationBasedEmissionCommercialBldOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 2 location-based emissions from commercial buildings.

Field	Details
Scp2LocBsdEmsnDataCtrOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 2 location-based emissions from data centers.
Scp2MktBsdEmsnCmclBldOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 2 market-based emissions from commercial buildings.
Scp2MktBsdEmsnDataCtrOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the scope 2 market-based emissions from data centers.
Scp3EmsnBusinessTravelOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from business travel.
Scp3EmsnDnstmLeasedAssets	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from downstream leased assets that is included in category 13 of the related carbon footprint record or the override value.
Scp3EmsnDnstmLeasedAstOverride	Type double

Field	Details
	Properties Filter, Nillable, Sort
	Description The emissions value entered to override the value of the total scope 3 emissions from downstream leased assets.
Scp3EmsnDnstmTnspDstrOvrde	Type double
	Properties Filter, Nillable, Sort
	Description The emissions value entered to override the value of the total scope 3 emissions from the transportation and distribution of downstream assets.
Scp3EmsnDownstreamTnspDstr	Type double
	Properties Filter, Nillable, Sort
	Description The total scope 3 emissions from the transportation and distribution of downstream assets that is included in category 9 of the related carbon footprint record or the override value.
Scp3EmsnEolSoldPrdctOvrde	Type double
	Properties Filter, Nillable, Sort
	Description The emissions value entered to override the value of the total scope 3 emissions from the end-of-life treatment of sold products.
Scp3EmsnEolTreatOfSoldPrdct	Type double
	Properties Filter, Nillable, Sort
	Description The total scope 3 emissions from the end-of-life treatment of sold products that is included in category 12 of the related carbon footprint record or the override value.
Scp3EmsnFleetVehiclesOverride	Type double
	Properties Filter, Nillable, Sort

Field	Details
	Description The emissions value entered to override the value of the total scope 3 emissions from fleet vehicles.
Scp3EmissionFuelEnergyActivity	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of fuel and energy that is included in category 3 of the related carbon footprint record or the override values.
Scp3EmissionFuelEnergyActivityOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the production of fuel and energy.
Scp3EmissionPercentageDownstreamLeasedAssets	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the downstream leased assets out of the total scope 3 emissions. This is a calculated field.
Scp3EmissionPercentageEndOfLifeTreatmentSoldProduct	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the end-of-life treatment of sold products out of the total scope 3 emissions. This is a calculated field.
Scp3EmissionPercentageFuelEnergyActivity	Type percent Properties Filter, Nillable, Sort

Field	Details
	Description The percentage of scope 3 emissions from the production of fuel and energy out of the total scope 3 emissions. This is a calculated field.
Scp3EmissionPctProcSoldProducts	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the processing of sold products out of the total scope 3 emissions. This is a calculated field.
Scp3EmissionPctPurchGoodsAndSrvcs	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the production of purchased goods and services out of the total scope 3 emissions. This is a calculated field.
Scp3EmissionPctUpstrmTrnspDstr	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the transportation and distribution of upstream leased assets out of the total scope 3 emissions. This is a calculated field.
Scp3EmissionPctWasteGenInOper	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from the treatment and disposal of generated waste out of the total scope 3 emissions. This is a calculated field.

Field	Details
Scp3EmsnPrivateJetsOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from private jets.
Scp3EmsnProcSoldPrdctOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the processing of sold products.
Scp3EmsnProcSoldProducts	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the processing of sold products that is included in category 10 of the related carbon footprint record or the override value.
Scp3EmsnPurchGoodsAndServices	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions from the production of purchased goods and services, included in category 1 associated with the carbon footprint record or the relevant override value.
Scp3EmsnPurchGoodsSrvcsOvrde	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the production of purchased goods and services.
Scp3EmsnUpstreamLeasedAssets	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total scope 3 emissions from the operation of upstream leased assets that is included in category 8 of the related carbon footprint record or the override value.
Scp3EmssnUpstreamTrnspDstr	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation and distribution of upstream leased assets that is included in category 4 of the related carbon footprint record or the override value.
Scp3EmssnUpstrmLeasedAstOvrde	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the operation of upstream leased assets.
Scp3EmssnUpstrmTrnspDstrOvrde	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the transportation and distribution of upstream leased assets.
Scp3EmssnUseOfSoldPrdctOvrde	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the use of sold products and services.
Scp3EmssnWasteGenInOperOvrde	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from the treatment and disposal of generated waste.
Scp3UncategorizedEmssnOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions from uncategorized sources.
Scp3UncatgEmssnPct	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 emissions from uncategorized sources out of the total scope 3 emissions. This is a calculated field.
SupplementalScope3EmissionsPct	Type percent Properties Filter, Nillable, Sort Description The percentage of supplemental scope 3 emissions out of the total scope 3 emissions. This is a calculated field.
TotScope2LocBasedEmssn	Type double Properties Filter, Nillable, Sort Description The total scope 2 location-based emissions from all the related records or the override value.
TotScope2MarketBsdEmssn	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total scope 2 market-based emissions from all the related records or the override value.
TotalAllocEmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total emissions allocated to the inventory of an account. This field is a calculated field.
TotalEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 1, 2, and 3 emissions. This is a calculated field.
TotalScope1And2Emissions	Type double Properties Filter, Nillable, Sort Description The total scope 1 and 2 emissions of the related carbon footprint record. This is a calculated field.
TotalScope1Emissions	Type double Properties Filter, Nillable, Sort Description The total scope 1 emissions from all the related energy use records and the supplemental emissions from the related carbon footprint record or the override value.
TotalScope1EmissionsOverride	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The emissions value entered to override the value of the total scope 1 emissions.
TotalScope2Emissions	Type double Properties Filter, Nillable, Sort Description The total scope 2 emissions from all the related energy use records and the supplemental emissions from the related carbon footprint record or the override value.
TotalScope2EmissionsOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 2 emissions.
TotalScope3Emissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions of the related carbon footprint record that's calculated based on categorized, uncategorized, and supplemental scope 3 emissions or the override value.
TotalScope3EmissionsOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total scope 3 emissions.
TotalSuplScope3EmssnOverride	Type double Properties Filter, Nillable, Sort Description The emissions value entered to override the value of the total supplemental scope 3 emissions.
TotalSuplScp3Emissions	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total supplemental scope 3 emissions from the related carbon footprint record or the override value.
UniqueIdx	Type string Properties Filter, Group, idLookup, Nillable, Sort Description The unique index for this record. This field is available in API version 57.0 and later.
Year	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The year to which the carbon emissions inventory data corresponds. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018

Field	Details
	• 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040 • 2041 • 2042 • 2043 • 2044 • 2045 • 2046 • 2047 • 2048 • 2049 • 2050 • 2051 • 2052 • 2053 • 2054 • 2055 • 2056

Field	Details
	• 2057 • 2058 • 2059 • 2060 • 2061 • 2062 • 2063 • 2064 • 2065 • 2066 • 2067 • 2068 • 2069 • 2070 • 2071 • 2072 • 2073 • 2074 • 2075 • 2076 • 2077 • 2078 • 2079 • 2080 • 2081 • 2082 • 2083 • 2084 • 2085 • 2086 • 2087 • 2088 • 2089 • 2090 • 2091 • 2092 • 2093 • 2094

Field	Details
	• 2095 • 2096 • 2097 • 2098 • 2099

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[AnnualEmssnInventoryChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[AnnualEmssnInventoryFeed](#)

Feed tracking is available for the object.

[AnnualEmssnInventoryHistory](#)

History is available for tracked fields of the object.

[AnnualEmssnInventoryShare](#)

Sharing is available for the object.

AnnualEmssnRdctnTarget

Represents information about the emissions reduction target set by a company for a particular year. This object is available in API version 54.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`

Fields

Field	Details
<code>EmissionsReductionPercentage</code>	Type percent Properties Filter, Nillable, Sort Description The percentage of emissions reduced from the previous year.

Field	Details
EmissionIntensityReductionPct	Type percent Properties Filter, Nillable, Sort Description The percentage of emission intensity reduced from the previous year.
IsLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record is locked or not. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MayEdit	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record can be edited or not. The default value is 'false'.
Name	Type string

Field	Details
	Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the annual emissions reduction target record.
OtherTargetKpiChangePercentage	Type percent Properties Filter, Nillable, Sort Description The targeted percentage of change in the key performance indicators (KPI) from the base year to the target year.
OtherTargetKpiInTargetYear	Type double Properties Filter, Nillable, Sort Description The key performance indicator (KPI) target to achieve in the target year for the KPI of the parent emissions reduction target record.
ParentTargetId	Type reference Properties Filter, Group, Sort Description The parent target record that's related to the annual emissions reduction target record. This is a relationship field. Relationship Name ParentTarget Relationship Type Lookup Refers To EmssnReductionTarget
Scope3GhgCatgTgtEmssnRdctn	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The emissions targeted to be reduced in the scope 3 greenhouse gas category in the target year.
Scope3GhgCatgTgtEmssnRdctnPct	Type percent Properties Filter, Nillable, Sort Description The percentage of scope 3 greenhouse gas emissions targeted to be reduced from the base year to the target year.
TargetEmissions	Type double Properties Filter, Nillable, Sort Description The emissions targeted to be reached in the target year.
TargetEmissionsIntensity	Type double Properties Filter, Nillable, Sort Description The emissions intensity targeted to be reached in the target year.
TargetYear	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The year of the annual emissions reduction target record. Possible values are: • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022

Field	Details
	• 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040 • 2041 • 2042 • 2043 • 2044 • 2045 • 2046 • 2047 • 2048 • 2049 • 2050 • 2051 • 2052 • 2053 • 2054 • 2055 • 2056 • 2057 • 2058 • 2059 • 2060

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

AnnualEmssnRdctnTargetFeed

Feed tracking is available for the object.

AnnualEmssnRdctnTargetHistory

History is available for tracked fields of the object.

AsmtQstnMaterialityTpc

Represents a junction between a materiality topic and an assessment question. This object is available in API version 64.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AssessmentQuestionId	Type reference Properties Create, Filter, Group, Sort Description The assessment question associated with the record. This field is a relationship field. Relationship Name AssessmentQuestion Relationship Type Master-detail Refers To AssessmentQuestion (the master object)
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.

Field	Details
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MaterialityTopicId	Type reference Properties Create, Filter, Group, Sort, Update Description The materiality topic associated with the record. This field is a relationship field. Relationship Name MaterialityTopic Refers To MaterialityTopic
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[AsmtQstnMaterialityTpcHistory](#)

History is available for tracked fields of the object.

BldgEnrgyIntensity

Represents the average energy intensity by fuel type across a set of buildings. You can derive this data from published sources. Alternatively, you can do so by using energy use records as the data source and then setting up a window of time with some characteristics of the building size and type. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>AnnualEnergyIntensityInKwhM2</code>	Type double Properties Create, Filter, Nillable, Sort, Update Description The average energy consumption intensity for a year in kWh per square meter. The fuel-specific energy consumption intensities are stored in the associated building energy intensity value records.
<code>AnnualEnergyIntensityInKwhSqft</code>	Type double Properties Create, Filter, Nillable, Sort, Update Description The average energy consumption intensity for a year in kWh per square foot. The fuel-specific energy consumption intensities are stored in the associated building energy intensity value records.
<code>AreSysGenEnrgyUseRecIncluded</code>	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description "Indicates whether to include records created when filling data gaps (true) or not (false). Note: Including these records could result in inaccurate calculations." The default value is 'false'.
<code>AveragePowerUsageEffectiveness</code>	Type double Properties Create, Filter, Nillable, Sort, Update Description
<code>AveragingWindowEndDate</code>	Type date

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the energy use records are considered to calculate the building energy intensity.
AveragingWindowStartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the energy use records are considered to calculate the building energy intensity.
BldgEnergyIntensityIdentifier	Type textarea Properties Create, Nillable, Update Description The unique external identifier for the building energy intensity record.
BuildingAssetType	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset type of the asset for which the building energy intensity is calculated.
BuildingSize	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description
BuildingSizeCategoryId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The building size category record for the stationary asset. You can add appropriate building size ranges by creating or editing building size category records.

Field	Details
	This is a relationship field. Relationship Name BuildingSizeCategory Relationship Type Lookup Refers To BldgSizeCategory
BusinessRegion	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The business region. If you select the business region, you can't select the country and state.
Country	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the country. You can enter a country only when you don't select the business region.
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.
EmissionFactorUpdateYear	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The year when the emissions factor reference data was last updated by a publishing authority.
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The external identifier for the emissions factor.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates that the record is locked for editing. The default value is <code>false</code> .
LastCalculatedDate	Type dateTime Properties Create, Filter, Nillable, Sort, Update Description The date and time when the record was most recently calculated.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MaximumBuildingSizeInM2	Type double Properties Create, Filter, Nillable, Sort, Update Description The maximum size of the building in square meters. This value is used to calculate building energy intensity.

Field	Details
MaximumBuildingSizeInSqft	Type double Properties Create, Filter, Nillable, Sort, Update Description The maximum size of the building in square feet. This value is used to calculate building energy intensity.
MinimumBuildingSizeInM2	Type double Properties Create, Filter, Nillable, Sort, Update Description The minimum size of the building in square meters. This value is used to calculate building energy intensity.
MinimumBuildingSizeInSqft	Type double Properties Create, Filter, Nillable, Sort, Update Description The minimum size of the building in square meters. This value is used to calculate building energy intensity.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner

Field	Details
	Relationship Type Lookup
	Refers To Group, User
ReferenceDataLoadLogId	Type reference
	Properties Filter, Group, Nillable, Sort
	Description The reference data load log record that's associated with the emissions factor. This field is a relationship field.
	Relationship Name ReferenceDataLoadLog
	Relationship Type Lookup
	Refers To ReferenceDataLoadLog
RegionalDivision	Type picklist
	Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update
	Description The regional division for this building energy intensity record. Possible values are: - EastNorthCentral—East North Central - EastSouthCentral—East South Central - MiddleAtlantic—Middle Atlantic - Mountain - NewEngland—New England - Pacific - SouthAtlantic—South Atlantic - WestNorthCentral—West North Central - WestSouthCentral—West South Central
ShouldLockDtastUpdtForRec	Type boolean
	Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code> .
State	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the state. You can enter a state only when you don't select the business region and don't enter multiple countries.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[BldgEnrgyIntensityFeed](#)

Feed tracking is available for the object.

[BldgEnrgyIntensityHistory](#)

History is available for tracked fields of the object.

[BldgEnrgyIntensityShare](#)

Sharing is available for the object.

BldgEnrgyIntensityVal

Represents the calculated average energy intensity for an individual fuel type across a set of buildings. Each record stores the fuel use intensity as a function of the floor area of the occupied space of that building. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AnnualIntensityValueInKwhM2	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The annual building energy consumption intensity of the selected fuel type for a year in kWh per square meter.
AnnualIntensityValueInKwhSqft	Type double Properties Create, Filter, Nillable, Sort, Update Description The annual building energy consumption intensity of the selected fuel type for a year in kWh per square foot.
BuildingEnergyIntensityId	Type reference Properties Create, Filter, Group, Sort Description The parent building energy intensity record for this intensity value record. This is a relationship field. Relationship Name BuildingEnergyIntensity Relationship Type Lookup Refers To BldgEnrgyIntensity
EnergyUseRecordCount	Type double Properties Create, Filter, Nillable, Sort, Update Description The number of energy use records used to calculate the building energy intensity value.
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.

Field	Details
FuelType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The type of fuel for this intensity value record. Possible values are: • CityGas—City Gas • Cooling • Diesel • Electricity • FuelOil—Fuel Oil • Heat • HeavyOil—Heavy Oil • Kerosene • LightOil—Light Oil • LiquidNaturalGasLNG—Liquid Natural Gas (LNG) • NaturalGas—Natural Gas • Propane • Steam
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the record is locked for editing. The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
NumberOfDaysUsedForCalc	Type double Properties Create, Filter, Nillable, Sort, Update Description The number of days between the averaging window start date and end date that contained energy use data, which is used to calculate the building energy intensity.
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code> .

BldgSizeCategory

Represents the building size filter criteria for the building energy intensity records. The building size filter criteria are stored as a range of floor area sizes from a minimum size to a maximum size, in units of sqft or m². The records can have overlapping minimum-maximum ranges. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MaximumSize	Type double Properties Create, Filter, Sort, Update Description The maximum size of the building.
MaximumSizeInSqft	Type double Properties Filter, Nillable, Sort Description The maximum size of the building in square foot.

Field	Details
MinimumSize	Type double Properties Create, Filter, Sort, Update Description The minimum size of the building.
MinimumSizeInSqft	Type double Properties Filter, Nillable, Sort Description The minimum size of the building in square foot.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
SizeUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description The unit of measure for the size of the building.

Field	Details
	Possible values are: • m2 • sqft The default value is 'sqft'.

CleanEnergyProject

Represents information about a project that provides credits a company can purchase to claim clean energy usage. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CleanEnergyType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The clean energy type associated with the project. Possible values are: • Biomass • Geothermal • Solar • Wind
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country in which the clean energy project is implemented. Possible values are: • AD—Andorra

Field	Details
	• AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the

Field	Details
	• CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia

Field	Details
	• GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati

Field	Details
	• KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia

Field	Details
	• MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden

Field	Details
	- SG—Singapore - SH—Saint Helena, Ascension and Tristan da Cunha - SI—Slovenia - SJ—Svalbard and Jan Mayen - SK—Slovakia - SL—Sierra Leone - SM—San Marino - SN—Senegal - SO—Somalia - SR—Suriname - SS—South Sudan - ST—Sao Tome and Principe - SV—El Salvador - SX—Sint Maarten (Dutch part) - SY—Syrian Arab Republic - SZ—Eswatini - TC—Turks and Caicos Islands - TD—Chad - TF—French Southern Territories - TG—Togo - TH—Thailand - TJ—Tajikistan - TK—Tokelau - TL—Timor-Leste - TM—Turkmenistan - TN—Tunisia - TO—Tonga - TR—Türkiye - TT—Trinidad and Tobago - TV—Tuvalu - TW—Taiwan - TZ—Tanzania, United Republic of - UA—Ukraine - UG—Uganda - US—United States - UY—Uruguay - UZ—Uzbekistan - VA—Holy See (Vatican City State)

Field	Details
	• VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the clean energy project.
DeveloperAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account of an organization that develops the clean energy project. This field is a relationship field. Relationship Name DeveloperAccount Relationship Type Lookup Refers To Supplier
ElectrEmissionsFactorsId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The electricity emissions factors record associated with this clean energy project. If there is no value, an emissions rate of 0 tonnes CO2/kWh is used for the project. This field is a relationship field. Relationship Name ElectrEmissionsFactors Relationship Type Lookup Refers To ElectricityEmssnFctrSet
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier of the data that is imported for the clean energy project.
FundedBy	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the organization that's funding the clean energy project.
GridSubregion	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The electricity grid region.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Location	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The location for the subregion.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the project that supplies clean energy.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ProjectUrl	Type url Properties Create, Filter, Group, Nillable, Sort, Update Description The URL that contains the clean energy project details.

Field	Details
Region	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The region within the country where the clean energy project is implemented. Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East • North America • South America • Southeast Asia

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CleanEnergyProjectFeed

Feed tracking is available for the object.

CleanEnergyProjectHistory

History is available for tracked fields of the object.

CleanEnergyProjectShare

Sharing is available for the object.

ContentLink

Represents a reference object with information about its content source. This object is available in API version 62.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ContentSourceId	Type reference Properties Create, Filter, Group, Sort, Update Description The content source associated with the content. The content source could be a Salesforce record or an Omnistudio Data Mapper. This field is a relationship field. Relationship Name ContentSource Refers To ContentSource
ContentSourceType	Type picklist Properties Filter, Group, Restricted picklist, Sort Description Specifies the type of content source. Possible values are: • <code>OmnistudioDataMapper</code>—Omnistudio Data Mapper • <code>SingleRecord</code>—Single Record
LastCntntUpdateDateTime	Type dateTime Properties Create, Filter, Nillable, Sort, Update Description The date and time of the last content update.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The value that identifies this record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User
ReferenceObjectId	Type reference Properties Create, Filter, Group, Sort, Update Description The reference object that's associated with the content source. This field is a polymorphic relationship field. Relationship Name ReferenceObject Refers To ContentDocument, Disclosure, DocumentClause, InfoLibraryExternalDocument

Field	Details
Status	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the status of the association between the reference object and content source. Possible values are: • Active • InActive—Inactive • Paused
UpdatedContent	Type textarea Properties Create, Nillable, Update Description The information about the last content update.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ContentLinkFeed

Feed tracking is available for the object.

ContentLinkHistory

History is available for tracked fields of the object.

ContentLinkShare

Sharing is available for the object.

ContentSource

Represents the data source that's referenced by an object. This object is available in API version 62.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ExtractDataMapperInput	Type textarea Properties Create, Nillable, Update Description The input to the Omnistudio Data Mapper that's used to extract data from the content source.
ExtractDataMapperName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the Omnistudio Data Mapper that's used to extract data from the content source.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User
RelatedFieldApiName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The field name in the related object that contains the data for the content source.
RelatedObjectApiName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The API name of the object that's related to the content source.
RelatedRecordIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The identifier of the record that contains the data for the content source.
TransformDataMapperName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the Omnistudio Data Mapper that's used to transform data from the content source.
Type	Type picklist

Field	Details
	Properties Create, Filter, Group, Restricted picklist, Sort, Update
	Description Specifies the type of content source. Possible values are: • <code>OmnistudioDataMapper</code>—Omnistudio Data Mapper • <code>SingleRecord</code>—Single Record

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ContentSourceFeed

Feed tracking is available for the object.

ContentSourceHistory

History is available for tracked fields of the object.

ContentSourceShare

Sharing is available for the object.

CrbnCreditAlloc

Represents information about how the carbon credits are allocated by an organization to offset their emissions. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>AllocatedCarbonCrCost</code>	Type currency
	Properties Filter, Nillable, Sort
	Description The amount spent on carbon credits to offset the emissions.

Field	Details
AnnualEmssnInventoryId	Type reference Properties Create, Filter, Group, Sort, Update Description The annual emissions inventory associated with the carbon credit allocation. This field is a relationship field. Relationship Name AnnualEmssnInventory Relationship Type Lookup Refers To AnnualEmssnInventory
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the carbon credit allocation.
NetEmissionsInTco2e	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The remaining emissions that couldn't be offset for the annual emissions inventory.
NetScope1EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The remaining scope 1 emissions that couldn't be offset for the annual emissions inventory.
NetScope2EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The remaining scope 2 emissions that couldn't be offset for the annual emissions inventory.
NetScope3EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description Total remaining scope 3 emissions that couldn't be offset.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Scp1CrbnCrAllocInTco2e	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The carbon credits allocated to the scope 1 emissions inventory.
Scp2CrbnCrAllocInTco2e	Type double Properties Filter, Nillable, Sort Description The carbon credits allocated to the scope 2 emissions inventory.
Scp3CrbnCrAllocInTco2e	Type double Properties Filter, Nillable, Sort Description The carbon credits allocated to the scope 3 emissions inventory.
TotalCrbnCrAllocInTco2e	Type double Properties Filter, Nillable, Sort Description The carbon credits allocated for the annual emissions inventory.
TotalEmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The total emissions derived from the annual emissions inventory that an organization can offset.
TotalScope1EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 1 emissions that can be offset.

Field	Details
TotalScope2EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 2 emissions that can be offset.
TotalScope3EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions that can be offset.
Year	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The year when the carbon credit was allocated. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017

Field	Details
	• 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040 • 2041 • 2042 • 2043 • 2044 • 2045 • 2046 • 2047 • 2048 • 2049 • 2050 • 2051 • 2052 • 2053 • 2054 • 2055

Field	Details
	• 2056 • 2057 • 2058 • 2059 • 2060 • 2061 • 2062 • 2063 • 2064 • 2065 • 2066 • 2067 • 2068 • 2069 • 2070 • 2071 • 2072 • 2073 • 2074 • 2075 • 2076 • 2077 • 2078 • 2079 • 2080 • 2081 • 2082 • 2083 • 2084 • 2085 • 2086 • 2087 • 2088 • 2089 • 2090 • 2091 • 2092 • 2093

Field	Details
	• 2094 • 2095 • 2096 • 2097 • 2098 • 2099

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CrbnCreditAllocFeed

Feed tracking is available for the object.

CrbnCreditAllocHistory

History is available for tracked fields of the object.

CrbnCreditAllocItem

Represents information about carbon credit allocation and emissions related to each emission activity. This object is available in API version 56.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`

Fields

Field	Details
CrbnCreditAllocId	Type reference Properties Filter, Group, Sort Description The carbon credit allocation record that's associated with the emissions activity. This field is a relationship field. Relationship Name CrbnCreditAlloc

Field	Details
	Relationship Type Lookup Refers To CrbnCreditAlloc
EmissionsActivityId	Type reference Properties Filter, Group, Nillable, Sort Description The emissions activity record that's associated with the carbon credit allocation. This field is a relationship field. Relationship Name EmissionsActivity Relationship Type Lookup Refers To EmissionsActivity
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the emissions activity associated with the carbon credit allocation item.

Field	Details
NetEmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The remaining emissions that couldn't be offset from the annual emissions inventory for the emissions activity.
TotalCrbnCrAllocInTco2e	Type double Properties Filter, Nillable, Sort Description The carbon credits allocated for the emissions activity.
TotalEmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The total emissions derived from the annual emissions inventory that an organization can offset for the emissions activity.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[CrbnCreditAllocItemFeed](#)

Feed tracking is available for the object.

[CrbnCreditAllocItemHistory](#)

History is available for tracked fields of the object.

CrbnCreditDistribution

Represents a junction between the sustainability credit and carbon credit allocation objects. To offset emissions for carbon credit allocation items, specify the emissions activity on this junction object. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CrbnCrAllocDate	Type date Properties Create, Filter, Group, Sort, Update Description The date when the carbon credit was allocated.
CrbnCreditAllocId	Type reference Properties Create, Filter, Group, Sort, Update Description The carbon credit allocation record that's associated with the carbon credits distribution. This field is a relationship field. Relationship Name CrbnCreditAlloc Relationship Type Lookup Refers To CrbnCreditAlloc
EmissionsActivityId	Type reference Properties Create, Filter, Group, Sort, Update Description The emissions activity that's specified to offset emissions at carbon credit allocation items level. This field is a relationship field. Relationship Name EmissionsActivity Relationship Type Lookup Refers To EmissionsActivity
LastReferencedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the carbon credit allocation.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
SustainabilityCreditId	Type reference Properties Create, Filter, Group, Sort, Update Description The sustainability credit record that's associated with the carbon credits distribution. This field is a relationship field.

Field	Details
	Relationship Name SustainabilityCredit Relationship Type Lookup Refers To SustainabilityCredit
TotalCrbnCrAllocCost	Type currency Properties Filter, Nillable, Sort Description The total cost of the carbon credits that were allocated for all the emissions activities.
TotalCrbnCrAllocInTco2e	Type double Properties Create, Filter, Sort, Update Description The total carbon credits that were allocated for all the emissions activities.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CrbnCreditDistributionFeed

Feed tracking is available for the object.

CrbnCreditDistributionHistory

History is available for tracked fields of the object.

CrbnCreditDistributionShare

Sharing is available for the object.

CrbnCreditProject

Represents information about the environmental project that generates carbon credits by removing greenhouse gasses or preventing a certain quantity of greenhouse gasses from being released. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AdditionalBenefits	Type multipicklist Properties Create, Filter, Nillable, Update Description Specifies the additional benefits related to the carbon credit project. Possible values are: • Biodiversity • Education • Energy Access • Health
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country in which the carbon credit project is implemented. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh

Field	Details
	• BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany

Field	Details
	• DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras

Field	Details
	• HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia

Field	Details
	• LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia

Field	Details
	• PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands

Field	Details
	• TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
CrbnCrMethodology	Type string

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The method that's used to adjust the carbon credits during the lifecycle of the project.
Description	Type textarea Properties Create, Nillable, Update Description The description of the carbon credit project.
DeveloperAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account of an organization that develops the emissions reduction project and provides the carbon credits. This field is a relationship field. Relationship Name DeveloperAccount Relationship Type Lookup Refers To Supplier
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier of the data that is imported for the carbon credit project.
FundedBy	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the organization that's funding the carbon credit project.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MitigationType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the mitigation strategy associated with this carbon credit project. Possible values are: • Avoidance • Reduction • Removal • Sequestration
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the environmental project that generates carbon credits by removing greenhouse gases or preventing a certain quantity of greenhouse gases from being released.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record.

Field	Details
	This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ProjRegistryIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique identifier that's assigned by the registry to the carbon credit project.
ProjectType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of the carbon credit project. Possible values are: • Agriculture • Forestry and Land Use • Fuel Switching • Household Devices • Industrial Manufacturing • Renewable Energy • Transportation • Waste Disposal
ProjectUrl	Type url Properties Create, Filter, Group, Nillable, Sort, Update Description The URL that contains the carbon credit project details.
Region	Type picklist

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The region within the country where the carbon credit project is implemented. Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East • North America • South America • Southeast Asia
StandardsAgencyName	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the organization name that defines the standards for voluntary emissions reduction credits. Possible values are: • Climate, Community and Biodiversity Standards • Gold Standard • Verified Carbon Standard • Voluntary Offset Standard
TotalCrbnCrAllocInTco2e	Type double Properties Filter, Nillable, Sort Description The total carbon credits allocated for the carbon credit project, which is a cumulative value of all the associated sustainability credits.

Field	Details
TotalCrbnCrAvlInTco2e	Type double Properties Filter, Nillable, Sort Description The total carbon credits available for the carbon credit project.
TotalCrbnCrPurchInTco2e	Type double Properties Filter, Nillable, Sort Description The total carbon credit purchased for the carbon credit project, which is a cumulative value of all the associated sustainability credits.
TotalSpend	Type currency Properties Filter, Nillable, Sort Description The total spend for the carbon credit project, which is a cumulative value of all the associated sustainability credits.
VerifiedBy	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the organization that verified the carbon credit project.
VoluntaryRegistryName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the registry that lists the carbon credit projects.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CrbnCreditProjectFeed

Feed tracking is available for the object.

CrbnCreditProjectHistory

History is available for tracked fields of the object.

CrbnCreditProjectShare

Sharing is available for the object.

CrbnEmssnScopeAlloc

Represents the allocation of fuel consumption for different scope emissions. For an energy use record, tCO₂e is calculated and the results are classified as either Scope 1, Scope 2, or Scope 3 emission values. Each individual fuel type has its own scope allocation record. To put the tCO₂e result in the correct scope, the energy use record points to the scope allocation record. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update

Field	Details
	Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CrbnEmssnScopeAllocFeed

Feed tracking is available for the object.

CrbnEmssnScopeAllocHistory

History is available for tracked fields of the object.

CrbnEmssnScopeAllocShare

Sharing is available for the object.

CrbnEmssnScopeAllocVal

Represents the scope allocation by fuel type. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CrbnEmssnScopeAllocId	Type reference Properties Create, Filter, Group, Sort Description The parent carbon emissions scope allocation record for this allocation value record. This is a relationship field. Relationship Name CrbnEmssnScopeAlloc Relationship Type Lookup Refers To CrbnEmssnScopeAlloc
FuelType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The fuel type for this allocation value record. For custom fuels, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the FuelType object}</i>; for example, ftPackage_custom_wood, else this value is <i>custom_{DeveloperName of the FuelType object}</i>; for example, custom_wood. Possible values are: • CityGas—City Gas • Cooling • Diesel • Electricity • FuelOil—Fuel Oil • Heat • HeavyOil—Heavy Oil • Kerosene • LightOil—Light Oil • LiquidNaturalGasLNG—Liquid Natural Gas (LNG) • NaturalGas—Natural Gas • Propane • Refrigerant

Field	Details
	• Steam
FuelTypeAllocation	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The GHG protocol scope for the selected fuel type. Possible values are: • SCOPE1—Scope 1 • SCOPE2—Scope 2 • SCOPE3Downstream—Scope 3 Downstream • SCOPE3DownstreamLeasedAssets—Scope 3 Downstream Leased Assets • SCOPE3EmpComut—Scope 3 Employee Commuting • SCOPE3Franchises—Scope 3 Franchises • SCOPE3Investments—Scope 3 Investments • SCOPE3Upstream—Scope 3 Upstream • SCOPE3UseOfSoldProducts—Scope 3 Use of Sold Products • SCP3CptlGoods—Scope 3 Capital Goods • SCP3EndLifeTreatSoldProducts—Scope 3 End-of-Life Treatment of Sold Products • SCP3FuelEnergyRelatedActv—Scope 3 Fuel and Energy-Related Activities • SCP3ProcessingSoldPrdct—Scope 3 Processing of Sold Products • SCP3PurchGoodsServices—Scope 3 Purchased Goods and Services • SCP3UpstrmLsdAst—Scope 3 Upstream Leased Assets • SCP3WasteGeneratedInOperations—Scope 3 Waste Generated In Operations
CrbnEmssnScopeAllocValFuelTypeRefId	Type reference Properties Filter, Group, Nillable, Sort Description This field is available in API version 57.0 and later. This field is a relationship field. Relationship Name CrbnEmssnScopeAllocValFuelTypeRef Relationship Type Lookup Refers To FuelType

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[CrbnEmssnScopeAllocValFeed](#)

Feed tracking is available for the object.

[CrbnEmssnScopeAllocValHistory](#)

History is available for tracked fields of the object.

DocClauseSetAsmtQstn

Represents a junction between a document clause set and an assessment question. This object is available in API version 64.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AssessmentQuestionId	Type reference Properties Create, Filter, Group, Sort, Update Description The assessment question associated with the record. This field is a relationship field. Relationship Name AssessmentQuestion Refers To AssessmentQuestion
DocumentClauseSetId	Type reference Properties Create, Filter, Group, Sort Description The document clause set associated with the record. This field is a relationship field. Relationship Name DocumentClauseSet Relationship Type Master-detail Refers To DocumentClauseSet (the master object)
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[DocClauseSetAsmtQstnHistory](#) on page 770

History is available for tracked fields of the object.

Disclosure

Represents the disclosure details that a company shares, which can be included by a user in their response document. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AssessmentId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The assesment record that stores the responses submitted for the disclosure. This field is a relationship field. Relationship Name Assessment

Field	Details
	Relationship Type Lookup Refers To Assessment
AuthoringMode	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the authoring mode used to launch the disclosure authoring experience. Possible values depending on the Use Disclosure and Compliance Hub Plugin setting are: • Microsoft365Word—Microsoft 365 Word • OmniScriptAndMcrsft365Wrd—OmniScript and Microsoft 365 Word • OmniScriptForm—OmniScript Form • GoogleDocs—Google Docs • OmniscriptAndGoogleDocs—OmniScript and Google Docs See Enable the Disclosure and Compliance Hub .
DisclosureDefVerDesc	Type textarea Properties Nillable Description The description of the disclosure definition version associated with the disclosure.
DisclosureDefVerNumber	Type string Properties Filter, Group, Nillable, Sort Description The version number of the disclosure definition associated with the disclosure.
DisclosureDefinition	Type string Properties Filter, Group, Nillable, Sort Description The disclosure definition associated with the disclosure.

Field	Details
DisclosureDefinitionVerId	Type reference Properties Create, Filter, Group, Nillable, Sort Description The version of the disclosure definition associated with the disclosure. This field is a relationship field. Relationship Name DisclosureDefinitionVer Refers To DisclosureDefinitionVersion
DisclosureDocumentUrl	Type url Properties Create, Filter, Group, Nillable, Sort, Update Description The URL of the final disclosure document that's used in the disclosure.
DisclosureType	Type string Properties Filter, Group, Nillable, Sort Description The type of disclosure.
DisclosureTypeBodyLogo	Type string Properties Filter, Group, Nillable, Sort Description The logo of the standard body related to a disclosure type to which an individual or a company is making a disclosure.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The end date of the disclosure.

Field	Details
ExternalDocumentErrorMessage	Type string Properties Nillable Description The error associated with the launch of the external document.
ExternalDocumentLaunchStatus	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The status of the external document launch. Possible values are: • DocumentGenerationFailed—Document Generation Failed • Processing • ReadyToLaunch—Ready to Launch
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the record.

Field	Details
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PredefinedDisclosureDefVersion	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort Description Specifies the predefined disclosure definition version associated with the disclosure. Possible values depending on the Use Disclosure and Compliance Hub Plugin setting are: • CsrVersion3ForHybridMS365—CSRD V3 Microsoft 365 Word Hybrid Mode • CsrVersion4ForGoogleDocs—CSRD V4 Google Docs • CsrVersion4ForHybridMS365—CSRD V4 Microsoft 365 Word Hybrid Mode
ReplicateResponsesFromId	Type reference Properties Create, Filter, Group, Nillable, Sort Description The disclosure from where the responses are taken. The disclosure information is dependent on the disclosure type, definition, and a valid assessment context on the disclosure. Available in API version 59.0 and later. This field is a relationship field. Relationship Name ReplicateResponsesFrom Relationship Type Lookup Refers To Disclosure

Field	Details
ShouldGenDrftRespDocFrEinstein	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort Description Indicates wether to generate the draft response document using Einstein Search for the disclosure. The default value is <code>false</code>.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The start date of the disclosure.
Status	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the status of the disclosure. Possible values are: • COMPLETED—Completed • IN_PROGRESS—In Progress • READY_FOR_REVIEW—Ready for Review The default value is <code>IN_PROGRESS</code>.
Year	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year for which the disclosure is done. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004

Field	Details
	• 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

DisclosureFeed

Feed tracking is available for the object.

DisclosureHistory

History is available for tracked fields of the object.

DisclosureShare

Sharing is available for the object.

DisclosureDefinition

Represents information that defines a disclosure type, such as details of the publisher or vendor who created or implemented the report. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type textarea Properties Create, Nillable, Update Description The description about the disclosure definition.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The developer name of the record.
DisclosureType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update

Field	Details
	Description The type of disclosure that's used in the definition. Possible values are: 1awRN000000000G—Company Disclosure 1awRN000000000L—Demo Type
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this record. Possible values are: - da—Danish - de—German - en_US—English - es—Spanish - es_MX—Spanish (Mexico) - fi—Finnish - fr—French - it—Italian - ja—Japanese - ko—Korean - nl_NL—Dutch - no—Norwegian - pt_BR—Portuguese (Brazil) - ru—Russian - sv—Swedish - th—Thai - zh_CN—Chinese (Simplified) - zh_TW—Chinese (Traditional)
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description The label assigned to this object.

Field	Details
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.

DisclosureDefinitionVersion

Represents the version information about the disclosure definition. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
AuthoringMode	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the authoring mode used to launch the disclosure authoring experience. Possible values depending on the Use Disclosure and Compliance Hub Plugin setting are: • <code>Microsoft365Word</code>—Microsoft 365 Word • <code>OmniScriptAndMcrcsft365Wrd</code>—OmniScript and Microsoft 365 Word • <code>GoogleDocs</code>—Google Docs • <code>OmniScriptForm</code>—OmniScript Form • <code>OmniscryptAndGoogleDocs</code>—OmniScript and Google Docs See Enable the Disclosure and Compliance Hub.
Description	Type textarea Properties Create, Nillable, Update Description The description of the disclosure definition version.

Field	Details
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The developer name of the record.
DisclosureDefinition	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The name of the disclosure definition associated with the version. Possible values are: • <code>SFTemplateForCsr</code>—Salesforce Template for CSRD
DocumentTemplateGlobalKey	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The document template global key associated with the DOCX template for the disclosure definition version.
IsActive	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the disclosure definition version is an active version (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
IsCurrentVersion	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether this is the current version of the disclosure definition (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.

Field	Details
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this record. Possible values are: • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French • it—Italian • ja—Japanese • ko—Korean • nl_NL—Dutch • no—Norwegian • pt_BR—Portuguese (Brazil) • ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description The label assigned to this object.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.

Field	Details
OmniScriptCnfgApiName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The API name of the OmniScript configuration that's associated with the disclosure definition version.
OmniScriptConfiguration	Type string Properties Filter, Group, Nillable, Sort Description The OmniScript configuration that's associated with the disclosure definition version.
VersionNumber	Type string Properties Create, Filter, Group, Sort, Update Description The version of the disclosure definition published by the author.

DisclosureType

Represents the types of disclosures that are done by an individual or an organization and the associated metadata. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type textarea Properties Create, Nillable, Update

Field	Details
	Description The description about the disclosure type.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The developer name of the record.
DisclosureBodyLogoId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The logo of the standard body to which an individual or a company is making a disclosure. This field is a relationship field. Relationship Name DisclosureBodyLogo Relationship Type Lookup Refers To StaticResource
DisclosureBodyUrl	Type url Properties Create, Filter, Group, Nillable, Sort, Update Description The URL of the disclosure standard body.
DisclosureCategory	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the name of the clause library category that's used for disclosure. Possible values are: 0zMRN0000000001—ESG - EnvSocGvnc—Environment, Social, and Governance

Field	Details
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this record. Possible values are: • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French • it—Italian • ja—Japanese • ko—Korean • nl_NL—Dutch • no—Norwegian • pt_BR—Portuguese (Brazil) • ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description The label assigned to this object.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.

DisclsReportingPeriod

Represents a corporate reporting period that is used for stakeholder disclosure reports. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AffiliateAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort Description The account that's identified as the affiliate account. This field is a relationship field. Relationship Name AffiliateAccount Relationship Type Lookup Refers To Account
Description	Type textarea Properties Create, Nillable, Update Description The description of the reporting period.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The end date of the reporting period.

Field	Details
Identifier	Type string Properties Autonumber, Defaulted on create, Filter, Sort Description The unique identifier of the reporting period.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup

Field	Details
	Refers To Group, User
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The start date of the reporting period.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[DisclsReportingPeriodChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[DisclsReportingPeriodFeed](#)

Feed tracking is available for the object.

[DisclsReportingPeriodHistory](#)

History is available for tracked fields of the object.

[DisclsReportingPeriodShare](#)

Sharing is available for the object.

DivrsEquityInclSum

Represents information that indicates the quantitative view of the organization based on the employee gender, age group, and other fairness indicators. This object is available in API version 57.0 and later.



Note: Our platform provides you with the option to track data that you deem appropriate. We don't mandate or require you to enter any specific data. The decision to enter and track information, as well as the nature and extent of that data, rests solely with you.

Supported Calls

```
create(), delete(), describeLayout(), describeSObjects(), getDeleted(), getUpdated(), query(),
retrieve(), search(), undelete(), update(), upsert()
```

Fields

Field	Details
AgeGroup	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the age group of an employee.
Description	Type textarea Properties Create, Nillable, Update Description The description of the employee statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the employee statistics are generated. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
DiversityCategory	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the category of employee. Possible values are: • Remuneration • Representation

Field	Details
DiversityType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of employee. Possible values are: • Ability • Gender • Race or Ethnicity • Sexual Orientation
EmployeePercentage	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of employees according to the unique combination of category and type based on gender, age group, race and location.
EmployeeType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of employee that is a part of the fairness statistic. Possible values are: • Employees • Governance Body Members • Leadership
EmploymentType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of employment that's included in the fairness statistic. Possible values are: • All • Full Time Equivalent

Field	Details
	• Full-Time • Non-Employee • Non-Guaranteed Hours • Part-Time • Permanent • Temporary
Gender	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the gender of an employee. Possible values are: • Female • Male • Non-Binary • Not Disclosed • Other
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Location	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the location of an employee.

Field	Details
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Race	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the race of an employee.
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company. This field is a relationship field. Relationship Name SubsidiaryAccount Relationship Type Lookup Refers To Account

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

DivrsEquityInclSumChangeEvent (API Version 63.0)

Change events are available for the object.

DivrsEquityInclSumFeed

Feed tracking is available for the object.

DivrsEquityInclSumHistory

History is available for tracked fields of the object.

DivrsEquityInclSumShare

Sharing is available for the object.

EconomicPerformanceSum

Represents statistics about the direct economic value generated and distributed by an organization or the related income and expenses. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the country for which the economic performance statistics are being reported. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola

Field	Details
	• AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon

Field	Details
	• CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea

Field	Details
	• GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan

Field	Details
	• LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua

Field	Details
	• NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino

Field	Details
	• SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa

Field	Details
	• XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
Description	Type textarea Properties Create, Nillable, Update Description The description of the economic performance statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the economic performance statistics are generated. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Market	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the market for which the economic performance statistics are being reported.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PerformanceCategory	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the category of economic performance. Possible values are: • Distributed Value • Generated Value

Field	Details
	Retained Value
PerformanceType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of economic performance. Possible values are: - Capital Provider Payments - Community Investments - Employee Wages and Benefits - Government Payments - Operating Costs - Revenues
Region	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the region for which the economic performance statistics are being reported.
TotalAmount	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total economic performance amount according to a combination of performance category and performance type based on country, region, and market.
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company. This field is a relationship field. Relationship Name SubsidiaryAccount

Field	Details
	Relationship Type Lookup
	Refers To Account

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EconomicPerformanceSumChangeEvent (API Version 63.0)

Change events are available for the object.

EconomicPerformanceSumFeed

Feed tracking is available for the object.

EconomicPerformanceSumHistory

History is available for tracked fields of the object.

EconomicPerformanceSumShare

Sharing is available for the object.

ElectricityEmssnFctrSet

Represents the factors that are used to convert electricity usage into CO₂e, CO₂, CH₄, and N₂O values. This record holds data on the breakdown of sources of electricity by fuel type (grid mixes). This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Ch4EmissionRate	Type double
	Properties Create, Filter, Nillable, Sort, Update
	Description The CH4 emissions rate. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.

Field	Details
Ch4EmissionRateInTgwh	Type double Properties Filter, Nillable, Sort Description The CH4 emissions rate in tonnes per gigawatt hour. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
Ch4EmissionRateUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the CH4 output emission rate. Possible values are: • G_PER_KWH—g/kWh • KG_PER_KWH—kg/kWh • KG_PER_MWH—kg/MWh • LBS_PER_GWH—lbs/GWh • LBS_PER_MWH—lbs/MWh • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_MWH—tonnes/MWh The default value is 'KG_PER_KWH'.
City	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The city for which this electricity emissions factor set is valid.
Co2EmissionRate	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions rate. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
Co2EmissionRateInTmwh	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The CO2 emissions rate in tonnes per megawatt-hour. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
Co2EmissionRateUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the CO2 output emission rate. Possible values are: • G_PER_KWH—g/kWh • KG_PER_KWH—kg/kWh • KG_PER_MWH—kg/MWh • LBS_PER_GWH—lbs/GWh • LBS_PER_MWH—lbs/MWh • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_MWH—tonnes/MWh The default value is 'KG_PER_KWH'.
Co2eEmissionRate	Type double Properties Create, Filter, Nillable, Sort, Update Description The total annual CO2 equivalent output emission rate for a grid subregion that's calculated using the location-based method. This value will override the value calculated by using CO2, CH4, and N2O factors.
Co2eEmissionRateInTmwh	Type double Properties Filter, Nillable, Sort Description The total annual CO2 equivalent output emission rate in tonnes per megawatt-hour.
Co2eEmissionRateUnit	Type picklist

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the total CO2 equivalent output emission rate. Possible values are: • G_PER_KWH—g/kWh • KG_PER_KWH—kg/kWh • KG_PER_MWH—kg/MWh • LBS_PER_GWH—lbs/GWh • LBS_PER_MWH—lbs/MWh • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_MWH—tonnes/MWh The default value is 'KG_PER_KWH'.
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country for which this electricity emissions factor set is valid. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados

Field	Details
	• BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Cote d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia

Field	Details
	• DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HM—Heard Island and McDonald Islands • HN—Honduras

Field	Details
	• HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia

Field	Details
	- LY—Libya - MA—Morocco - MC—Monaco - MD—Moldova, Republic of - ME—Montenegro - MF—Saint Martin (French part) - MG—Madagascar - MK—North Macedonia - ML—Mali - MM—Myanmar - MN—Mongolia - MO—Macao - MQ—Martinique - MR—Mauritania - MS—Montserrat - MT—Malta - MU—Mauritius - MV—Maldives - MW—Malawi - MX—Mexico - MY—Malaysia - MZ—Mozambique - NA—Namibia - NC—New Caledonia - NE—Niger - NF—Norfolk Island - NG—Nigeria - NI—Nicaragua - NL—Netherlands - NO—Norway - NP—Nepal - NR—Nauru - NU—Niue - NZ—New Zealand - OM—Oman - PA—Panama - PE—Peru - PF—French Polynesia

Field	Details
	• PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad

Field	Details
	• TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.

Field	Details
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030

Field	Details
	• 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
EmissionsFactorType	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Indicates if this Electricity Emissions Factor is Location-based, Market-Based, or both. Possible values are: • LocationAndMarketBased—Location and Market-Based • LocationBased—Location-Based • MarketBased—Market-Based The default value is LocationAndMarketBased.
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description External Id of this emissions factor
GenlConversionFctrRevisionDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the electricity grid reference data for the emissions factors record is revised by the publishing authority.
GridSubregion	Type string

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The electricity grid subregion for which this electricity emissions factor set is valid.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
LocBasedGeothermalMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from geothermal source based on the region's grid mix data from governmental or non-governmental organizations.
LocBasedOtherFossilFuelMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from other fossil fuels based on the region's grid mix data from governmental or non-governmental organizations.
LocBasedRenewableEnergyPct	Type percent Properties Filter, Nillable, Sort

Field	Details
	Description The percentage of electricity generated from renewable resources such as biomass, geothermal, solar, wind, and hydroelectricity that's calculated based on the location-based data.
LocBsdRenewableEnrgyNonHydro	Type percent Properties Filter, Nillable, Sort Description The percentage of electricity generated from renewable resources such as biomass, geothermal, solar, and wind that's calculated based on the location-based data.
LocationBasedBiomassMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from biomass based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedCoalMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from coal based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedGasMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from gas based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedHydroMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The percentage of electricity generated from hydroelectric power source based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedMixPct	Type percent Properties Filter, Nillable, Sort Description The percentage of electricity generated from all sources based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedNuclearMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from nuclear power source based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedOilMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from oil based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedOtherFuelMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from other fuels based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedSolarMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The percentage of electricity generated from solar photovoltaic cells based on the region's grid mix data from governmental or non-governmental organizations.
LocationBasedWindMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from wind based on the region's grid mix data from governmental or non-governmental organizations.
MarketBasedBiomassMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from biomass based on the grid mix data from the electricity supplier.
MarketBasedCoalMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from coal based on the grid mix data from the electricity supplier.
MarketBasedGasMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from gas based on the grid mix data from the electricity supplier.
MarketBasedHydroMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The percentage of electricity generated from hydroelectric power source based on the grid mix data from the electricity supplier.
MarketBasedMixPct	Type percent Properties Filter, Nillable, Sort Description The percentage of electricity generated from all sources based on the grid mix data from the electricity supplier.
MarketBasedNuclearMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from nuclear power source based on the grid mix data from the electricity supplier.
MarketBasedOilMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from oil based on the grid mix data from the electricity supplier.
MarketBasedOtherFuelMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from other fuels based on the grid mix data from the electricity supplier.
MarketBasedSolarMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The percentage of electricity generated from solar photovoltaic cells based on the grid mix data from the electricity supplier.
MarketBasedWindMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from wind based on the grid mix data from the electricity supplier.
MktBasedGeothermalMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from geothermal power source based on the grid mix data from the electricity supplier.
MktBasedOtherFossilFuelMixPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of electricity generated from other fossil fuels based on the grid mix data from the electricity supplier.
MktBasedRenewableEnergyPct	Type percent Properties Filter, Nillable, Sort Description The percentage of electricity generated from renewable resources such as biomass, geothermal, solar, wind, and hydroelectricity that's calculated based on the market-based data.
MktBsdCh4EmssnRate	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The rate of market-based CH4 emissions. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
MktBsdCh4EmssnRateUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the unit of measure for the rate of market-based CH4 emissions output. Possible values are: • G_PER_KWH—g/kWh • KG_PER_KWH—kg/kWh • KG_PER_MWH—kg/MWh • LBS_PER_GWH—lbs/GWh • LBS_PER_MWH—lbs/MWh • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_MWH—tonnes/MWh The default value is KG_PER_KWH.
MktBsdCh4EmssnRtInTgwh	Type double Properties Filter, Nillable, Sort Description The rate of market-based CH4 emissions in tonnes per gigawatt hour. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
MktBsdCo2EmssnRate	Type double Properties Create, Filter, Nillable, Sort, Update Description The rate of market-based CO2 emissions. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
MktBsdCo2EmssnRateUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update

Field	Details
	Description Specifies the unit of measure for the rate of market-based CO2 emissions output. Possible values are: • G_PER_KWH—g/kWh • KG_PER_KWH—kg/kWh • KG_PER_MWH—kg/MWh • LBS_PER_GWH—lbs/GWh • LBS_PER_MWH—lbs/MWh • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_MWH—tonnes/MWh The default value is KG_PER_KWH.
MktBsdCo2EmssnRtInTmwh	Type double Properties Filter, Nillable, Sort Description The rate of market-based CO2 emissions in tonnes per megawatt hour. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
MktBsdCo2eEmissionRate	Type double Properties Create, Filter, Nillable, Sort, Update Description The annual carbon dioxide equivalent output emission rate that's calculated based on the market-based data of the electricity grid subregion.
MktBsdCo2eEmissionRateInTmwh	Type double Properties Filter, Nillable, Sort Description The annual carbon dioxide equivalent output emission rate that's calculated based on the market-based data.
MktBsdCo2eEmissionRateUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update

Field	Details
	Description The unit of measure for the carbon dioxide equivalent market-based output emission rate. Possible values are: • G_PER_KWH—g/kWh • KG_PER_KWH—kg/kWh • KG_PER_MWH—kg/MWh • LBS_PER_GWH—lbs/GWh • LBS_PER_MWH—lbs/MWh • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_MWH—tonnes/MWh The default value is 'KG_PER_KWH'.
MktBsdDataSrcType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the type of data source of the market-based conversion factor for the electricity emissions factor. Possible values are: • ContractsForElectricityPurchase—Contracts for Electricity Purchase • EnergyAttributeCertificate—Energy Attribute Certificate • ResidualMixData—Residual Mix Data • SupplierOrUtilityEmissionRates—Supplier or Utility Emission Rates
MktBsdElectrSupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier of electricity associated with this electricity emissions factor. This field is a relationship field. Relationship Name MktBsdElectrSupplier Relationship Type Lookup Refers To Supplier

Field	Details
MktBsdN2oEmssnRate	Type double Properties Create, Filter, Nillable, Sort, Update Description The rate of market-based N2O emissions. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
MktBsdN2oEmssnRateUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the unit of measure for the rate of market-based N2O emissions output. Possible values are: • G_PER_KWH—g/kWh • KG_PER_KWH—kg/kWh • KG_PER_MWH—kg/MWh • LBS_PER_GWH—lbs/GWh • LBS_PER_MWH—lbs/MWh • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_MWH—tonnes/MWh The default value is KG_PER_KWH.
MktBsdN2oEmssnRtInTgwh	Type double Properties Filter, Nillable, Sort Description The rate of market-based N2O emissions in tonnes per gigawatt hour. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
MktBsdRenewableEnrgyNonHydro	Type percent Properties Filter, Nillable, Sort Description The percentage of electricity generated from renewable resources such as biomass, geothermal, solar, and wind that's calculated based on the market-based data.

Field	Details
N2oEmissionRate	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions rate. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
N2oEmissionRateInTgwh	Type double Properties Filter, Nillable, Sort Description The N2O emissions rate in tonnes per gigawatt hour. This field is informational only and doesn't impact the carbon dioxide equivalent calculations.
N2oEmissionRateUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the N2O output emission rate. Possible values are: • G_PER_KWH—g/kWh • KG_PER_KWH—kg/kWh • KG_PER_MWH—kg/MWh • LBS_PER_GWH—lbs/GWh • LBS_PER_MWH—lbs/MWh • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_MWH—tonnes/MWh The default value is 'KG_PER_KWH'.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OtherEmssnFctrId	Type reference

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The other emissions factor set record containing global warming potential values for CH4 and N2O. This is a relationship field. Relationship Name OtherEmssnFctr Relationship Type Lookup Refers To OtherEmssnFctrSet
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PostalCodeSet	Type textarea Properties Create, Nillable, Update Description The valid postal codes for this electricity emissions factor set.
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field.

Field	Details
	Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code> .
State	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The state for which this electricity emissions factor set is valid.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ElectricityEmssnFctrSetFeed

Feed tracking is available for the object.

ElectricityEmssnFctrSetHistory

History is available for tracked fields of the object.

ElectricityEmssnFctrSetShare

Sharing is available for the object.

EmissionsActivity

Represents a company's emission generating activities and the greenhouse gas categories that are used to aggregate emissions for these activities. This object is available in API version 54.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`

Fields

Field	Details
DataSourceType	Type picklist Properties Defaulted on create, Filter, Group, Restricted picklist, Sort Description The source of the emissions activity data. The activity data can be seeded values that can't be changed or deleted or user-defined values. Possible values are: - Seeded - User Defined The default value is 'Seeded'.
EmissionsScopeCategory	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The scope category of the emissions generated by the activity. Possible values are: - All Emissions - Scope 1 - Scope 2 - Scope 3
IsLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record is locked or not. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.

Field	Details
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MayEdit	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record can be edited or not. The default value is 'false'.
Name	Type string Properties Filter, Group, idLookup, Sort Description The name of the emissions activity record.
OwnerId	Type reference Properties Filter, Group, Sort Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EmissionsActivityFeed

Feed tracking is available for the object.

EmissionsActivityHistory

History is available for tracked fields of the object.

EmissionsActivityShare

Sharing is available for the object.

EmissionsAllocation

Represents information about the emissions from a child or partner account that are allocated to an account. This object is available in API version 58.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AllocatedFromAccountId	Type reference Properties Create, Filter, Group, Sort, Update Description The child or partner account from which the emissions are allocated to the parent account. This field is a relationship field. Relationship Name AllocatedFromAccount Relationship Type Lookup Refers To Account
AllocatedFromGhgCategory	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the GHG category of the child or partner account from which the emissions are allocated to the parent account. Possible values are:

Field	Details
	• Business Travel • Capital Goods • Downstream Leased Assets • Downstream Transportation and Distribution • Employee Commuting • End-of-Life Treatment of Sold Products • Franchises • Fuel and Energy-Related Activities • Investments • Processing of Sold Products • Purchased Goods and Services • Uncategorized • Upstream Leased Assets • Upstream Transportation and Distribution • Use of Sold Products • Waste Generated In Operations
AllocatedFromScope	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the scope of the child or partner account from which the emissions are allocated to the parent account. Possible values are: • Scope1—Scope 1 • Scope1AndScope2—Scope 1 and Scope 2 • Scope2—Scope 2 • Scope3—Scope 3 • TotalEmissions—Total Emissions
AllocatedToAccountId	Type reference Properties Create, Filter, Group, Sort, Update Description The parent account to which the emissions are allocated. This field is a relationship field.

Field	Details
	Relationship Name AllocatedToAccount Relationship Type Lookup Refers To Account
AllocatedToGhgCategory	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the GHG category of the parent account to which the emissions are allocated. Possible values are: • Franchises • Investments
AllocatedToScope	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the scope of the parent account to which the emissions are allocated. Possible values are: • Scope1—Scope 1 • Scope2—Scope 2 • Scope3—Scope 3
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name for this energy use record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Percentage	Type percent Properties Create, Filter, Sort, Update Description The percentage of emissions from a child or partner account that are allocated to the parent account.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[EmissionsAllocationFeed](#)

Feed tracking is available for the object.

[EmissionsAllocationHistory](#)

History is available for tracked fields of the object.

EmissionsAllocationShare

Sharing is available for the object.

EmissionsForecastFact

Represents information about the time periods, measures, and dimensions used to forecast the emissions of a company. The emissions forecast of the company is generated based on its business measures such as revenue or employee count, and the actual emissions data from previous years. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AccountId	Type reference Properties Create, Filter, Group, Sort, Update Description The account for which the emissions are being forecasted. This is a relationship field. Relationship Name Account Relationship Type Lookup Refers To Account
ActualEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The actual emissions for the emissions activity in the specified forecasting year. This value is from the annual emissions inventory record and is based on the activity source type. For example, if the source of the emissions activity is business travel, the emissions from business travel value in the annual emissions inventory record is used.

Field	Details
ActualEmissionsIntensity	Type double Properties Create, Filter, Nillable, Sort, Update Description The ratio of actual emissions of an emissions activity to the value of the underlying forecasting measure, such as revenue, number of employees, or office space.
ActualEnergyConsumption	Type double Properties Create, Filter, Nillable, Sort, Update Description The actual energy consumption for commercial buildings or data centers generating scope 2 emissions. This value is the total energy consumption value in the annual emissions inventory record. The appropriate value is determined based on whether the emissions activity is related to commercial buildings or data centers.
ActualLocationBasedEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The actual location-based emissions from electricity-related emissions activity in the forecasting year. This value is the total scope 2 location-based emissions value in the annual emissions inventory record. The appropriate value is determined based on whether the emissions activity is related to commercial buildings or data centers.
ActualMarketBasedEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The actual market-based emissions from electricity-related emissions activity in the forecasting year. This value is the total scope 2 market-based emissions value in the annual emissions inventory record. The appropriate value is determined based on whether the emissions activity is related to commercial buildings or data centers.
ActualRenewableEnergyCnsmPct	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The consumption percentage of electricity generated from renewable energy by commercial buildings and data centers generating scope 2 emissions. This value is the total renewable energy consumption value in the annual emissions inventory record. The appropriate value is determined based on whether the emissions activity is related to commercial buildings or data centers.
AdvAcctForecastSetPartnerId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The advanced account forecast set partner record that associates a partner with a forecast set. This value is required to view the forecasting grid. This is a relationship field. Relationship Name AdvAcctForecastSetPartner Relationship Type Lookup Refers To AdvAcctForecastSetPartner
CarbonCreditCost	Type double Properties Create, Filter, Nillable, Sort, Update Description The forecasted cost of the carbon credits in USD per tCO2e.
EmissionsActivityId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The emissions activity record for which the emissions are being forecasted. This is a relationship field. Relationship Name EmissionsActivity Relationship Type Lookup

Field	Details
	Refers To EmissionsActivity
FinalForecastedEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The final forecasted emissions value is calculated by deducting the planned internal and external emissions reductions from the forecasted emissions. If a forecasted emissions override is specified, the override becomes the final forecasted emissions.
ForcstEmssnIntensityRdctnPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The forecasted percentage of emissions intensity reduction for the emissions activity of the previous year. This value is required to reduce emissions. For example, as the revenue increases, this intensity reduction percentage ensures that the forecasted emissions don't increase.
ForcstRenewableEnergyCnsmPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The forecasted consumption percentage of electricity generated from renewable energy that overrides the target renewable energy consumption percentage.
ForecastedEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The forecasted emissions for the specified emissions activity in the forecasting year that's calculated based on the forecasting measures and emissions activity.
ForecastedEmissionsIntensity	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The forecasted emissions intensity that's calculated by dividing the emissions intensity for the emissions activity by the forecasting metric.
ForecastedEmissionsOverride	Type double Properties Create, Filter, Nillable, Sort, Update Description The emissions value that overrides the forecasted emissions value.
ForecastedEnergyConsumption	Type double Properties Create, Filter, Nillable, Sort, Update Description The forecasted energy consumption for the year.
ForecastedLocationBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The forecasted location-based emissions from the electricity consumed for the year.
ForecastedMarketBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The forecasted market-based emissions from the electricity consumed for the year.
Headcount	Type double Properties Create, Filter, Nillable, Sort, Update Description The number of employees and contractors of the company by year.
IsLocked	Type boolean

Field	Details
	Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record is locked or not. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MayEdit	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record can be edited or not. The default value is 'false'.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the record.
NetEmissionsForecast	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The forecasted value of the emissions that must be reduced after accounting for the planned carbon offsets for a year.
OtherApplnForecastedEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The emissions value that's forecasted by an application other than Sustainability Cloud. This value can be added in Sustainability Cloud through an automated process or by manual entry. Users can refer to this value when generating forecasts in Sustainability Cloud.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The period for which the forecasting data is created. This period is typically a year for Sustainability Cloud. This is a relationship field. Relationship Name Period Relationship Type Lookup Refers To Period

Field	Details
PlannedCarbonCredits	Type double Properties Create, Filter, Nillable, Sort, Update Description The carbon credits that have been planned to be allocated for an emissions activity for a year.
PlannedCarbonCreditsInvst	Type currency Properties Create, Filter, Nillable, Sort, Update Description The cost incurred to invest in the carbon credits that are planned for the future.
PlnOperationalEmissionsRdctn	Type double Properties Create, Filter, Nillable, Sort, Update Description The planned reduction of emissions from the operational initiatives of the annual emissions activity.
PlnSupplierEmissionsRdctn	Type double Properties Create, Filter, Nillable, Sort, Update Description The planned reduction of emissions from the supplier initiatives of the annual emissions activity.
ProcurementSpend	Type currency Properties Create, Filter, Nillable, Sort, Update Description The amount spent on procurement of material and services from suppliers.
RequiredCarbonCredits	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The carbon credits that are required to meet target compensated emissions. This value is the difference between the valid forecasted emissions and the target compensated emissions.
RequiredCarbonCreditsInvst	Type currency Properties Create, Filter, Nillable, Sort, Update Description The cost incurred to invest in the carbon credits that are required for the future.
Revenue	Type currency Properties Create, Filter, Nillable, Sort, Update Description The revenue of the company by year.
Status	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description The status of the combination of forecast year, measure, account, and emissions activity record. Possible values are: • Active • Inactive The default value is 'Active'.
TargetCompensatedEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The target emissions value for the specified emissions activity in the forecasting year. This value is from the annual emissions reduction target record when the target type is Net Zero Emissions.
TargetEmissions	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The target emissions for the specified emissions activity in the forecasting year. This value is from the annual emissions reduction target record when the target type is Emissions Reduction.
TargetRenewableEnergyPct	Type double Properties Create, Filter, Nillable, Sort, Update Description The percentage of target renewable energy consumption for electricity. This value is from the annual emissions reduction target record when the target type is Renewable Energy Consumption.
TotalFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The total floor area occupied by the company.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[EmissionsForecastFactFeed](#)

Feed tracking is available for the object.

[EmissionsForecastFactHistory](#)

History is available for tracked fields of the object.

[EmissionsForecastFactShare](#)

Sharing is available for the object.

EmploymentCompensationSummary

Represents information about stakeholder engagement to assess the importance of environmental, social, and governance (ESG) issues for them. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AverageHourlyWage	Type currency Properties Create, Filter, Nillable, Sort, Update Description The average hourly wage of the employees.
Description	Type textarea Properties Create, Nillable, Update Description The description of this summary.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the employee wage summary is generated. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
FacilityType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of facility that the employees are working in.

Field	Details
	Possible values are: • Lodging • Store
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MinimumWageEmployeePercent	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of employees earning the minimum wage.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of this summary.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field.

Field	Details
	Relationship Name Owner
	Relationship Type Lookup
	Refers To Group, User
Region	Type picklist
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description Specifies the region that the employees belongs to. Possible values are: • AMER • APAC • EMEA
SubsidiaryAccountId	Type reference
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description The account that's identified as the supplier account. This field is a relationship field.
	Relationship Name SubsidiaryAccount
	Relationship Type Lookup
	Refers To Account

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[EmploymentCompensationSummaryFeed](#)

Feed tracking is available for the object.

[EmploymentCompensationSummaryHistory](#)

History is available for tracked fields of the object.

EmploymentCompensationSummaryShare

Sharing is available for the object.

EmpBenefitSummary

Represents statistics about benefits provided to employees and the usage of benefits. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
BenefitUsage	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the status of the benefit that's used by the employee. Possible values are: - Entitled - Returned - Used
Description	Type textarea Properties Create, Nillable, Update Description The description of the employee benefit statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The unique identifier of the reporting period. This field is a relationship field.

Field	Details
	Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
EmployeeBenefitType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of benefit offered by the organization. Possible values are: • Disability and Invalidity Coverage • Health Care • Life Insurance • Other • Parental Leave • Retirement Provision • Stock Ownership
EmployeeCount	Type double Properties Create, Filter, Nillable, Sort, Update Description The number of employees receiving the benefit.
EmployeePercentage	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of employees receiving the benefit.
EmploymentType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description Specifies the type of employment. Possible values are: • All • Full-Time • Full-Time Equivalent • Non-Employee • Non-Guaranteed Hours • Part-Time • Permanent • Temporary
IsEmployeeEligible	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the employee is eligible for the benefit (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort

Field	Details
	Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PercentageCalcType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of calculation used to determine the percentage of employees who received the benefit. Possible values are: - Retention - Return to Work
PrimaryLocation	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The primary location from where the organization operates.
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company.

Field	Details
	This field is a relationship field.
	Relationship Name SubsidiaryAccount
	Relationship Type Lookup
	Refers To Account

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EmpBenefitSummaryChangeEvent (API Version 63.0)

Change events are available for the object.

EmpBenefitSummaryFeed

Feed tracking is available for the object.

EmpBenefitSummaryHistory

History is available for tracked fields of the object.

EmpBenefitSummaryShare

Sharing is available for the object.

EmployeeDevelopmentSum

Represents statistics about training and development provided to upskill the employees. This object is available in API version 57.0 and later.



Note: Our platform provides you with the option to track data that you deem appropriate. We don't mandate or require you to enter any specific data. The decision to enter and track information, as well as the nature and extent of that data, rests solely with you.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AverageTrainingTime	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The average training time that the employees have undertaken based on the gender or employee category.
Description	Type textarea Properties Create, Nillable, Update Description The description of the employee development statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the employee development statistics are generated. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
EmployeeCount	Type double Properties Create, Filter, Nillable, Sort, Update Description The total number of employees who attended the program based on the gender and employee category.
EmployeePercentage	Type percent Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The percentage of employees who attended the program based on the gender and employee type.
EmployeeType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of employees who attended the employee development program. Possible values are: - Contractor - Full-Time - Part-Time
Gender	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the gender of employees who attended the employee development program. Possible values are: - Female - Male - Non-Binary - Not Disclosed - Other
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ProgramCategory	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the category of the employee development program. Possible values are: • Performance and Development Review • Training
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company.

Field	Details
	This field is a relationship field.
	Relationship Name SubsidiaryAccount
	Relationship Type Lookup
	Refers To Account

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EmployeeDemographicSumChangeEvent (API Version 63.0)

Change events are available for the object.

EmployeeDemographicSumFeed

Feed tracking is available for the object.

EmployeeDemographicSumHistory

History is available for tracked fields of the object.

EmployeeDemographicSumShare

Sharing is available for the object.

EmployeeDemographicSum

Represents statistics about employees based on their demographic information, such as employee count by age group, by gender, and by region. This object is available in API version 57.0 and later.



Note: Our platform provides you with the option to track data that you deem appropriate. We don't mandate or require you to enter any specific data. The decision to enter and track information, as well as the nature and extent of that data, rests solely with you.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AgeGroup	Type picklist

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the age group of an employee.
Description	Type textarea Properties Create, Nillable, Update Description The description of the employee statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the employee statistics are generated. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
EmployeeCount	Type double Properties Create, Filter, Nillable, Sort, Update Description The total number of employees based on a combination of employment type, work type, gender, age group, and region.
EmploymentType	Type picklist Properties Create, Filter, Group, Sort, Update Description Specifies the type of employment. Possible values are:

Field	Details
	• All • Full-Time • Full-Time Equivalent • Non-Employee • Non-Guaranteed Hours • Part-Time • Permanent • Temporary
Gender	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the gender of an employee. Possible values are: • Female • Male • Non-Binary • Not Disclosed • Other
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string

Field	Details
	Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Percentage	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of employees based on a combination of employment type, work type, gender, age group, and region.
Region	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the region of an employee.
ReportType	Type picklist Properties Create, Filter, Group, Sort, Update Description Specifies the type of report that uses the employee statistics. Possible values are:

Field	Details
	• Headcount • New Hire • Turnover
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company. This field is a relationship field. Relationship Name SubsidiaryAccount Relationship Type Lookup Refers To Account
WorkType	Type picklist Properties Create, Filter, Group, Sort, Update Description Specifies the type of work done by the employee. Possible values are: • Accounting • Human Resource

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[EmployeeDevelopmentSumChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[EmployeeDevelopmentSumFeed](#)

Feed tracking is available for the object.

[EmployeeDevelopmentSumHistory](#)

History is available for tracked fields of the object.

[EmployeeDevelopmentSumShare](#)

Sharing is available for the object.

EmssnRdctnCommitment

Represents information about a company's commitment to reducing its carbon emissions. This commitment is in line with the Paris Agreement's goal to achieve a low-carbon future. For example, companies sign the Business Ambition for 1.5°C commitment letter and commit to set emission reduction targets to limit temperature rise to 1.5°C above pre-industrial levels. This object is available in API version 54.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`

Fields

Field	Details
ApprovalDate	Type date Properties Filter, Group, Nillable, Sort Description The date when the climate body approves the commitment.
CommitmentLetterId	Type reference Properties Filter, Group, Nillable, Sort Description The commitment letter that was pledged by the company. This is a relationship field. Relationship Name CommitmentLetter Relationship Type Lookup Refers To ContentDocument
CommitmentProgram	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The climate commitment program that the company associates itself with. Possible values are:

Field	Details
	• Custom • ScienceBasedTargetsInitiative—Science Based Targets Initiative • TheClimatePledge—The Climate Pledge
CommitmentType	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The type of climate commitment made by the company. A company committing to 1.5° Celsius emissions reduction target must set targets across all the greenhouse gas scopes in line with 1.5° Celsius emission scenarios. A company committing to a net-zero emissions reduction target must set a long-term science-based target to reach net-zero value chain greenhouse gas emissions by no later than 2050. It must also set interim targets across all the relevant greenhouse gas scopes. The targets must be set in line with the criteria and recommendations of the Science Based Targets initiative. Possible values are: • Custom • NetZero—Net Zero • OnePointFiveDegreeCelsius—1.5° Celsius • TwoDegreeCelsius—2° Celsius • WellBelowTwoDegreeCelsius—Well Below 2° Celsius
CompanyBusinessRegion	Type picklist Properties Filter, Group, Nillable, Sort Description The business region in which the company operates. Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East

Field	Details
	• North America • South America • Southeast Asia
CompanyEmployeeCount	Type int Properties Filter, Group, Nillable, Sort Description The total number of employees in the company. The employee count determines whether the company is a small and medium enterprise (SME) or not.
CompanySector	Type multipicklist Properties Filter Description The sector in which the company operates based on the SBTi sector classification. Possible values are: • Aerospace and Defense • Air Freight Transportation and Logistics • Air Transportation - Airlines • Air Transportation - Airport Services • Automobiles and Components • Banks, Diverse Financials, Insurance • Building Products • Chemicals • Construction Materials • Construction and Engineering • Consumer Durables, Household and Personal Products • Containers and Packaging • Education Services • Electric Utilities and Independent Power Producers and Energy Traders (including fossil, alternative and nuclear energy) • Electrical Equipment and Machinery • Food Production - Agricultural Production • Food Production - Animal Source Food Production • Food and Beverage Processing • Food and Staples Retailing

Field	Details
	• Forest and Paper Products - Forestry, Timber, Pulp and Paper, Rubber • Gas Utilities • Ground Transportation - Highways and Railtracks • Ground Transportation - Railroads Transportation • Ground Transportation - Trucking Transportation • Healthcare Equipment and Supplies • Healthcare Providers and Services, and Healthcare Technology • Homebuilding • Hotels, Restaurants and Leisure, and Tourism Services • Media • Mining - Coal • Mining - Iron, Aluminum, Other Metals • Mining - Other (Rare Minerals, Precious Metals andGems) • NGO • Oil and Gas • Pharmaceuticals, Biotechnology and Life Sciences • Professional Services • Public Agencies • Real Estate • Retailing • Semiconductors and Semiconductors Equipment • Software and Services • Solid Waste Management Utilities • Specialized Consumer Services • Specialized financial services, consumer finance, insurance brokerage firms • Technology Hardware and Equipment • Telecommunication Services • Textiles, Apparel, Footwear and Luxury Goods • Tires • Tobacco • Trading Companies and Distributors, and Commercial Services and Supplies • Water Transportation - Ports and Services • Water Transportation - Water Transportation • Water Utilities

Field	Details
CompanyType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The type of the company. Possible values are: • International • NGOorNonProfit—NGO or Non-Profit • Private • Public • StateOwned—State-Owned
CustomCommitmentProgram	Type string Properties Filter, Group, Nillable, Sort Description The climate commitment program that the company associates itself with when the commitment program is Custom.
CustomCommitmentType	Type string Properties Filter, Group, Nillable, Sort Description The type of climate commitment made by the company when the commitment type is Custom.
IsLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record is locked or not. The default value is 'false'.
IsSmallandMediumEnterprise	Type boolean Properties Defaulted on create, Filter, Group, Sort

Field	Details
	Description Indicates whether the company is a small and medium enterprise (SME) or not based on the company's employee count. A company with fewer than 500 employees is considered a small and medium enterprise (SME). The default value is 'false'.
IsTargetUsedForForecasting	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether to use the emissions reduction target record related to this commitment record for emissions forecasting. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MayEdit	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record can be edited or not. The default value is 'false'.
Name	Type string

Field	Details
	Properties Filter, Group, idLookup, Sort Description The name of the emissions reduction commitment record.
OwnerId	Type reference Properties Filter, Group, Sort Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PrimaryContactId	Type reference Properties Filter, Group, Nillable, Sort Description The primary contact to communicate about the company's climate commitment. This is a relationship field. Relationship Name PrimaryContact Relationship Type Lookup Refers To Contact
Status	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The status of the climate commitment made by the company. Possible values are:

Field	Details
	- Committed - InProgress—In Progress - InternallyApproved—Internally Approved - SubmittedForInternalApproval—Submitted for Internal Approval - SubmittedToClimateBody—Submitted to Climate Body
TargetSettingDueDate	Type date Properties Filter, Group, Nillable, Sort Description The date by when the company must set their emissions targets after the commitment was approved.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EmssnRdctnCommitmentFeed

Feed tracking is available for the object.

EmssnRdctnCommitmentHistory

History is available for tracked fields of the object.

EmssnRdctnCommitmentShare

Sharing is available for the object.

EmssnReductionTarget

Represents information about the science-based or non-science-based target set by a company to fulfill its emissions reduction commitment. This target indicates the company's emissions reduction goal. A company's emissions reduction goal could be to reduce carbon emissions or increase renewable energy for reaching a target metric tonnes of CO₂e (tCO₂e) within a specific timeframe. This object is available in API version 54.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`

Special Access Rules

Fields

Field	Details
AbsoluteContractionPercentage	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The percentage of annual contraction when using the SBTi's absolute contraction method of target-setting. 2.5% annual linear reduction is recommended for SBTi WB2C targets and 4.2% annual linear reduction is recommended for SBTi 1.5C targets. Possible values are: 2.5PERCENTANNUALREDUCTION—2.5% Annual Linear Reduction 4.2PERCENTANNUALREDUCTION—4.2% Annual Linear Reduction - CUSTOM—Custom
ActivityUnit	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The unit used for measuring the base year activity and target year activity. Possible values are: - DOLLAR_VALUE_ADDED—Dollar Value Added - MEGAWATT_HOUR_OF_ELECTRICITY—Megawatt-hour of Electricity - REVENUE_PASSENGER_KILOMETER—Revenue Passenger Kilometer - SQUARE_METER—Square Meter - TONS_OF_ALUMINUM—Tons of Aluminum - TONS_OF_CEMENT—Tons of Cement - TONS_OF_PAPER_AND_CARDBOARD—Tons of Paper and Cardboard - TONS_OF_STEEL—Tons of Steel
AnnualEmissionsInventoryId	Type reference Properties Filter, Group, Sort

Field	Details
	Description The base year's annual emissions inventory record that's related to the emission reduction target record. This is a relationship field. Relationship Name AnnualEmissionsInventory Relationship Type Lookup Refers To AnnualEmssnInventory
BaseYear	Type double Properties Filter, Nillable, Sort Description The year of the related annual emissions inventory record.
BaseYearActivity	Type double Properties Filter, Nillable, Sort Description The amount of activity in the base year that's used to calculate emission reduction using the economic intensity or sectoral decarbonization methods.
BaseYearEmissionIntensity	Type double Properties Filter, Nillable, Sort Description The level of emissions per unit of economic activity in the base year. This value is usually the dollar value added or the unit of production in the base year that's derived from the related annual emissions inventory record.
BaseYearEmissions	Type double Properties Filter, Nillable, Sort Description The base year's emissions value in the related annual emissions inventory record.

Field	Details
BusinessLine	Type string Properties Filter, Group, Nillable, Sort Description The line of business for which the emissions reduction target is being set when the selected target level is Business Line.
BusinessRegion	Type picklist Properties Filter, Group, Nillable, Sort Description The business region for which the emissions reduction target is being set when the selected target level is Business Region. Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East • North America • South America • Southeast Asia
Category	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The category of the emissions reduction target. Possible values are: • OTHER—Other • SCIENCEBASED—Science-Based

Field	Details
Country	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The country for which the emissions reduction target is being set when the selected target level is Country. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil

Field	Details
	• BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia

Field	Details
	• FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy

Field	Details
	• JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique

Field	Details
	• MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia

Field	Details
	• RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan

Field	Details
	• TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
CustomAbsoluteContractionPct	Type percent Properties Filter, Nillable, Sort Description The custom percentage of annual emission contraction when using the SBTi's absolute contraction method of target-setting.
CustomTargetSettingMethod	Type string Properties Filter, Group, Nillable, Sort Description The method used for setting the target when target setting method is Custom.
CustomTargetType	Type string Properties Filter, Group, Nillable, Sort

Field	Details
	Description The type of emissions reduction target when the target type is Custom.
Description	Type string Properties Filter, Group, Nillable, Sort Description The description of the emissions reduction target record.
EmissionsActivityId	Type reference Properties Filter, Group, Sort Description The emissions activity record that's related to the emissions reduction target record. This is a relationship field. Relationship Name EmissionsActivity Relationship Type Lookup Refers To EmissionsActivity
EmssnRdctnCommitmentId	Type reference Properties Filter, Group, Sort Description The emissions-reduction commitment record for which target is being set. This is a relationship field. Relationship Name EmssnRdctnCommitment Relationship Type Lookup Refers To EmssnRdctnCommitment
IsLocked	Type boolean

Field	Details
	Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record is locked or not. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Level	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The level at which the emissions reduction target is being set. Possible values are: • BUSINESSLINE—Business Line • BUSINESSREGION—Business Region • COMPANY—Company • COUNTRY—Country
MayEdit	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record can be edited or not. The default value is 'false'.

Field	Details
Name	Type string Properties Filter, Group, idLookup, Sort Description The name of the emissions reduction target record.
OtherTargetKpi	Type picklist Properties Filter, Group, Nillable, Sort Description The key performance indicator (KPI) of targets when the target setting method is Other. Possible values are: • Renewable Energy Electricity Percentage • Supplier Engagement Percentage
OtherTargetKpiChangePercentage	Type percent Properties Filter, Nillable, Sort Description The targeted percentage of change in the key performance indicators (KPI) from the base year to the target year.
OtherTargetKpiInBaseYear	Type double Properties Filter, Nillable, Sort Description The key performance indicator (KPI) of targets in the base year when the target setting method is Other.
OtherTargetKpiInTargetYear	Type double Properties Filter, Nillable, Sort Description The key performance indicator (KPI) of targets in the target year when the target setting method is Other.

Field	Details
OwnerId	Type reference Properties Filter, Group, Sort Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
TargetEmissionsCalculator	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The application that's used to calculate the emissions target. Possible values are: • OTHER—Other • SBTITOOL—SBTi Tool • SUSTAINABILITYCLOUD—Salesforce Net Zero Cloud
TargetEmssnChangePercentage	Type percent Properties Filter, Nillable, Sort Description The targeted percentage of change in emissions from the base year to the target year.
TargetEmssnIntensityChangePct	Type percent Properties Filter, Nillable, Sort Description The targeted percentage of change in emissions intensity from the base year to the target year.

Field	Details
TargetSettingMethod	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The method used for setting the target. Possible values are: • ABSOLUTECONTRACTION—Absolute Contraction • CUSTOM—Custom • ECONOMICINTENSITY—Economic Intensity • PHYSICALINTENSITY—Physical Intensity • SECTORALDECARBONIZATION—Sectoral Decarbonization
TargetType	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The type of emissions reduction target. Possible values are: • CUSTOM—Custom • EMISSIONREDUCTIONTARGET—Emission Reduction Target • NETZEROEMISSIONSTARGET—Net Zero Emissions Target • RENEWABLEENERGYTARGET—Renewable Energy Target • SUPPLIERENGAGEMENTTARGET—Supplier Engagement Target
TargetYear	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The year for which the emissions reduction target is set. The target year is determined by adding the number of years for which the target is set to the base year. Possible values are: • 2015 • 2016 • 2017 • 2018 • 2019

Field	Details
	• 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040 • 2041 • 2042 • 2043 • 2044 • 2045 • 2046 • 2047 • 2048 • 2049 • 2050 • 2051 • 2052 • 2053 • 2054 • 2055 • 2056 • 2057

Field	Details
	• 2058 • 2059 • 2060
TargetYearActivity	Type double Properties Filter, Nillable, Sort Description The amount of activity in the target year that's used to calculate emission reduction using economic intensity or sectoral decarbonization methods.
TargetYearEmissions	Type double Properties Filter, Nillable, Sort Description The emissions targeted for in the target year.
TargetYearEmissionsIntensity	Type double Properties Filter, Nillable, Sort Description The level of emissions per unit of economic activity in the target year. This value is usually the dollar value added or the unit of production in the target year.
TargetYearOutputCalcType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The measure that's used to calculate the company's output in the target year when the selected target setting method is Economic Intensity or Sectoral Decarbonization. The output can be calculated by aligning the company's growth with its market sector or based on the company's projected activity growth in the target year. Possible values are: • FIXEDMARKETSHARE—Fixed Market Share • TARGETMARKETSHARE—Target Market Share

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[EmssnReductionTargetFeed](#)

Feed tracking is available for the object.

[EmssnReductionTargetHistory](#)

History is available for tracked fields of the object.

[EmssnReductionTargetShare](#)

Sharing is available for the object.

EnergyAttrCertCredit

Represents information about the energy attribute certificate credits related to energy attribute certificate purchase. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>CleanEnergyProjectId</code>	Type reference Properties Filter, Group, Nillable, Sort Description The clean energy project related to the energy attribute certificate purchase that's associated with the purchase of energy attribute certificate credits. This field is a relationship field. Relationship Name CleanEnergyProject Relationship Type Lookup Refers To CleanEnergyProject
<code>CleanEnergyType</code>	Type picklist

Field	Details
	Properties Filter, Group, Nillable, Restricted picklist, Sort Description The clean energy type from clean energy project related to the energy attribute certificate purchase that's associated with the purchase of energy attribute certificate credits. Possible values are: • Biomass • Geothermal • Solar • Wind
CostPerUnit	Type currency Properties Create, Filter, Nillable, Sort, Update Description The cost of the credits for each unit of emissions.
CreditsAllocatedInMwh	Type double Properties Filter, Nillable, Sort Description The credits that are allocated to the emissions inventory of the organization measured in megawatt hour (MWh).
CreditsAvailableInMwh	Type double Properties Filter, Nillable, Sort Description The credits that are available after allocation measured in megawatt hour (MWh).
CreditsIssueDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the credits were issued.

Field	Details
CreditsPurchasedInMwh	Type double Properties Create, Filter, Sort, Update Description The credits that are purchased by the organization measured in megawatt hour (MWh).
CreditsRetiredDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the credits are retired from the registry.
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the energy attribute certificate credit record.
EnergyAttrCertPurchaseId	Type reference Properties Create, Filter, Group, Sort, Update Description The energy attribute certificate purchase record that's associated with the purchase of energy attribute certificate credits. This field is a relationship field. Relationship Name EnergyAttrCertPurchase Relationship Type Lookup Refers To EnergyAttrCertPurchase
IsRetired	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description Indicates whether the energy attribute certificate credit is retired (<code>true</code>) or not (<code>false</code>) so it can be allocated to the stationary asset energy use records. The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the energy attribute certificate credit record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User

Field	Details
PurchaseDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the energy attribute certificate credits were purchased.
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the organization responsible for supplying the energy attribute certificate credits. This field is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
TotalCost	Type currency Properties Filter, Nillable, Sort Description The total amount spent on the credits.
VintagePeriod	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The period when the energy attribute certificate credits were issued.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[EnergyAttrCertCreditFeed](#)

Feed tracking is available for the object.

EnergyAttrCertCreditHistory

History is available for tracked fields of the object.

EnergyAttrCertCreditShare on page 771

Sharing is available for the object.

EnergyAttrCertPurchase

Represents information about the purchase of energy attribute certificates from the clean energy project supplier. The information includes terms of engagement and the delivery type of energy attribute certificate. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CertifiedBy	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the organization that certified the clean energy project at the time of purchase.
CleanEnergyProjectId	Type reference Properties Create, Filter, Group, Sort, Update Description The clean energy project associated with the energy attribute certificate purchase. This field is a relationship field. Relationship Name CleanEnergyProject Relationship Type Lookup Refers To CleanEnergyProject
Description	Type string

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the energy attribute certificate purchase.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The end date of the engagement with the power supplier.
ExpectedAnnualPowerGnrn	Type double Properties Create, Filter, Nillable, Sort, Update Description The expected annual power generation measured in megawatts (MW).
InvoiceNumber	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The invoice number associated with the energy attribute certificate purchase.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.

Field	Details
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the energy attribute certificate purchase record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PlannedAnnualPowerGnrn	Type double Properties Create, Filter, Nillable, Sort, Update Description The planned annual power generation measured in megawatt hour (MWh).
ProjRegistryIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique identifier that's assigned by the registry to the clean energy project.
PurchaseOrderNumber	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The purchase order number associated with the energy attribute certificate purchase.

Field	Details
PurchaseType	Type picklist Properties Create, Filter, Group, Sort, Update Description Specifies the type of purchase or agreement with the supplier of energy attribute certificate credits. Possible values are: • Other • Power Purchase Agreement • Renewable Tariff • Self Generation • Unbundled • Virtual Power Purchase Agreement
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The start date of the engagement with the power supplier.
TotEnrgyAttrCrAllocMwh	Type double Properties Filter, Nillable, Sort Description The total energy attribute credits allocated for the energy attribute certificate purchase measured in megawatt hour (MWh).
TotEnrgyAttrCrAvlMwh	Type double Properties Filter, Nillable, Sort Description The total energy attribute credits available for the energy attribute certificate purchase measured in megawatt hour (MWh).
TotEnrgyAttrCrPurchMwh	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total energy attribute credits purchased for the energy attribute certificate purchase measured in megawatt hour (MWh).
TotalSpend	Type currency Properties Filter, Nillable, Sort Description The total spend for the energy attribute certificate purchase.
TradeLocation	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The hub and delivery location where the electricity products are traded.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[EnergyAttrCertPurchaseFeed](#)

Feed tracking is available for the object.

[EnergyAttrCertPurchaseHistory](#)

History is available for tracked fields of the object.

[EnergyAttrCertPurchaseShare](#)

Sharing is available for the object.

EnergyAttrCreditDstr

Represents a junction between energy attribute credits and stationary asset energy use indicating the quantity of credits distributed for a specific energy use. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AllocationDate	Type dateTime Properties Defaulted on create, Filter, Nillable, Sort Description The date when the energy attribute certificate credit was allocated.
CleanEnergyType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The clean energy type associated with this energy attribute certificate distribution. Possible values are: • Biomass • Geothermal • Solar • Wind
EnergyAttrCertCreditId	Type reference Properties Create, Filter, Group, Sort, Update Description The energy attribute certificate credit record that's associated with the energy attribute certificate distribution. This field is a relationship field. Relationship Name EnergyAttrCertCredit Relationship Type Lookup Refers To EnergyAttrCertCredit
EnrgyAttrCrAllocCost	Type currency Properties Filter, Nillable, Sort

Field	Details
	Description The cost of the energy attribute certificate credits that were allocated for the stationary asset energy use records.
EnrgyAttrCreditsAlloc	Type double Properties Create, Filter, Sort, Update Description The energy attribute certificate credits that were allocated for the stationary asset energy use records in kWh.
EnrgyAttrCreditsUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the energy attribute certificate credits. Possible values are: • Kwh—kWh • Mwh—MWh The default value is Mwh.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string

Field	Details
	Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the energy attribute certificate distribution.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
StnryAssetEnergyUseId	Type reference Properties Create, Filter, Group, Sort, Update Description The stationary asset energy use record that's associated with the energy attribute certificate distribution. This field is a relationship field. Relationship Name StnryAssetEnergyUse Relationship Type Lookup Refers To StnryAssetEnrgyUse

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EnergyAttrCreditDstrFeed

Feed tracking is available for the object.

EnergyAttrCreditDstrHistory

History is available for tracked fields of the object.

EnergyAttrCreditDstrShare

Sharing is available for the object.

EnvironmentalRisk

Represents information about the risk that the environmental resources create for an organization. This object is available in API version 56.0 and later.

Supported Calls

create(), delete(), describeLayout(), describeSObjects(), getDeleted(), getUpdated(), query(), retrieve(), search(), undelete(), update(), upsert()

Fields

Field	Details
Aquifer	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the groundwater aquifer system.
BaselineStress	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the baseline stress that is a ratio of total water withdrawals to available renewable surface and groundwater supplies. Water withdrawals include domestic, industrial, irrigation, and livestock consumptive and non-consumptive uses. Available renewable water supplies include the impact of upstream consumptive water users and large dams on downstream water availability. Higher values indicate more competition among users. Possible values are: - ExtremelyHigh—Extremely High (>80%) - High—High (40-80%) - Low—Low (<10%) - LowToMedium—Low to Medium (10-20%) - MediumToHigh—Medium to High (20-40%)

Field	Details
BusinessQuantifiedRisk	Type currency Properties Create, Filter, Nillable, Sort, Update Description The risk that's identified by an organization using the internal tools and processes.
Description	Type textarea Properties Create, Nillable, Update Description The description of the environmental risk.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MajorBasin	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the major river basin.
MinorBasin	Type string Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The name of the minor river basin.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of this environmental risk.
OverallRisk	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the total risk that's calculated by aggregating the selected indicators from the categories, such as physical quantity, quality, and regulatory, and reputation risk. Higher values indicate high environmental risk. Possible values are: - ExtremelyHigh—Extremely High - High - Low - LowToMedium—Low to Medium - MediumToHigh—Medium to High
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
RecordTypeId	Type reference

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description This field is a relationship field. Relationship Name RecordType Relationship Type Lookup Refers To RecordType
RiskType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the type of risk related to the environment. Possible values are: • Water
UpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the year when the customer has updated the environment risk. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011

Field	Details
	• 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040 • 2041 • 2042 • 2043 • 2044 • 2045 • 2046 • 2047 • 2048 • 2049

Field	Details
	• 2050 • 2051 • 2052 • 2053 • 2054 • 2055 • 2056 • 2057 • 2058 • 2059 • 2060 • 2061 • 2062 • 2063 • 2064 • 2065 • 2066 • 2067 • 2068 • 2069 • 2070 • 2071 • 2072 • 2073 • 2074 • 2075 • 2076 • 2077 • 2078 • 2079 • 2080 • 2081 • 2082 • 2083 • 2084 • 2085 • 2086 • 2087

Field	Details
	• 2088 • 2089 • 2090 • 2091 • 2092 • 2093 • 2094 • 2095 • 2096 • 2097 • 2098 • 2099

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EnvironmentalRiskFeed

Feed tracking is available for the object.

EnvironmentalRiskHistory

History is available for tracked fields of the object.

EnvironmentalRiskShare

Sharing is available for the object.

FrgtHaulingEmssnFctr

Represents the emissions factors for scope 3 freight hauling. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Ch4EmissionsFactor	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions factor associated with the freight hauling mode.
Ch4EmissionsFactorUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the CH4 emissions factor. Possible values are: • G_PER_TONNE_KM—g/tonne-km • G_PER_TONNE_MI—g/ton-mi The default value is 'G_PER_TONNE_KM'.
Co2EmissionsFactor	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions factor associated with the freight hauling mode.
Co2EmissionsFactorUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the CO2 emissions factor. Possible values are: • G_PER_TONNE_MI—g/ton-mi • KG_PER_TONNE_KM—kg/tonne-km The default value is 'KG_PER_TONNE_KM'.
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.

Field	Details
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

Field	Details
	• 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
FreightHaulingMode	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The freight hauling mode that's used to calculate the emissions. Possible values are: • Air • Rail • Road • Water
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oEmissionsFactor	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions factor associated with the freight hauling mode.
N2oEmissionsFactorUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the N2O emissions factor. Possible values are: • G_PER_TONNE_KM—g/tonne-km • G_PER_TONNE_MI—g/ton-mi The default value is 'G_PER_TONNE_KM'.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OtherEmssnFctrId	Type reference Properties Create, Filter, Group, Sort, Update Description The other emission factor set record containing global warming potential values for CH4 and N2O. This is a relationship field. Relationship Name OtherEmssnFctr

Field	Details
	Relationship Type Lookup
	Refers To OtherEmssnFctrSet
OwnerId	Type reference
	Properties Create, Defaulted on create, Filter, Group, Sort, Update
	Description The ID of the user who owns this record. This is a polymorphic relationship field.
	Relationship Name Owner
	Relationship Type Lookup
	Refers To Group, User
ReferenceDataLoadLogId	Type reference
	Properties Filter, Group, Nillable, Sort
	Description The reference data load log record that's associated with the emissions factor. This field is a relationship field.
	Relationship Name ReferenceDataLoadLog
	Relationship Type Lookup
	Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean
	Properties Create, Defaulted on create, Filter, Group, Sort, Update
	Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code> .

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[FrgtHaulingEmssnFctrFeed](#)

Feed tracking is available for the object.

[FrgtHaulingEmssnFctrHistory](#)

History is available for tracked fields of the object.

[FrgtHaulingEmssnFctrShare](#)

Sharing is available for the object.

FrgtHaulingEnrgyUse

Represents the energy consumption related to freight hauling. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CarbonFootprintReportDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the carbon footprint data of the associated stationary asset is due to be sent to a reporting body.
Ch4EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CH4 emissions that are calculated for this energy use record.
Co2EmissionsInKg	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The CO2 emissions that are calculated for this energy use record.
Distance	Type double Properties Create, Filter, Sort, Update Description The distance travelled by the freight vehicle.
DistanceUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the distance travelled. Possible values are: - Kilometers - Miles - Nautical Miles The default value is 'Kilometers'.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this energy use record are valid.
FreightHaulingMode	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The mode for freight hauling. Possible values are: - Air - Rail - Road - Water

Field	Details
FrgtHaulingEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The freight hauling emission factors that are used to calculate the emissions. This is a relationship field. Relationship Name FrgtHaulingEmssnFctr Relationship Type Lookup Refers To FrgtHaulingEmssnFctr
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the freight hauling energy use record is locked for editing because the associated carbon footprint is locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oEmissionsInKg	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The N2O emissions that are calculated for this energy use record.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Scope3Category	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The scope 3 freight category to allocate to this energy use record. This value is added to the corresponding scope 3 category in the carbon footprint. Possible values are: - Downstream Transportation and Distribution - Upstream Transportation and Distribution The default value is 'Downstream Transportation and Distribution'.
Scope3CrbnFtpntId	Type reference

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 carbon footprint record that's associated with this energy use record. This field is automatically associated with an existing carbon footprint record or if a carbon footprint record doesn't exist for that year, a new carbon footprint record is generated based on the asset and start or end dates of the energy use record. This is a relationship field. Relationship Name Scope3CrbnFtprnt Relationship Type Lookup Refers To Scope3CrbnFtprnt
Scope3EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions in metric tonnes of carbon dioxide equivalent.
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The scope 3 emission source that's associated with this energy use record. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The date from when the values of this energy use record are valid.
SuplScope3Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value that's added to the calculated total scope 3 emissions value.
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
Weight	Type double Properties Create, Filter, Nillable, Sort, Update Description The weight transported by the freight vehicle.
WeightUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description The unit of measure for the weight transported by the freight vehicle. Possible values are: - KG—kg - LB—lb - LONG_TON—Long Ton

Field	Details
	<code>METRIC_TONNE</code>—Metric Tonne <code>SHORT_TON</code>—Short Ton The default value is 'KG'.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[FrgtHaulingEngryUseChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[FrgtHaulingEngryUseFeed](#)

Feed tracking is available for the object.

[FrgtHaulingEngryUseHistory](#)

History is available for tracked fields of the object.

[FrgtHaulingEngryUseShare](#)

Sharing is available for the object.

FuelType

Represents information about the additional fuel types defined by a customer. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The developer name of the record.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update

Field	Details
	Description The developer name of the record. For custom fuels in the FuelTypeSustnUom, StnryAssetEnrgyUse, and VehicleAssetEnrgyUse objects, if the NamespacePrefix exists then this value in combination with <code>{NamespacePrefix}_custom_</code> is used; for example, <code>ft_package_custom_wood</code>; else, this value in combination with <code>custom_</code> is used; for example, <code>custom_wood</code>.
IsActive	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the fuel type is active and can be used (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
IsStationaryAssetFuel	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the fuel is used in stationary assets (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
IsVehicleAssetFuel	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the fuel is used in a vehicle asset (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this record. Possible values are: • <code>da</code>—Danish • <code>de</code>—German • <code>en_US</code>—English

Field	Details
	• <code>es</code>—Spanish • <code>es_MX</code>—Spanish (Mexico) • <code>fi</code>—Finnish • <code>fr</code>—French • <code>it</code>—Italian • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pt_BR</code>—Portuguese (Brazil) • <code>ru</code>—Russian • <code>sv</code>—Swedish • <code>th</code>—Thai • <code>zh_CN</code>—Chinese (Simplified) • <code>zh_TW</code>—Chinese (Traditional)
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description The label assigned to this object.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.

FuelTypeSustnUom

Represents a mapping between the additional fuel types and their corresponding unit of measure values defined by a customer. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The developer name of the record.
FuelType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The name of the fuel type that's mapped to the unit of measure. For custom fuels, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the FuelType object}</i>; for example, ftPackage_custom_wood, else this value is <i>custom_{DeveloperName of the FuelType object}</i>; for example, custom_wood. Possible values are: • AutogasLPG—Autogas/LPG • Biodiesel • Biomass • CityGas—City Gas • CompressedNaturalGasCNG—Compressed Natural Gas (CNG) • Cooling • Diesel • Electricity • Ethanol • FuelOil—Fuel Oil • Gasoline • Heat • HeavyOil—Heavy Oil • ITElectricity—IT Electricity • JetFuel—Jet Fuel • Kerosene • LightOil—Light Oil • LiquidNaturalGasLNG—Liquefied Natural Gas (LNG) • MobileDiesel—Mobile Diesel

Field	Details
	- NaturalGas—Natural Gas - Propane - Refrigerant - Steam
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this record. Possible values are: - da—Danish - de—German - en_US—English - es—Spanish - es_MX—Spanish (Mexico) - fi—Finnish - fr—French - it—Italian - ja—Japanese - ko—Korean - nl_NL—Dutch - no—Norwegian - pt_BR—Portuguese (Brazil) - ru—Russian - sv—Swedish - th—Thai - zh_CN—Chinese (Simplified) - zh_TW—Chinese (Traditional)
MasterLabel	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The label assigned to this object.

Field	Details
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.
UnitOfMeasure	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The name for the unit of measure that's mapped to the fuel type. For custom fuel unit of measure, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</i>; for example, ftPackage_custom_bundle, else this value is custom_{DeveloperName of the SustainabilityUom object}; for example, custom_bundle. Possible values are: • 1000m3—1000 m3 • GJ • GWh • Kiloliters • Liters • MJ • MMBtu • MWh • Therms • Tonnes • UkGallons—UK Gallons • UsGallons—US Gallons • ccf • kG—kg • kWh • kcal • lbs • longTons—long tons • m3 • shortTons—short tons

GeneratedWaste

Represents the information on the waste generated in operations, the waste generated while treating end-of-life products that were sold, and so on. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type textarea Properties Create, Nillable, Update Description
DisposalSiteType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The type of disposal site. The emissions from waste disposal are considered as scope 3 emissions when you select Offsite and as scope 1 emissions when you select Onsite. Possible values are: - Offsite - Onsite
DisposalType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Possible values are: - Anaerobically Digested (Dry Digestate with Curing) - Anaerobically Digested (Wet Digestate with Curing) - Combusted - Composted - Landfilled

Field	Details
	Recycled
DisposedWasteQuantity	Type double Properties Create, Filter, Sort, Update Description
DisposedWasteQuantityUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description Possible values are: - KG—kg - LB—lb - LONG_TON—Long Ton - METRIC_TONNE—Metric Tonne - SHORT_TON—Short Ton The default value is 'KG'.
DisposedWasteQuantityinTonnes	Type double Properties Filter, Nillable, Sort Description The quantity of disposed waste in tonnes that's calculated based on the disposed waste quantity and disposed waste quantity unit.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the waste-related data is sent for reporting.
IsHazardous	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description The default value is 'false'.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner

Field	Details
	Relationship Type Lookup Refers To Group, User
Scope1EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 1 emissions from associated stationary assets for waste that's disposed onsite.
Scope3CrbnFtprntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 carbon footprint record associated with this generated waste record. This specified record is used to aggregate scope 3 waste-related emissions and the other scope 3 emissions. This is a relationship field. Relationship Name Scope3CrbnFtprnt Relationship Type Lookup Refers To Scope3CrbnFtprnt
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 emissions source record associated with the waste related to non-stationary assets, such as waste related to the end-of-life treatment of sold products. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup

Field	Details
	Refers To Scope3EmssnSrc
Scp3DnstrmEndLifeSoldPrdct	Type double Properties Filter, Nillable, Sort Description The scope 3 downstream emissions from the end-of-life treatment of sold products. This value is calculated based on the waste associated with scope 3 emissions source.
Scp3UpstrmWstGenInOper	Type double Properties Filter, Nillable, Sort Description The scope 3 upstream emissions from the waste generated in operations. This value is calculated based on the waste associated with the stationary asset environmental source that's disposed offsite.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the waste-related data is sent for reporting.
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset environmental source record associated with the waste related to stationary assets, such as the waste generated in operations. This is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc

Field	Details
SuplScope1EmissionsInTco2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 1 emissions value that's added to the total scope 1 emissions.
SuplScp3DnstnmEndLifeSoldPrdct	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental downstream scope 3 emissions from the end-of-life treatment of sold products. This value is added to the total scope 3 downstream emissions from the end-of-life treatment of sold products.
SuplScp3UpstrmWstGenInOper	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental upstream scope 3 emissions from the waste generated in operations. This value is added to the total scope 3 upstream emissions from waste generated in operations.
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier associated with this generated waste record. This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
WasteFootprintId	Type reference

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The waste footprint record associated with this generated waste record. This value is used to aggregate the waste quantity and the waste-related emissions data. This is a relationship field. Relationship Name WasteFootprint Relationship Type Lookup Refers To WasteFootprint
WasteType	Type picklist Properties Create, Filter, Group, Sort, Update Description Possible values are: • Aluminum Cans • Aluminum Ingot • Asphalt Concrete • Asphalt Shingles • Beef • Branches • Bread • CRT Displays • Carpet • Clay Bricks • Concrete • Copper Wire • Corrugated Containers • Dairy Products • Desktop CPUs • Dimensional Lumber • Drywall • Electronic Peripherals • Fiberglass Insulation • Flat-panel Displays

Field	Details
	• Fly Ash • Food Waste • Food Waste (meat only) • Food Waste (non-meat) • Fruits and Vegetables • Glass • Grains • Grass • HDPE • Hard-copy Devices • LDPE • LLDPE • Leaves • Magazines/Third-class mail • Medium-density Fiberboard • Mixed Electronics • Mixed MSW (municipal solid waste) • Mixed Metals • Mixed Organics • Mixed Paper (general) • Mixed Paper (primarily from offices) • Mixed Paper (primarily residential) • Mixed Plastics • Mixed Recyclables • Newspaper • Office Paper • PET • PLA • PP • PS • PVC • Phonebooks • Portable Electronic Devices • Poultry • Steel Cans • Textbooks • Tires • Vinyl Flooring

Field	Details
	• Wood Flooring • Yard Trimmings
WstDispoEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The waste disposal emissions factor set record that's used to calculate emissions based on the waste type and disposal type. This is a relationship field. Relationship Name WstDispoEmssnFctr Relationship Type Lookup Refers To WstDispoEmssnFctrSet

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

GeneratedWasteChangeEvent (API Version 63.0)

Change events are available for the object.

GeneratedWasteFeed

Feed tracking is available for the object.

GeneratedWasteHistory

History is available for tracked fields of the object.

GeneratedWasteShare

Sharing is available for the object.

GovtFinancialAsstSum

Represents information about the financial assistance received from governments. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the country where the government financial assistance is provided. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba

Field	Details
	• BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain

Field	Details
	• ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of

Field	Details
	- IS—Iceland - IT—Italy - JE—Jersey - JM—Jamaica - JO—Jordan - JP—Japan - KE—Kenya - KG—Kyrgyzstan - KH—Cambodia - KI—Kiribati - KM—Comoros - KN—Saint Kitts and Nevis - KP—Korea, Democratic People's Republic of - KR—Korea, Republic of - KW—Kuwait - KY—Cayman Islands - KZ—Kazakhstan - LA—Lao People's Democratic Republic - LB—Lebanon - LC—Saint Lucia - LI—Liechtenstein - LK—Sri Lanka - LR—Liberia - LS—Lesotho - LT—Lithuania - LU—Luxembourg - LV—Latvia - LY—Libya - MA—Morocco - MC—Monaco - MD—Moldova, Republic of - ME—Montenegro - MF—Saint Martin (French part) - MG—Madagascar - MK—North Macedonia - ML—Mali - MM—Myanmar - MN—Mongolia

Field	Details
	• MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar

Field	Details
	• RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye

Field	Details
	• TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
Description	Type textarea Properties Create, Nillable, Update Description The description of the government financial assistance statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the government financial assistance statistics are generated. This field is a relationship field.

Field	Details
	Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup

Field	Details
	Refers To Group, User
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company. This field is a relationship field. Relationship Name SubsidiaryAccount Relationship Type Lookup Refers To Account
TotalAmount	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total amount of financial assistance based on a combination of assistance type and country.
Type	Type picklist Properties Create, Filter, Group, Sort, Update Description Specifies the type of financial assistance from the government. Possible values are: • Awards • Export Credit Agency Financial Assistance • Financial Incentives • Government Financial Benefits for any Operation • Investment, Research, and Development Grants • Royalty Holidays • Subsidies • Tax Relief and Tax Credits

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

GovtFinancialAsstSumChangeEvent (API Version 63.0)

Change events are available for the object.

GovtFinancialAsstSumFeed

Feed tracking is available for the object.

GovtFinancialAsstSumHistory

History is available for tracked fields of the object.

GovtFinancialAsstSumShare

Sharing is available for the object.

GroundTravelEmssnFctr

Represents the emissions factors for scope 3 ground travel. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CurrencyCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The currency in which the expense was made. Possible values are: • AED • AFN • ALL • AMD • ANG • AOA • ARS • AUD • AWG

Field	Details
	• AZN • BAM • BBD • BDT • BGN • BHD • BIF • BMD • BND • BOB • BRL • BSD • BTN • BWP • BYN • BZD • CAD • CDF • CHF • CLP • CNY • COP • CRC • CSD • CUP • CVE • CZK • DJF • DKK • DOP • DZD • EGP • ERN • ETB • EUR • FJD • FKP • GBP

Field	Details
	• GEL • GHS • GIP • GMD • GNF • GTQ • GYD • HKD • HNL • HRK • HTG • HUF • IDR • ILS • INR • IQD • IRR • ISK • JMD • JOD • JPY • KES • KGS • KHR • KMF • KPW • KRW • KWD • KYD • KZT • LAK • LBP • LKR • LRD • LYD • MAD • MDL • MGA

Field	Details
	• MKD • MMK • MOP • MRU • MUR • MWK • MXN • MYR • MZN • NAD • NGN • NIO • NOK • NPR • NZD • OMR • PAB • PEN • PGK • PHP • PKR • PLN • PYG • QAR • RON • RSD • RUB • RWF • SAR • SBD • SCR • SDG • SEK • SGD • SHP • SLL • SOS • SRD

Field	Details
	• STN • SYP • SZL • THB • TJS • TND • TOP • TRY • TTD • TWD • TZS • UAH • UGX • USD • UYU • UZS • VES • VND • VUV • WST • XAF • XCD • XOF • XPF • YER • ZAR The default value is 'USD'.
DistanceUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the distance. Possible values are: • Kilometers • Miles The default value is 'Kilometers'.

Field	Details
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

Field	Details
	• 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.

Field	Details
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PersCarEmssnInKgCh4DstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions for personal cars that are calculated for this energy use record.
PersCarEmssnInKgCo2DstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions for personal cars that are calculated for this energy use record.
PersCarEmssnInKgCo2eDstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The conversion factor that's used to calculate the emissions from a personal car.

Field	Details
PersCarEmssnInKgN2oDstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions for personal cars that are calculated for this energy use record.
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code>.
TaxiEmssnInKgCh4DstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions for taxis that are calculated for this energy use record.
TaxiEmssnInKgCo2DstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The CO2 emissions for taxis that are calculated for this energy use record.
TaxiEmssnInKgCo2eDstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The conversion factor that's used to calculate the emissions from a taxi and limousine.
TaxiEmssnInKgN2oDstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions for taxis that are calculated for this energy use record.
TaxiRateForDstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The rate value that's used to convert the taxi expense cost to distance.
TrainEmssnInKgCh4DstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions for trains that are calculated for this energy use record.
TrainEmssnInKgCo2DstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions for trains that are calculated for this energy use record.
TrainEmssnInKgCo2eDstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The conversion factor that's used to calculate the emissions from train travel.
TrainEmssnInKgN2oDstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions for trains that are calculated for this energy use record.
TrainRateForDstnUnit	Type double Properties Create, Filter, Nillable, Sort, Update Description The rate that's used to convert train expense cost to distance.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

GroundTravelEmssnFctrFeed

Feed tracking is available for the object.

GroundTravelEmssnFctrHistory

History is available for tracked fields of the object.

GroundTravelEmssnFctrShare

Sharing is available for the object.

GroundTravelEnrgyUse

Represents the energy consumption related to ground travel. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CarbonFootprintReportDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the carbon footprint data of the associated stationary asset is due to be sent to a reporting body.
Ch4EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CH4 emissions that are calculated for this energy use record.
Co2EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions that are calculated for this energy use record.
CostCenter	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The cost center associated with this energy use record.
CurrencyCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The currency in which the expense was made. Possible values are: • AED • AFN • ALL

Field	Details
	• AMD • ANG • AOA • ARS • AUD • AWG • AZN • BAM • BBD • BDT • BGN • BHD • BIF • BMD • BND • BOB • BRL • BSD • BTN • BWP • BYN • BZD • CAD • CDF • CHF • CLP • CNY • COP • CRC • CSD • CUP • CVE • CZK • DJF • DKK • DOP • DZD • EGP

Field	Details
	• ERN • ETB • EUR • FJD • FKP • GBP • GEL • GHS • GIP • GMD • GNF • GTQ • GYD • HKD • HNL • HRK • HTG • HUF • IDR • ILS • INR • IQD • IRR • ISK • JMD • JOD • JPY • KES • KGS • KHR • KMF • KPW • KRW • KWD • KYD • KZT • LAK • LBP

Field	Details
	• LKR • LRD • LYD • MAD • MDL • MGA • MKD • MMK • MOP • MRU • MUR • MWK • MXN • MYR • MZN • NAD • NGN • NIO • NOK • NPR • NZD • OMR • PAB • PEN • PGK • PHP • PKR • PLN • PYG • QAR • RON • RSD • RUB • RWF • SAR • SBD • SCR • SDG

Field	Details
	• SEK • SGD • SHP • SLL • SOS • SRD • STN • SYP • SZL • THB • TJS • TND • TOP • TRY • TTD • TWD • TZS • UAH • UGX • USD • UYU • UZS • VES • VND • VUV • WST • XAF • XCD • XOF • XPF • YER • ZAR The default value is 'USD'.
Distance	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The distance travelled during the data entry period.
DistanceUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the distance traveled. Possible values are: - Kilometers - Miles The default value is 'Kilometers'.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this energy use record are valid.
ExpenseType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The type of expense based on which emissions factors are used in the calculations. Possible values are: - Limousine - PersonalCarDistance—Personal Car Distance - SubwayCrossState—Subway/Train/Trolley - Cross State/Country - SubwayLocalTransit—Subway/Train/Trolley - Local Public Transit - Taxi
GroundTravelEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The ground travel emission factors that are used to calculate the emissions.

Field	Details
	This is a relationship field. Relationship Name GroundTravelEmssnFctr Relationship Type Lookup Refers To GroundTravelEmssnFctr
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the ground travel energy use record is locked for editing because the associated carbon footprint is locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oEmissionsInKg	Type double Properties Filter, Nillable, Sort Description The N2O emissions that are calculated for this energy use record.
Name	Type string

Field	Details
	Properties Create, Filter, Group, idLookup, Sort, Update Description The name for this energy use record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PcmtEmssnFctrSetItemId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The procurement emissions factor set item that contains the emissions factor to be applied to this procurement item. This field is available in API version 57.0 and later. This field is a relationship field. Relationship Name PcmtEmssnFctrSetItem Relationship Type Lookup Refers To PcmtEmssnFctrSetItem
Scope3CrbnFtprntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 carbon footprint record that's associated with this energy use record. This is a relationship field.

Field	Details
	Relationship Name Scope3CrbnFtprnt Relationship Type Lookup Refers To Scope3CrbnFtprnt
Scope3EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions in metric tonnes of carbon dioxide equivalent.
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The scope 3 emission source that's associated with this energy use record. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
Scope3GhgCategory	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the scope 3 GHG category for the total scope 3 emissions related to the energy use. Possible values are: • <code>BusinessTravel</code>—Business Travel • <code>EmployeeCommuting</code>—Employee Commuting
StartDate	Type date

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this energy use record are valid.
SuplScope3Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value that's added to the calculated total scope 3 emissions value.
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier associated with this record. This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
TravelerName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the traveler.
TripCost	Type double Properties Create, Filter, Nillable, Sort, Update Description The cost of the trip in the selected currency.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

GroundTravelEnrgyUseChangeEvent (API Version 63.0)

Change events are available for the object.

GroundTravelEnrgyUseFeed

Feed tracking is available for the object.

GroundTravelEnrgyUseHistory

History is available for tracked fields of the object.

GroundTravelEnrgyUseShare

Sharing is available for the object.

InfoLibraryExternalDocument

Represents the external document that's used to collaborate on Information Library content. This object is available in API version 62.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DocumentName	Type textarea Properties Create, Nillable, Update Description The name of the document in the external storage.
DocumentUrl	Type url Properties Create, Filter, Nillable, Sort, Update Description The URL of the external document.
LastReferencedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[InfoLibraryExternalDocumentFeed](#)

Feed tracking is available for the object.

[InfoLibraryExternalDocumentHistory](#)

History is available for tracked fields of the object.

[InfoLibraryExternalDocumentShare](#)
Sharing is available for the object.

HotelStayEmssnFctr

Represents the emissions factors for scope 3 hotel stay. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Field	Details
	• 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
HotelStayEmssnInKgCo2eNight	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The impact of staying in a hotel. This value is measured in kg of CO2 equivalents per night.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User

Field	Details
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code>.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[HotelStayEmssnFctrFeed](#)

Feed tracking is available for the object.

[HotelStayEmssnFctrHistory](#)

History is available for tracked fields of the object.

[HotelStayEmssnFctrShare](#)

Sharing is available for the object.

HotelStayEnrgyUse

Represents the energy consumption related to hotel stay. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CarbonFootprintReportDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the carbon footprint data of the associated stationary asset is due to be sent to a reporting body.
CostCenter	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The cost center associated with this energy use record.
EmissionFctrKgCo2eRoomPerNight	Type double Properties Filter, Nillable, Sort Description The emissions that are calculated based on the impact of staying in a hotel. This value is measured in kg of CO2 equivalents per night.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this energy use record are valid.
HotelCity	Type string Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The city in which the hotel is located
HotelCountry	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country in which the hotel is located. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of

Field	Details
	• BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Cote d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea

Field	Details
	• ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of

Field	Details
	- IS—Iceland - IT—Italy - JE—Jersey - JM—Jamaica - JO—Jordan - JP—Japan - KE—Kenya - KG—Kyrgyzstan - KH—Cambodia - KI—Kiribati - KM—Comoros - KN—Saint Kitts and Nevis - KP—Korea, Democratic People's Republic of - KR—Korea, Republic of - KW—Kuwait - KY—Cayman Islands - KZ—Kazakhstan - LA—Lao People's Democratic Republic - LB—Lebanon - LC—Saint Lucia - LI—Liechtenstein - LK—Sri Lanka - LR—Liberia - LS—Lesotho - LT—Lithuania - LU—Luxembourg - LV—Latvia - LY—Libya - MA—Morocco - MC—Monaco - MD—Moldova, Republic of - ME—Montenegro - MF—Saint Martin (French part) - MG—Madagascar - MK—North Macedonia - ML—Mali - MM—Myanmar - MN—Mongolia

Field	Details
	• MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion

Field	Details
	• RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago

Field	Details
	• TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
HotelName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the hotel.
HotelStayEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The hotel stay mission factors that are used to calculate the emissions. This is a relationship field. Relationship Name HotelStayEmssnFctr

Field	Details
	Relationship Type Lookup Refers To HotelStayEmssnFctr
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the hotel stay energy use record is locked for editing because the associated carbon footprint is locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name for this energy use record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
RoomCount	Type double Properties Create, Filter, Sort, Update Description The number of rooms in the hotel. This value is used to calculate the emissions.
RoomType	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The type of room.
Scope3CrbnFtprntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 carbon footprint record that's associated with this energy use record. This is a relationship field. Relationship Name Scope3CrbnFtprnt Relationship Type Lookup Refers To Scope3CrbnFtprnt
Scope3EmissionsInTco2e	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total scope 3 emissions in metric tonnes of carbon dioxide equivalent.
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The scope 3 emission source that's associated with this energy use record. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this energy use record are valid.
StayNightsCount	Type double Properties Create, Filter, Nillable, Sort, Update Description The number of nights of hotel stay. This value is used to calculate the emissions.
SuplScope3Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value that's added to the calculated total scope 3 emissions value.

Field	Details
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
TravelerName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the traveler.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[HotelStayEnrgyUseChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[HotelStayEnrgyUseFeed](#)

Feed tracking is available for the object.

[HotelStayEnrgyUseHistory](#)

History is available for tracked fields of the object.

[HotelStayEnrgyUseShare](#)

Sharing is available for the object.

ImpactRiskOpportunity

Represents an impact, risk, or opportunity that can be evaluated and scored as a part of an organization's double-materiality assessment. Also known as an IRO. This object is available in API version 63.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
BusinessUnit	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The business unit of the impact, risk, or opportunity.
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the country of the impact, risk, or opportunity. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh

Field	Details
	• BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany

Field	Details
	• DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras

Field	Details
	• HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia

Field	Details
	- LY—Libya - MA—Morocco - MC—Monaco - MD—Moldova, Republic of - ME—Montenegro - MF—Saint Martin (French part) - MG—Madagascar - MK—North Macedonia - ML—Mali - MM—Myanmar - MN—Mongolia - MO—Macao - MQ—Martinique - MR—Mauritania - MS—Montserrat - MT—Malta - MU—Mauritius - MV—Maldives - MW—Malawi - MX—Mexico - MY—Malaysia - MZ—Mozambique - NA—Namibia - NC—New Caledonia - NE—Niger - NF—Norfolk Island - NG—Nigeria - NI—Nicaragua - NL—Netherlands - NO—Norway - NP—Nepal - NR—Nauru - NU—Niue - NZ—New Zealand - OM—Oman - PA—Panama - PE—Peru - PF—French Polynesia

Field	Details
	• PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands

Field	Details
	• TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
Description	Type textarea

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the impact, risk, or opportunity.
Effect	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the effect of the impact, risk, or opportunity, such as positive or negative. Possible values are: - Negative - Positive
HasHumanRightsImpact	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the impact, risk, or opportunity has a human rights impact (true) or not (false). The default value is <code>false</code>.
ImpactType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the impact type of the impact, risk, or opportunity, such as actual or potential. Possible values are: - Actual - Potential
IsMaterial	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the impact, risk, or opportunity warrants a report (true) or not (false).

Field	Details
	The default value is <code>false</code> .
<code>LastReferencedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
<code>LastViewedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.
<code>Name</code>	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the impact, risk, or opportunity.
<code>Organization</code>	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The organization associated with the impact, risk, or opportunity.
<code>OwnerId</code>	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner

Field	Details
	Refers To Group, User
Timescale	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the timescale of the impact, risk, or opportunity.
Type	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the type of record, such as impact, risk, or opportunity. Possible values are: - Impact - RiskOrOpportunity—Risk or Opportunity
ValueChainSegment	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the segment of the value chain for the impact, risk, or opportunity.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ImpactRiskOpportunityFeed

Feed tracking is available for the object.

ImpactRiskOpportunityHistory

History is available for tracked fields of the object.

ImpactRiskOpportunityShare

Sharing is available for the object.

ImpactRiskOpportunityScore

Represents the score of an impact, risk, or opportunity for an assessment. This object is available in API version 63.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ImpactIrremediability	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description A value from 1 through 5 that represents the irremediability of an impact, where 1 indicates the lowest and 5 indicates the highest.
ImpactRiskOpportunityId	Type reference Properties Create, Filter, Group, Sort Description The impact risk opportunity record associated with the impact risk opportunity score. This field is a relationship field. Relationship Name ImpactRiskOpportunity Relationship Type Master-detail Refers To ImpactRiskOpportunity (the master object)
ImpactScale	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description A value from 1 through 5 that represents the scale of an impact occurring, where 1 indicates the smallest scale and 5 indicates the largest scale.

Field	Details
ImpactScope	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description A value from 1 through 5 that represents the scope of an impact, where 1 indicates the smallest scope and 5 indicates the largest scope.
ImpactSeverity	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description A value from 1 through 5 that represents the severity of an impact, where 1 indicates the lowest severity and 5 indicates the highest severity.
ImpcRiskOppAssessmentId	Type reference Properties Create, Filter, Group, Sort, Update Description The impact risk opportunity assessment record associated with the impact risk opportunity score. This field is a relationship field. Relationship Name ImpcRiskOppAssessment Refers To ImpcRiskOppAssessment
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Likelihood	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description A value from 1 through 5 that represents the likelihood of a impact, risk, or opportunity occurring, where 1 indicates the lowest probability and 5 indicates the highest probability.
Magnitude	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description A value from 1 through 5 that represents the magnitude of a risk, impact, or opportunity, where 1 indicates the smallest magnitude and 5 indicates the largest magnitude.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
Notes	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description Relevant context for scoring values.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ImpactRiskOpportunityScoreFeed

Feed tracking is available for the object.

ImpactRiskOpportunityScoreHistory

History is available for tracked fields of the object.

ImpactRiskOpportunityTopic

Represents a junction between an impact risk opportunity and a materiality topic. This object is available in API version 63.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ImpactRiskOpportunityId	Type reference Properties Create, Filter, Group, Sort Description The impact risk opportunity assessment associated with the record. This field is a relationship field. Relationship Name ImpactRiskOpportunity Relationship Type Master-detail Refers To ImpactRiskOpportunity (the master object)
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MaterialityTopicId	Type reference Properties Create, Filter, Group, Sort, Update Description The materiality topic assessment associated with the record. This field is a relationship field. Relationship Name MaterialityTopic Refers To MaterialityTopic
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ImpactRiskOpportunityTopicFeed

Feed tracking is available for the object.

ImpactRiskOpportunityTopicHistory

History is available for tracked fields of the object.

ImpcRiskOppAssessment

Represents an assessment of ESG-related impacts, risks, and opportunities for an organization. This object is available in API version 63.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the impact risk opportunity assessment.
DisclosureReportingPeriodId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The disclosure reporting period record associated with the impact risk opportunity assessment. This field is a relationship field. Relationship Name DisclosureReportingPeriod Refers To DisclsReportingPeriod
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update

Field	Details
	Description The name of the impact risk opportunity assessment.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User
Status	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the status of the impact risk opportunity assessment. Possible values are: - Cancelled - Completed - In Progress - New

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ImpcRiskOppAssessmentFeed](#)

Feed tracking is available for the object.

[ImpcRiskOppAssessmentHistory](#)

History is available for tracked fields of the object.

[ImpcRiskOppAssessmentShare](#)

Sharing is available for the object.

ImpcRiskOppAssessmentTopic

Represents a junction between an impact risk opportunity assessment and a materiality topic. This object is available in API version 63.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>ImpcRiskOppAssessmentId</code>	Type reference Properties Create, Filter, Group, Sort Description The impact risk opportunity assessment associated with the record. This field is a relationship field. Relationship Name ImpcRiskOppAssessment Relationship Type Master-detail Refers To ImpcRiskOppAssessment (the master object)
<code>LastReferencedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
<code>LastViewedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.

Field	Details
MaterialityTopicId	Type reference Properties Create, Filter, Group, Sort, Update Description The materiality topic associated with the record. This field is a relationship field. Relationship Name MaterialityTopic Refers To MaterialityTopic
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ImpcRiskOppAssessmentTopicFeed](#)

Feed tracking is available for the object.

[ImpcRiskOppAssessmentTopicHistory](#)

History is available for tracked fields of the object.

InflationRate

Represents the inflation rates that are used to adjust currency values from one year to another. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CalendarYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this inflation rate is valid. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028

Field	Details
	• 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
CurrencyCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The currency for this inflation rate record. Possible values are: • AED • AFN • ALL • AMD • ANG • AOA • ARS • AUD • AWG • AZN • BAM • BBD • BDT • BGN • BHD • BIF • BMD • BND

Field	Details
	• BOB • BRL • BSD • BTN • BWP • BYN • BZD • CAD • CDF • CHF • CLP • CNY • COP • CRC • CSD • CUP • CVE • CZK • DJF • DKK • DOP • DZD • EGP • ERN • ETB • EUR • FJD • FKP • GBP • GEL • GHS • GIP • GMD • GNF • GTQ • GYD • HKD • HNL

Field	Details
	• HRK • HTG • HUF • IDR • ILS • INR • IQD • IRR • ISK • JMD • JOD • JPY • KES • KGS • KHR • KMF • KPW • KRW • KWD • KYD • KZT • LAK • LBP • LKR • LRD • LYD • MAD • MDL • MGA • MKD • MMK • MOP • MRU • MUR • MWK • MXN • MYR • MZN

Field	Details
	• NAD • NGN • NIO • NOK • NPR • NZD • OMR • PAB • PEN • PGK • PHP • PKR • PLN • PYG • QAR • RON • RSD • RUB • RWF • SAR • SBD • SCR • SDG • SEK • SGD • SHP • SLL • SOS • SRD • STN • SYP • SZL • THB • TJS • TND • TOP • TRY • TTD

Field	Details
	• TWD • TZS • UAH • UGX • USD • UYU • UZS • VES • VND • VUV • WST • XAF • XCD • XOF • XPF • YER • ZAR The default value is 'USD'.
DataSource	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The data source from where the inflation rate was obtained.
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the inflation rate.
InflationRate	Type percent Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The annual inflation rate that's used to convert currency values. This rate is calculated based on the difference in the average consumer price index between the previous year and the current year.
InflationRateUnqKeyIdentifier	Type string Properties Filter, Group, idLookup, Nillable, Sort Description The unique external identifier for the inflation rate in the currency-calendar year format. This field is unique within your organization.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field.

Field	Details
	Relationship Name Owner
	Relationship Type Lookup
	Refers To Group, User
ReferenceDataLoadLogId	Type reference
	Properties Filter, Group, Nillable, Sort
	Description The reference data load log record that's associated with the emissions factor. This field is a relationship field.
	Relationship Name ReferenceDataLoadLog
	Relationship Type Lookup
	Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean
	Properties Create, Defaulted on create, Filter, Group, Sort, Update
	Description Indicates whether the inflation rate record is locked from dataset updates. The default value is <code>false</code> .

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

InflationRateFeed

Feed tracking is available for the object.

InflationRateHistory

History is available for tracked fields of the object.

InflationRateShare

Sharing is available for the object.

ManagedCareProgramPrfm

Represents the rating and enrollee retention rate according to the plan type of an average medicare advantage plan. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AverageProgramRating	Type double Properties Create, Filter, Nillable, Sort, Update Description The rating of an average medicare advantage plan for a managed care plan type.
Description	Type textarea Properties Create, Nillable, Update Description The description of the managed care program.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the managed care plan performance is reported. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod

Field	Details
EnrolleeRetentionRate	Type percent Properties Create, Filter, Nillable, Sort, Update Description The enrollee retention rate of a plan type.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the managed care program record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup

Field	Details
	Refers To Group, User
ProgramType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The type of managed care plan. Possible values are: • Health Maintenance Organizations (HMOs) • Local Preferred Provider Organizations (PPOs) • Private Fee-for-Service Plans (PFFS) • Regional Preferred Provider Organizations (PPOs) • Special Needs Plans (SNPs)
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as the supplier account. This field is a relationship field. Relationship Name SubsidiaryAccount Relationship Type Lookup Refers To Account

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ManagedCareProgramPrfmFeed](#)

Feed tracking is available for the object.

[ManagedCareProgramPrfmHistory](#)

History is available for tracked fields of the object.

[ManagedCareProgramPrfmShare](#)

Sharing is available for the object.

MaterialityAssessment

Represents information about stakeholder engagement to assess the importance of environmental, social, and governance (ESG) issues for them. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type textarea Properties Create, Filter, Nillable, Sort, Update Description The description of this materiality assessment.
DisclosureReportingPeriodId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The reporting period for which the materiality assessment is generated. This field is a relationship field. Relationship Name DisclosureReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.

Field	Details
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the materiality assessment.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Status	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The status of the materiality assessment. Possible values are: - Cancelled - Completed - In Progress - New

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

MaterialityAssessmentFeed

Feed tracking is available for the object.

MaterialityAssessmentHistory

History is available for tracked fields of the object.

MaterialityAssessmentShare

Sharing is available for the object.

MaterialityMatrixScore

Represents the materiality matrix score used to visualize all the data gathered through materiality assessment intake process. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CalculatedDate	Type dateTime Properties Create, Filter, Nillable, Sort, Update Description Time in which the record was last calculated, should be generally equal to Update Date.
InwardImpactScore	Type double Properties Create, Filter, Nillable, Sort, Update Description The topic impact score for the company that conducts the materiality assessment.
IsTopicRelevant	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description Indicates whether the topic is materially relevant for the company (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
<code>LastReferencedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
<code>LastViewedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.
<code>MaterialityAsmtTopicId</code>	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The materiality assessment topic associated with the matrix. This field is a relationship field. Relationship Name MaterialityAsmtTopic Relationship Type Lookup Refers To MaterialityTopic
<code>MaterialityAssessmentId</code>	Type reference Properties Create, Filter, Group, Sort Description The materiality assessment associated with the matrix. This field is a relationship field.

Field	Details
	Relationship Name MaterialityAssessment Relationship Type Lookup Refers To MaterialityAssessment
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the materiality matrix score.
OutwardImpactScore	Type double Properties Create, Filter, Nillable, Sort, Update Description The topic impact score for the stakeholder interested in the materiality assessment conducted by the company.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

MaterialityMatrixScoreFeed

Feed tracking is available for the object.

MaterialityMatrixScoreHistory

History is available for tracked fields of the object.

MaterialityStakeholder

Represents information about a stakeholder who can be internal or external party having interest in a company. A stakeholder can either affect or be affected by the business. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
BusinessRegion	Type picklist Properties Create, Filter, Group, Sort, Update Description The business region in which the stakeholder operates. Possible value is: Global
CategoryId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The category ID of the stakeholder. This field is a relationship field. Relationship Name Category Relationship Type Lookup Refers To MaterialityStkhldrCatg
CompanyNameId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the stakeholder's company. This field is a relationship field. Relationship Name CompanyName Relationship Type Lookup Refers To Account

Field	Details
ContactId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The contact associated with the stakeholder. This field is a relationship field. Relationship Name Contact Relationship Type Lookup Refers To Contact
Description	Type textarea Properties Create, Filter, Nillable, Sort, Update Description The description of the stakeholder.
InformationSource	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The source of the stakeholder information. Possible values are: • Document • Interview • Other • Survey
IsInternal	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the stakeholder is internal or external (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MaterialityAssessmentId	Type reference Properties Create, Filter, Group, Sort Description The materiality assessment associated with the stakeholder. This field is a relationship field. Relationship Name MaterialityAssessment Relationship Type Lookup Refers To MaterialityAssessment
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the stakeholder.
ProxyUserId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The user who submitted the survey responses on behalf of the stakeholder. This field is a relationship field. Relationship Name ProxyUser Relationship Type Lookup Refers To User
Status	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The status of the stakeholder's response. Possible values are: • Complete • In Progress • New
UserId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The user associated with the stakeholder. This field is a relationship field. Relationship Name User Relationship Type Lookup Refers To User
WeightingPercent	Type percent Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The percentage weighting given to the relevant responses provided by the stakeholder.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

MaterialityStakeholderFeed

Feed tracking is available for the object.

MaterialityStakeholderHistory

History is available for tracked fields of the object.

MaterialityStkhldrCatg

Represents a category to organize materiality stakeholders into groups, such as employees, shareholders, suppliers, and customers. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Category	Type picklist Properties Create, Filter, Group, Sort, Update Description The name of the materiality stakeholder category. Possible values are: • Business Review • Customer and Supplier • Employees • Global Agenda Setter • Investor • Leadership • Regulator

Field	Details
Description	Type textarea Properties Create, Nillable, Update Description The description of the materiality stakeholder category.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.
MaterialityAssessmentId	Type reference Properties Create, Filter, Group, Sort Description The materiality assessment associated with the stakeholder category. This field is a relationship field. Relationship Name MaterialityAssessment Relationship Type Lookup Refers To MaterialityAssessment
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update

Field	Details
	Description The name of the stakeholder category.
WeightingPercent	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage weighting given to the relevant responses provided by the stakeholder category.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

MaterialityStkhldrCatgFeed

Feed tracking is available for the object.

MaterialityStkhldrCatgHistory

History is available for tracked fields of the object.

MaterialityTopic

Represents a possible topic for materiality assessment. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Category	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The category of the materiality assessment topic. Possible values are:

Field	Details
	• Environment • Governance • Social
Description	Type textarea Properties Create, Nillable, Update Description The description of this topic.
IsMaterial	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the materiality topic warrants a report (true) or not (false). The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of this topic.

Field	Details
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ParentTopicId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The parent materiality topic associated with the record. This field is a relationship field. Relationship Name ParentTopic Refers To MaterialityTopic
SortOrder	Type int Properties Create, Defaulted on create, Filter, Group, Nillable, Sort, Update Description The order in a sequence that the topic is sorted relative to other topics.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

MaterialityTopicFeed

Feed tracking is available for the object.

MaterialityTopicHistory

History is available for tracked fields of the object.

MaterialityTopicShare

Sharing is available for the object.

MaterialityTopicDocClauseSet

Represents a reference object with information about the topic and a document clause set. This object is available in API version 62.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DocumentClauseSetId	Type reference Properties Create, Filter, Group, Sort, Update Description The document clause set associated with the record. This field is a relationship field. Relationship Name DocumentClauseSet Refers To DocumentClauseSet
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MaterialityTopicId	Type reference Properties Create, Filter, Group, Sort, Update Description The materiality topic associated with the record. This field is a relationship field. Relationship Name MaterialityTopic Refers To MaterialityTopic
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

MaterialityTopicDocClauseSetFeed

Feed tracking is available for the object.

MaterialityTopicDocClauseSetHistory

History is available for tracked fields of the object.

MaterialityTopicDocClauseSetShare

Sharing is available for the object.

MaterialityTopicQstn

Represents the mapping between the materiality assessment topics and the materiality assessment survey questions. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ImpactType	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The type of impact associated with the survey question. Possible values are: - Inward - Outward The default value is Inward.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.
MaterialityAssessmentId	Type reference Properties Create, Filter, Group, Sort Description The materiality assessment associated with the question. This field is a relationship field. Relationship Name MaterialityAssessment Relationship Type Lookup Refers To MaterialityAssessment
MaterialityTopicId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The materiality assessment topic associated with the question. This field is a relationship field. Relationship Name MaterialityTopic Relationship Type Lookup Refers To MaterialityTopic
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of this materiality assessment topic question.

Associated Objects

This object has the following associated objects. If the API version isn’t specified, they’re available in the same API versions as this object. Otherwise, they’re available in the specified API version and later.

MaterialityTopicQstnFeed

Feed tracking is available for the object.

MaterialityTopicQstnHistory

History is available for tracked fields of the object.

MaterialityTopicReference

Represents a reference object with information about two related topics. This object is available in API version 62.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.

Field	Details
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User
SeeAlsoId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The topic that suggests a related topic of interest to users. This field is a relationship field. Relationship Name SeeAlso Refers To MaterialityTopic
TopicId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The topic associated with another topic. This field is a relationship field. Relationship Name Topic Refers To MaterialityTopic

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

MaterialityTopicReferenceFeed

Feed tracking is available for the object.

MaterialityTopicReferenceHistory

History is available for tracked fields of the object.

MaterialityTopicReferenceShare

Sharing is available for the object.

MonthlyUsageTrkgDataGap

Represents a gap in the tracking of fuel usage data for the month. This object is available in API version 64.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DataGap	Type string Properties Create, Filter, Group, Sort, Update Description The gap in the fuel usage data of a stationary asset for a month.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.

Field	Details
Month	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The month in which this data gap is recorded. Possible values are: • April • August • December • February • January • July • June • March • May • November • October • September
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User

Field	Details
SourceObjectId	Type reference Properties Create, Filter, Group, Sort, Update Description The source record that stores the details of the asset that consumes the fuel. This field is a polymorphic relationship field. Relationship Name SourceObject Refers To Scope3EmssnSrc, StnryAssetEnvrSrc, VehicleAssetEmssnSrc
Type	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description The type of data gap to track. Possible values are: • <code>FuelConsumption</code>—Fuel Consumption The default value is <code>FuelConsumption</code>.
UsageType	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the usage type of the data gap. Possible values are: • <code>ESG</code>—Environment, Social, and Governance The default value is <code>ESG</code>.
Value	Type string Properties Create, Filter, Group, Sort, Update Description The values of the data gap type to track.

Field	Details
Year	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The year in which this data gap is recorded. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

Field	Details
	• 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040 • 2041 • 2042 • 2043 • 2044 • 2045 • 2046 • 2047 • 2048 • 2049 • 2050 • 2051 • 2052 • 2053 • 2054 • 2055 • 2056 • 2057 • 2058 • 2059 • 2060 • 2061 • 2062 • 2063 • 2064 • 2065 • 2066 • 2067 • 2068

Field	Details
	• 2069 • 2070 • 2071 • 2072 • 2073 • 2074 • 2075 • 2076 • 2077 • 2078 • 2079 • 2080 • 2081 • 2082 • 2083 • 2084 • 2085 • 2086 • 2087 • 2088 • 2089 • 2090 • 2091 • 2092 • 2093 • 2094 • 2095 • 2096 • 2097 • 2098 • 2099

Associated Objects

This object has the following associated objects. If the API version isn’t specified, they’re available in the same API versions as this object. Otherwise, they’re available in the specified API version and later.

MonthlyUsageTrkgDataGapHistory on page 770

History is available for tracked fields of the object.

[MonthlyUsageTrkgDataGapShare](#) on page 771

Sharing is available for the object.

OrgIncidentSummary

Represents statistics according to various categories of incidents in an organization, such as non-compliance with laws, corruptions, health and safety, discrimination, marketing and labeling, and customer privacy. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Category	Type picklist Properties Create, Filter, Group, Sort, Update Description Specifies the category of the incident. Possible values are: • Corruption - Business Partners Contracts Terminated • Corruption - Confirmed • Corruption - Employees Dismissed or Disciplined • Customer Privacy • Discrimination Incidents and Corrective Actions • Non-compliance - Customer Health and Safety • Non-compliance - Laws and Regulations • Non-compliance - Marketing Communications • Non-compliance - Marketing and Labeling • Violation of Indigenous People Rights • Work-related Illness • Work-related Injuries
CorrectiveActionType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description Specifies the type of corrective action that can be taken to resolve the incident. Possible values are: - Contract Termination or Non-renewal - Employee Discipline - Employee Dismissal
Description	Type textarea Properties Create, Nillable, Update Description The description of the incident statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the incident statistics are generated. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
FineAmount	Type currency Properties Create, Filter, Nillable, Sort, Update Description The amount of fine that's paid as a penalty for the incident.
HazardType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of hazard caused by the incident.

Field	Details
HoursWorked	Type double Properties Create, Filter, Nillable, Sort, Update Description The number of hours worked for the organization.
IncidentCount	Type double Properties Create, Filter, Nillable, Sort, Update Description The number of incidents based on a combination of category, incident type, incident subtype, and hazard type.
IncidentSubtype	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the subtype of the incident. Possible values are: • Data Breach • Data Loss • Laws and Regulations • Marketing • Product and Services Information and Labels • Theft • Voluntary Code
IncidentType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of the incident. Possible values are: • Corruption

Field	Details
IsWorkRelated	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the incident is work-related (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MonetaryLoss	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total amount of monetary loss for an incident category.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PenaltyType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of penalty that's applicable for the incident. Possible values are: • Monetary Fine • Non-Monetary Sanction
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company. This field is a relationship field. Relationship Name SubsidiaryAccount Relationship Type Lookup Refers To Account

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[OrgIncidentSummaryChangeEvent](#) (API Version 63.0)

Change events are available for the object.

OrgIncidentSummaryFeed

Feed tracking is available for the object.

OrgIncidentSummaryHistory

History is available for tracked fields of the object.

OrgIncidentSummaryShare

Sharing is available for the object.

OtherEmssnFctrSet

Represents a collection of emissions and conversion factors for various data types and sources that are neither the electricity grid nor scope 3 data types. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Ch4GlblWarmingPot	Type double Properties Create, Filter, Nillable, Sort, Update Description The value that's used to convert the CH4 emissions into their equivalent CO2 emissions.
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: 2000

Field	Details
	• 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038

Field	Details
	• 2039 • 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oGlblWarmingPot	Type double Properties Create, Filter, Nillable, Sort, Update Description The value that's used to convert the N2O emissions into their equivalent CO2 emissions.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
RefrigerantLeakageRtInKgItKwh	Type double Properties Create, Filter, Nillable, Sort, Update Description The leakage rate of the refrigerant used for cooling the data center's computing equipment.
RefrigerantLeakageRtInKgM2	Type double Properties Create, Filter, Nillable, Sort, Update Description The annual average leakage rate of the refrigerant for the occupied building space in kilograms of refrigerant per square meter. This leakage rate is used to estimate the refrigerant

Field	Details
	consumption in the office space. This value is calculated if you enter the Refrigerant Leakage Rate (kg/sqft) value.
RefrigerantLeakageRtInKgSqft	Type double Properties Create, Filter, Nillable, Sort, Update Description The annual average leakage rate of the refrigerant for the occupied building space in kilograms of refrigerant per square foot. This leakage rate is used to estimate the refrigerant consumption in the office space. This value is calculated if you enter the Refrigerant Leakage Rate (kg/m2) value.
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code>.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

OtherEmssnFctrSetFeed

Feed tracking is available for the object.

OtherEmssnFctrSetHistory

History is available for tracked fields of the object.

OtherEmssnFctrSetShare

Sharing is available for the object.

OtherEmssnFctrSetItem

Represents the individual entries for emissions and conversion factors for various data types and sources that are neither the electricity grid nor scope 3 data types. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CalorificValue	Type double Properties Create, Filter, Nillable, Sort, Update Description The calorific value of the fuel source.
CalorificValueUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the calorific value of the fuel source. Possible values are: • KWH_PER_L—kWh/L • KWH_PER_M3—kWh/m3 • KWH_PER_SCF—kWh/scf • MMBTU_PER_GAL—MMBtu/gal • MMBTU_PER_SCF—MMBtu/scf The default value is 'KWH_PER_M3'.
Ch4EmissionFactor	Type double Properties Create, Filter, Nillable, Sort, Update Description The CH4 emissions factor for petroleum fuel source.
Ch4EmissionFactorUnit	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the CH4 emissions factor. Possible values are: • G_PER_KL—g/kl • G_PER_KM—g/km • G_PER_KWH—g/kWh

Field	Details
	• G_PER_L—g/L • G_PER_MILES—g/mile • G_PER_MMBTU—g/MMBtu • G_PER_US_GAL—g/US gal • KG_PER_GJ—kg/GJ • KG_PER_KL—kg/kl • KG_PER_KM—kg/km • KG_PER_KWH—kg/kWh • KG_PER_L—kg/L • KG_PER_MILES—kg/mile • KG_PER_MJ—kg/MJ • KG_PER_MMBTU—kg/MMBtu • KG_PER_US_GAL—kg/US gal
Co2EmissionFactor	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 emissions factor for petroleum fuel sources.
Co2EmissionFactorUnit	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the CO2 emissions factor. Possible values are: • G_PER_KL—g/kl • G_PER_KM—g/km • G_PER_KWH—g/kWh • G_PER_L—g/L • G_PER_MILES—g/mile • G_PER_MMBTU—g/MMBtu • G_PER_US_GAL—g/US gal • KG_PER_GJ—kg/GJ • KG_PER_KL—kg/kl • KG_PER_KM—kg/km • KG_PER_KWH—kg/kWh

Field	Details
	• KG_PER_L—kg/L • KG_PER_MILES—kg/mile • KG_PER_MJ—kg/MJ • KG_PER_MMBTU—kg/MMBtu • KG_PER_US_GAL—kg/US gal
Co2eEmissionFactorInTco2eGj	Type double Properties Filter, Nillable, Sort Description The CO2-equivalent emissions factor that's calculated in tonnes of CO2-equivalent emissions per gigajoule (GJ).
Co2eEmissionFactorInTco2eMwh	Type double Properties Filter, Nillable, Sort Description The CO2 equivalent emissions factor that's calculated from CO2, CH4, and N2O emissions factors
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
FuelType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of fuel associated with this emissions factor record. For custom fuels, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the FuelType object}</i>; for example, ftPackage_custom_wood, else this value is <i>custom_{DeveloperName of the FuelType object}</i>; for example, custom_wood. Possible values are: • AutogasLPG—Autogas/LPG

Field	Details
	• Biodiesel • Biomass • CityGas—City Gas • CompressedNaturalGasCNG—Compressed Natural Gas (CNG) • Cooling • Diesel • Electricity • Ethanol • FuelOil—Fuel Oil • Gasoline • Heat • HeavyOil—Heavy Oil • JetFuel—Jet Fuel • Kerosene • LightOil—Light Oil • LiquidNaturalGasLNG—Liquefied Natural Gas (LNG) • NaturalGas—Natural Gas • Propane • Steam
FuelTypeRefId	Type reference Properties Filter, Group, Nillable, Sort Description This field is available in API version 57.0 and later. This field is a relationship field. Relationship Name FuelTypeRef Relationship Type Lookup Refers To FuelType
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.

Field	Details
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oEmissionFactor	Type double Properties Create, Filter, Nillable, Sort, Update Description The N2O emissions factor for petroleum fuel sources.
N2oEmissionFactorUnit	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the N2O emissions factor. Possible values are: • G_PER_KL—g/kl • G_PER_KM—g/km • G_PER_KWH—g/kWh • G_PER_L—g/L • G_PER_MILES—g/mile • G_PER_MMBTU—g/MMBtu • G_PER_US_GAL—g/US gal • KG_PER_GJ—kg/GJ • KG_PER_KL—kg/kl • KG_PER_KM—kg/km • KG_PER_KWH—kg/kWh • KG_PER_L—kg/L • KG_PER_MILES—kg/mile • KG_PER_MJ—kg/MJ • KG_PER_MMBTU—kg/MMBtu • KG_PER_US_GAL—kg/US gal

Field	Details
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
ParentEmissionFactorId	Type reference Properties Create, Filter, Group, Sort Description The name of the parent emissions factor. This is a relationship field. Relationship Name ParentEmissionFactor Relationship Type Lookup Refers To OtherEmssnFctrSet
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates.

Field	Details
	The default value is <code>false</code> .
SuppliedEmissionsFactor	Type double Properties Create, Filter, Nillable, Sort, Update Description The CO2 equivalent emissions factor provided by the vendor to override the CO2e emissions factor that's calculated using the CO2, CH4, and N2O emission values.
SuppliedEmissionsFactorUnit	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the supplied emissions factor value. For custom fuel unit of measure, if the NamespacePrefix exists then this value is <code>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</code>; for example, <code>ftPackage_custom_bundle</code>, else this value is <code>custom_{DeveloperName of the SustainabilityUom object}</code>; for example, <code>custom_bundle</code>. Possible values are: • G_PER_KM—g/km • G_PER_KWH—g/kWh • G_PER_L—g/L • G_PER_MILES—g/mile • G_PER_MMBTU—g/MMBtu • G_PER_US_GAL—g/US gal • KG_PER_GJ—kg/GJ • KG_PER_KM—kg/km • KG_PER_KWH—kg/kWh • KG_PER_L—kg/L • KG_PER_MILES—kg/mile • KG_PER_MJ—kg/MJ • KG_PER_MMBTU—kg/MMBtu • KG_PER_US_GAL—kg/US gal • TONNES_PER_GJ—tonnes/GJ • TONNES_PER_KL—tonnes/kl • TONNES_PER_KWH—tonnes/kWh • TONNES_PER_L—tonnes/L

Field	Details
	• TONNES_PER_MMBTU—tonnes/MMBtu • TONNES_PER_MWH—tonnes/MWh

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

OtherEmssnFctrSetItemFeed

Feed tracking is available for the object.

OtherEmssnFctrSetItemHistory

History is available for tracked fields of the object.

PcmtEmssnFctrSet

Represents a collection of emission factors that are used to convert spent amounts in procurement data to carbon emissions in tonnes of carbon dioxide equivalent (tCO₂e). This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CurrencyCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The currency in which the expense was made. Possible values are: • AED • AFN • ALL • AMD • ANG • AOA • ARS

Field	Details
	• AUD • AWG • AZN • BAM • BBD • BDT • BGN • BHD • BIF • BMD • BND • BOB • BRL • BSD • BTN • BWP • BYN • BZD • CAD • CDF • CHF • CLP • CNY • COP • CRC • CSD • CUP • CVE • CZK • DJF • DKK • DOP • DZD • EGP • ERN • ETB • EUR • FJD

Field	Details
	• FKP • GBP • GEL • GHS • GIP • GMD • GNF • GTQ • GYD • HKD • HNL • HRK • HTG • HUF • IDR • ILS • INR • IQD • IRR • ISK • JMD • JOD • JPY • KES • KGS • KHR • KMF • KPW • KRW • KWD • KYD • KZT • LAK • LBP • LKR • LRD • LYD • MAD

Field	Details
	• MDL • MGA • MKD • MMK • MOP • MRU • MUR • MWK • MXN • MYR • MZN • NAD • NGN • NIO • NOK • NPR • NZD • OMR • PAB • PEN • PGK • PHP • PKR • PLN • PYG • QAR • RON • RSD • RUB • RWF • SAR • SBD • SCR • SDG • SEK • SGD • SHP • SLL

Field	Details
	SOS SRD STN SYP SZL THB TJS TND TOP TRY TTD TWD TZS UAH UGX USD UYU UZS VES VND VUV WST XAF XCD XOF XPF YER ZAR The default value is 'USD'.
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description of this dataset.
EmissionFactorDataSource	Type textarea

Field	Details
	Properties Create, Nillable, Update Description The source of the emissions factor reference data.
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The calendar year of the currency amounts in this dataset. This value is used to adjust emission factor rates for inflation. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025

Field	Details
	• 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
IsComplete	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether you've entered all the required values. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the emissions factor set.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog

Field	Details
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code>.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

PcmtEmssnFctrSetFeed

Feed tracking is available for the object.

PcmtEmssnFctrSetHistory

History is available for tracked fields of the object.

PcmtEmssnFctrSetShare

Sharing is available for the object.

PcmtEmssnFctrSetItem

Represents the individual emissions factors for scope 3 procurement analysis. Here, the environmentally extended input-output (EEIO) model outputs are used as the emission factors in units of tCO₂e per million spent (currency not specified). This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
EconomicSector	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the economic sector.

Field	Details
EconomicSectorCategory	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The category of the economic sector.
EconomicSectorCode	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The code representing the economic sector. This value is unique within the dataset, such as a North American Industry Classification System (NAICS) code.
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update

Field	Details
	Description The name of the record.
PcmtEmssnFctrSetId	Type reference Properties Create, Filter, Group, Sort Description The master record associated with this procurement item record. This is a relationship field. Relationship Name PcmtEmssnFctrSet Relationship Type Lookup Refers To PcmtEmssnFctrSet
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
Region	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The region associated with this emissions factor
Scope3GhgCategory	Type picklist

Field	Details
	Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The greenhouse gas scope 3 category. Possible values are: • Business Travel • Capital Goods • Downstream Leased Assets • Downstream Transportation and Distribution • Employee Commuting • End-of-Life Treatment of Sold Products • Franchises • Fuel and Energy-Related Activities • Investments • Processing of Sold Products • Purchased Goods and Services • Uncategorized • Upstream Leased Assets • Upstream Transportation and Distribution • Use of Sold Products • Waste Generated In Operations
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code>.
TotScoe3EmssnPerMillionSpent	Type double Properties Create, Filter, Nillable, Sort, Update Description The total scope 3 emissions per million spent that's adjusted according to the inflation rate.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

PcmtEmssnFctrSetItemFeed

Feed tracking is available for the object.

PcmtEmssnFctrSetItemHistory

History is available for tracked fields of the object.

ProductEmissionsFactor

Represents information about the emissions factors used in quantifying the emissions by a product in the supply-chain. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
EmssnFctrDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data and its description.
EmssnFctrDataSourceType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The type of data source of the emissions factor reference data. Possible values are: - Industry Average - Other - Supplier Provided
EmssnFctrUpdateYear	Type picklist

Field	Details
	Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032

Field	Details
	2033 2034 2035 2036 2037 2038 2039 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the product emissions factor.
OwnerId	Type reference

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
Region	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the region within the country associated with this emissions factor.
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code>.

Field	Details
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier responsible for this product emissions factor. This field is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
TotalEmissionsValue	Type double Properties Create, Filter, Nillable, Sort, Update Description The total amount of carbon emissions for each unit of measure.
UnitOfMeasure	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for this product emissions factor. For custom unit of measure, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</i>; for example, ftPackage_custom_bundle, else this value is <i>custom_{DeveloperName of the SustainabilityUom object}</i>; for example, custom_bundle. Possible values are: • Each • Gallons • Liters • LongTon—Long Ton • MetricTonne—Metric Tonne • ShortTon—Short Ton • g

Field	Details
	• kg • lb

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ProductEmissionsFactorFeed

Feed tracking is available for the object.

ProductEmissionsFactorHistory

History is available for tracked fields of the object.

ProductEmissionsFactorShare

Sharing is available for the object.

ProgramInitiative

Represents information about a sustainability initiative in a program. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ActualCost	Type double Properties Create, Filter, Nillable, Sort, Update Description The actual cost of the program initiative.
BusinessRegion	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The business region where the initiative is running.

Field	Details
	Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East • North America • South America • Southeast Asia
City	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The city where the initiative is running.
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country where the initiative is running. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina

Field	Details
	• AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia

Field	Details
	• CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea

Field	Details
	• GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon

Field	Details
	• LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway

Field	Details
	- NP—Nepal - NR—Nauru - NU—Niue - NZ—New Zealand - OM—Oman - PA—Panama - PE—Peru - PF—French Polynesia - PG—Papua New Guinea - PH—Philippines - PK—Pakistan - PL—Poland - PM—Saint Pierre and Miquelon - PN—Pitcairn - PR—Puerto Rico - PS—Palestine - PT—Portugal - PY—Paraguay - QA—Qatar - RE—Reunion - RO—Romania - RS—Serbia - RU—Russian Federation - RW—Rwanda - SA—Saudi Arabia - SB—Solomon Islands - SC—Seychelles - SD—Sudan - SE—Sweden - SG—Singapore - SH—Saint Helena, Ascension and Tristan da Cunha - SI—Slovenia - SJ—Svalbard and Jan Mayen - SK—Slovakia - SL—Sierra Leone - SM—San Marino - SN—Senegal - SO—Somalia

Field	Details
	• SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen

Field	Details
	• YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
CurrencyCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The currency in which the cost was incurred. Possible values are: • AED • AFN • ALL • AMD • ANG • AOA • ARS • AUD • AWG • AZN • BAM • BBD • BDT • BGN • BHD • BIF • BMD • BND • BOB • BRL • BSD • BTN • BWP • BYN • BZD • CAD

Field	Details
	• CDF • CHF • CLP • CNY • COP • CRC • CSD • CUP • CVE • CZK • DJF • DKK • DOP • DZD • EGP • ERN • ETB • EUR • FJD • FKP • GBP • GEL • GHS • GIP • GMD • GNF • GTQ • GYD • HKD • HNL • HRK • HTG • HUF • IDR • ILS • INR • IQD • IRR

Field	Details
	• ISK • JMD • JOD • JPY • KES • KGS • KHR • KMF • KPW • KRW • KWD • KYD • KZT • LAK • LBP • LKR • LRD • LYD • MAD • MDL • MGA • MKD • MMK • MOP • MRU • MUR • MWK • MXN • MYR • MZN • NAD • NGN • NIO • NOK • NPR • NZD • OMR • PAB

Field	Details
	• PEN • PGK • PHP • PKR • PLN • PYG • QAR • RON • RSD • RUB • RWF • SAR • SBD • SCR • SDG • SEK • SGD • SHP • SLL • SOS • SRD • STN • SYP • SZL • THB • TJS • TND • TOP • TRY • TTD • TWD • TZS • UAH • UGX • USD • UYU • UZS • VES

Field	Details
	• VND • VUV • WST • XAF • XCD • XOF • XPF • YER • ZAR The default value is USD.
Description	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the initiative.
EmissionsActivityId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The emissions activity impacted by the initiative. This field is a relationship field. Relationship Name EmissionsActivity Relationship Type Lookup Refers To EmissionsActivity
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the initiative ends.

Field	Details
EstimatedCost	Type double Properties Create, Filter, Nillable, Sort, Update Description The estimated cost of the program initiative.
IsActive	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the initiative is active (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.
ManagerId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The manager of the initiative. This field is a relationship field. Relationship Name Manager Relationship Type Lookup

Field	Details
	Refers To User
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the initiative.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ProgramId	Type reference Properties Create, Filter, Group, Sort, Update Description The program associated with the initiative. This field is a relationship field. Relationship Name Program Relationship Type Lookup Refers To Program
StartDate	Type date

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the initiative begins.
Status	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The status of the initiative. Possible values are: • Active • Cancelled • Completed • Planned
Type	Type picklist Properties Create, Filter, Group, Sort, Update Description The type of initiative that is part of the program. Possible values are: • Environmental • Governance • Social

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ProgramInitiativeFeed

Feed tracking is available for the object.

ProgramInitiativeHistory

History is available for tracked fields of the object.

ProgramInitiativeShare

Sharing is available for the object.

ProgramInitiativeEnrl

Represents the enrollment details of a sustainability initiative in a program. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account associated with an organization enrolled in the initiative. This field is a relationship field. Relationship Name Account Relationship Type Lookup Refers To Account
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The end date of the enrollment in the initiative.
IsActive	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the enrollment for the participant in the initiative is active (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the initiative enrollment record.
ProgramInitiativeId	Type reference Properties Create, Filter, Group, Sort Description The program initiative that's associated with the enrollee. This field is a relationship field. Relationship Name ProgramInitiative Relationship Type Lookup Refers To ProgramInitiative
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The scope 3 emissions source associated with the environment, social, and governance initiative. This field is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The start date of the enrollment in the initiative.
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset associated with the environment, social, and governance initiative. This field is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier associated with the environment, social, and governance initiative. This field is a relationship field. Relationship Name Supplier

Field	Details
	Relationship Type Lookup Refers To Supplier
VehicleAssetEmssnSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The vehicle asset associated with the environment, social, and governance initiative. This field is a relationship field. Relationship Name VehicleAssetEmssnSrc Relationship Type Lookup Refers To VehicleAssetEmssnSrc

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ProgramInitiativeEnrlFeed

Feed tracking is available for the object.

ProgramInitiativeEnrlHistory

History is available for tracked fields of the object.

ReferenceDataLoadLog

Represents information about the history of loading reference data for emissions factors. This object is available in API version 60.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DatasetExternalIdentifier	Type string Properties Filter, Group, Nillable, Sort Description The unique external identifier for the dataset.
DatasetName	Type string Properties Filter, Group, Nillable, Sort Description The name of the dataset.
DatasetType	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the type of the dataset. Possible values are: • Edition • Version The default value is Edition.
Description	Type string Properties Filter, Group, Nillable, Sort Description The description of the dataset load.
ErrorMessage	Type string Properties Filter, Group, Nillable, Sort Description The error messages generated while loading dataset, if any.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
LoadDateTime	Type dateTime Properties Filter, Nillable, Sort Description The date and time when the dataset was loaded.
LoadStatus	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the status of loading the dataset. Possible values are: - Completed - Error - Failed - InProgress—In Progress - Waiting The default value is Waiting.
LoadedById	Type reference Properties Filter, Group, Nillable, Sort

Field	Details
	Description The user who loaded the dataset. This field is a relationship field. Relationship Name LoadedBy Relationship Type Lookup Refers To User
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the dataset log record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Provider	Type string Properties Filter, Group, Nillable, Sort Description The organization that's providing this dataset.
Source	Type string

Field	Details
	Properties Filter, Group, Nillable, Sort Description The source of the dataset.
TotalLoadedRecordCount	Type int Properties Filter, Group, Nillable, Sort Description The total number of records that were updated or inserted.
TotalSkippedRecordCount	Type int Properties Filter, Group, Nillable, Sort Description The total number of records that were skipped.
TotalTime	Type double Properties Filter, Nillable, Sort Description The time duration taken to load the dataset.
UsageType	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort Description The usage of the dataset load log. Possible values are: • NetZeroReferenceData—Net Zero Reference Data The default value is NetZeroReferenceData.
VersionNameTag	Type string Properties Filter, Group, Nillable, Sort

Field	Details
	Description The name tag of the dataset version.
VersionNumber	Type string Properties Filter, Group, Nillable, Sort Description The version number for the dataset.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ReferenceDataLoadLogFeed

Feed tracking is available for the object.

ReferenceDataLoadLogHistory

History is available for tracked fields of the object.

ReferenceDataLoadLogShare

Sharing is available for the object.

RefrigerantEmssnFctr

Represents the global warming potential values for individual refrigerants. Global warming potential compares the atmospheric radiative forcing of one molecule of refrigerant to that of carbon dioxide. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.

Field	Details
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

Field	Details
	• 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
GlblWarmingPotInKgCo2eKg	Type double Properties Create, Filter, Nillable, Sort, Update Description The global warming potential (GWP) of the refrigerant.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.

Field	Details
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates.

Field	Details
	The default value is <code>false</code> .

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

RefrigerantEmssnFctrFeed

Feed tracking is available for the object.

RefrigerantEmssnFctrHistory

History is available for tracked fields of the object.

RefrigerantEmssnFctrShare

Sharing is available for the object.

RentalCarEmssnFctr

Represents the emissions factors for scope 3 rental car usage. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.
EmissionFactorUpdateYear	Type picklist

Field	Details
	Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update
	Description The year in which this reference data for the emissions factor was most recently updated. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032

Field	Details
	• 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
FuelEfficiency	Type double Properties Create, Filter, Nillable, Sort, Update Description The fuel efficiency of the vehicle.
FuelEfficiencyInMpg	Type double Properties Filter, Nillable, Sort Description The value of the fuel efficiency in miles per gallon.
FuelEfficiencyUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for fuel efficiency. Possible values are: • LITRES_PER_100KM—L per 100 km • MILES_PER_GALLON—Miles per Gallon The default value is 'LITRES_PER_100KM'.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OtherEmssnFctrId	Type reference Properties Create, Filter, Group, Sort, Update Description The other emission factor set record containing global warming potential values for CH4 and N2O. This is a relationship field. Relationship Name OtherEmssnFctr Relationship Type Lookup Refers To OtherEmssnFctrSet
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code>.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[RentalCarEmssnFctrFeed](#)

Feed tracking is available for the object.

[RentalCarEmssnFctrHistory](#)

History is available for tracked fields of the object.

RentalCarEmssnFctrShare

Sharing is available for the object.

RentalCarEnergyUse

Represents the energy consumption related to rental cars. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CarbonFootprintReportDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the carbon footprint data of the associated stationary asset is due to be sent to a reporting body.
Ch4EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CH4 emissions that are calculated for this energy use record.
Co2EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions that are calculated for this energy use record.
CostCenter	Type string Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The cost center associated with this energy use record.
Distance	Type double Properties Create, Filter, Nillable, Sort, Update Description The distance travelled by the rental car.
DistanceUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the distance travelled. Possible values are: - Kilometers - Miles The default value is 'Kilometers'.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this energy use record are valid.
FuelEfficiencyInLkm	Type double Properties Filter, Nillable, Sort Description The fuel efficiency of the vehicle in liters for every 100 kilometers that's calculated based on the selected emission factors.
FuelEfficiencyInMpg	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The fuel efficiency of the vehicle in miles per gallon that's calculated based on the selected emission factors.
FuelType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of fuel consumed for this energy use record. Possible values are: • AutogasLPG—Autogas/LPG • Biodiesel • CompressedNaturalGasCNG—Compressed Natural Gas (CNG) • Diesel • Electricity • Ethanol • Gasoline
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the rental car energy use record is locked for editing because the associated carbon footprint is locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oEmissionsInKg	Type double Properties Filter, Nillable, Sort Description The N2O emissions that are calculated for this energy use record.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name for this energy use record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
RentalCarCompanyCode	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The code that identifies the rental car company.
RentalCarCompanyName	Type string

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the rental car company.
RentalCarEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The reference data that contains the rental car emission factors necessary to complete the calculations. This is a relationship field. Relationship Name RentalCarEmssnFctr Relationship Type Lookup Refers To RentalCarEmssnFctr
Scope3CrbnFtprntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 carbon footprint record that's associated with this energy use record. This is a relationship field. Relationship Name Scope3CrbnFtprnt Relationship Type Lookup Refers To Scope3CrbnFtprnt
Scope3EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions in metric tonnes of carbon dioxide equivalent.

Field	Details
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The scope 3 emission source that's associated with this energy use record. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
Scope3GhgCategory	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the scope 3 GHG category for the total scope 3 emissions related to the energy use. Possible values are: • <code>BusinessTravel</code>—Business Travel • <code>EmployeeCommuting</code>—Employee Commuting
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this energy use record are valid.
SuplScope3Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value that's added to the calculated total scope 3 emissions value.
SupplierId	Type reference

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier related to this record. This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
TotalFuelConsumptionInGal	Type double Properties Filter, Nillable, Sort Description The total fuel consumed in gallons.
TotalFuelConsumptionInLiter	Type double Properties Filter, Nillable, Sort Description The fuel consumption and the fuel consumption unit are prioritized over the aircraft fuel economy value and the aircraft fuel economy unit when calculating this value.
TravelerName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the traveler.
VendorProvidedEmissionsInTco2e	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The scope 3 emissions provided by the vendor for the rental car booking or the aggregate details for multiple bookings. This emissions value overrides the calculated total scope 3 emissions.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

RentalCarEnrgyUseChangeEvent (API Version 63.0)

Change events are available for the object.

RentalCarEnrgyUseFeed

Feed tracking is available for the object.

RentalCarEnrgyUseHistory

History is available for tracked fields of the object.

RentalCarEnrgyUseShare

Sharing is available for the object.

Scope3CrbnFtprnt

Represents the total carbon emissions from scope 3 activities. Carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e). This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AnnualEmssnInventoryId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The emissions inventory record for a particular year that's related to the scope 3 carbon footprint record. This is a relationship field.

Field	Details
	Relationship Name AnnualEmssnInventory Relationship Type Lookup Refers To AnnualEmssnInventory
AuditApprovalStatus	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The status of audit approval of this carbon footprint record. Possible values are: • Approved • Pending Approval
CarbonInventoryRecordCount	Type double Properties Filter, Nillable, Sort Description The total number of procurement emissions factor set item records and energy use records that are used to calculate emissions.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this carbon footprint record are valid.
FootprintStage	Type picklist Properties Create, Filter, Group, Sort, Update Description The workflow stage for this carbon footprint record. Possible values are: • Completed • Data Collection

Field	Details
	• Data Validation • Emission Source Confirmation • External Audit • Internal Audit
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates that the scope 3 carbon footprint record and the associated energy use records are locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReportingDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when this carbon footprint record data is due to be sent to a reporting body.
ReportingYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this carbon footprint record data is due to be sent to a reporting body. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014

Field	Details
	• 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 emissions source record that’s associated with this carbon footprint record. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup

Field	Details
	Refers To Scope3EmssnSrc
Scp3EmssnCapitalGood	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of capital goods for all the associated energy use records, included in category 2.
Scp3EmssnDnstrmLeasedAsset	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the operation of downstream leased assets for all the associated energy use records, included in category 13.
Scp3EmssnDnstrmTrnspDistr	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation and distribution of downstream leased assets for all the associated energy use records, included in category 9.
Scp3EmssnEmployeeCommuting	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation of employees, included in category 7.
Scp3EmssnEndLifeSoldProdt	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the end-of-life treatment of sold products, included in category 12.

Field	Details
Scp3EmssnFranchise	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the operation of franchises, included in category 14.
Scp3EmssnFuelEnergyActivity	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of fuels and energy, included in category 3.
Scp3EmssnInvestment	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from investments, included in category 15.
Scp3EmssnProcSoldProduct	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the processing of sold products, included in category 10.
Scp3EmssnPurchGoodsService	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of purchased goods and services, included in category 1.
Scp3EmssnUpstmLeasedAsset	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from the operation of upstream leased assets, included in category 8.
Scp3EmssnUpstrmTrnspDistr	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation and distribution of upstream leased assets, included in category 4.
Scp3EmssnUseOfSoldProduct	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the use of sold products and services, included in category 11.
Scp3UncatgEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 uncategorized emissions for all the associated procurement emission factor sets.
Scp3WasteGenInOper	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the treatment and disposal of generated waste, included in category 5.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this carbon footprint record are valid.

Field	Details
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset environmental source record associated with this carbon footprint record. This is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc
SuplScope3Emission	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value that's added to the calculated total scope 3 emissions value
SuplDnstrmLsdAst	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from downstream leased assets value that is added to the calculated scope 3 emissions from downstream leased assets.
SuplEndLifeTreatSoldPrdct	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from end-life treatment of sold product value that is added to the calculated scope 3 emissions from end-life treatment of sold products.
SuplFuelEnrgyRelaActv	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from fuel and energy-related activity value that is added to the calculated scope 3 emissions from fuel and energy-related activities.
SupplProcessingSoldPrdct	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from processing sold products value that is added to the calculated scope 3 emissions from processing sold products.
SupplPurchGoodSrvcs	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from purchased goods services value that is added to the calculated scope 3 emissions from purchased goods services.
SupplScp3EmssnBizTravl	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from business travel value that is added to the calculated scope 3 emissions from business travel.
SupplScp3EmssnCptlGoods	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from capital goods value that is added to the calculated scope 3 emissions from capital goods.
SupplScp3EmssnDnstnmTnspDstr	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The supplemental scope 3 emissions from downstream transportation distribution value that is added to the calculated scope 3 emissions from downstream transportation distribution.
SupplScp3EmssnEmpComut	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from employee commuting value that is added to the calculated scope 3 emissions from employee commuting.
SupplScp3EmssnFranch	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from franchise value that is added to the calculated scope 3 emissions from franchises.
SupplScp3EmssnInvestments	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from investments value that is added to the calculated scope 3 emissions from investments.
SupplScp3EmssnWstGenOper	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from waste generated in operations value that is added to the calculated scope 3 emissions from waste generated in operations.
SupplScp3UncatgEmssn	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The supplemental scope 3 uncategorized emissions value that is added to the calculated scope 3 uncategorized emissions.
SupplUpstrmLsdAst	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from upstream leased assets value that is added to the calculated scope 3 emissions from upstream leased assets.
SupplUpstrmTrnspDstr	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from upstream transportation distribution value that is added to the calculated scope 3 emissions from upstream transportation distribution.
SupplUseSoldPrdct	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions from use of sold products value that is added to the calculated scope 3 emissions from use of sold products.
TotScope3EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions for this carbon footprint record. This value is calculated based on categorized, uncategorized, and supplemental scope 3 emissions.
TotalScp3DnstrmEmissions	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from downstream activities. This value is calculated by adding the emissions from transportation and distribution of downstream leased assets, processing and use of sold products, end-of-life treatment of sold products, operation of downstream leased assets, operation of franchises, and investments.
TotalScp3EmssnBusTrvl	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from energy consumption and procurement for business travel, included in category 6.
TotalScp3UpstrmEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from upstream activities. This value is calculated by adding the emissions from transportation and distribution of upstream leased assets, waste generated in operations, business travel, employee commuting, operation of upstream leased assets, and production of purchased goods and services, capital goods, fuel, and energy.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[Scope3CrbnFtprntChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[Scope3CrbnFtprntFeed](#)

Feed tracking is available for the object.

[Scope3CrbnFtprntHistory](#)

History is available for tracked fields of the object.

[Scope3CrbnFtprntShare](#)

Sharing is available for the object.

Scope3EmssnSrc

Represents scope 3 activities that are the source of greenhouse gas emissions. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AccountNameId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description Name of the company, it's subsidiary, or it's business unit for which you are doing carbon accounting. This field is a relationship field. Relationship Name AccountName Relationship Type Lookup Refers To Account
AirTravelEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The air travel emissions factor record that's used to calculate emissions from air travel. This is a relationship field. Relationship Name AirTravelEmssnFctr Relationship Type Lookup Refers To AirTravelEmssnFctr
BusinessRegion	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The business region where this asset is located. Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East • North America • South America • Southeast Asia
City	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The city where this asset is located.
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country where this asset is located. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola

Field	Details
	• AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Cote d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon

Field	Details
	• CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea

Field	Details
	• GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic

Field	Details
	- LB—Lebanon - LC—Saint Lucia - LI—Liechtenstein - LK—Sri Lanka - LR—Liberia - LS—Lesotho - LT—Lithuania - LU—Luxembourg - LV—Latvia - LY—Libya - MA—Morocco - MC—Monaco - MD—Moldova, Republic of - ME—Montenegro - MF—Saint Martin (French part) - MG—Madagascar - MK—North Macedonia - ML—Mali - MM—Myanmar - MN—Mongolia - MO—Macao - MQ—Martinique - MR—Mauritania - MS—Montserrat - MT—Malta - MU—Mauritius - MV—Maldives - MW—Malawi - MX—Mexico - MY—Malaysia - MZ—Mozambique - NA—Namibia - NC—New Caledonia - NE—Niger - NF—Norfolk Island - NG—Nigeria - NI—Nicaragua - NL—Netherlands

Field	Details
	• NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia

Field	Details
	• SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • YE—Yemen • YT—Mayotte

Field	Details
	• ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
Description	Type textarea Properties Create, Nillable, Update Description
FrgtHaulingEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The freight hauling emissions factor record that's used to calculate emissions from freight hauling. This is a relationship field. Relationship Name FrgtHaulingEmssnFctr Relationship Type Lookup Refers To FrgtHaulingEmssnFctr
GroundTravelEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The ground travel emissions factor record that's used to calculate emissions from ground travel. This is a relationship field. Relationship Name GroundTravelEmssnFctr Relationship Type Lookup Refers To GroundTravelEmssnFctr

Field	Details
HotelStayEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The hotel stay emissions factor record that's used to calculate emissions from hotel stay during business travel. This is a relationship field. Relationship Name HotelStayEmssnFctr Relationship Type Lookup Refers To HotelStayEmssnFctr
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ParentEmissionSourceId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The parent asset that stores the aggregated emissions data of all the related assets. This is a relationship field. Relationship Name ParentEmissionSource Relationship Type Lookup Refers To Scope3EmssnSrc
PostalCode	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The postal code of this asset.
RentalCarEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The rental car emissions factor record that's used to calculate emissions from the usage of rental cars. This is a relationship field. Relationship Name RentalCarEmssnFctr

Field	Details
	Relationship Type Lookup
	Refers To RentalCarEmssnFctr
Scope3EmissionSourceType	Type string
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description The type of activity causing emissions, such as business travel.
State	Type string
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description The state where this asset is located.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[Scope3EmssnSrcChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[Scope3EmssnSrcFeed](#)

Feed tracking is available for the object.

[Scope3EmssnSrcHistory](#)

History is available for tracked fields of the object.

[Scope3EmssnSrcShare](#)

Sharing is available for the object.

Scope3PcmItem

Represents the procurement (corporate spending) entry records. Procurement is considered as the amount that the organization spends on goods and services. This object is available in API version 54.0 and later.

Supported Calls

```
create(), delete(), describeLayout(), describeSObjects(), getDeleted(), getUpdated(), query(),
retrieve(), search(), undelete(), update(), upsert()
```

Fields

Field	Details
CalculatedScope3EmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions for this procurement item record. This value is calculated based on the amount spent, the total scope 3 emissions per million spent, and the parent procurement summary record's inflation rate.
FinalScorecardEmissions	Type double Properties Filter, Nillable, Sort Description The final scorecard emissions value when the calculation type is Sustainability Scorecard.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the scope 3 procurement item record is locked for editing because the associated carbon footprint is locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.

Field	Details
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
PcmtEmssnFctrSetItemId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The procurement emissions factor set item that contains the emissions factor to be applied to this procurement item. This is a relationship field. Relationship Name PcmtEmssnFctrSetItem Relationship Type Lookup Refers To PcmtEmssnFctrSetItem
ProcurementEmssnFactorSetEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The calculated emissions when the calculation type is Procurement Emission Factor Set.
ProcurementSummaryId	Type reference Properties Create, Filter, Group, Sort Description The parent scope 3 procurement summary record for this scope 3 procurement item record. This is a relationship field. Relationship Name ProcurementSummary Relationship Type Lookup

Field	Details
	Refers To Scope3PcmtSummary
ProductEmissionsFactorId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The product emissions factor that's used to calculate the quantity-based emissions for this procurement item. This field is a relationship field. Relationship Name ProductEmissionsFactor Relationship Type Lookup Refers To ProductEmissionsFactor
ProductId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The product that's being purchased in this procurement item. This field is a relationship field. Relationship Name Product Relationship Type Lookup Refers To Product2
PurchaseQuantity	Type double Properties Create, Filter, Nillable, Sort, Update Description The quantity of the items that are purchased in this procurement item.
ReportDate	Type date

Field	Details
	Properties Filter, Group, Nillable, Sort Description The date to include in reports and dashboards. The report date is set to the spent date, carbon footprint report end date, the first day of the calendar or fiscal year of the carbon footprint reporting year, or the current date.
Scope3EmissionsCalculationType	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The calculation type for the scope 3 emissions. Possible values are: • <code>ALLOCATED_SCORECARD_EMISSIONS</code>—Allocated Scorecard Emissions • <code>CALCULATED_SCOPE_3_EMISSIONS</code>—Spend-Based Emissions • <code>QUANTITY_BASED_EMISSIONS</code>—Quantity-Based Emissions The default value is <code>CALCULATED_SCOPE_3_EMISSIONS</code>.
Scope3EmissionsInTco2	Type double Properties Filter, Nillable, Sort Description The calculated scope 3 emissions if you don't enter the emissions value provided by the vendor.
Scope3GhgCategory	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The scope 3 GHG category. Possible values are: • <code>Business Travel</code> • <code>Capital Goods</code> • <code>Downstream Leased Assets</code> • <code>Downstream Transportation and Distribution</code> • <code>Employee Commuting</code> • <code>End-of-Life Treatment of Sold Products</code>

Field	Details
	• Franchises • Fuel and Energy-Related Activities • Investments • Processing of Sold Products • Purchased Goods and Services • Uncategorized • Upstream Leased Assets • Upstream Transportation and Distribution • Use of Sold Products • Waste Generated In Operations
Scp3QtyBsdEmsnInTco2e	Type double Properties Filter, Nillable, Sort Description The calculated quantity-based scope 3 emissions for this procurement item record. The value is calculated based on the quantity of items purchased and the product emissions factor.
Scp3UncatgEmissions	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions value if you don't select the scope 3 GHG category. This is a calculated field.
SpendingCategory1	Type string Properties Create, Filter, Group, Sort, Update Description The first-level spending category for the procurement item.
SpendingCategory2	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The second-level spending category for the procurement item, that's a subset of the first-level spending category.

Field	Details
SpendingCategory3	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The third-level spending category for the procurement item, that's a subset of the second-level spending category.
SpentAmount	Type double Properties Create, Filter, Sort, Update Description The amount spent for this procurement item in the currency selected for the parent procurement summary record.
SpentDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the amount was spent for this procurement item.
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier associated with this procurement item. This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
SustainabilityScorecardId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The parent supplier sustainability scorecard record that's associated with the procurement item. This is a relationship field. Relationship Name SustainabilityScorecard Relationship Type Lookup Refers To SustainabilityScorecard
TotScoe3EmssnPerMillionSpent	Type double Properties Filter, Nillable, Sort Description Total scope 3 emissions per million spent that's adjusted according to the inflation rate in the associated scope 3 procurement summary record.
UnitOfMeasure	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the items that are purchased in this procurement item. For custom unit of measure, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</i>; for example, ftPackage_custom_bundle, else this value is custom_{DeveloperName of the SustainabilityUom object}; for example, custom_bundle. Possible values are: • Each • Gallons • Liters • LongTon—Long Ton • MetricTonne—Metric Tonne • ShortTon—Short Ton • g • kg • lb

Field	Details
VendorPrvdScope3EmssnInTco2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The scope 3 emissions provided by the vendor to override the calculated total scope 3 emissions.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

Scope3PcmtItemChangeEvent (API Version 63.0)

Change events are available for the object.

Scope3PcmtItemFeed

Feed tracking is available for the object.

Scope3PcmtItemHistory

History is available for tracked fields of the object.

Scope3PcmtSummary

Represents the amount that the organization spends for an individual procurement category. Scope 3 procurement summary quantifies the effect on atmospheric warming, represented in tonnes of carbon dioxide equivalent (tCO₂e) by using a matched emission factor from an associated Procurement Emission Factor Item record. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CalendarYear	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The year to which this procurement summary record data corresponds. Possible values are:

Field	Details
	• 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037

Field	Details
	2038 2039 2040
CarbonFootprintReportDate	Type date Properties Filter, Group, Nillable, Sort Description The date to include in reports and dashboards. The report date can be the reporting end date, the first day of the calendar year in the reporting year, or the current date.
CurrencyCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description The currency code for this procurement summary record. Possible values are: - AED - AFN - ALL - AMD - ANG - AOA - ARS - AUD - AWG - AZN - BAM - BBD - BDT - BGN - BHD - BIF - BMD - BND - BOB - BRL

Field	Details
	• BSD • BTN • BWP • BYN • BZD • CAD • CDF • CHF • CLP • CNY • COP • CRC • CSD • CUP • CVE • CZK • DJF • DKK • DOP • DZD • EGP • ERN • ETB • EUR • FJD • FKP • GBP • GEL • GHS • GIP • GMD • GNF • GTQ • GYD • HKD • HNL • HRK • HTG

Field	Details
	• HUF • IDR • ILS • INR • IQD • IRR • ISK • JMD • JOD • JPY • KES • KGS • KHR • KMF • KPW • KRW • KWD • KYD • KZT • LAK • LBP • LKR • LRD • LYD • MAD • MDL • MGA • MKD • MMK • MOP • MRU • MUR • MWK • MXN • MYR • MZN • NAD • NGN

Field	Details
	• NIO • NOK • NPR • NZD • OMR • PAB • PEN • PGK • PHP • PKR • PLN • PYG • QAR • RON • RSD • RUB • RWF • SAR • SBD • SCR • SDG • SEK • SGD • SHP • SLL • SOS • SRD • STN • SYP • SZL • THB • TJS • TND • TOP • TRY • TTD • TWD • TZS

Field	Details
	• UAH • UGX • USD • UYU • UZS • VES • VND • VUV • WST • XAF • XCD • XOF • XPF • YER • ZAR The default value is 'USD'.
Description	Type textarea Properties Create, Nillable, Update Description The description for this procurement summary record.
InflationRate	Type percent Properties Filter, Nillable, Sort Description The current inflation rate if you don't enter the inflation rate override value.
InflationRateCalculated	Type percent Properties Filter, Nillable, Sort Description The inflation rate calculated based on the currency and calendar year of this procurement summary record. This rate is used to adjust emission factors.

Field	Details
InflationRateOverride	Type percent Properties Create, Filter, Nillable, Sort, Update Description The value to override the current inflation rate.
IsComplete	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether you've entered all the required values. The default value is 'false'.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the scope 3 procurement summary record is locked for editing because the associated carbon footprint is locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string

Field	Details
	Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PcmtEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The procurement emissions factor set record that's used to match procurement items with emissions factors. This is a relationship field. Relationship Name PcmtEmssnFctr Relationship Type Lookup Refers To PcmtEmssnFctrSet
Scope3CrbnFtprntId	Type reference Properties Create, Filter, Group, Sort, Update Description The scope 3 carbon footprint record associated with this procurement summary record. This is a relationship field.

Field	Details
	Relationship Name Scope3CrbnFtprnt Relationship Type Lookup Refers To Scope3CrbnFtprnt
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The scope 3 emissions source record associated with this procurement summary record. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
Scp3EmssnBusinessTravel	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from business travel for all the associated procurement records, included in category 6.
Scp3EmssnCapitalGood	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of capital goods for all the associated procurement records, included in category 2.
Scp3EmssnDnstmrLeasedAsset	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from the downstream leased assets for all the associated procurement records, included in category 13.
Scp3EmssnDnstrmTrnspDistr	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation and distribution of downstream leased assets for all the associated procurement records, included in category 9.
Scp3EmssnEndLifeSoldProdt	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the end-of-life treatment of sold products for all the associated procurement records, included in category 12.
Scp3EmssnFranchise	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the operation of franchises for all the associated procurement records, included in category 14.
Scp3EmssnFuelEnergyActivity	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of fuels and energy for all the associated procurement records, included in category 3.
Scp3EmssnInvestment	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from investments for all the associated procurement records, included in category 15.
Scp3EmssnProcSoldProduct	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the processing of sold products for all the associated procurement records, included in category 10.
Scp3EmssnPurchGoodsService	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of purchased goods and services for all the associated procurement records, included in category 1.
Scp3EmssnUpstrmLeasedAsset	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the operation of upstream leased assets for all the associated procurement records, included in category 8.
Scp3EmssnUpstrmTrnspDistr	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation and distribution of upstream leased assets for all the associated procurement records, included in category 4.
Scp3EmssnUseOfSoldProduct	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from the use of sold products and services for all the associated procurement records, included in category 11.
Scp3UncatgEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 uncategorized emissions for all the associated procurement records.
Scp3WasteGenInOper	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the treatment and disposal of generated waste for all the associated procurement records, included in category 5.
ScpEmssnEmployeeCommuting	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation of employees for all the associated procurement records, included in category 7.
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset environmental source record associated with this procurement summary record. This is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc

Field	Details
TotalScp3DnstrmEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from downstream activities. This value is calculated by adding the emissions from transportation and distribution of downstream leased assets, processing and use of sold products, end-of-life treatment of sold products, operation of downstream leased assets, operation of franchises, and investments.
TotalScp3Emissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions for this procurement summary record. This value is calculated based on the associated procurement records.
TotalScp3UpstrmEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from upstream activities. This value is calculated by adding emissions from the transportation and distribution of upstream leased assets, waste generated in operations, business travel, employee commuting, operation of upstream leased assets, and production of purchased goods and services, capital goods, fuel, and energy.
TotalSpentAmount	Type double Properties Filter, Nillable, Sort Description The total amount spent that's calculated based on the associated procurement records.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[Scope3PcmtSummaryChangeEvent](#) (API Version 63.0)

Change events are available for the object.

Scope3PcmtSummaryFeed

Feed tracking is available for the object.

Scope3PcmtSummaryHistory

History is available for tracked fields of the object.

Scope3PcmtSummaryShare

Sharing is available for the object.

SearchableReferenceDocument

Represents documents that are referenced to search for answers during documentation authoring, such as ESG disclosures. This object is available in API version 61.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ContentDocumentId	Type reference Properties Create, Filter, Group, Sort, Update Description The content document that's indexed and made available for search. This field is a relationship field. Relationship Name ContentDocument Relationship Type Lookup Refers To ContentDocument
CurrencyIsoCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The currency for this record. Possible values are:

Field	Details
	• USD—U.S. Dollar The default value is USD.
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the received document.
DisclosureTypeId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of disclosure. This field is a relationship field. Relationship Name DisclosureType Relationship Type Lookup Refers To DisclosureType
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string

Field	Details
	Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the referenced document.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReportingYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the year in which the disclosure document was uploaded. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012

Field	Details
	2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040
UsageType	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the type of usage that defines if the uploaded file for indexing is related to disclosure and compliance hub. Possible values are: DisclosureDocuments—Disclosure Documents The default value is DisclosureDocuments.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

SearchableReferenceDocumentFeed

Feed tracking is available for the object.

SearchableReferenceDocumentHistory

History is available for tracked fields of the object.

SearchableReferenceDocumentShare

Sharing is available for the object.

StnryAssetAnnualFact

Represents the information about stationary assets and their types, which is used to quantify the related intensity. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ApplicableYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the year that's applicable to the stationary asset annual fact. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009

Field	Details
	• 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040 • 2041 • 2042 • 2043 • 2044 • 2045 • 2046 • 2047

Field	Details
	• 2048 • 2049 • 2050 • 2051 • 2052 • 2053 • 2054 • 2055 • 2056 • 2057 • 2058 • 2059 • 2060 • 2061 • 2062 • 2063 • 2064 • 2065 • 2066 • 2067 • 2068 • 2069 • 2070 • 2071 • 2072 • 2073 • 2074 • 2075 • 2076 • 2077 • 2078 • 2079 • 2080 • 2081 • 2082 • 2083 • 2084 • 2085

Field	Details
	• 2086 • 2087 • 2088 • 2089 • 2090 • 2091 • 2092 • 2093 • 2094 • 2095 • 2096 • 2097 • 2098 • 2099
Description	Type textarea Properties Create, Nillable, Update Description The information about the stationary asset.
EmployeeCount	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description The count of employees that are associated with the stationary asset.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the stationary asset master data.
OccupiedFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The floor area in a building that's occupied by an organization. This value is used in the associated stationary asset water footprint or its water activities.
OccupiedFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the unit of measure to calculate the occupied floor area. Possible values are: - m2 - sqft The default value is sqft.
RecordTypeId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description This field is a relationship field. Relationship Name RecordType Relationship Type Lookup

Field	Details
	Refers To RecordType
Revenue	Type double Properties Create, Filter, Nillable, Sort, Update Description The revenue generated from the associated stationary asset.
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Sort Description Specifies the environmental source that's associated with the stationary asset. This field is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc
TotalFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The total floor area in a building for an organization. This value is used in the associated stationary asset water footprint or its water activities.
TotalFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the unit of measure to calculate the total floor area. Possible values are: - m2 - sqft

Field	Details
	The default value is <code>sqft</code> .
<code>TotalUnitsManufactured</code>	Type double Properties Create, Filter, Nillable, Sort, Update Description The total units manufactured by the associated stationary asset.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[StnryAssetAnnualFactFeed](#)

Feed tracking is available for the object.

[StnryAssetAnnualFactHistory](#)

History is available for tracked fields of the object.

StnryAssetCrbnFtpnt

Represents the total carbon emissions and other environmental attributes from stationary assets. Carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e). Additionally, it also quantifies various aspects of the energy performance of the asset. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>AllocatedRenewableEnergyInKwh</code>	Type double Properties Filter, Nillable, Sort Description The total renewable energy allocated to this carbon footprint record.

Field	Details
AllocationStatus	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The allocation status of renewable energy for this carbon footprint record. Possible values are: - Allocated - In Progress - Not Allocated
AnnualEmssnInventoryId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The emissions inventory record for a particular year that's related to the stationary asset carbon footprint record. This is a relationship field. Relationship Name AnnualEmssnInventory Relationship Type Lookup Refers To AnnualEmssnInventory
AuditApprovalStatus	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The status of audit approval of this carbon footprint record. Possible values are: - Approved - Pending Approval
AvgDataCenterPue	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The average power usage effectiveness of the data center that's calculated based on all the associated energy use records. This value is calculated by dividing the data center's total electricity consumption value by the data center computing equipment's total electricity consumption value.
AvgMonthlyElectrCnsmptnKwh	Type double Properties Filter, Nillable, Sort Description The average monthly-normalized electricity consumption in kWh. This value is calculated based on the electricity consumption values across all stationary asset energy use records associated with this carbon footprint record.
BuildingEnergyIntensityId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The building energy intensity record that can be used to fill energy consumption data gaps. This is a relationship field. Relationship Name BuildingEnergyIntensity Relationship Type Lookup Refers To BldgEnrgyIntensity
CarbonInventoryRecordCount	Type double Properties Filter, Nillable, Sort Description The number of energy use records associated with this carbon footprint record.
Ch4EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CH4 emissions that are calculated for this energy use record.

Field	Details
Co2EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions that are calculated for this energy use record.
DataCtrItDieselCnsmptIntensity	Type double Properties Filter, Nillable, Sort Description The diesel consumption intensity of the data center's computing equipment.
DataGapStatus	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The status of filling the energy consumption data gaps for this carbon footprint record. Possible values are: • Complete • Data Gaps Identified • Pending Review
ElectricityIntensityVarPct	Type percent Properties Filter, Nillable, Sort Description The percentage difference between the regional electricity consumption intensity of the carbon footprint and the electricity consumption intensity of the associated carbon footprint item.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this carbon footprint record are valid.

Field	Details
EnrgyCnsmptIntensityInKbtuM2	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity of all the associated energy use records in kBtu per square meter.
EnrgyCnsmptIntensityInKbtuSqft	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity of all the associated energy use records in kBtu per square foot.
EnrgyCnsmptIntensityInKwhM2	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity of all the associated energy use records in kWh per square meter.
EnrgyCnsmptIntensityInKwhSqft	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity of all the associated energy use records in kWh per square foot.
EnrgyIntensityVariancePct	Type percent Properties Filter, Nillable, Sort Description The percentage difference between the electricity consumption intensity and the regional electricity consumption intensity of the carbon footprint
FootprintStage	Type picklist

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The workflow stage for this carbon footprint record. Possible values are: - Completed - Data Collection - Data Gap Filling - Data Validation - Emission Source Confirmation - External Audit - Internal Audit - Renewable Energy Allocation
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the stationary asset carbon footprint record and the associated energy use records are locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
LocBasedElectrFrOthrFuelInKwh	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total electricity generated from other fuel energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromBiomassInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from biomass for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromCoalInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from coal for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromGasInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from gas for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromHydroInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from hydroelectric energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromNuclearInKwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total electricity generated from nuclear power for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromOilInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from oil for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromSolarInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from solar photovoltaic energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromWindInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from wind for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBsdElectrFrGeothermalInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from geothermal energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBsdElectrOthrFossilFuelKwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total electricity generated from other fossil fuel energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
MaxVarianceAboveAvgElectrCnsmpt	Type percent Properties Filter, Nillable, Sort Description The difference between the highest normalized monthly electricity consumption and the average monthly electricity consumption of all the associated energy use records
MaxVarianceBelowAvgElectrCnsmpt	Type percent Properties Filter, Nillable, Sort Description The difference between the lowest normalized monthly electricity consumption and the average monthly electricity consumption of all the associated energy use records
MktBsdElectrFrBiomassInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from biomass for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrFromCoalInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from coal for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrGasInKwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total electricity generated from gas for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrGeothermalInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from geothermal energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrHydroInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from hydroelectric energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrNuclearInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from nuclear power for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrOilInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from oil for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrOthrFuelInKwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total electricity generated from other fuel energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrSolarInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from solar photovoltaic energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrWindInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from wind for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrOthrFossilFuelKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from other fossil fuel energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
N2oEmissionsInKg	Type double Properties Filter, Nillable, Sort Description The N2O emissions that are calculated for this energy use record.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name for this carbon footprint record.

Field	Details
OccupiedFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The value to override the occupied floor area of the associated stationary asset environmental source.
OccupiedFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the occupied floor area of the associated stationary asset environmental source. Possible values are: • m2 • sqft The default value is 'sqft'.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PrevYrAnnlCarbonFootprintId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The previous year's carbon footprint record for the associated stationary asset environmental source.

Field	Details
	This is a relationship field. Relationship Name PrevYrAnnlCarbonFootprint Relationship Type Lookup Refers To StnryAssetCrbnFtprnt
PrevYrDataCenterPue	Type double Properties Filter, Nillable, Sort Description The data center's power usage effectiveness for the previous year.
PrevYrEnrgyIntensityKbtuM2	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity for the previous year in kBtu per square meter.
PrevYrEnrgyIntensityKbtuSqft	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity for the previous year in kBtu per square foot.
PrevYrEnrgyIntensityKwhM2	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity for the previous year in kWh per square meter.
PrevYrEnrgyIntensityKwhSqft	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The energy consumption intensity for the previous year in kWh per square foot.
RegionalBldgEnergyIntensityId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The building energy intensity record containing the standard building energy intensity data from a government source. This is a relationship field. Relationship Name RegionalBldgEnergyIntensity Relationship Type Lookup Refers To BldgEnrgyIntensity
ReportingDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when this carbon footprint record data is due to be sent to a reporting body.
ReportingYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this carbon footprint record data is due to be sent to a reporting body. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007

Field	Details
	Description The total regional electricity consumption intensity from the associated regional building energy intensity record in kWh per square foot.
RgnlEnrgyCnsmptIntensity	Type double Properties Filter, Nillable, Sort Description The total regional electricity consumption intensity from the associated regional building energy intensity record in kBtu per square foot.
Scope3EmssnDnstrmLsdAst	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from downstream leased assets that are included in category 13 of the related carbon footprint record or the override value.
Scp3EmssnCptlGoods	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of capital goods that are included in category 2 of the related carbon footprint record or the override value.
Scp3EmssnEmpCommute	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the employee commute that's included in category 7 of the related carbon footprint record or the override values.
Scp3EmssnFranchises	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from the operation of franchises that are included in category 14 of the related carbon footprint record or the override value.
Scp3EmssnInvestments	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from investment that are included in category 15 of the related carbon footprint record or the override value.
Scp3EmssnProcSoldPrdct	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the processing of sold products that are included in category 10 of the related carbon footprint record or the override value.
Scp3EmssnPurchGoodsSrvc	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions from the production of purchased goods and services that are included in category 1 associated with the carbon footprint record or the relevant override value.
Scp3EmssnUpstrmLsdAst	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the operation of upstream leased assets that are included in category 8 of the related carbon footprint record or the override value.
Scp3EmssnUseOfSoldPrdct	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 3 emissions from the use of sold products and services that are included in category 11 of the related carbon footprint record or the override value.
Scp3EmssnWstGenInOper	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the treatment and disposal of generated waste that is included in category 5 of the related carbon footprint record or the override value.
Scp3EndLifeTreatSoldPrdct	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the end-of-life treatment of sold products that are included in category 12 of the related carbon footprint record or the override value.
Scp3FuelEnrgyRelaActv	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the production of fuel and energy that are included in category 3 of the related carbon footprint record or the override values.
Scp3UncategorizedEmssn	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from uncategorized sources in the related carbon footprint record or the override value.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this carbon footprint record are valid.

Field	Details
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset environmental source record associated with this carbon footprint record. This is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc
SuplScope1Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 1 emissions value that's added to the calculated total scope 1 emissions value.
SuplScope2LocationBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 2 location-based emissions value that's added to the calculated total scope 2 location-based emissions value.
SuplScope2MarketBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 2 market-based emissions value that's added to the calculated total scope 2 market-based emissions value.
SuplScope3DnstrmEmissions	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value from downstream activities that's added to the calculated total scope 3 emissions value.
SuplScope3UpstrmEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value from upstream activities that's added to the calculated total scope 3 emissions value.
TotBldgIndirectEnrgyCnsmptnInMwh	Type double Properties Filter, Nillable, Sort Description The total consumption of energy generated from electricity, heat, cooling, and steam. The consumption value excludes energy generated from other building fuels.
TotEnergyConsumptionInGj	Type double Properties Filter, Nillable, Sort Description The total energy consumption from all the energy sources and associated energy use records converted from kWh to gigajoules.
TotEnergyConsumptionInKwh	Type double Properties Filter, Nillable, Sort Description The total energy consumption from all the energy sources and associated energy use records.
TotEnergyConsumptionInMwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total energy consumption from all the energy sources and associated energy use records converted from kWh to MWh.
TotRnw1EnrgyExclHydroInKwh	Type double Properties Filter, Nillable, Sort Description The total renewable energy excluding hydroelectric energy. This value is calculated based on the market-based grid mix values and allocated renewable energy values.
TotRnw1EnrgyExclHydroPct	Type percent Properties Filter, Nillable, Sort Description The percentage of total renewable energy excluding hydroelectric energy out of the total electricity consumption.
TotScope1EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 1 emissions from all the associated energy use records and supplemental emissions.
TotScope2LocBasedEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 2 emissions value that's calculated based on the location-based data of grid emissions.
TotScope2MktBasedEmissions	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 2 emissions value that's calculated based on the utility-provided emissions data and allocated renewable energy.
TotalFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The value to override the total floor area of the associated stationary asset environmental source.
TotalFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the total floor area of the associated stationary asset environmental source. Possible values are: • m2 • sqft The default value is 'sqft'.
TotalRenewableEnergyInKwh	Type double Properties Filter, Nillable, Sort Description The total renewable energy in kWh that's calculated based on the market-based grid mix values and the allocated renewable energy value.
TotalRenewableEnergyPct	Type percent Properties Filter, Nillable, Sort Description The percentage of total renewable energy out of the total electricity consumption.
TotalScp3DnstrmEmissions	Type double

Field	Details
	Properties Filter, Nillable, Sort
	Description The total scope 3 emissions from downstream activities. This value is calculated based on the scope 3 downstream emission values and supplemental scope 3 downstream emission values of all the associated energy use records.
TotalScp3UpstrmEmissions	Type double
	Properties Filter, Nillable, Sort
	Description The total scope 3 emissions from upstream activities. This value is calculated based on the scope 3 upstream emission values and supplemental scope 3 upstream emission values of all the associated energy use records.
YearOverYearPueVariancePct	Type percent
	Properties Filter, Nillable, Sort
	Description The percentage difference of the data center's power usage effectiveness in the current year's carbon footprint and the previous year's carbon footprint.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[StnryAssetCrbnFtprntChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[StnryAssetCrbnFtprntFeed](#)

Feed tracking is available for the object.

[StnryAssetCrbnFtprntHistory](#)

History is available for tracked fields of the object.

[StnryAssetCrbnFtprntShare](#)

Sharing is available for the object.

StnryAssetCrbnFtprntItm

Represents the total tCO₂e emissions of individual fuel types, which are the child records of the stationary asset carbon footprint record. This object is available in API version 54.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`

Fields

Field	Details
EnergyIntensityVariancePct	Type percent Properties Filter, Nillable, Sort Description The percentage difference of energy consumption intensity between the current year and the previous year for the fuel type of the carbon footprint item.
EnrgyCnsmptIntensityInKwhM2	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity of the selected fuel type in kWh per square meter. This value is calculated based on the fuel type's energy consumption intensity as a function of the parent carbon footprint record's occupied floor area.
EnrgyCnsmptIntensityInKwhSqft	Type double Properties Filter, Nillable, Sort Description The energy consumption intensity of the selected fuel type in kWh per square foot. This value is calculated based on the fuel type's energy consumption intensity as a function of the parent carbon footprint record's occupied floor area.
FuelType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The fuel type for this carbon footprint item record. For custom fuels, if the <code>NamespacePrefix</code> exists then this value is <code>{NamespacePrefix}_custom_{DeveloperName of the FuelType object}</code>; for example, <code>ftPackage_custom_wood</code>, else this value is <code>custom_{DeveloperName of the FuelType object}</code>; for example, <code>custom_wood</code>.

Field	Details
	Possible values are: • CityGas—City Gas • Cooling • Diesel • Electricity • FuelOil—Fuel Oil • Heat • HeavyOil—Heavy Oil • ITElectricity—IT Electricity • Kerosene • LightOil—Light Oil • LiquidNaturalGasLNG—Liquid Natural Gas (LNG) • NaturalGas—Natural Gas • Propane • Refrigerant • Steam
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates that the stationary asset carbon footprint item record and the associated energy use records are locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.

Field	Details
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of this stationery asset carbon footprint item record.
ParentCarbonFootprintId	Type reference Properties Filter, Group, Sort Description The parent carbon footprint record for this carbon footprint item record. This is a relationship field. Relationship Name ParentCarbonFootprint Relationship Type Lookup Refers To StnryAssetCrbnFtpnt
PrevYearCarbonFootprintItemId	Type reference Properties Filter, Group, Nillable, Sort Description The previous year's carbon footprint item record for the selected fuel type. This is a relationship field. Relationship Name PrevYearCarbonFootprintItem Relationship Type Lookup Refers To StnryAssetCrbnFtpntItm
PrevYrEnrgyIntensityKwhM2	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The consumption intensity of the selected fuel type for the previous year in kWh per square meter. This value is calculated based on the fuel type's energy consumption intensity as a function of the parent carbon footprint record's occupied floor area.
PrevYrEnrgyIntensityKwhSqft	Type double Properties Filter, Nillable, Sort Description The consumption intensity of the selected fuel type for the previous year in kWh per square foot. This value is calculated based on the fuel type's energy consumption intensity as a function of the parent carbon footprint record's occupied floor area.
TotEmssnUseMktBsdMthd	Type double Properties Filter, Nillable, Sort Description The total emissions for the carbon footprint item calculated using the market-based emissions factors.
TotalEmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total emissions for this carbon footprint item record in metric tonnes of carbon dioxide equivalent.
TotalEnergyConsumptionInGj	Type double Properties Filter, Nillable, Sort Description The total energy consumption for this carbon footprint item record in gigajoules.
TotalEnergyConsumptionInKwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total energy consumption for this carbon footprint item record in kWh.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[StnryAssetCrbnFtpntltmChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[StnryAssetCrbnFtpntltmFeed](#)

Feed tracking is available for the object.

[StnryAssetCrbnFtpntltmHistory](#)

History is available for tracked fields of the object.

StnryAssetEnrgyUse

Represents the energy consumption related to stationary assets across multiple fuel types. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>AllocEnrgyAttrCrBiomass</code>	Type double Properties Filter, Nillable, Sort Description Total energy attribute certificate credits from the biomass clean energy type that are allocated to this energy use record. Available in API version 59.0 and later.
<code>AllocEnrgyAttrCrGeothermal</code>	Type double Properties Filter, Nillable, Sort

Field	Details
	Description Total energy attribute certificate credits from the geothermal clean energy type that are allocated to this energy use record. Available in API version 59.0 and later.
AllocEnergyAttrCrInKwh	Type double Properties Filter, Nillable, Sort Description The total energy attribute certificate credits that are allocated to this energy use record. Available in API version 59.0 and later.
AllocEnergyAttrCrSolar	Type double Properties Filter, Nillable, Sort Description Total energy attribute certificate credits from the solar clean energy type that are allocated to this energy use record. Available in API version 59.0 and later.
AllocEnergyAttrCrWind	Type double Properties Filter, Nillable, Sort Description Total energy attribute certificate credits from the wind clean energy type that are allocated to this energy use record. Available in API version 59.0 and later.
AllocatedRenewableEnergyInKwh	Type double Properties Create, Filter, Nillable, Sort, Update Description The value to override the allocated renewable energy for the energy use record.
CarbonFootprintReportDate	Type date

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the carbon footprint data of the associated stationary asset is due to be sent to a reporting body.
Ch4EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CH4 emissions that are calculated for this energy use record.
Co2EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions that are calculated for this energy use record.
DataGapFillingMethodName	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The data gap filling method that's used if this record was generated by the application. Possible values are: • BUILDING_BENCHMARK—Building Energy Intensity • DAILY_AVERAGE_CURRENT_YEAR—Current Year Daily Average • DAILY_AVERAGE_LAST_YEAR—Previous Year Daily Average • Manual • REGIONAL_BENCHMARK—Regional Building Energy Intensity
ElectricityEmissionFactorsId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The electricity emissions factors record associated with this location. This is a relationship field.

Field	Details
	Relationship Name ElectricityEmissionFactors Relationship Type Lookup Refers To ElectricityEmssnFctrSet
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this energy use record are valid.
FinalEnergyConsumption	Type double Properties Create, Filter, Nillable, Sort, Update Description The final energy consumption calculated using the data gap-filling method.
FuelConsumption	Type double Properties Create, Filter, Nillable, Sort, Update Description The amount of fuel consumed during the data entry period.
FuelConsumptionInGigajoule	Type double Properties Filter, Nillable, Sort Description The amount of fuel consumed during the data entry period in GJ (gigajoules).
FuelConsumptionInKwh	Type double Properties Filter, Nillable, Sort Description The amount of fuel consumed during the data entry period in kWh.

Field	Details
FuelConsumptionUnit	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the consumed fuel. For custom fuel unit of measure, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</i>; for example, ftPackage_custom_bundle, else this value is custom_{DeveloperName of the SustainabilityUom object}; for example, custom_bundle. Possible values are: • 1000m3—1000 m3 • GJ • GWh • Kiloliters • Liters • MJ • MMBtu • MWh • Therms • Tonnes • UkGallons—Uk Gallons • UsGallons—Us Gallons • ccf • kG—kg • kWh • kcal • lbs • longTons—long tons • m3 • shortTons—short tons The default value is kWh.
FuelConsumptionUnitRefId	Type reference Properties Filter, Group, Nillable, Sort

Field	Details
	Description This field is a relationship field. Relationship Name FuelConsumptionUnitRef Relationship Type Lookup Refers To SustainabilityUom
FuelType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of fuel consumed for this energy use record. For custom fuels, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the FuelType object}</i>; for example, ftPackage_custom_wood, else this value is <i>custom_{DeveloperName of the FuelType object}</i>; for example, custom_wood. Possible values are: • CityGas—City Gas • Cooling • Diesel • Electricity • FuelOil—Fuel Oil • Heat • HeavyOil—Heavy Oil • Kerosene • LightOil—Light Oil • LiquidNaturalGasLNG—Liquid Natural Gas (LNG) • NaturalGas—Natural Gas • Propane • Refrigerant • Steam
FuelTypeRefId	Type reference Properties Filter, Group, Nillable, Sort

Field	Details
	Description This field is available in API version 57.0 and later. This field is a relationship field. Relationship Name FuelTypeRef Relationship Type Lookup Refers To FuelType
IsCompanyOwnedAsset	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the asset is owned by the organization. The default value is <code>false</code>.
IsPueMonthlyRange	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the monthly power usage effectiveness range is between 1 and 2. The default value is <code>false</code>.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates that the stationary asset energy use record is locked for editing because the associated carbon footprint is locked for editing. The default value is <code>false</code>.
IsSystemGeneratedRecord	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the energy use record was created by data gap filling.

Field	Details
	The default value is <code>false</code> .
<code>LastReferencedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
<code>LastViewedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.
<code>LocBasedElectrFrBiomassInKwh</code>	Type double Properties Filter, Nillable, Sort Description The total electricity generated from biomass for all the associated energy use records, that's used to calculate emissions using the location-based method.
<code>LocBasedElectrFrNuclearInKwh</code>	Type double Properties Filter, Nillable, Sort Description The total electricity generated from nuclear power for all the associated energy use records, that's used to calculate emissions using the location-based method.
<code>LocBasedElectrFrOthrFuelInKwh</code>	Type double Properties Filter, Nillable, Sort Description The total electricity generated from other fuel energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.

Field	Details
LocBasedElectrFromCoalInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from coal for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromGasInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from gas for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromHydroInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from hydroelectric energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromOilInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from oil for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromSolarInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from solar photovoltaic energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBasedElectrFromWindInKwh	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total electricity generated from wind for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBsdElectrFrGeothermalInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from geothermal energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBsdElectrFrNonRenewablesKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from geothermal energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
LocBsdElectrOthrFossilFuelKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from other fossil fuel energy sources for all the associated energy use records, that's used to calculate emissions using the location-based method.
MktBasedElectrFrBiomassInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from biomass for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBasedElectrFrNuclearInKwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total electricity generated from nuclear power for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBasedElectrFromCoalInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from coal for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBasedElectrFromGasInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from gas for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBasedElectrFromHydroInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from hydroelectric energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBasedElectrFromOilInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from oil for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBasedElectrFromSolarInKwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total electricity generated from solar photovoltaic energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBasedElectrFromWindInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from wind for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBasedElectrOthrFuelInKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from other fuel energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdCh4EmssnInKg	Type double Properties Filter, Nillable, Sort Description The CH4 emissions for the associated energy use record, that's calculated using the market-based method.
MktBsdCo2EmssnInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions for the associated energy use record, that's calculated using the market-based method.
MktBsdElectrFrGeothermalInKwh	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total electricity generated from geothermal energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectrFrNonRenewablesKwh	Type double Properties Filter, Nillable, Sort Description The percentage of total non-renewable energy generated from coal, gas, nuclear, oil, and other sources for this market.
MktBsdElectrOthrFossilFuelKwh	Type double Properties Filter, Nillable, Sort Description The total electricity generated from other fossil fuel energy sources for all the associated energy use records, that's used to calculate emissions using the market-based method.
MktBsdElectriEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The electricity emissions factors record associated with this energy use record that's used to calculate emissions using the market-based method. This field is a relationship field. Relationship Name MktBsdElectriEmssnFctr Relationship Type Lookup Refers To ElectricityEmssnFctrSet
MktBsdN2oEmssnInKg	Type double Properties Filter, Nillable, Sort Description The N2O emissions for the associated energy use record, that's calculated using the market-based method.

Field	Details
N2oEmissionsInKg	Type double Properties Filter, Nillable, Sort Description The N2O emissions that are calculated for this energy use record.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name for this energy use record.
NormalizedMoElectrCnsmptInKwh	Type double Properties Filter, Nillable, Sort Description The normalized value of the average monthly electricity consumption that's calculated based on the electricity consumption, report start date, and report end date.
OccupiedFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The value to override the occupied floor area of the associated stationary asset.
OccupiedFloorAreaInSqft	Type double Properties Filter, Nillable, Sort Description The floor area occupied by the stationary asset associated with this energy use record in square foot.
OccupiedFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update

Field	Details
	Description The unit of measure for the occupied floor area of the stationary asset associated with this energy use record. Possible values are: • m2 • sqft The default value is sqft.
OtherEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The other emission factors that are used to calculate the emissions. This is a relationship field. Relationship Name OtherEmssnFctr Relationship Type Lookup Refers To OtherEmssnFctrSet
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PowerUsageEffectiveness	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The ratio that describes how efficiently a computer data center uses the energy.
ProposedEnergyConsumption	Type double Properties Create, Filter, Nillable, Sort, Update Description The energy consumption proposed by the data gap-filling method
RefrigerantEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The refrigerant emissions factor record containing global warming potential values. This is a relationship field. Relationship Name RefrigerantEmssnFctr Relationship Type Lookup Refers To RefrigerantEmssnFctr
RenewableEnergyType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the energy type to override the renewable energy that's accounted for in an allocated renewable energy. Possible values are: • BIOMASS—Biomass • GEOTHERMAL—Geothermal • HYDROELECTRICITY—Hydroelectricity • SOLAR—Solar • WIND—Wind
Scope1EmissionsInTco2e	Type double

Field	Details
	Properties Filter, Nillable, Sort Description The total scope 1 emissions from all the associated energy use records and supplemental emissions.
Scope2LocBasedEmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 2 emissions value that's calculated based on the location-based data of grid emissions.
Scope2MktBasedEmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 2 emissions value that's calculated based on the utility-provided emissions data and allocated renewable energy.
Scope3DnstnmEmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions from downstream activities. This value is calculated based on the scope 3 downstream emission values and supplemental scope 3 downstream emission values of all the associated energy use records.
Scope3GhgCategory	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the scope 3 GHG category related to the energy use by the stationary asset environmental source. Possible values are: - SCOPE3DownstreamLeasedAssets—Scope 3 Downstream Leased Assets - SCOPE3EmpComut—Scope 3 Employee Commuting - SCOPE3Franchises—Scope 3 Franchises

Field	Details
	- SCOPE3Investments—Scope 3 Investments - SCOPE3UseOfSoldProducts—Scope 3 Use of Sold Products - SCP3CptlGoods—Scope 3 Capital Goods - SCP3EndLifeTreatSoldProducts—Scope 3 End-of-Life Treatment of Sold Products - SCP3FuelEnergyRelatedActv—Scope 3 Fuel and Energy-Related Activities - SCP3ProcessingSoldPrdct—Scope 3 Processing of Sold Products - SCP3PurchGoodsServices—Scope 3 Purchased Goods and Services - SCP3UpstrmLsdAst—Scope 3 Upstream Leased Assets - SCP3WasteGeneratedInOperations—Scope 3 Waste Generated In Operations
Scope3UpstrmEmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions from upstream activities. This value is calculated based on the scope 3 upstream emission values and supplemental scope 3 upstream emission values of all the associated energy use records.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this energy use record are valid.
StnryAssetCrbnFtprntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset carbon footprint record associated with this energy use record. This is a relationship field. Relationship Name StnryAssetCrbnFtprnt Relationship Type Lookup Refers To StnryAssetCrbnFtprnt

Field	Details
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The stationary asset environmental source record associated with this energy use record. This is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc
SuplScope1Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 1 emissions value that's added to the calculated total scope 1 emissions value
SuplScope2LocationBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 2 location-based emissions value that's added to the calculated total scope 2 location-based emissions value
SuplScope2MarketBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 2 market-based emissions value that's added to the calculated total scope 2 market-based emissions value
SuplScope3DnstrmEmissions	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value from downstream activities that's added to the calculated total scope 3 emissions value
SuplScope3UpstrmEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value from upstream activities that's added to the calculated total scope 3 emissions value
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier that is associated with this energy use record. This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
TotRnwEnrgyExclHydroInKwh	Type double Properties Filter, Nillable, Sort Description The total renewable energy excluding hydroelectric energy. This value is calculated based on the market-based grid mix values and allocated renewable energy values.
TotalFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The value to override the total floor area of the associated stationary asset environmental source.
TotalFloorAreaInSqft	Type double Properties Filter, Nillable, Sort Description The total floor area of the stationary asset associated with this energy use record in square foot.
TotalFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the total floor area of the stationary asset associated with this energy use record. Possible values are: - m2 - sqft The default value is sqft.
TotalFuelConsumptionInKwh	Type double Properties Filter, Nillable, Sort Description The total fuel consumed in kWh. This value is calculated by multiplying the electricity consumed with the power usage effectiveness value.
TotalRenewableEnergyInKwh	Type double Properties Filter, Nillable, Sort Description The total renewable energy in kWh that's calculated based on the market-based grid mix values and the allocated renewable energy value.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

StnryAssetEnrgyUseChangeEvent (API Version 63.0)

Change events are available for the object.

StnryAssetEnrgyUseFeed

Feed tracking is available for the object.

StnryAssetEnrgyUseHistory

History is available for tracked fields of the object.

StnryAssetEnrgyUseShare

Sharing is available for the object.

StnryAssetEnvrSrc

Represents assets that are stationary in nature, use energy that can be recorded, and are the source of greenhouse gas emissions. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AccountNameId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description Name of the company, it's subsidiary, or it's business unit for which you are doing carbon accounting. This field is available in API version 57.0 and later. This field is a relationship field. Relationship Name AccountName Relationship Type Lookup Refers To Account

Field	Details
BusinessRegion	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The business region where this stationary asset is located. Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East • North America • South America • Southeast Asia
City	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The city where this stationary asset is located.
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country where this stationary asset is located. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda

Field	Details
	• AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland

Field	Details
	• CI—Cote d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana

Field	Details
	• GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of

Field	Details
	• KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia

Field	Details
	• NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia

Field	Details
	• SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British

Field	Details
	• VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
CrbnEmssnScopeAllocId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The carbon emissions scope allocation record to override the default scope assignments for all the fuel types. This is a relationship field. Relationship Name CrbnEmssnScopeAlloc Relationship Type Lookup Refers To CrbnEmssnScopeAlloc
Description	Type textarea Properties Create, Nillable, Update Description The description of the stationary asset environmental source.
ElectricityEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The electricity emissions factor set record that's used to calculate emissions associated with the electricity consumed by this stationary asset.

Field	Details
	This is a relationship field. Relationship Name ElectricityEmssnFctr Relationship Type Lookup Refers To ElectricityEmssnFctrSet
EnvironmentalRiskId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The risk that's associated with the stationary asset environmental source. This field is a relationship field. Relationship Name EnvironmentalRisk Relationship Type Lookup Refers To EnvironmentalRisk
IsCompanyOwnedAsset	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the asset is owned by your company (<code>true</code>) or not (<code>false</code>). Asset ownership by the company impacts the scope allocation of associated emissions. The default value is <code>false</code>.
IsLeedCertified	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the stationary asset is certified as a green building (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
LastReferencedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
LeaseExpirationDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the lease of the stationary asset expires.
LeaseIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique external identifier for the lease of the stationary asset.
MktBsdElectriEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The electricity emissions factor set record that's used to calculate market-based emissions associated with the electricity consumed by this stationary asset. This field is a relationship field. Relationship Name MktBsdElectriEmssnFctr Relationship Type Lookup Refers To ElectricityEmssnFctrSet

Field	Details
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OccupiedFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The building floor area occupied by your organization. This value is used in associated carbon footprint or energy use records.
OccupiedFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the occupied floor area. Possible values are: • m2 • sqft The default value is sqft.
OtherEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The other emissions factor set record containing emissions factors for the consumption of other fuel types. This is a relationship field. Relationship Name OtherEmssnFctr Relationship Type Lookup Refers To OtherEmssnFctrSet

Field	Details
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ParentEnvironmentalSourceId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The parent asset that stores the aggregated emissions data of all the related assets. This is a relationship field. Relationship Name ParentEnvironmentalSource Relationship Type Lookup Refers To StnryAssetEnvrSrc
PostalCode	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The postal code of this stationary asset.
PremiseIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique external identifier for the building.

Field	Details
RecordTypeId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The unique identifier of the record type. This is a relationship field. Relationship Name RecordType Relationship Type Lookup Refers To RecordType
RefrigerantEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The refrigerant emissions factor record that's used to calculate emissions based on the refrigerant values. This is a relationship field. Relationship Name RefrigerantEmssnFctr Relationship Type Lookup Refers To RefrigerantEmssnFctr
RegionalBldgEnergyIntensityId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The building energy intensity record is automatically populated when the country is the United States, the postal code is valid, and the total building floor area is entered. This is a relationship field. Relationship Name RegionalBldgEnergyIntensity Relationship Type Lookup

Field	Details
	Refers To BldgEnrgyIntensity
State	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The state where this stationary asset is located.
StationaryAssetIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique external identifier for the stationary asset.
StationaryAssetType	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Sort, Update Description The type of stationary asset. You can enter the selected asset type as the building asset type in the associated building energy intensity record. Possible values are: • Data Center • Equipment • Factory • Generator • Hotel • Manufacturing • Multifamily Residential • Office • Other • Restaurant • Retail • Warehouse The default value is Office.

Field	Details
StreetAddress	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The street address where this stationary asset is located.
StreetAddress2	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The second line of the street address where this stationary asset is located.
TotalFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The total building floor area of your organization. This value is used in associated carbon footprint or energy use records.
TotalFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the total floor area. Possible values are: • m2 • sqft The default value is sqft.
WstDispoEmssnFctrSetId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The waste disposal emissions factors set that's associated with the stationary asset environmental source. This field is a relationship field.

Field	Details
	Relationship Name WstDispoEmssnFctrSet
	Relationship Type Lookup
	Refers To WstDispoEmssnFctrSet

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[StnryAssetEnvrSrcChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[StnryAssetEnvrSrcFeed](#)

Feed tracking is available for the object.

[StnryAssetEnvrSrcHistory](#)

History is available for tracked fields of the object.

[StnryAssetEnvrSrcShare](#)

Sharing is available for the object.

StnryAssetWaterActvty

Represents information about the water activities, such as withdrawal, consumption, or discharge that are related to the stationary assets. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ActivitySourceType	Type picklist
	Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update
	Description Specifies the type of water source that's related to this water activity.

Field	Details
	Possible values are: • <code>FreshWater</code>—Fresh Water • <code>GrndWaterNonRenewable</code>—Ground water - Non-Renewable • <code>GrndWaterRenewable</code>—Ground water - Renewable • <code>RecycledWater</code>—Recycled Water • <code>ReusedWater</code>—Reused Water • <code>SeaWater</code>—Sea Water • <code>ThirdPartyReserve</code>—Third-Party Reserve
ActivityType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the type of water activity related to the stationary asset. Possible values are: • <code>Consumption</code> • <code>Discharge</code> • <code>Withdrawal</code>
CostCenter	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The cost center associated with this stationary asset water activity.
CostPerUnit	Type currency Properties Filter, Nillable, Sort Description The per unit cost of this water activity.
Description	Type textarea Properties Create, Nillable, Update Description The information that describes the stationary asset water activity.

Field	Details
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from which the values of this stationary asset water activity become invalid.
EnvironmentalRiskId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The environmental risk associated with this water activity. This field is a relationship field. Relationship Name EnvironmentalRisk Relationship Type Lookup Refers To EnvironmentalRisk
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the stationary asset water activity record and the associated carbon footprint record is locked for editing. The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of this stationary asset water activity.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Quantity	Type double Properties Create, Filter, Nillable, Sort, Update Description The quantity of water related to the selected activity type.
QuantityInM3	Type double Properties Filter, Nillable, Sort Description The water quantity that's calculated using the cubic meter (m3) measuring unit.
QuantityUnit	Type picklist

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the unit of measure for calculating the water quantity. Possible values are: • Liters • M3—m3 • Megaliters • UKGallons—UK Gallons • USGallons—US Gallons The default value is Liters.
RecordTypeId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description This field is a relationship field. Relationship Name RecordType Relationship Type Lookup Refers To RecordType
ServiceProviderId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier associated with this water activity. This field is a relationship field. Relationship Name ServiceProvider Relationship Type Lookup Refers To Supplier

Field	Details
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from which the values of this stationary asset water activity become valid.
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The stationary asset environmental source related to this water activity. This field is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc
StnryAssetWaterFtprntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The water footprint associated with the stationary asset water activity. This field is a relationship field. Relationship Name StnryAssetWaterFtprnt Relationship Type Lookup Refers To StnryAssetWaterFtprnt
TotalCost	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total cost of this water activity.

Field	Details
TreatmentType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The type of activity that's performed for the treatment and discharge of the water. Possible values are: • DchgToEnvWoTreat—Discharge to Environment Without Treatment • DchgToThirdPartyWoTreat—Discharge to Third-Party Without Treatment • Other • Primary • Secondary • Tertiary
WaterFtprntReportDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the water footprint data of the associated stationary asset is due to be sent to a reporting body.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[StnryAssetWaterActvtyChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[StnryAssetWaterActvtyFeed](#)

Feed tracking is available for the object.

[StnryAssetWaterActvtyHistory](#)

History is available for tracked fields of the object.

[StnryAssetWaterActvtyShare](#)

Sharing is available for the object.

StnryAssetWaterFtprnt

Represents information about the total volume of water from the water activities, such as withdrawal, consumption, or discharge that are related to the stationary assets. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CnsmptIntsVariancePct	Type percent Properties Filter, Nillable, Sort Description The percentage difference between the water consumption intensity and the previous year water consumption intensity of the water footprint.
DchgIntsVariancePct	Type percent Properties Filter, Nillable, Sort Description The percentage difference between the water discharge intensity and the previous year water discharge intensity of the water footprint.
EmployeeCnsmptIntsInM3	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's consumed by each employee.
EmployeeCount	Type double Properties Create, Filter, Nillable, Sort, Update Description
EmployeeDchgIntsInM3	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The intensity that's calculated in cubic meter (m3) for the water that's discharged by each employee.
EmployeeWdrwIntsInM3	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's withdrawn by each employee.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the values of this stationary asset water activity becomes invalid.
ExtremeStressCnsmPct	Type percent Properties Filter, Nillable, Sort Description The percentage of water consumption in the extremely high water stress region.
ExtremeStressWdrwPct	Type percent Properties Filter, Nillable, Sort Description The percentage of water withdrawal in the extremely high water stress region.
FlAreaCnsmPIntsInM3M2	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's consumed per square meter (m2) by each floor.

Field	Details
FlAreaCnsmprIntsInM3Sqft	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's consumed per square feet (sqft) by each floor.
FlAreaDchgIntsInM3M2	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's discharged per square meter (m2) by each floor.
FlAreaDchgIntsInM3Sqft	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's consumed per square feet (sqft) by each floor.
FlAreaWdrwIntsInM3M2	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's withdrawn per square meter (m2) by each floor.
FlAreaWdrwIntsInM3Sqft	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's withdrawn per square feet (sqft) by each floor.
FootprintStage	Type picklist

Field	Details
	Properties Create, Filter, Group, Sort, Update Description Specifies the latest stage in this water footprint life cycle. Possible values are: - Completed - Data Collection - Data Validation - Emission Source Confirmation - External Audit - Internal Audit
HighStressCnsmpPct	Type percent Properties Filter, Nillable, Sort Description The percentage of water consumption in the high water stress region.
HighStressWdrwPct	Type percent Properties Filter, Nillable, Sort Description The percentage of water withdrawal in the high water stress region.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the stationary asset water footprint record and the associated carbon footprint record is locked for editing. The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the stationary asset water footprint.
OccupiedFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The building floor area occupied by your organization.
OccupiedFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the occupied floor area. Possible values are: • m2 • sqft The default value is sqft.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PreviousYearWaterFtpmntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The previous year water footprint that's used in calculating the variance of each water activity. This field is a relationship field. Relationship Name PreviousYearWaterFtpmnt Relationship Type Lookup Refers To StnryAssetWaterFtpmnt
ProdtVolumeCnsmptIntsInM3	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's consumed by each product.
ProdtVolumeDchgIntsInM3	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's discharged by all the products.

Field	Details
ProdtVolumeWdrwIntsInM3	Type double Properties Filter, Nillable, Sort Description The intensity that's calculated in cubic meter (m3) for the water that's withdrawn by all the products manufactured.
ReportingYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this water footprint record data is due to be sent to a reporting body. Possible values are: • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023

Field	Details
	2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the values of this stationary asset water activity becomes valid.
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset environmental source associated with this water footprint. This field is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc

Field	Details
TotalConsumptionInMl	Type double Properties Filter, Nillable, Sort Description The water consumed by all the related water activities.
TotalCost	Type currency Properties Filter, Nillable, Sort Description The total cost of this water activity.
TotalDischargeInMl	Type double Properties Filter, Nillable, Sort Description The water discharge by all the related water activities.
TotalFloorArea	Type double Properties Create, Filter, Nillable, Sort, Update Description The total building floor area of your organization.
TotalFloorAreaUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the total floor area. Possible values are: • m2 • sqft The default value is sqft.
TotalStorageInMl	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The water reserve available for all the related water activities.
TotalUnitsManufactured	Type double Properties Create, Filter, Nillable, Sort, Update Description
TotalWithdrawalInMl	Type double Properties Filter, Nillable, Sort Description The water withdrawal from all the related water activities.
WaterInventoryRecCount	Type double Properties Filter, Nillable, Sort Description The number of energy use records associated with this water footprint record.
WdrwIntsVariancePct	Type percent Properties Filter, Nillable, Sort Description The percentage difference between the water withdrawal intensity and the previous year water withdrawal intensity of the water footprint.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[StnryAssetWaterFtrntChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[StnryAssetWaterFtrntFeed](#)

Feed tracking is available for the object.

StnryAssetWaterFtprntHistory

History is available for tracked fields of the object.

StnryAssetWaterFtprntShare

Sharing is available for the object.

StnryAssetWtrFtprntItm

Represents information about the total volume of water from each water activity, such as withdrawal, consumption, or discharge related to the stationary assets. Each water activity is a child record of the stationary asset water footprint object. This object is available in API version 56.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`

Fields

Field	Details
ActivitySourceType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the type of water source that's related to the water activity of this stationary asset item. Possible values are: • <code>FreshWater</code>—Fresh Water • <code>GrndWaterNonRenewable</code>—Ground water - Non-Renewable • <code>GrndWaterRenewable</code>—Ground water - Renewable • <code>RecycledWater</code>—Recycled Water • <code>ReusedWater</code>—Reused Water • <code>SeaWater</code>—Sea Water • <code>ThirdPartyReserve</code>—Third-Party Reserve
ActivityType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the type of water activity related to the stationary asset.

Field	Details
	Possible values are: - Consumption - Discharge - Withdrawal
BaselineWaterStress	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the baseline values that identifies the water stress level. Possible values are: - ExtremelyHigh—Extremely High (>80%) - High—High (40-80%) - Low—Low (<10%) - LowToMedium—Low to Medium (10-20%) - MediumToHigh—Medium to High (20-40%)
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the stationary asset water footprint item and the associated carbon footprint record is locked for editing. The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.

Field	Details
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the stationary asset water footprint item.
ParentWaterFootprintId	Type reference Properties Filter, Group, Sort Description The parent water footprint record associated with this water footprint item. This field is a relationship field. Relationship Name ParentWaterFootprint Relationship Type Lookup Refers To StnryAssetWaterFtpnt
PrevYearWtrFtpntItemId	Type reference Properties Filter, Group, Nillable, Sort Description The previous year water footprint item record related to this footprint item. This field is a relationship field. Relationship Name PrevYearWtrFtpntItem Relationship Type Lookup Refers To StnryAssetWtrFtpntItm
QuantityInMl	Type double Properties Filter, Nillable, Sort Description The quantity of water related to the selected activity type.

Field	Details
RecordTypeId	Type reference Properties Filter, Group, Nillable, Sort, Update Description This field is a relationship field. Relationship Name RecordType Relationship Type Lookup Refers To RecordType
TotalCost	Type currency Properties Filter, Nillable, Sort Description The total cost of the water activity related to this stationary asset item.
TreatmentType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The type of activity that's performed for the treatment and discharge of the water. Possible values are: • DchgToEnvWoTreat—Discharge to Environment Without Treatment • DchgToThirdPartyWoTreat—Discharge to Third-Party Without Treatment • Other • Primary • Secondary • Tertiary
WaterActivityPct	Type percent Properties Filter, Nillable, Sort Description The percentage of the total usage that's attributed to the water activity.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[StnryAssetWtrFtpnrntltmChangeEvent](#) (API Version 63.0)

Change events are available for the object.

[StnryAssetWtrFtpnrntltmFeed](#)

Feed tracking is available for the object.

[StnryAssetWtrFtpnrntltmHistory](#)

History is available for tracked fields of the object.

SocialContributionSum

Represents information about social contributions made to political and non-political organizations belonging to financial and non-financial categories. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Category	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the category of social contribution. Possible values are: - Monetary - Non-Monetary
ContribOrganizationName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the organization making the social contribution.

Field	Details
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the country where the recipient is located. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda • BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas

Field	Details
	• BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt • EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland

Field	Details
	• FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy

Field	Details
	• JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique

Field	Details
	• MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine • PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania

Field	Details
	• RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu

Field	Details
	• TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
Description	Type textarea Properties Create, Nillable, Update Description The description of the social contribution statistics.
DisclsReportingPeriodId	Type reference Properties Create, Filter, Group, Sort, Update Description The reporting period for which the social contribution statistics are generated. This field is a relationship field. Relationship Name DisclsReportingPeriod

Field	Details
	Relationship Type Lookup Refers To DisclsReportingPeriod
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
NonMonetaryCtrb	Type double Properties Create, Filter, Nillable, Sort, Update Description The non-monetary social contribution.
NonMonetaryCtrbType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of non-monetary contribution. Possible values are:

Field	Details
	- In-Kind Donations - Pro Bono Hours - Volunteer Hours
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
RecipientName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the contribution recipient.
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company. This field is a relationship field. Relationship Name SubsidiaryAccount Relationship Type Lookup Refers To Account
TotalAmount	Type currency

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The total amount of the social contribution.
Type	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the type of social contribution. Possible values are: • Grants and Donations • Political

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

SocialContributionSumChangeEvent (API Version 63.0)

Change events are available for the object.

SocialContributionSumFeed

Feed tracking is available for the object.

SocialContributionSumHistory

History is available for tracked fields of the object.

SocialContributionSumShare

Sharing is available for the object.

Supplier

Represents information about the supplier that's related to a climate-committed company. This object is available in API version 54.0 and later.

Supported Calls

 **Note:** Supplier is available to partner community users in Experience Cloud.

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AccountId	Type reference Properties Create, Filter, Group, Sort Description The company that the supplier is associated with. This is a relationship field. Relationship Name Account Relationship Type Lookup Refers To Account
CompanyRelationshipType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The relationship between the supplier and the company. Possible values are: - Utility Supplier - Value Chain Supplier
Description	Type textarea Properties Create, Filter, Nillable, Sort, Update Description The description for the supplier record.
IsLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record is locked or not. The default value is 'false'.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MayEdit	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates if the record can be edited or not. The default value is 'false'.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the supplier record.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

SupplierFeed

Feed tracking is available for the object.

SupplierHistory

History is available for tracked fields of the object.

SupplierProduct

Represents information that's used to track the products that are purchased from a supplier. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AttributeEndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the product attribute becomes inactive.
AttributeStartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the product attribute becomes active.
DefaultProductEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The default emissions factor associated with this product that's purchased from the supplier. This field is a relationship field. Relationship Name DefaultProductEmssnFctr Relationship Type Lookup Refers To ProductEmissionsFactor

Field	Details
IsActive	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the product is currently active or inactive. The default value is <code>false</code>.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of this supplier product data.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup

Field	Details
	Refers To Group, User
ProductId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The product that the organization is purchasing from the associated supplier. This field is a relationship field. Relationship Name Product Relationship Type Lookup Refers To Product2
SourcingAllocPercentage	Type percent Properties Create, Filter, Nillable, Sort, Update Description The sourcing allocation percentage of a supplier towards the total quantity that's purchased by an organization.
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier that's associated with the sale of this product. This field is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
SupplierRank	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update
	Description The rank given to the supplier that helps an organization determine when to engage a supplier to make a purchase.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

SupplierProductFeed

Feed tracking is available for the object.

SupplierProductHistory

History is available for tracked fields of the object.

SupplierProductShare

Sharing is available for the object.

SustainabilityCredit

Represents information about the sustainability credits that are a part of a sustainability purchase. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

Fields

Field	Details
CostPerUnit	Type currency
	Properties Create, Filter, Nillable, Sort, Update
	Description The cost of the credits for each unit of emissions.

Field	Details
CrbnCreditProjectId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The carbon credit project that's associated with sustainability credit. This field is a relationship field. Relationship Name CrbnCreditProject Relationship Type Lookup Refers To CrbnCreditProject
CreditsAllocated	Type double Properties Filter, Nillable, Sort Description The credits that are allocated to the emissions inventory of the organization.
CreditsAvailable	Type double Properties Filter, Nillable, Sort Description The credits that are available after allocation.
CreditsIssueDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the credits were issued.
CreditsPurchased	Type double Properties Create, Filter, Sort, Update Description The credits that are purchased by the organization.

Field	Details
CreditsRetiredDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the credits are retired from the registry.
CreditsUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description The unit of measure for the credits. Possible values are: • TCO2E—tCO2e The default value is TCO2E.
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the sustainability credit item.
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier of the data that is imported for the carbon credit project.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the sustainability credit item.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PurchaseDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the sustainability credits were purchased.
Status	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the status of the sustainability credit. Possible values are:

Field	Details
	- HELD_WITH_REGISTRY—Held with Registry - RETIRED—Retired
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the organization responsible for supplying the sustainability credits. This field is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
SustainabilityPurchaseId	Type reference Properties Create, Filter, Group, Sort, Update Description The sustainability purchase record that's associated with the purchase of sustainability credits, such as carbon credits. This field is a relationship field. Relationship Name SustainabilityPurchase Relationship Type Lookup Refers To SustainabilityPurchase
TotalCost	Type currency Properties Filter, Nillable, Sort Description The total amount spent on the credits.
VintageYear	Type string

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description The year when the sustainability credits were issued.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[SustainabilityCreditFeed](#)

Feed tracking is available for the object.

[SustainabilityCreditHistory](#)

History is available for tracked fields of the object.

[SustainabilityCreditShare](#)

Sharing is available for the object.

SustainabilityPurchase

Represents information related to the sustainability credits purchases such as carbon credits. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
BillingAddress	Type address
	Properties Filter, Nillable
	Description The billing address associated with the sustainability purchase.
BillingCity	Type string
	Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The billing city associated with the sustainability purchase.
BillingCountry	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The billing country associated with the sustainability purchase.
BillingGeocodeAccuracy	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The accuracy level of the geocode for the billing address. Possible values are: - Address - Block - City - County - ExtendedZip - NearAddress - Neighborhood - State - Street - Unknown - Zip
BillingLatitude	Type double Properties Create, Filter, Nillable, Sort, Update Description The billing address latitude associated with the sustainability purchase.
BillingLongitude	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The billing address longitude associated with the sustainability purchase.
BillingPostalCode	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The billing address postal code associated with the sustainability purchase.
BillingState	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The billing state associated with the sustainability purchase.
BillingStreet	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description The billing street associated with the sustainability purchase.
BrokerId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the organization responsible for facilitating the supply of carbon credits. This field is a relationship field. Relationship Name Broker Relationship Type Lookup Refers To Supplier
Description	Type textarea

Field	Details
	Properties Create, Nillable, Update Description The description of the sustainability purchase.
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier of the data that is imported for the carbon credit project.
InvoiceNumber	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The invoice number associated with the sustainability purchase.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the sustainability purchase record.

Field	Details
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The primary user associated with the sustainability purchase. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PurchaseOrderNumber	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The purchase order number associated with the sustainability purchase.
Type	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The type of the sustainability purchase. Possible values are: CARBON_CREDITS—Carbon Credits

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

SustainabilityPurchaseFeed

Feed tracking is available for the object.

SustainabilityPurchaseHistory

History is available for tracked fields of the object.

SustainabilityPurchaseShare

Sharing is available for the object.

SustainabilityScorecard

Represents information about the annual sustainability scorecard of third-party organizations whose data is used to calculate scope 3 emissions. This object is available in API version 54.0 and later.

Supported Calls

 **Note:** SustainabilityScorecard is available to partner community users in Experience Cloud.

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

Fields

Field	Details
AllocatedWaterCnsmptInM3	Type double Properties Filter, Nillable, Sort Description The allocated water consumption based on the water calculation method.
AllocatedWaterDchgInM3	Type double Properties Filter, Nillable, Sort Description The allocated water discharged based on the water calculation method.
AllocatedWaterWdrwInM3	Type double Properties Filter, Nillable, Sort Description The allocated water withdrawn based on the water calculation method.
AllocationStatus	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort

Field	Details
	Description The allocation status of procurement items for the sustainability scorecard record. Possible values are: • <code>ALLOCATED</code>—Allocated • <code>IN_PROGRESS</code>—In Progress • <code>NOT_ALLOCATED</code>—Not Allocated The default value is 'NOT_ALLOCATED'.
<code>CompanyAnnualExpenditure</code>	Type double Properties Filter, Nillable, Sort Description The amount spent by the company on the supplier.
<code>CompanyAnnualExpenditureEmssn</code>	Type double Properties Filter, Nillable, Sort Description The annual spend-based scope 3 emissions of the company. This value is equal to the Final Scorecard Emissions when the scope 3 emissions calculation measure is spend based.
<code>CompanyEmissionsAllocationPct</code>	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of emissions allocated by the supplier to the company.
<code>ConsumptionUnit</code>	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the unit of measure for the water consumed by the supplier. Possible values are: • <code>Liters</code> • <code>M3</code>—m3 • <code>Megaliters</code>

Field	Details
	• UkJallons—UK Gallons • UsGallons—US Gallons The default value is <code>Liters</code>.
Description	Type textarea Properties Create, Filter, Nillable, Sort, Update Description The description for the sustainability scorecard.
DischargeUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the unit of measure for the water discharged by the supplier. Possible values are: • <code>Liters</code> • <code>M3—m3</code> • <code>Megaliters</code> • UkJallons—UK Gallons • UsGallons—US Gallons The default value is <code>Liters</code>.
EmissionAllocationType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The type of emissions data being provided by the supplier. Supplier-Allocated Emissions indicates that the supplier has already allocated greenhouse gas emissions to your company. Total Supplier Emissions indicates that the emissions value is the total greenhouse gas emissions value of the supplier. Possible values are: • <code>Supplier_Allocated_Emissions</code>—Supplier-Allocated Emissions • <code>Total_Supplier_Emissions</code>—Total Supplier Emissions
EndDate	Type date

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values in the sustainability scorecard record are valid.
FinalScorecardEmissions	Type double Properties Filter, Nillable, Sort Description The final scope 3 emissions value that's displayed based on the selected calculation measure.
IsCurrentSupplierScorecard	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates if this record is the current third party scorecard. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the sustainability scorecard record.

Field	Details
OrgWaterAllocPct	Type percent Properties Create, Filter, Nillable, Sort, Update Description The percentage of water activity allocated by the supplier to the organization.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PercentageBasedEmissions	Type double Properties Filter, Nillable, Sort Description The annual scope 3 emissions of the company when the calculation measure is Emissions Percentage.
ReportingDueDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the sustainability scorecard is due to be sent to a reporting body.
ScienceBasedTargetStatus	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The status of the science-based target of the supplier. Possible values are: - Committed - Declined - Planning - Target Set
Scope1Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The total scope 1 emissions value that's provided by the supplier.
Scope2LocationBasedEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The total scope 2 emissions value that's provided by the supplier and calculated based on the location-based data of grid emissions.
Scope2MarkedBasedEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The total scope 2 emissions value that's provided by the supplier and calculated based on the utility-provided emissions data and allocated renewable energy.
Scope3Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The total scope 3 emissions value that's provided by the supplier based on the selected Scope3EmssnCalculationMeasure, which can be Percentage-Based, Revenue-Based, Spend-Based, or Supplier-Provided.

Field	Details
Scope3EmssnCalculationMeasure	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The measure that's used to calculate scope 3 emissions. Possible values are: • Percentage_Based—Percentage Based • Revenue_Based—Revenue Based • Spend_Based—Spend Based • Supplier_Provided—Supplier Provided The default value is 'Spend_Based'.
ScopestoIncludeinCalc	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The emissions scopes to include in the final scorecard calculations. Possible values are: • SCOPE1_SCOPE2_LOCATION_BASED—Scope 1 and Scope 2 Location-Based • SCOPE1_SCOPE2_LOCATION_BASED_SCOPE3—Scope 1, Scope 2 Location-Based, and Scope 3 • SCOPE1_SCOPE2_MARKET_BASED—Scope 1 and Scope 2 Market-Based • SCOPE1_SCOPE2_MARKET_BASED_SCOPE3—Scope 1, Scope 2 Market-Based, and Scope 3 The default value is 'SCOPE1_SCOPE2_MARKET_BASED'.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values in the sustainability scorecard record are valid.
Status	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The status of the sustainability scorecard. Possible values are: • Complete • New • Supplier Declined to Report • Supplier Details Awaited • Supplier Needs Support • Supplier Response Received • Validated
SupplierAnn1RevenuePct	Type percent Properties Filter, Nillable, Sort Description The supplier's annual revenue percentage that's used in revenue-based water calculation.
SupplierAnnualRevenue	Type double Properties Create, Filter, Nillable, Sort, Update Description The annual revenue of the supplier.
SupplierAnnualRevenueEmissions	Type double Properties Filter, Nillable, Sort Description The annual scope 3 emissions of the company when the calculation measure is Supplier Annual Revenue.
SupplierClassification	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The classification of the related supplier based on the expenditure, importance, size, purchasing agreements, and other criteria. Possible values are:

Field	Details
	• Class A • Class B • Class C • Class D
SupplierContactId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The primary contact of the supplier who's responsible for providing the supplier's sustainability details. This is a relationship field. Relationship Name SupplierContact Relationship Type Lookup Refers To Contact
SupplierEmsnRdctnCmtType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The type of climate commitment made by the supplier. A supplier committing to the 1.5° Celsius emissions reduction target must set targets across all the greenhouse gas scopes in line with 1.5° Celsius emission scenarios. A supplier committing to a net-zero emissions reduction target must set a long-term science-based target to reach net-zero value chain greenhouse gas emissions by no later than 2050. It must also set interim targets across all the relevant greenhouse gas scopes. The targets must be set in line with the criteria and recommendations of the Science Based Targets initiative. Possible values are: • 1.5° Celsius • 2° Celsius • Net Zero • Other • Well Below 2° Celsius
SupplierId	Type reference

Field	Details
	Properties Create, Filter, Group, Sort, Update Description The supplier related to the sustainability scorecard record. This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
SupplierProvidedEmissions	Type double Properties Filter, Nillable, Sort Description The annual scope 3 emissions of the company when the calculation measure is Supplier-Provided Emission Values.
SupplierReportingScope	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The scope of sustainability reporting that can be done by the supplier. Possible values are: - Declined to Report - Scope 1 and 2 Emissions - Scope 1, 2, and 3 Emissions - Scope 1, 2, and Partial Scope 3 Emissions - Started Reporting
SupplierTier	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The relationship tier of the supplier. Tier 1 is for direct suppliers and tier 2 is for companies that supply tier 1 suppliers.

Field	Details
	Possible values are: • Tier 1 • Tier 2
SupplierWaterActvtyType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the type of supplier-provided water activity. " Possible values are: • AllocWaterActivity—Allocated Water Activity • TotalWaterActivity—Total Water Activity
WaterCalculationMethod	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the method that's used to calculate an organization's water activity. Possible values are: • PercentageBased—Percentage Based • RevenueBased—Revenue Based • SupplierProvided—Supplier Provided
WaterConsumptionValue	Type double Properties Create, Filter, Nillable, Sort, Update Description The water consumed by the supplier.
WaterDischargeValue	Type double Properties Create, Filter, Nillable, Sort, Update Description The water discharged by the supplier.

Field	Details
WaterWithdrawalValue	Type double Properties Create, Filter, Nillable, Sort, Update Description The water withdrawn by the supplier.
WithdrawalUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the unit of measure for the water withdrawn by the supplier. Possible values are: • Liters • M3—m3 • Megaliters • UkGallons—UK Gallons • UsGallons—US Gallons The default value is <code>Liters</code>.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[SustainabilityScorecardFeed](#)

Feed tracking is available for the object.

[SustainabilityScorecardHistory](#)

History is available for tracked fields of the object.

[SustainabilityScorecardShare](#)

Sharing is available for the object.

SustainabilityStakeholder

Represents the stakeholder for sustainability data, such as stakeholder for environmental, social, and governance data. This object is available in API version 64.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ContactId	Type reference Properties Create, Filter, Group, Sort, Update Description The contact or user associated with the stakeholder. This field is a polymorphic relationship field. Relationship Name Contact Refers To Contact, User
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the stakeholder.

Field	Details
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User
ReferenceObjectId	Type reference Properties Create, Filter, Group, Sort, Update Description The environmental, social, and governance object associated with this stakeholder. This field is a polymorphic relationship field. Relationship Name ReferenceObject Refers To StnryAssetEnvrSrc, VehicleAssetEmssnSrc
Role	Type picklist Properties Create, Filter, Group, Sort, Update Description The role of the stakeholder; for example, data collector for electricity, waste, or water.
RoleDescription	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the stakeholder's role.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[SustainabilityStakeholderHistory](#) on page 770

History is available for tracked fields of the object.

[SustainabilityStakeholderShare](#) on page 771

Sharing is available for the object.

SustainabilityTask

Represents the tasks that the sustainability stakeholder does for a sustainability task group. This object is available in API version 64.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.

Field	Details
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User
SustainabilityTaskGroupId	Type reference Properties Create, Filter, Group, Sort, Update Description The sustainability task group that's related to the sustainability task. This field is a relationship field. Relationship Name SustainabilityTaskGroup Refers To SustainabilityTaskGroup
TaskId	Type reference Properties Create, Filter, Group, Sort, Update Description The task that's related to the sustainability task. This field is a relationship field. Relationship Name Task Refers To Task
TaskStatus	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Sort

Field	Details
	Description The status of the task related to the sustainability task. Possible values are: - Completed - Deferred - In Progress - Not Started - Waiting on someone else The default value is Not Started.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[SustainabilityTaskHistory](#) on page 770

History is available for tracked fields of the object.

[SustainabilityTaskShare](#) on page 771

Sharing is available for the object.

SustainabilityTaskGroup

Represents the group of sustainability tasks. This object is available in API version 64.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the sustainability task group.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Location	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The location of the sustainability tasks in the sustainability task group. The location can include a city, county, state, province, country, or region.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the sustainability task group.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Refers To Group, User

Field	Details
PeriodEndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The end date of the data collection, report review, or other sustainability activities being tracked.
PeriodStartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The start date of the data collection, report review, or other sustainability activities being tracked.
Status	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the status of the sustainability task group. Possible values are: • <code>Complete</code>—Completed • <code>InProgress</code>—In Progress The default value is <code>Complete</code>.
TaskDueDate	Type date Properties Create, Filter, Group, Sort, Update Description The date when the stakeholder must complete the sustainability tasks.
Type	Type picklist Properties Create, Filter, Group, Sort, Update Description Specifies the type of sustainability activity being tracked in the sustainability task group.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[SustainabilityTaskGroupHistory](#) on page 770

History is available for tracked fields of the object.

[SustainabilityTaskGroupShare](#) on page 771

Sharing is available for the object.

SustainabilityUom

Represents information about the additional unit of measure values defined by a customer. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the unit of measure.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The developer name of the record. For custom units of measure in the FuelTypeSustnUom, StnryAssetEnrgyUse and VehicleAssetEnrgyUse objects, if the NamespacePrefix exists then this value in combination with <code>{NamespacePrefix}_custom_</code> is used; for example, <code>ftPackage_custom_bundle</code>; else, this value in combination with <code>custom_</code> is used; for example, <code>custom_bundle</code>.
IsProductUom	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	Description Indicates whether the unit of measure is for a product that the company has procured in its supply chain operations (true) or not (false). The default value is <code>false</code>.
IsStationaryAssetUom	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the unit of measure is used in the stationary asset calculations (true) or (not). The default value is <code>false</code>.
IsVehicleAssetUom	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the unit of measure is used in vehicle asset calculations (true) or (not). The default value is <code>false</code>.
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this object. Possible values are: • <code>da</code>—Danish • <code>de</code>—German • <code>en_US</code>—English • <code>es</code>—Spanish • <code>es_MX</code>—Spanish (Mexico) • <code>fi</code>—Finnish • <code>fr</code>—French • <code>it</code>—Italian • <code>ja</code>—Japanese • <code>ko</code>—Korean

Field	Details
	- nl_NL—Dutch - no—Norwegian - pt_BR—Portuguese (Brazil) - ru—Russian - sv—Swedish - th—Thai - zh_CN—Chinese (Simplified) - zh_TW—Chinese (Traditional)
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description The label assigned to this object.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.
UnitType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of unit used for conversions or calculations. Possible values are: - Energy - Other - Volume - Weight

SustnUomConversion

Represents information about the unit of measure conversion for the additional fuel types defined by a customer. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
ConversionFactor	Type double Properties Create, Filter, Sort, Update Description The conversion factor that's used to convert values from one unit of measure to another for the fuel type.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The developer name of the record.
FuelType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The name of the fuel type. For custom fuels, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the FuelType object}</i>; for example, <i>ftPackage_custom_wood</i>, else this value is <i>custom_{DeveloperName of the FuelType object}</i>; for example, <i>custom_wood</i>. Possible values are: • AutogasLPG—Autogas/LPG • Biodiesel • Biomass • CityGas—City Gas • CompressedNaturalGasCNG—Compressed Natural Gas (CNG) • Cooling • Diesel • Electricity • Ethanol

Field	Details
	- FuelOil—Fuel Oil - Gasoline - Heat - HeavyOil—Heavy Oil - ITElectricity—IT Electricity - JetFuel—Jet Fuel - Kerosene - LightOil—Light Oil - LiquidNaturalGasLNG—Liquefied Natural Gas (LNG) - MobileDiesel—Mobile Diesel - NaturalGas—Natural Gas - Propane - Refrigerant - Steam
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this record. Possible values are: - da—Danish - de—German - en_US—English - es—Spanish - es_MX—Spanish (Mexico) - fi—Finnish - fr—French - it—Italian - ja—Japanese - ko—Korean - nl_NL—Dutch - no—Norwegian - pt_BR—Portuguese (Brazil) - ru—Russian - sv—Swedish - th—Thai

Field	Details
	- zh_CN—Chinese (Simplified) - zh_TW—Chinese (Traditional)
MasterLabel	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The label assigned to this object.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.
SourceUom	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The source unit of measure for the fuel type. For custom fuel unit of measure, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</i>; for example, ftPackage_custom_bundle, else this value is custom_{DeveloperName of the SustainabilityUom object}; for example, custom_bundle. Possible values are: 1000m3—1000 m3 - GJ - GWh - Kiloliters - Liters - MJ - MMBtu - MWh - Therms - Tonnes - UkGallons—UK Gallons - UsGallons—US Gallons

Field	Details
	• ccf • kG—kg • kWh • kcal • lbs • longTons—long tons • m3 • shortTons—short tons
TargetUom	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The target unit of measure for the fuel type. For custom fuel unit of measure, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</i>; for example, ftPackage_custom_bundle, else this value is custom_{DeveloperName of the SustainabilityUom object}; for example, custom_bundle. Possible values are: • 1000m3—1000 m3 • GJ • GWh • Kiloliters • Liters • MJ • MMBtu • MWh • Therms • Tonnes • UkGallons—UK Gallons • UsGallons—US Gallons • ccf • kG—kg • kWh • kcal • lbs • longTons—long tons

Field	Details
	• m3 • shortTons—short tons

TaxDisclosureSummary

Represents statistics about the disclosure of business entity information to all tax jurisdictions. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CustomerTaxCollected	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total tax collected from customers on behalf of a tax authority.
Description	Type textarea Properties Create, Nillable, Update Description The description of the tax disclosure statistics.
DisclosedBy	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name of the business entity disclosing the tax details. A business entity can be an individual or an organization.
DisclsReportingPeriodId	Type reference

Field	Details
	Properties Create, Filter, Group, Sort, Update Description The reporting period for which the tax disclosure statistics are generated. This field is a relationship field. Relationship Name DisclsReportingPeriod Relationship Type Lookup Refers To DisclsReportingPeriod
EmployeeCount	Type double Properties Create, Filter, Nillable, Sort, Update Description The total number of employees within the tax jurisdiction.
EmployeeTaxWithheld	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total tax withheld and paid on behalf of employees.
EmployeeTotalIncome	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total income of the employee, which includes salaries, bonuses, commissions, retirement savings contributions, and other financial benefits.
IncomeTaxAccrued	Type currency Properties Create, Filter, Nillable, Sort, Update Description The income tax accrued by an individual or organization within the tax jurisdiction.

Field	Details
IncomeTaxPaid	Type currency Properties Create, Filter, Nillable, Sort, Update Description The income tax paid by an individual or organization within the tax jurisdiction.
IndustryTaxDue	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total industry taxes or payments due to governments.
IntraCompanyDebt	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total intra-company debt held by a business entity in the tax jurisdiction.
IntraGroupTrxnRev	Type currency Properties Create, Filter, Nillable, Sort, Update Description The revenue from intra-group transactions within the tax jurisdiction.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PrimaryActivity	Type textarea Properties Create, Nillable, Update Description The primary activity of the business entity for which the tax disclosure is being done.
ProfitLossBeforeTax	Type currency Properties Create, Filter, Nillable, Sort, Update Description The profit or loss before tax within the tax jurisdiction. Enter a positive value that indicates profit before tax or negative value that indicates loss before tax.

Field	Details
SubsidiaryAccountId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The account that's identified as a subsidiary company. This field is a relationship field. Relationship Name SubsidiaryAccount Relationship Type Lookup Refers To Account
TangibleAssetValue	Type currency Properties Create, Filter, Nillable, Sort, Update Description The value of the tangible assets within the tax jurisdiction.
TaxJurisdiction	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The jurisdiction of the tax disclosure.
ThirdPartySalesRevenue	Type currency Properties Create, Filter, Nillable, Sort, Update Description The revenue from third-party sales within the tax jurisdiction.
UncertainTaxPositionVal	Type currency Properties Create, Filter, Nillable, Sort, Update Description The total uncertain tax position value.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

TaxDisclosureSummaryChangeEvent (API Version 63.0)

Change events are available for the object.

TaxDisclosureSummaryFeed

Feed tracking is available for the object.

TaxDisclosureSummaryHistory

History is available for tracked fields of the object.

TaxDisclosureSummaryShare

Sharing is available for the object.

VehicleAssetCrbnFtrprt

Represents the total carbon emissions from vehicles. Carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e). This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AnnualEmssnInventoryId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The emissions inventory record for a particular year that's related to the vehicle asset carbon footprint record. This is a relationship field. Relationship Name AnnualEmssnInventory Relationship Type Lookup Refers To AnnualEmssnInventory

Field	Details
AuditApprovalStatus	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The status of audit approval of this carbon footprint record. Possible values are: • Approved • Pending Approval
CarbonInventoryRecordCount	Type double Properties Filter, Nillable, Sort Description The number of energy use records associated with this carbon footprint record.
Ch4EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CH4 emissions that are calculated for this energy use record.
Co2EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions that are calculated for this energy use record.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this carbon footprint record are valid.
FootprintStage	Type picklist

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The workflow stage for this carbon footprint record. Possible values are: - Completed - Data Collection - Data Validation - Emission Source Confirmation - External Audit - Internal Audit
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the vehicle asset carbon footprint record and the associated energy use records are locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oEmissionsInKg	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The N2O emissions that are calculated for this energy use record.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReportingDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when this carbon footprint record data is due to be sent to a reporting body.
ReportingYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year in which this carbon footprint record data is due to be sent to a reporting body. Possible values are: • 2000 • 2001 • 2002

Field	Details
	• 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040

Field	Details
Scp3EmssnBusTravl	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from business travel that is included in category 6 of the related carbon footprint record or the override values.
Scp3EmssnDnstrmLsdAst	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from downstream leased assets that are included in category 13 of the related carbon footprint record or the override values.
Scp3EmssnDnstrmTrnspDstr	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation and distribution of downstream assets that are included in category 9 of the related carbon footprint record or the override value.
Scp3EmssnEmpComut	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the employee commuting that is included in category 7 of the related carbon footprint record or the override value.
Scp3EmssnUpstrmTrnspDstr	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from the transportation and distribution of upstream leased assets that are included in category 4 of the related carbon footprint record or the override value.

Field	Details
Scp3UncategorizedEmssn	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from uncategorized sources in the related carbon footprint record or the override value.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this carbon footprint record are valid.
SuplScope1Emissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 1 emissions value that's added to the calculated total scope 1 emissions value.
SuplScope2LocationBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 2 location-based emissions value that's added to the calculated total scope 2 location-based emissions value.
SuplScope2MarketBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 2 market-based emissions value that's added to the calculated total scope 2 market-based emissions value.
SuplScope3DnstrmEmissions	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value from downstream activities that's added to the calculated total scope 3 emissions value.
SuplScope3UpstrmEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value from upstream activities that's added to the calculated total scope 3 emissions value.
TotFuelCnsmptnInGallons	Type double Properties Filter, Nillable, Sort Description The total fuel consumed in gallons. This value is calculated based on all the associated energy use records.
TotFuelCnsmptnInLiters	Type double Properties Filter, Nillable, Sort Description The total fuel consumed in liters. This value is calculated based on all the associated energy use records.
TotScope1EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 1 emissions from all the associated energy use records and supplemental emissions.
TotScope2LocBasedEmissions	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The total scope 2 emissions value that's calculated based on the location-based data of grid emissions.
TotScope2MktBasedEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 2 emissions value that's calculated based on the utility-provided emissions data and allocated renewable energy.
TotalScp3DnstrmEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from downstream activities. This value is calculated based on the scope 3 downstream emission values and supplemental scope 3 downstream emission values of all the associated energy use records.
TotalScp3UpstrmEmissions	Type double Properties Filter, Nillable, Sort Description The total scope 3 emissions from upstream activities. This value is calculated based on the scope 3 upstream emission values and supplemental scope 3 upstream emission values of all the associated energy use records.
VehicleAssetEmssnSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The vehicle asset emissions source record associated with this carbon footprint record. This is a relationship field. Relationship Name VehicleAssetEmssnSrc Relationship Type Lookup

Field	Details
	Refers To VehicleAssetEmssnSrc
VehicleType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The vehicle type for this carbon footprint record. Possible values are: • Company Shuttle • Fleet Vehicle • Other • Private Jet

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

VehicleAssetCrbnFtpmntChangeEvent (API Version 63.0)

Change events are available for the object.

VehicleAssetCrbnFtpmntFeed

Feed tracking is available for the object.

VehicleAssetCrbnFtpmntHistory

History is available for tracked fields of the object.

VehicleAssetCrbnFtpmntShare

Sharing is available for the object.

VehicleAssetEmssnSrc

Represents assets that are mobile in nature, use energy that can be recorded, and are the source of greenhouse gas emissions. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AccountNameId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description Name of the company, it's subsidiary, or it's business unit for which you are doing carbon accounting. This field is a relationship field. Relationship Name AccountName Relationship Type Lookup Refers To Account
BusinessRegion	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The business region where this asset is located. Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East • North America • South America • Southeast Asia
City	Type string

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The city where this asset is located.
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country where this asset is located. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda

Field	Details
	• BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Cote d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt

Field	Details
	• EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India • IO—British Indian Ocean Territory

Field	Details
	• IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia • ML—Mali

Field	Details
	• MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PS—Palestine • PT—Portugal • PY—Paraguay

Field	Details
	• QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan • TN—Tunisia • TO—Tonga

Field	Details
	• TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
CrbnEmssnScopeAlloc	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The carbon emissions scope allocation record to override default scope assignments for all the fuel types. Possible values are: • Scope 1 • Scope 2 • Scope 3 Downstream • Scope 3 Upstream • Scope3BusinessTravel—Total Scope 3 Business Travel • TotScp3DnstrmLsdAsset—Total Scope 3 Downstream Leased Asset

Field	Details
	- TotScp3DnstrmTrnspDstr—Total Scope 3 Downstream Transportation and Distribution - TotScp3EmpComut—Total Scope 3 Employee Commuting - TotScp3UpstrmTrnspDstr—Total Scope 3 Upstream Transportation and Distribution
Description	Type textarea Properties Create, Nillable, Update Description
FleetVehicleType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the type of fleet vehicle. Possible values are: - Electric - Hybrid - InternalCombustionEngine—Internal Combustion Engine
IsCompanyOwnedAsset	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the vehicle is owned by your company (true) or not (false). Vehicle ownership by the company impacts the scope allocation of associated emissions. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
LeaseExpirationDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the lease of the vehicle expires.
LeaseIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique external identifier for the vehicle lease.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OtherEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The other emissions factor set record that's associated with the vehicle. This is a relationship field. Relationship Name OtherEmssnFctr Relationship Type Lookup Refers To OtherEmssnFctrSet

Field	Details
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ParentEmissionSourceId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The parent asset that stores the aggregated emissions data of all the related assets. This is a relationship field. Relationship Name ParentEmissionSource Relationship Type Lookup Refers To VehicleAssetEmssnSrc
PostalCode	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The postal code of this asset.
State	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The state where this asset is located.

Field	Details
StreetAddress	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The street address where this asset is located.
StreetAddress2	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The second line of the street address where this asset is located.
VehicleIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique external identifier for the vehicle.
VehicleType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The type of vehicle. The type of vehicle impacts emission calculations. Possible values are: • Company Shuttle • Fleet Vehicle • Other • Private Jet

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[VehicleAssetEmssnSrcChangeEvent](#) (API Version 63.0)

Change events are available for the object.

VehicleAssetEmssnSrcFeed

Feed tracking is available for the object.

VehicleAssetEmssnSrcHistory

History is available for tracked fields of the object.

VehicleAssetEmssnSrcShare

Sharing is available for the object.

VehicleAssetEnrgyUse

Represents the fuel consumption related to vehicles. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AircraftFuelEconomy	Type double Properties Create, Filter, Nillable, Sort, Update Description The fuel economy of the aircraft.
AircraftFuelEconomyInGph	Type double Properties Filter, Nillable, Sort Description The fuel economy of the aircraft in gallons per hour.
AircraftFuelEconomyUnit	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the fuel economy of the aircraft. Possible values are: GALLONS_PER_HOUR—Gallons per Hour

Field	Details
	LITERS_PER_HOUR—Liters per Hour
AircraftType	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The type of aircraft.
CarbonFootprintReportDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the carbon footprint data of the associated stationary asset is due to be sent to a reporting body.
Ch4EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CH4 emissions that are calculated for this energy use record.
Co2EmissionsInKg	Type double Properties Filter, Nillable, Sort Description The CO2 emissions that are calculated for this energy use record.
CostCenter	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The cost center associated with this energy use record.
Distance	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The distance traveled. For a fleet vehicle, the distance is calculated if you've already entered the fuel efficiency and fuel consumption.
DistanceUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the distance travelled. Possible values are: - Kilometers - Miles The default value is 'Kilometers'.
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the values of this energy use record are valid.
FlightDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when the flight was taken.
FlightDurationInHours	Type double Properties Create, Filter, Nillable, Sort, Update Description The duration of the flight in hours.
FuelConsumption	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The calculated fuel consumption when you enter the distance and fuel efficiency
FuelConsumptionUnit	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the consumed fuel. For custom fuel unit of measure, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</i> ; for example, ftPackage_custom_bundle, else this value is custom_{DeveloperName of the SustainabilityUom object}; for example, custom_bundle. Possible values are: • LITERS—Liters • USGallons—US Gallons • kWh
FuelEfficiency	Type double Properties Create, Filter, Nillable, Sort, Update Description The fuel efficiency value. For a fleet vehicle, the fuel efficiency is calculated if you've already entered the distance and fuel consumption.
FuelEfficiencyInMpg	Type double Properties Filter, Nillable, Sort Description The fuel efficiency of the vehicle in miles per gallons.
FuelEfficiencyUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the fuel efficiency of the vehicle. Possible values are:

Field	Details
	- LITRES_PER_100KM—L per 100 km - MILES_PER_GALLON—Miles per Gallon The default value is 'LITRES_PER_100KM'.
FuelType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of fuel consumed for this energy use record. For custom fuels, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the FuelType object}</i>; for example, ftPackage_custom_wood, else this value is <i>custom_{DeveloperName of the FuelType object}</i>; for example, custom_wood. Possible values are: - AutogasLPG—Autogas/LPG - Biodiesel - CompressedNaturalGasCNG—Compressed Natural Gas (CNG) - Diesel - Electricity - Ethanol - Gasoline - JetFuel—Jet Fuel
IsCompanyOwnedAsset	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the asset is owned by the organization. The default value is 'false'.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the vehicle asset energy use record is locked for editing because the associated carbon footprint is locked for editing. The default value is 'false'.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
N2oEmissionsInKg	Type double Properties Filter, Nillable, Sort Description The N2O emissions that are calculated for this energy use record.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OtherEmssnFctrId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The other emission factors that are used to calculate the emissions. This is a relationship field. Relationship Name OtherEmssnFctr Relationship Type Lookup

Field	Details
	Refers To OtherEmssnFctrSet
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Scope1EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 1 emissions from all the associated energy use records and supplemental emissions.
Scope2LocBasedEmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 2 emissions value that's calculated based on the location-based data of grid emissions.
Scope2MktBasedEmssnInTco2e	Type double Properties Filter, Nillable, Sort Description The total scope 2 emissions value that's calculated based on the utility-provided emissions data and allocated renewable energy.

Field	Details
Scope3DnstrmEmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions from downstream activities. This value is calculated based on the scope 3 downstream emission values and supplemental scope 3 downstream emission values of all the associated energy use records.
Scope3GhgCategory	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Specifies the scope 3 GHG category for the total scope 3 emissions related to the energy use by the stationary asset environmental source. Possible values are: • Scope3BusinessTravel—Business Travel • TotScp3DnstrmLsdAsset—Downstream Leased Asset • TotScp3DnstrmTrnspDstr—Downstream Transportation and Distribution • TotScp3EmpComut—Employee Commuting • TotScp3UpstrmTrnspDstr—Upstream Transportation and Distribution
Scope3UpstrmEmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 3 emissions from upstream activities. This value is calculated based on the scope 3 upstream emission values and supplemental scope 3 upstream emission values of all the associated energy use records.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the values of this energy use record are valid.
SuplScope1Emissions	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 1 emissions value that's added to the calculated total scope 1 emissions value.
SuplScope2LocationBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 2 location-based emissions value that's added to the calculated total scope 2 location-based emissions value.
SuplScope2MarketBasedEmssn	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 2 market-based emissions value that's added to the calculated total scope 2 market-based emissions value.
SuplScope3DnstrmEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value from downstream activities that's added to the calculated total scope 3 emissions value
SuplScope3UpstrmEmissions	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 3 emissions value from upstream activities that's added to the calculated total scope 3 emissions value
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The supplier that is associated with this energy use record. This is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
TotalFuelConsumptionInGal	Type double Properties Filter, Nillable, Sort Description The total fuel consumed in US gallons.
TotalFuelConsumptionInLiter	Type double Properties Filter, Nillable, Sort Description The total fuel consumed in liters. For a private jet, the fuel consumption and fuel consumption unit values are prioritized for calculations over the aircraft fuel economy and aircraft fuel economy unit values. For a fleet vehicle, the total fuel consumption value is the fuel consumption value converted to liters.
VehicleAssetCrbnFtprntId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The vehicle asset carbon footprint record that's associated with this energy use record. This is a relationship field. Relationship Name VehicleAssetCrbnFtprnt Relationship Type Lookup Refers To VehicleAssetCrbnFtprnt

Field	Details
VehicleAssetEmsnSrcId	Type reference Properties Create, Filter, Group, Sort, Update Description The vehicle asset emission source that's associated with this energy use record. This is a relationship field. Relationship Name VehicleAssetEmsnSrc Relationship Type Lookup Refers To VehicleAssetEmsnSrc

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

VehicleAssetEnergyChangeEvent (API Version 63.0)

Change events are available for the object.

VehicleAssetEnergyUseFeed

Feed tracking is available for the object.

VehicleAssetEnergyUseHistory

History is available for tracked fields of the object.

VehicleAssetEnergyUseShare

Sharing is available for the object.

WasteFootprint

Represents the volume of aggregated waste and carbon emissions from waste generated either as part of operations or during the end-of-life of a product. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AnnualEmssnInventoryId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The emissions inventory associated with the aggregate waste footprint emissions. This field is a relationship field. Relationship Name AnnualEmssnInventory Relationship Type Lookup Refers To AnnualEmssnInventory
AuditApprovalStatus	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The status of audit approval for this waste footprint record. Possible values are: • Approved • Pending Approval
Description	Type textarea Properties Create, Nillable, Update Description
EndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date until when the waste-usage data is sent for reporting.

Field	Details
FootprintStage	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Possible values are: - Completed - Data Collection - Data Validation - External Audit - Internal Audit - Waste Source Confirmation
GeneratedWasteDetailRecordCnt	Type double Properties Filter, Nillable, Sort Description The number of generated waste records associated with this waste footprint record.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the waste footprint record and the associated energy use records are locked for editing. The default value is 'false'.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReportingDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date when this waste footprint record data is due to be sent to a reporting body.
ReportingYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Possible values are: • 2000 • 2001 • 2002

Field	Details
	• 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019 • 2020 • 2021 • 2022 • 2023 • 2024 • 2025 • 2026 • 2027 • 2028 • 2029 • 2030 • 2031 • 2032 • 2033 • 2034 • 2035 • 2036 • 2037 • 2038 • 2039 • 2040

Field	Details
Scope1EmissionsInTco2e	Type double Properties Filter, Nillable, Sort Description The scope 1 emissions value that's calculated based on scope 1 emissions from the associated generated waste records.
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 emissions source record associated with the waste related to non-stationary assets, such as waste related to the end-of-life treatment of sold products. This is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
Scp3DnstrmEndLifeSoldPrdct	Type double Properties Filter, Nillable, Sort Description The scope 3 downstream emissions from the end-of-life treatment of sold products. This value is calculated based on the scope 3 downstream emissions from the end-of-life treatment of sold products of the associated generated waste records.
Scp3UpstrmWstGenInOper	Type double Properties Filter, Nillable, Sort Description The scope 3 upstream emissions from the waste generated in operations. This value is calculated based on the scope 3 upstream emissions from waste generated in operations of the associated generated waste records.

Field	Details
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date from when the waste-usage data is sent for reporting.
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset environmental source record associated with the waste related to stationary assets, such as the waste generated in operations. This is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc
SuplScope1EmissionsInTco2e	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental scope 1 emissions value that's added to the total scope 1 emissions.
SuplScp3DnstrmEndLifeSoldPrdct	Type double Properties Create, Filter, Nillable, Sort, Update Description The supplemental downstream scope 3 emissions from the end-of-life treatment of sold products. This value is added to the total scope 3 downstream emissions from the end-of-life treatment of sold products.
SuplScp3UpstrmWstGenInOper	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update
	Description The supplemental upstream scope 3 emissions from the waste generated in operations. This value is added to the total scope 3 upstream emissions from waste generated in operations.
TotalWasteQuantityinTonnes	Type double
	Properties Filter, Nillable, Sort
	Description The total quantity of waste in tonnes that's calculated based on the associated generated waste records.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

WasteFootprintChangeEvent (API Version 63.0)

Change events are available for the object.

WasteFootprintFeed

Feed tracking is available for the object.

WasteFootprintHistory

History is available for tracked fields of the object.

WasteFootprintShare

Sharing is available for the object.

WasteFootprintItem

Represents the volume by waste type and disposal type of aggregated waste generated either as part of operations or during the end-of-life of a product. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DisposalType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Possible values are: • Anaerobically Digested (Dry Digestate with Curing) • Anaerobically Digested (Wet Digestate with Curing) • Combusted • Composted • Landfilled • Recycled
DisposedWasteQuantityPct	Type percent Properties Filter, Nillable, Sort Description The percentage difference of disposed waste quantity based on the waste type and disposal type.
DisposedWasteQuantityinTonnes	Type double Properties Filter, Nillable, Sort Description The total quantity of disposed waste in tonnes. This value is calculated based on the waste type and disposal type.
IsRecordLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the waste footprint item record and the associated energy use records are locked for editing. The default value is 'false'.

Field	Details
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
ParentWasteFootprintId	Type reference Properties Create, Filter, Group, Sort Description The parent waste footprint record for this waste footprint item record. This is a relationship field. Relationship Name ParentWasteFootprint Relationship Type Lookup Refers To WasteFootprint
WasteType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update

Field**Details****Description**

Possible values are:

- Aluminum Cans
- Aluminum Ingot
- Asphalt Concrete
- Asphalt Shingles
- Beef
- Branches
- Bread
- CRT Displays
- Carpet
- Clay Bricks
- Concrete
- Copper Wire
- Corrugated Containers
- Dairy Products
- Desktop CPUs
- Dimensional Lumber
- Drywall
- Electronic Peripherals
- Fiberglass Insulation
- Flat-panel Displays
- Fly Ash
- Food Waste
- Food Waste (meat only)
- Food Waste (non-meat)
- Fruits and Vegetables
- Glass
- Grains
- Grass
- HDPE
- Hard-copy Devices
- LDPE
- LLDPE
- Leaves
- Magazines/Third-class mail
- Medium-density Fiberboard
- Mixed Electronics

Field	Details
	• Mixed MSW (municipal solid waste) • Mixed Metals • Mixed Organics • Mixed Paper (general) • Mixed Paper (primarily from offices) • Mixed Paper (primarily residential) • Mixed Plastics • Mixed Recyclables • Newspaper • Office Paper • PET • PLA • PP • PS • PVC • Phonebooks • Portable Electronic Devices • Poultry • Steel Cans • Textbooks • Tires • Vinyl Flooring • Wood Flooring • Yard Trimmings

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

WasteFootprintItemChangeEvent (API Version 63.0)

Change events are available for the object.

WasteFootprintItemFeed

Feed tracking is available for the object.

WasteFootprintItemHistory

History is available for tracked fields of the object.

WstDispoEmssnFctrSet

Represents the emissions factors for scope 3 waste handling. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
EmissionFactorDataSource	Type textarea Properties Create, Nillable, Update Description The source of the emissions factor reference data.
EmissionFactorUpdateYear	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The year when the emissions factor reference data was last updated by a publishing authority. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013

Field	Details
	2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the waste disposal emission factor set record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog

Field	Details
	Relationship Type Lookup
	Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean
	Properties Create, Defaulted on create, Filter, Group, Sort, Update
	Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code> .

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

WstDispoEmssnFctrSetFeed

Feed tracking is available for the object.

WstDispoEmssnFctrSetHistory

History is available for tracked fields of the object.

WstDispoEmssnFctrSetShare

Sharing is available for the object.

WstDispoEmssnFctrSetItm

Represents the individual emissions factors for scope 3 waste handling based on the waste type and disposal type. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DisposalType	Type picklist

Field	Details
	Properties Create, Filter, Group, Sort, Update Description The type of waste disposal. Possible values are: • Anaerobically Digested (Dry Digestate with Curing) • Anaerobically Digested (Wet Digestate with Curing) • Combusted • Composted • Landfilled • Recycled
EmissionsFactorValue	Type double Properties Create, Filter, Nillable, Sort, Update Description The emissions factor value to convert waste quantity into the corresponding emissions
EmissionsFactorValueUnit	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The unit of measure for the emissions factor value. Possible values are: • KG_CO2E_PER_KG_WASTE_MATERIAL—kg CO2e/kg Waste Material • LB_CO2E_PER_LB_WASTE_MATERIAL—lb CO2e/lb Waste Material • TCO2E_PER_LONG_TON_WASTE_MATERIAL—tCO2e/Long Ton Waste Material • TCO2E_PER_METRIC_TONNE_WASTE_MATERIAL—tCO2e/Metric Tonne Waste Material • TCO2E_PER_SHORT_TON_WASTE_MATERIAL—tCO2e/Short Ton Waste Material • The default value is KG_CO2E_PER_KG_WASTE_MATERIAL.
EmssnFctrTco2eTonneWstMtrl	Type double Properties Filter, Nillable, Sort

Field	Details
	Description The emissions factor value in tCO2e per tonne of waste material. This value is calculated based on the emissions factor value and the emissions factor value unit.
ExternalIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The external identifier for the emissions factor.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the record.
ParentEmissionFactorId	Type reference Properties Create, Filter, Group, Sort Description The name of the parent emissions factor. This is a relationship field.

Field	Details
	Relationship Name ParentEmissionFactor Relationship Type Lookup Refers To WstDispoEmssnFctrSet
ReferenceDataLoadLogId	Type reference Properties Filter, Group, Nillable, Sort Description The reference data load log record that's associated with the emissions factor. This field is a relationship field. Relationship Name ReferenceDataLoadLog Relationship Type Lookup Refers To ReferenceDataLoadLog
ShouldLockDtastUpdtForRec	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the emissions factor record can be locked from dataset updates. The default value is <code>false</code>.
WasteType	Type picklist Properties Create, Filter, Group, Sort, Update Description The type of waste. Possible values are: - Aluminum Cans - Aluminum Ingot - Asphalt Concrete - Asphalt Shingles

Field	Details
	• Beef • Branches • Bread • CRT Displays • Carpet • Clay Bricks • Concrete • Copper Wire • Corrugated Containers • Dairy Products • Desktop CPUs • Dimensional Lumber • Drywall • Electronic Peripherals • Fiberglass Insulation • Flat-panel Displays • Fly Ash • Food Waste • Food Waste (meat only) • Food Waste (non-meat) • Fruits and Vegetables • Glass • Grains • Grass • HDPE • Hard-copy Devices • LDPE • LLDPE • Leaves • Magazines/Third-class mail • Medium-density Fiberboard • Mixed Electronics • Mixed MSW (municipal solid waste) • Mixed Metals • Mixed Organics • Mixed Paper (general) • Mixed Paper (primarily from offices) • Mixed Paper (primarily residential)

Field	Details
	• Mixed Plastics • Mixed Recyclables • Newspaper • Office Paper • PET • PLA • PP • PS • PVC • Phonebooks • Portable Electronic Devices • Poultry • Steel Cans • Textbooks • Tires • Vinyl Flooring • Wood Flooring • Yard Trimmings

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[WstDispoEmssnFctrSetltnFeed](#)

Feed tracking is available for the object.

[WstDispoEmssnFctrSetltnHistory](#)

History is available for tracked fields of the object.

YearlyUsageTrkgDataGap

Represents the percentage of gaps in the fuel usage data in a year. This object is available in API version 64.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DataGapPercent	Type percent Properties Create, Filter, Sort, Update Description The percentage of gap in the fuel usage data of a stationary asset for a year.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns this record. This field is a polymorphic relationship field. Relationship Name Owner

Field	Details
	Refers To Group, User
SourceObjectId	Type reference Properties Create, Filter, Group, Sort, Update Description The stationary asset environmental source record that stores the details of the asset that consumes the fuel. This field is a polymorphic relationship field. Relationship Name SourceObject Refers To Scope3EmssnSrc, StnryAssetEnvrSrc, VehicleAssetEmssnSrc
Type	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description The type of data gap to track. Possible values are: FuelConsumption—Fuel Consumption The default value is FuelConsumption.
UsageType	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update Description Specifies the usage type of the data gap. Possible values are: ESG—Environment, Social, and Governance The default value is ESG.
Year	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update

Field	Details
	Description The year in which this data gap is recorded. Possible values are: 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034

Field	Details
	• 2035 • 2036 • 2037 • 2038 • 2039 • 2040 • 2041 • 2042 • 2043 • 2044 • 2045 • 2046 • 2047 • 2048 • 2049 • 2050 • 2051 • 2052 • 2053 • 2054 • 2055 • 2056 • 2057 • 2058 • 2059 • 2060 • 2061 • 2062 • 2063 • 2064 • 2065 • 2066 • 2067 • 2068 • 2069 • 2070 • 2071 • 2072

Field	Details
	• 2073 • 2074 • 2075 • 2076 • 2077 • 2078 • 2079 • 2080 • 2081 • 2082 • 2083 • 2084 • 2085 • 2086 • 2087 • 2088 • 2089 • 2090 • 2091 • 2092 • 2093 • 2094 • 2095 • 2096 • 2097 • 2098 • 2099

Associated Objects

This object has the following associated objects. If the API version isn’t specified, they’re available in the same API versions as this object. Otherwise, they’re available in the specified API version and later.

YearlyUsageTrkgDataGapHistory on page 770

History is available for tracked fields of the object.

YearlyUsageTrkgDataGapShare on page 771

Sharing is available for the object.

CHAPTER 3 Net Zero Cloud Fields on Standard Objects

In this chapter ...

- [AssessmentQuestion](#)
- [AssessmentQuestionVersion](#)
- [DocumentClause](#)
- [IndicatorAssignment](#)
- [Program](#)
- [ProgramEnrollment](#)

This section lists Net Zero Cloud fields available with standard Salesforce objects. These fields are available only in orgs where Net Zero Cloud is enabled.

EDITIONS

Available in: Lightning Experience and the Salesforce mobile app

Available in: **Enterprise**, **Performance**, and **Unlimited** Editions that have Net Zero Cloud enabled.

AssessmentQuestion

Stores the questions required for an assessment. This object is available in API version 55.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DisclosureDefinitionVer	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the predefined disclosure definition version associated with the assessment question. Possible values are: - CsrdVersion3ForHybridMS365—CSRD V3 Microsoft 365 Word Hybrid Mode - CsrdVersion4ForHybridMS365—CSRD V4 Microsoft 365 Word Hybrid Mode
DisclosureDefinitionVerRefId	Type reference Properties Filter, Group, Nillable, Sort Description The custom disclosure definition version associated with the assessment question. This field is a relationship field. Relationship Name DisclosureDefinitionVerRef Refers To DisclosureDefinitionVersion

For more information, see [AssessmentQuestion in Industries Common Resources Developer Guide](#).

AssessmentQuestionVersion

Stores the question versions for the assessment questions. This object is available in API version 55.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
GuidanceInformation	Type textarea Properties Create, Nillable, Update Description The guidance for the assessment question.

For more information, see [AssessmentQuestionVersion in Industries Common Resources Developer Guide](#).

DocumentClause

Represents a clause that can be associated with multiple documents.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
BusinessUnit	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The business unit relevant to the document clause.
Country	Type string Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The country relevant to the document clause.
DataSource	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies where the data was sourced from.
Organization	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The organization relevant to the document clause.
Region	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The region relevant to the document clause.
ReportingYear	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The reporting year applicable for the document clause.
ValidEndDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description The date the document clause becomes valid.
ValidStartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The date the document clause becomes invalid.

For more information, see [DocumentClause in Salesforce Contracts](#).

IndicatorAssignment

Represents the assignment of an indicator definition that's used to measure the performance of a related activity. This object is available in API version 59.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ProgramEnrollmentId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The program enrollment that the indicator assignment measures. This field is a relationship field. Relationship Name ProgramEnrollment Relationship Type Lookup Refers To ProgramEnrollment
ProgramInitiativeEnrlId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The initiative enrollment that the indicator assignment measures. This field is a relationship field.

Field	Details
	Relationship Name ProgramInitiativeEnrl Relationship Type Lookup Refers To ProgramInitiativeEnrl
ProgramInitiativeId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The initiative that the indicator assignment measures. This field is a relationship field. Relationship Name ProgramInitiative Relationship Type Lookup Refers To ProgramInitiative

For more information, see [IndicatorAssignment in Outcome Management](#).

Program

Represents information about the enrollment and disbursement of benefits in a program. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ActualCost	Type double

Field	Details
	Properties Create, Filter, Nillable, Sort, Update Description The actual cost of the program.
BusinessRegion	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The business region where the program is running. Possible values are: • AMER • ANZ • APAC • Africa • Central America • Central Asia • EMEA • Europe • LATAM • Middle East • North America • South America • Southeast Asia
Category	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The program category. Possible values are: • EnvSocGvnc—Environmental, Social, and Governance (ESG) • Other
City	Type string

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The city where the program is running.
Country	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The country where the program is running. Possible values are: • AD—Andorra • AE—United Arab Emirates • AF—Afghanistan • AG—Antigua and Barbuda • AI—Anguilla • AL—Albania • AM—Armenia • AO—Angola • AQ—Antarctica • AR—Argentina • AT—Austria • AU—Australia • AW—Aruba • AX—Aland Islands • AZ—Azerbaijan • BA—Bosnia and Herzegovina • BB—Barbados • BD—Bangladesh • BE—Belgium • BF—Burkina Faso • BG—Bulgaria • BH—Bahrain • BI—Burundi • BJ—Benin • BL—Saint Barthélemy • BM—Bermuda

Field	Details
	• BN—Brunei Darussalam • BO—Bolivia, Plurinational State of • BQ—Bonaire, Sint Eustatius and Saba • BR—Brazil • BS—Bahamas • BT—Bhutan • BV—Bouvet Island • BW—Botswana • BY—Belarus • BZ—Belize • CA—Canada • CC—Cocos (Keeling) Islands • CD—Congo, the Democratic Republic of the • CF—Central African Republic • CG—Congo • CH—Switzerland • CI—Côte d'Ivoire • CK—Cook Islands • CL—Chile • CM—Cameroon • CN—China • CO—Colombia • CR—Costa Rica • CU—Cuba • CV—Cape Verde • CW—Curaçao • CX—Christmas Island • CY—Cyprus • CZ—Czechia • DE—Germany • DJ—Djibouti • DK—Denmark • DM—Dominica • DO—Dominican Republic • DZ—Algeria • EC—Ecuador • EE—Estonia • EG—Egypt

Field	Details
	• EH—Western Sahara • ER—Eritrea • ES—Spain • ET—Ethiopia • FI—Finland • FJ—Fiji • FK—Falkland Islands (Malvinas) • FO—Faroe Islands • FR—France • GA—Gabon • GB—United Kingdom • GD—Grenada • GE—Georgia • GF—French Guiana • GG—Guernsey • GH—Ghana • GI—Gibraltar • GL—Greenland • GM—Gambia • GN—Guinea • GP—Guadeloupe • GQ—Equatorial Guinea • GR—Greece • GS—South Georgia and the South Sandwich Islands • GT—Guatemala • GW—Guinea-Bissau • GY—Guyana • HK—Hong Kong • HM—Heard Island and McDonald Islands • HN—Honduras • HR—Croatia • HT—Haiti • HU—Hungary • ID—Indonesia • IE—Ireland • IL—Israel • IM—Isle of Man • IN—India

Field	Details
	• IO—British Indian Ocean Territory • IQ—Iraq • IR—Iran, Islamic Republic of • IS—Iceland • IT—Italy • JE—Jersey • JM—Jamaica • JO—Jordan • JP—Japan • KE—Kenya • KG—Kyrgyzstan • KH—Cambodia • KI—Kiribati • KM—Comoros • KN—Saint Kitts and Nevis • KP—Korea, Democratic People's Republic of • KR—Korea, Republic of • KW—Kuwait • KY—Cayman Islands • KZ—Kazakhstan • LA—Lao People's Democratic Republic • LB—Lebanon • LC—Saint Lucia • LI—Liechtenstein • LK—Sri Lanka • LR—Liberia • LS—Lesotho • LT—Lithuania • LU—Luxembourg • LV—Latvia • LY—Libya • MA—Morocco • MC—Monaco • MD—Moldova, Republic of • ME—Montenegro • MF—Saint Martin (French part) • MG—Madagascar • MK—North Macedonia

Field	Details
	• ML—Mali • MM—Myanmar • MN—Mongolia • MO—Macao • MQ—Martinique • MR—Mauritania • MS—Montserrat • MT—Malta • MU—Mauritius • MV—Maldives • MW—Malawi • MX—Mexico • MY—Malaysia • MZ—Mozambique • NA—Namibia • NC—New Caledonia • NE—Niger • NF—Norfolk Island • NG—Nigeria • NI—Nicaragua • NL—Netherlands • NO—Norway • NP—Nepal • NR—Nauru • NU—Niue • NZ—New Zealand • OM—Oman • PA—Panama • PE—Peru • PF—French Polynesia • PG—Papua New Guinea • PH—Philippines • PK—Pakistan • PL—Poland • PM—Saint Pierre and Miquelon • PN—Pitcairn • PR—Puerto Rico • PS—Palestine

Field	Details
	• PT—Portugal • PY—Paraguay • QA—Qatar • RE—Reunion • RO—Romania • RS—Serbia • RU—Russian Federation • RW—Rwanda • SA—Saudi Arabia • SB—Solomon Islands • SC—Seychelles • SD—Sudan • SE—Sweden • SG—Singapore • SH—Saint Helena, Ascension and Tristan da Cunha • SI—Slovenia • SJ—Svalbard and Jan Mayen • SK—Slovakia • SL—Sierra Leone • SM—San Marino • SN—Senegal • SO—Somalia • SR—Suriname • SS—South Sudan • ST—Sao Tome and Principe • SV—El Salvador • SX—Sint Maarten (Dutch part) • SY—Syrian Arab Republic • SZ—Eswatini • TC—Turks and Caicos Islands • TD—Chad • TF—French Southern Territories • TG—Togo • TH—Thailand • TJ—Tajikistan • TK—Tokelau • TL—Timor-Leste • TM—Turkmenistan

Field	Details
	• TN—Tunisia • TO—Tonga • TR—Türkiye • TT—Trinidad and Tobago • TV—Tuvalu • TW—Taiwan • TZ—Tanzania, United Republic of • UA—Ukraine • UG—Uganda • US—United States • UY—Uruguay • UZ—Uzbekistan • VA—Holy See (Vatican City State) • VC—Saint Vincent and the Grenadines • VE—Venezuela, Bolivarian Republic of • VG—Virgin Islands, British • VN—Vietnam • VU—Vanuatu • WF—Wallis and Futuna • WS—Samoa • XK—Kosovo • YE—Yemen • YT—Mayotte • ZA—South Africa • ZM—Zambia • ZW—Zimbabwe
CurrencyCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The currency in which the cost was incurred. Possible values are: • AED • AFN • ALL • AMD

Field	Details
	• ANG • AOA • ARS • AUD • AWG • AZN • BAM • BBD • BDT • BGN • BHD • BIF • BMD • BND • BOB • BRL • BSD • BTN • BWP • BYN • BZD • CAD • CDF • CHF • CLP • CNY • COP • CRC • CSD • CUP • CVE • CZK • DJF • DKK • DOP • DZD • EGP • ERN

Field	Details
	• ETB • EUR • FJD • FKP • GBP • GEL • GHS • GIP • GMD • GNF • GTQ • GYD • HKD • HNL • HRK • HTG • HUF • IDR • ILS • INR • IQD • IRR • ISK • JMD • JOD • JPY • KES • KGS • KHR • KMF • KPW • KRW • KWD • KYD • KZT • LAK • LBP • LKR

Field	Details
	• LRD • LYD • MAD • MDL • MGA • MKD • MMK • MOP • MRU • MUR • MWK • MXN • MYR • MZN • NAD • NGN • NIO • NOK • NPR • NZD • OMR • PAB • PEN • PGK • PHP • PKR • PLN • PYG • QAR • RON • RSD • RUB • RWF • SAR • SBD • SCR • SDG • SEK

Field	Details
	- SGD - SHP - SLL - SOS - SRD - STN - SYP - SZL - THB - TJS - TND - TOP - TRY - TTD - TWD - TZS - UAH - UGX - USD - UYU - UZS - VES - VND - VUV - WST - XAF - XCD - XOF - XPF - YER - ZAR The default value is USD.
CustomSustnProgramType	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Specifies the user-specified program type.

Field	Details
EmissionsActivityId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The emissions activity impacted by the program. This field is a relationship field. Relationship Name EmissionsActivity Relationship Type Lookup Refers To EmissionsActivity
EstimatedCost	Type double Properties Create, Filter, Nillable, Sort, Update Description The estimated cost of the program.
SustainabilityProgramType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The type of environmental, social and governance (ESG) program. Possible values are: - CoPlcyOrBhvrlChg—Company Policy or Behavioral Change - EnrgyEfcyInBld—Energy Efficiency in Buildings - EnrgyEfcyInProdtPrs—Energy Efficiency in Production Processes - FugitiveEmssnRduc—Fugitive Emissions Reductions - LowCrbnEnrgyCnsmp—Low-Carbon Energy Consumption - LowCrbnEnrgyGnrn—Low-Carbon Energy Generation - NonEnrgyIdstProcEmssnRduc—Non-Energy Industrial Process Emissions Reductions - Other - Trnsp—Transportation - WstRdctnAndMtrlCirc—Waste Reduction and Material Circularity

For more information, see [Program in Nonprofit Cloud](#).

ProgramEnrollment

Represents details of enrollment for benefits in a program. This object is available in API version 57.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Scope3EmssnSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The scope 3 emissions source associated with the environment, social, and governance program. This field is a relationship field. Relationship Name Scope3EmssnSrc Relationship Type Lookup Refers To Scope3EmssnSrc
StnryAssetEnvrSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The stationary asset associated with the environment, social, and governance program. This field is a relationship field. Relationship Name StnryAssetEnvrSrc Relationship Type Lookup Refers To StnryAssetEnvrSrc

Field	Details
SupplierId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The supplier associated with the environment, social, and governance program. This field is a relationship field. Relationship Name Supplier Relationship Type Lookup Refers To Supplier
VehicleAssetEmssnSrcId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The vehicle asset associated with the environment, social, and governance program. This field is a relationship field. Relationship Name VehicleAssetEmssnSrc Relationship Type Lookup Refers To VehicleAssetEmssnSrc

For more information, see [ProgramEnrollment in Nonprofit Cloud](#).

CHAPTER 4 Net Zero Cloud Associated Objects

In this chapter ...

- [StandardObjectNameChangeEvent](#)
- [StandardObjectNameFeed](#)
- [StandardObjectNameHistory](#)
- [StandardObjectNameShare](#)

This section provides a list of objects associated to Net Zero Cloud standard objects with their standard fields.

Some fields may not be listed for some objects. To see the system fields for each object, see [System Fields](#) in the *Object Reference for Salesforce and Lightning Platform*.

To verify the complete list of fields for an object, use a describe call from the API or inspect with an appropriate tool. For example, inspect the WSDL or use a schema viewer.

StandardObjectNameChangeEvent

A `ChangeEvent` object is available for each object that supports Change Data Capture. You can subscribe to a stream of change events using Change Data Capture to receive data tied to record changes in Salesforce. Changes include record creation, updates to an existing record, deletion of a record, and undeletion of a record. A change event isn't a Salesforce object—it doesn't support CRUD operations or queries. It's included in the object reference so you can discover which Salesforce objects support change events.

Supported Calls

`describeSObjects()`

Special Access Rules

- All objects may not be available in your org. Some objects require specific feature settings and permissions to be enabled.
- For more special access rules, if any, see the documentation for the standard object. For example, for `AccountChangeEvent`, see the special access rules for `Account`.

Change Event Support

Change events are available for all custom objects and a subset of standard objects. Change events that correspond to custom settings are partially supported. They aren't supported in Apex triggers but are supported in other types of subscribers. For more information about standard object support, see the [Objects That Support Change Events](#) section below.

Change Event Name

The name of a change event is based on the name of the corresponding object for which it captures the changes.

Standard Object Change Event Name

```
<Standard_Object_Name>ChangeEvent
```

Example: `AccountChangeEvent`

Custom Object Change Event Name

```
<Custom_Object_Name>__ChangeEvent
```

Example: `MyCustomObject__ChangeEvent`

Change Event Fields

The fields that a change event can include correspond to the fields on the associated parent Salesforce object, with a few exceptions. For example, `AccountChangeEvent` fields correspond to the fields on `Account`.

The fields that a change event doesn't include are:

- The `IsDeleted` system field.
- The `SystemModStamp` system field.
- Any field whose value isn't on the record and is derived from another record or from a formula, except roll-up summary fields, which are included. Examples are formula fields. Examples of fields with derived values include `LastActivityDate` and `PhotoUrl`.

Each change event also contains header fields. The header fields are included inside the `ChangeEventHeader` field. They contain information about the event, such as whether the change was an update or delete and the name of the object, like `Account`.

In addition to the event payload, the event schema ID is included in the `schema` field. Also included is the event-specific field, `replayId`, which is used for retrieving past events.

Event Message Example

This example is an event message in JSON format for a new account record creation.

```
{
  "schema": "IeRuaY6cbI_HsV8Rv1Mc5g",
  "payload": {
    "ChangeEventHeader": {
      "entityName": "Account",
      "recordIds": [
        "<record_ID>"
      ],
      "changeType": "CREATE",
      "changeOrigin": "com/salesforce/api/soap/63.0.0;client=SfdcInternalAPI/",
      "transactionKey": "0002343d-9d90-e395-ed20-cf416ba652ad",
      "sequenceNumber": 1,
      "commitTimestamp": 1612912679000,
      "commitNumber": 10716283339728,
      "commitUser": "<User_ID>"
    },
    "Name": "Acme",
    "Description": "Everyone is talking about the cloud. But what does it mean?",
    "OwnerId": "<Owner_ID>",
    "CreatedDate": "2021-02-09T23:17:59Z",
    "CreatedBy": "<User_ID>",
    "LastModifiedDate": "2021-02-09T23:17:59Z",
    "LastModifiedBy": "<User_ID>"
  },
  "event": {
    "replayId": 6
  }
}
```

API Version and Schema

When you subscribe to change events, the subscription uses the latest API version and the event messages received reflect the latest field definitions. For more information, see [API Version and Event Schema](#) in the *Change Data Capture Developer Guide*.

Usage

For more information about Change Data Capture, see [Change Data Capture Developer Guide](#).

Objects That Support Change Events

These objects have associated `ChangeEvent` objects.

- AirTravelEnrgyUse
- AnnualEmssnInventory
- AntiCorruptionInitSum
- DisclsReportingPeriod
- DivrsEquityInclSum
- EconomicPerformanceSum
- EmpBenefitSummary
- EmployeeDemographicSum
- EmployeeDevelopmentSum
- FrgtHaulingEnrgyUse
- GeneratedWaste
- GovtFinancialAsstSum
- GroundTravelEnrgyUse
- HotelStayEnrgyUse
- OrgIncidentSummary
- RentalCarEnrgyUse
- Scope3CrbnFtpmnt
- Scope3EmssnSrc
- Scope3PcmtItem
- Scope3PcmtSummary
- SocialContributionSum
- StnryAssetCrbnFtpmnt
- StnryAssetCrbnFtpmntItm
- StnryAssetEnrgyUse
- StnryAssetEnvrSrc
- StnryAssetWaterActvty
- StnryAssetWaterFtpmnt
- StnryAssetWtrFtpmntItm
- TaxDisclosureSummary
- VehicleAssetCrbnFtpmnt
- VehicleAssetEmssnSrc
- VehicleAssetEnrgyUse
- WasteFootprint
- WasteFootprintItem

StandardObjectNameFeed

StandardObjectNameFeed is the model for all feed objects associated with standard objects. These objects represent the posts and feed-tracked changes of a standard object.

The object name is variable and uses *StandardObjectNameFeed* syntax. For example, *AccountFeed* represents the posts and feed-tracked changes on an account record. We list the available associated feed objects at the end of this topic. For specific version information, see the documentation for the standard object.

Supported Calls

`delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

In the internal org, users can delete all feed items they created. This rule varies in Experience Cloud sites where threaded discussions and delete-blocking are enabled. Site members can delete all feed items they created, provided the feed items don't have content nested under them—like a comment, answer, or reply. Where the feed item has nested content, only feed moderators and users with the Modify All Data permission can delete threads.

To delete feed items they didn't create, users must have one of these permissions:

- Modify All Data
- Modify All Records on the parent object, like Account for AccountFeed
- Moderate Chatter



Note: Users with the Moderate Chatter permission can delete only the feed items and comments they can see.

Only users with this permission can delete items in unlisted groups.

For more special access rules, if any, see the documentation for the standard object. For example, for AccountFeed, see the special access rules for Account.

Fields

Field	Details
BestCommentId	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the comment marked as best answer on a question post.
Body	Type textarea Properties Nillable, Sort Description The body of the post. Required when <code>Type</code> is <code>TextPost</code>. Optional when <code>Type</code> is <code>ContentPost</code> or <code>LinkPost</code>.

Field	Details
CommentCount	Type int Properties Filter, Group, Sort Description The number of comments associated with this feed item.
ConnectionId	Type reference Properties Filter, Group, Nillable, Sort Description When a PartnerNetworkConnection modifies a record that is tracked, the <code>CreatedBy</code> field contains the ID of the system administrator. The <code>ConnectionId</code> contains the ID of the PartnerNetworkConnection. Available if Salesforce to Salesforce is enabled for your organization.
InsertedById	Type reference Properties Group, Nillable, Sort Description ID of the user who added this item to the feed. For example, if an application migrates posts and comments from another application into a feed, the <code>InsertedBy</code> value is set to the ID of the context user.
isRichText	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the feed item <code>Body</code> contains rich text. If you post a rich text feed comment using SOAP API, set <code>IsRichText</code> to <code>true</code> and escape HTML entities from the body. Otherwise, the post is rendered as plain text. Rich text supports the following HTML tags: • <code><p></code> •  Tip: Though the <code>
</code> tag isn't supported, you can use <code><p>&nbsp;</p></code> to create lines. • <code><a></code> • <code></code> • <code><code></code>

Field	Details
	• <code><i></code> • <code><u></code> • <code><s></code> • <code></code> • <code></code> • <code></code> • <code></code> The <code></code> tag is accessible only through the API and must reference files in Salesforce similar to this example: <code></code>  Note: In API version 35.0 and later, the system replaces special characters in rich text with escaped HTML. In API version 34.0 and prior, all rich text appears as a plain-text representation.
LikeCount	Type int Properties Filter, Group, Sort Description The number of likes associated with this feed item.
LinkUrl	Type url Properties Nillable, Sort Description The URL of a <code>LinkPost</code>.
NetworkScope	Type picklist Properties Group, Nillable, Restricted picklist, Sort Description Specifies whether this feed item is available in the default Experience Cloud site, a specific Experience Cloud site, or all sites. This field is available in API version 26.0 and later, if digital experiences is enabled for your org. <code>NetworkScope</code> can have the following values: • <code>NetworkId</code>—The ID of the Experience Cloud site in which the <code>FeedItem</code> is available. If left empty, the feed item is only available in the default Experience Cloud site. • <code>AllNetworks</code>—The feed item is available in all Experience Cloud sites. Note the following exceptions for <code>NetworkScope</code>:

Field	Details
	- Only feed items with a Group or User parent can set a <code>NetworkId</code> or a null value for <code>NetworkScope</code>. - For feed items with a record parent, users can set <code>NetworkScope</code> only to <code>AllNetworks</code>. - You can't filter a feed item on the <code>NetworkScope</code> field.
ParentId	Type reference Properties Filter, Group, Sort Description ID of the record that is tracked in the feed. The detail page for the record displays the feed.
RelatedRecordId	Type reference Properties Group, Nillable, Sort Description ID of the <code>ContentVersion</code> record associated with a <code>ContentPost</code>. This field is null for all posts except <code>ContentPost</code>.
Title	Type string Properties Group, Nillable, Sort Description The title of the feed item. When the <code>Type</code> is <code>LinkPost</code>, the <code>LinkUrl</code> is the URL and this field is the link name.
Type	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The type of feed item. Values are: <code>ActivityEvent</code>—indirectly generated event when a user or the API adds a Task associated with a feed-enabled parent record (excluding email tasks on cases). Also occurs when a user or the API adds or updates a Task or Event associated with a case record (excluding email and call logging). For a recurring Task with <code>CaseFeed</code> disabled, one event is generated for the series only. For a recurring Task with <code>CaseFeed</code> enabled, events are generated for the series and each occurrence.

Field	Details
	• <code>AdvancedTextPost</code>—created when a user posts a group announcement and, in Lightning Experience as of API version 39.0 and later, when a user shares a post. • <code>AnnouncementPost</code>—Not used. • <code>ApprovalPost</code>—generated when a user submits an approval. • <code>BasicTemplateFeedItem</code>—Not used. • <code>CanvasPost</code>—a post made by a canvas app posted on a feed. • <code>CollaborationGroupCreated</code>—generated when a user creates a public group. • <code>CollaborationGroupUnarchived</code>—Not used. • <code>ContentPost</code>—a post with an attached file. • <code>CreatedRecordEvent</code>—generated when a user creates a record from the publisher. • <code>DashboardComponentAlert</code>—generated when a dashboard metric or gauge exceeds a user-defined threshold. • <code>DashboardComponentSnapshot</code>—created when a user posts a dashboard snapshot on a feed. • <code>LinkPost</code>—a post with an attached URL. • <code>PollPost</code>—a poll posted on a feed. • <code>ProfileSkillPost</code>—generated when a skill is added to a user's Chatter profile. • <code>QuestionPost</code>—generated when a user posts a question. • <code>ReplyPost</code>—generated when Chatter Answers posts a reply. • <code>RypplePost</code>—generated when a user creates a Thanks badge in WDC. • <code>TextPost</code>—a direct text entry on a feed. • <code>TrackedChange</code>—a change or group of changes to a tracked field. • <code>UserStatus</code>—automatically generated when a user adds a post. Deprecated.
Visibility	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Specifies whether this feed item is available to all users or internal users only. This field is available if digital experiences is enabled for your org. <code>Visibility</code> can have the following values: • <code>AllUsers</code>—The feed item is available to all users who have permission to see the feed item. • <code>InternalUsers</code>—The feed item is available to internal users only. Note the following exceptions for <code>Visibility</code>: • For record posts, <code>Visibility</code> is set to <code>InternalUsers</code> for all internal users by default. • External users can set <code>Visibility</code> only to <code>AllUsers</code>.

Field	Details
	On user and group posts, only internal users can set <code>Visibility</code> to <code>InternalUsers</code>.

Usage

A feed for an object is automatically created when a user enables feed tracking for the object. Use feeds to track changes to records. For example, `AccountFeed` tracks changes to an account record. Use feed objects to retrieve the content of feed fields, such as type of feed or feed ID.

Note the following SOQL restrictions. No SOQL limit if logged-in user has the View All Data permission. If not, specify a `LIMIT` clause of 1,000 records or fewer. SOQL `ORDER BY` on fields using relationships is not available. Use `ORDER BY` on fields on the root object in the SOQL query.

StandardObjectNameHistory

StandardObjectNameHistory is the model for all history objects associated with standard objects. These objects represent the history of changes to the values in the fields of a standard object.

The object name is variable and uses *StandardObjectNameHistory* syntax. For example, `AccountHistory` represents the history of changes to the values of an account record's fields. We list the available associated history objects at the end of this topic. For specific version information, see the documentation for the standard object.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

For specific special access rules, if any, see the documentation for the standard object. For example, for `AccountHistory`, see the special access rules for `Account`.

Fields

Field Name	Details
<i>StandardObjectId</i>	Type reference Properties Filter, Group, Sort Description ID of the standard object.
<code>DataType</code>	Type picklist

Field Name	Details
	Properties Filter, Group, Nillable, Restricted picklist, Sort Description Data type of the field that was changed.
Field	Type picklist Properties Filter, Group, Restricted picklist, Sort Description Name of the field that was changed.
NewValue	Type anyType Properties Nillable, Sort Description New value of the field that was changed.
OldValue	Type anyType Properties Nillable, Sort Description Old value of the field that was changed.

StandardObjectNameShare

StandardObjectNameShare is the model for all share objects associated with standard objects. These objects represent a sharing entry on the standard object.

The object name is variable and uses *StandardObjectNameShare* syntax. For example, AccountBrandShare is a sharing entry on an account brand. We list the available associated share objects at the end of this topic. For specific version information, see the standard object documentation.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

For specific special access rules, if any, see the documentation for the standard object. For example, for AccountBrandShare, see the special access rules for AccountBrand.

Fields

Field Name	Details
AccessLevel	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The level of access allowed. Values are: • All (owner) • Edit (read/write) • Read (read only)
ParentId	Type reference Properties Create, Filter, Group, Sort Description ID of the parent record.
RowCause	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort Description Reason that the sharing entry exists.
UserOrGroupId	Type reference Properties Create, Filter, Group, Sort Description ID of the user or group that has been given access to the object.

CHAPTER 5 Net Zero Cloud Business APIs

In this chapter ...

- [REST Reference](#)

Net Zero Cloud Business APIs are RESTful APIs that are sometimes available as Apex classes and methods.

REST Reference

You can access Net Zero Cloud Business APIs using REST endpoints. These REST APIs follow similar conventions as Connect REST APIs.

To understand the architecture, authentication, rate limits, and how the requests and responses work, see [Connect REST API Developer Guide](#).

[Resources](#)

Here's a list of Net Zero Cloud Business API resources.

[Request Bodies](#)

Here's a list of Net Zero Cloud Business API request bodies.

[Response Bodies](#)

Here's a list of Net Zero Cloud Business API response bodies.

Resources

Here's a list of Net Zero Cloud Business API resources.

[Allocate Scorecard Emissions](#)

Allocate final emissions to procurement items. Update the AllocationStatus field on the scorecard on a successful allocation. The API allocates final emissions to procurement items based on the calculated value of the FinalScorecardEmissions field.

[Annual Emission Inventory Recalculation](#)

Recalculate a record whenever you update data, such as emission factors.

[Associate Scorecard Procurement Items](#)

Associate procurement items from supplier management to the active scorecard. Only procurement items with an unpopulated lookup can be associated with the scorecard. The API collects the procurement items that lie in between the StartDate and the EndDate as per the scorecard.

[Carbon Footprint Recalculation](#)

Recalculate a record whenever you update data, such as emission factors.

[Carbon Inventory](#)

Capture your organization's carbon footprint from a source for a certain time period by creating an annual emissions inventory. Using this data as the base, achieve your emissions reduction targets and fulfill your Net Zero commitment.

[Compute Data Gap Fillers](#)

Identify and get energy consumption records associated with the Stationary Asset Carbon Footprint object that are missing for a given period. You can fill any energy use data gaps for a stationary asset categorized as a commercial building.

[Data Gap Percentage Calculation](#)

Calculate a record whenever you update data, such as emission factors.

[Date Issues](#)

Identify and get energy consumption records with date issues associated with the Stationary Asset Carbon Footprint object.

[Dynamic Data Gap Percentage Calculation](#)

Calculate the list of data gaps for stationary assets for a dynamic date range.

[Object API Name](#)

Retrieve information of an object in JSON format, which can be used further to create a CSV template for uploading data.

[Recalculate Building Energy Intensity](#)

Recalculate the building energy intensity (BEI) based on filters such as fuel type, building type, and geolocation.

[Retrieve the List of Objects](#)

Retrieve the list of objects for a specified feature.

[Sync Sustainability Credit](#)

Synchronize your organization's carbon footprint sustainability credits from the MarketPlace to NetZero Cloud. The API populates the SustainabilityCredit, SustainabilityPurchase, and CrbnCreditProject records in Netzero Cloud.

[Lock Record](#)

Lock a record in Salesforce object to prevent data modification after carbon footprint is calculated.

[Unlock Record](#)

Unlock a record in Salesforce object to update data.

Allocate Scorecard Emissions

Allocate final emissions to procurement items. Update the AllocationStatus field on the scorecard on a successful allocation. The API allocates final emissions to procurement items based on the calculated value of the FinalScorecardEmissions field.

Special Access Rules

To use this resource, you must have AllowSCEExternalEngMgmt enabled in your Salesforce organization.

Resource

```
/connect/sustainability/supplier-management/allocate-procurement-items/${scorecardId}
```

Example

```
https://yourInstance.salesforce.com/services/data/v55.0/connect  
/sustainability/supplier-management/allocate-procurement-items/0rqRM0000004C98YAE
```

Available version

55.0

Requires Chatter

No

HTTP methods

POST

Response body for POST

[SC Scorecard Allocate Emissions](#)

SEE ALSO:

[Net Zero Cloud Calculations: Sustainability Scorecard](#)

Annual Emission Inventory Recalculation

Recalculate a record whenever you update data, such as emission factors.

Resource

```
/connect/sustainability/footprint-calculation/recalculate/${recordId}
```

Resource example

```
https://yourInstance.salesforce.com/services/data/v54.0/connect/sustainability/footprint-calculation/recalculate/4sdt10000004CQRI2
```

Available version

54.0

Requires Chatter

No

HTTP methods

POST

Response body for POST[Annual Emissions Inventory Recalculation Output](#)**Response example**

```
{
  "code"      : 0,
  "message"   : "The recalculation process is in progress and can take some time. Check
back after some time."
}
```

Associate Scorecard Procurement Items

Associate procurement items from supplier management to the active scorecard. Only procurement items with an unpopulated lookup can be associated with the scorecard. The API collects the procurement items that lie in between the StartDate and the EndDate as per the scorecard.

Special Access Rules

To use this resource, you must have read access on the SustainabilityScorecard object and write access to corresponding procurement items. Also enable AllowSCExternalEngMgmt in your Salesforce organization.

Resource

```
/connect/sustainability/supplier-management/associate-procurement-items/${scorecardId}
```

Example

```
https://yourInstance.salesforce.com/services/data/v55.0/connect
/sustainability/supplier-management/associate-procurement-items/0rqRM0000004C98YAE
```

Available version

55.0

Requires Chatter

No

HTTP methods

POST

Response body for POST[SC Scorecard Associate Scorecard](#)

Carbon Footprint Recalculation

Recalculate a record whenever you update data, such as emission factors.

Resource

```
/connect/sustainability/footprint-calculation/recalculate/${recordId}
```

Resource example

```
https://yourInstance.salesforce.com/services/data/vx.x/connect/sustainability/footprint-calculation/recalculate/4sd1100000040CR1A2
```

Available version

54.0

Requires Chatter

No

HTTP methods

POST

Response body for POST

[Carbon Footprint Recalculation Output](#)

Response example

```
{
  "code"      : 0,
  "message"   : "The recalculation process is in progress and can take some time. Check back after some time."
}
```

Carbon Inventory

Capture your organization's carbon footprint from a source for a certain time period by creating an annual emissions inventory. Using this data as the base, achieve your emissions reduction targets and fulfill your Net Zero commitment.

Resource

```
/connect/sustainability/carbon-inventory
```

Available version

54.0

Requires Chatter

No

HTTP methods

POST

Request body for POST

JSON example

```
{
  "name": "Annual Emissions Inventory 2020",
  "year": "2020",
  "stnryAssetCrbnFtprnt": {
    "footprintStage": "Internal Audit"
  }
}
```

```

    },
    "vehicleAssetCrbnFtprnt": {
      "footprintStage": "Internal Audit"
    },
    "scope3CrbnFtprnt": {
      "footprintStage": "Internal Audit"
    }
  }
}

```

Properties

Name	Type	Description	Required or Optional	Available Version
name	String	Name of the annual emissions inventory.	Required	54.0
scope3CrbnFtprnt	Scope 3 Carbon Footprint Input	Carbon footprint from scope 3 category of greenhouse gas emissions, such as emissions from sources owned or controlled by other entities in your organization.	Required	54.0
stnryAssetCrbnFtprnt	Stationary Asset Carbon Footprint Input	Stationary asset carbon footprint from environmental sources, such as a commercial building or a data center.	Required	54.0
vehicleAssetCrbnFtprnt	Vehicle Asset Carbon Footprint Input	Vehicle asset carbon footprint from vehicle assets, such as fleet vehicles, corporate aircraft, and company shuttles.	Required	54.0
year	String	Year considered for the annual emissions inventory. You can create only one annual emissions inventory for a specific year.	Required	54.0

Response body for POST

[Sustainability Carbon Inventory](#)

Compute Data Gap Fillers

Identify and get energy consumption records associated with the Stationary Asset Carbon Footprint object that are missing for a given period. You can fill any energy use data gaps for a stationary asset categorized as a commercial building.

Resource

```
/connect/sustainability/dgf/compute-datagap-fillers
```

Resource example

```
https://yourInstance.salesforce.com/services/data/v64.0/connect/sustainability/dgf/compute-datagap-fillers
```

Available version

55.0

Requires Chatter

No

HTTP methods

POST

Request body for POST

JSON example

```
{
  "recordId": "0pfRM0000004HZtYAM",
  "filters": [
    {
      "item": "FuelType",
      "value": "Diesel"
    }
  ],
  "methods": [
    "REGIONAL_BENCHMARK",
    "BUILDING_BENCHMARK",
    "MANUAL"
  ]
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
filters	Filter Input[]	List of filters to filter the output records. Each filter item is a key-value pair that contains the name and its value. Possible name is: FuelType	Optional	55.0
methods	String[]	List of the names of different methods to retrieve data gaps. Possible values are: - BUILDING_BENCHMARK - DAILY_AVERAGE_CURRENT_YEAR - DAILY_AVERAGE_LAST_YEAR - MANUAL - REGIONAL_BENCHMARK	Required	55.0
recordId	String	ID of the Stationary Asset Carbon Footprint object for which the associated energy consumption records with data gaps must be retrieved.	Required	55.0

Name	Type	Description	Required or Optional	Available Version
		Ensure that the Stationary Asset Carbon Footprint object has a valid start date and end date.		

Response body for POST

[Sustainability Data Gap Filler Output](#)

Data Gap Percentage Calculation

Calculate a record whenever you update data, such as emission factors.

Special Access Rules

Manage Data Gaps setting should be enabled in the Salesforce Organization.

Resource

/services/data/vXX.X/connect/sustainability/dgf/compute-datagap/sObjectParam/ **{sObjectParam}**

- **{sObjectParam}**: The sObjectParam is a path parameter representing the name of the sObject (Salesforce Object) such as StnryAssetEnvrSrc

Resource Example

<https://yourInstance.salesforce.com/services/data/vXX.X/connect/sustainability/dgf/compute-datagap/sObjectParam/{sObjectParam}>

Available Version

64.0

HTTP Method

POST

JSON Example

```
{
  "type": "string",
  "usageType": "string"
}
```

Properties

Property Name	Type	Description	Required or Optional	Available Version
type	String	Specifies the reason for data gap percentage computation such as FuelConsumption.	Required	64.0
usageType	String	Specifies the usage category or purpose for the data such as ESG (Environmental, Social, and Governance).	Required	64.0

Response

[Data Gap Percentage Calculation Output](#) on page 804

Date Issues

Identify and get energy consumption records with date issues associated with the Stationary Asset Carbon Footprint object.

Resource

```
/connect/sustainability/dgf/identify-date-issues
```

Resource example

```
https://yourInstance.salesforce.com/services/data/v64.0/connect/sustainability/dgf/identify-date-issues
```

Available version

55.0

Requires Chatter

No

HTTP methods

POST

Request body for POST

JSON example

```
{
  "recordId": "0ps1Q00002WsMwBQAV",
  "types": [
    "MISSING_DATES",
    "OUT_OF_DATE_RANGE",
    "OVERLAPPING_DATES"
  ],
  "filters": [
    {
      "item": "FuelType",
      "value": "Diesel"
    }
  ]
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
filters	Filter Input[]	List of filters to filter the records. Each filter item is a key-value pair that contains the name and its value. Possible name is: FuelType	Required	55.0
recordId	String	ID of the Stationary Asset Carbon Footprint object for which the associated energy consumption records with date issues must be retrieved.	Required	55.0

Name	Type	Description	Required or Optional	Available Version
		Ensure that the Stationary Asset Carbon Footprint object has a valid start date and end date.		
types	String[]	Types of date issues. Possible values are: - MISSING_DATES - OUT_OF_DATE_RANGE - OVERLAPPING_DATES	Required	55.0

Response body for POST

[Sustainability Date Issue Output](#)

Dynamic Data Gap Percentage Calculation

Calculate the list of data gaps for stationary assets for a dynamic date range.

Special Access Rules

Manage Data Gaps setting should be enabled in the Salesforce Organization.

Resource

/services/data/vXX.X/connect/sustainability/dgf/compute-datagap/ **{dataSourceType}**

- {dataSourceType}**:

Resource Example

<https://yourInstance.salesforce.com/services/data/vXX.X/connect/sustainability/dgf/compute-datagap/{dataSourceType}>

Available Version

64.0

HTTP Method

POST

JSON Example

```
{
  "filters": [
    {
      "item": "string",
      "value": "string"
    }
  ],
  "dataGapTypeVaues": [
    {
      "value": "string"
    }
  ],
  "dataGapSourceIds": [
    {
```

```

        "id": "string"
      }
    ],
    "dataGapComputationMethods": [
      {
        "computationMethod": "string"
      }
    ]
  }
}

```

Properties

Name	Type	Description	Required or Optional	Available Version
filters	Filter Input on page 795[]	List of filters to filter the output records. Each filter item is a key-value pair that contains the name and its value. Possible name is: FuelType	Required	55.0
dataGapTypeValues	String[]	An array of values specifying the types of data gaps to include in the computation. Each entry includes the parameter <i>value</i> which is the value of the data gap type.	Optional	64.0
dataGapSourceIds	String[]	An array of identifiers for data gap sources. Each entry includes <i>id</i> which is the identifier of a data gap source like stationaryAsset environmental source.	Required	64.0
dataGapComputationMethods	String[]	An array of computation methods used for data gap calculation. Each entry includes <i>computationMethod</i> which is the method used for computation. For example, Average.	Required	64.0

Response

[Dynamic Data Gap Percentage Calculation Output](#) on page 804

Object API Name

Retrieve information of an object in JSON format, which can be used further to create a CSV template for uploading data.

Resource

```
/connect/industries/csv-data-template/${objectApiName}
```

Resource Example

```
/connect/industries/csv-data-template/DisclsReportingPeriod
```

Available Version

58.0

Requires Chatter

No

HTTP methods

GET

Response body for GET[Object CSV Data Template](#)

Recalculate Building Energy Intensity

Recalculate the building energy intensity (BEI) based on filters such as fuel type, building type, and geolocation.

Resource

```
/connect/sustainability/bei/recalculate/${recordId}
```

Resource example

```
https://yourInstance.salesforce.com/services/data/vXX.X  
/connect/sustainability/bei/recalculate/${recordId}
```

Available version

55.0

Requires Chatter

No

HTTP methods

POST

Response body for POST[Building Energy Intensity Output](#)

Retrieve the List of Objects

Retrieve the list of objects for a specified feature.

Resource

```
/connect/industries/${featureName}/objects
```

Resource Example

```
/connect/industries/dataloading/objects?entityType=standard&offset=0&limit=100
```

Available version

58.0

Requires Chatter

No

HTTP methods

GET

Request parameters for GET

Parameter Name	Type	Description	Required or Optional	Available Version
entityType	String	The type of objects. The API returns only the objects filtered by the object type.	Optional	58.0
limit	Integer	The maximum number of objects that are returned for a single request.  Note: To configure pagination, either provide values for the <code>offset</code> and <code>limit</code> parameters together, or provide no values, at all. If neither <code>offset</code> nor <code>limit</code> parameters are provided, then all of the available records are returned.	Optional	58.0
offset	Integer	The starting point within the sorted list of objects.  Note: To configure pagination, either provide values for the <code>offset</code> and <code>limit</code> parameters together, or provide no values, at all. If neither <code>offset</code> nor <code>limit</code> parameters are provided, then all of the available records are returned.	Optional	58.0

Response body for GET

Feature Objects Result

Sync Sustainability Credit

Synchronize your organization's carbon footprint sustainability credits from the MarketPlace to NetZero Cloud. The API populates the SustainabilityCredit, SustainabilityPurchase, and CrbnCreditProject records in Netzero Cloud.

Resource

```
/connect/sustainability/sync-sustainability-credits
```

Example URI

```
https://yourInstance.salesforce.com/services/data/64.0/connect/sustainability/sync-sustainability-credits
```

Available version

57.0

Requires Chatter

No

HTTP methods

POST

Request body for POST**JSON example**

```
{
  "sustainabilityCarbonCredits":
  [
    {
      "description": "", //optional for integration
      "sustainabilityPurchaseId": "10s8N000000KyjGSAS", // External Id for
purchase optional for integration
      "status": "", //optional for integration
      "crbnCreditProjectId": "01t8N000000Fd86QAC", // External id for Project

      "creditsIssueDate": "", //optional for integration
      "creditsRetiredDate": "", //optional for integration
      "creditsPurchased": 1000, //required for integration
      "creditsUnit": "tCO2e", //required
      "costPerUnit": "", //optional for integration
      "vintageYear": "", //optional for integration
      "purchaseDate": "", //optional for integration
      "externalIdentifier": "", //required for integration
      //Format : func GUID(Id + OrderItemNumber)
    },
    {...}, {...}
  ]
  "sustainabilityPurchases":
  [
    {
      "name": "101", //required for integration
      "type": "CARBON_CREDITS", //required for integration
      "billingAddress": "{
        "street": "",
        "city": "",
        "state": "",
        "postalCode": "",
        "country": ""
      }, //optional for integration
      "description": "", //optional for integration
      "purchaseOrderNumber": "", //optional for integration
      "invoiceNumber": "", //optional for integration
      "externalIdentifier": "NZM-00000101" //required for integration;
      //Format : "NZM-" + <OrderNumber>
    },
    {...}, {...}
  ]
  "carbonCreditProjects":
  [
    {
      "name": "Wind Farm in New Zealand", //required for integration
      "mitigationType": "", //optional for integration
    }
  ]
}
```

```
        "projectType":"","//optional for integration
        "country":"US",//optional for integration
        "region":"NorthAmerica",//optional for integration
        "standardAgencyName":"","//optional for integration
        "voluntaryRegistryName":"Gold Standard",//optional for integration
        "additionalBenefits":"","//optional for integration
        "projectUrl":"","//optional for integration
        "description":"","//optional for integration
        "fundedBy":"","//optional for integration
        "verifiedBy":"","//optional for integration
        "projRegistryIdentifier":"1-56856-912-2",
        "externalIdentifier":"","//required for integration
                                //Format : registry identifier + registry
project ID
        "crbnCrMethodology":"","//optional for integration
    },
    {...}, {...}
]
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
~~carbonCreditProjects~~	Carbon Credit Project Input[]	The details of an environmental project that generates carbon credits by removing greenhouse gases or preventing a certain quantity of greenhouse gases from being released.	Required	57.0
~~sustainabilityCredits~~	Sustainability Credit Input[]	The total carbon credit purchased for the carbon credit project, which is the cumulative value of all the associated sustainability credits.	Required	57.0
~~sustainabilityPurchases~~	Sustainability Purchase Input[]	Information related to the purchase of sustainability credits such as carbon credits.	Required	57.0

Response body for POST

[Sync Sustainability Carbon Credit Output](#)

Lock Record

Lock a record in Salesforce object to prevent data modification after carbon footprint is calculated.

Resource

```
/connect/sustainability/record-locking/lock/${recordId}
```

Resource example

```
https://yourInstance.salesforce.com/services/data/vXX.X
/connect/sustainability/record-locking/lock/0nyxx00000000hZAAQ
```

Available version

54.0

Requires Chatter

No

HTTP methods

PUT

Response body for PUT[Record Lock Unlock Output](#)**Response example**

```
{
  code : 0,
  message : "successfully lock the record"
}
```

Unlock Record

Unlock a record in Salesforce object to update data.

Resource

```
/connect/sustainability/record-locking/unlock/${recordId}
```

Resource example

```
https://yourInstance.salesforce.com/services/data/vXX.X
/connect/sustainability/record-locking/unlock/0nyxx00000000hZAAQ
```

Available version

54.0

Requires Chatter

No

HTTP methods

PUT

Response body for PUT[Record Lock Unlock Output](#)**Response example**

```
{
  code : 0,
  message : "successfully unlock the record"
}
```

Request Bodies

Here's a list of Net Zero Cloud Business API request bodies.

[Billing Address Input](#)

Input representation of the sustainability purchase billing address.

[Carbon Credit Project Input](#)

Input representation of the carbon credit project.

[Data Gap Filler Input](#)

Input representation of the request to get missing energy consumption records.

[Data Gap Percentage Calculation Input](#)

Input representation of Data Gap Percentage Calculation endpoint.

[Date Issue Input](#)

Input representation of the request to get energy consumption records having date issues.

[Dynamic Data Gap Percentage Calculation Input](#)

Input representation of Dynamic Data Gap Percentage Calculation endpoint.

[Filter Input](#)

Input representation of the filter object with key value pair.

[Scope 3 Carbon Footprint Input](#)

Input representation of the source to calculate the scope 3 carbon footprint. A scope 3 carbon footprint covers greenhouse gas emissions from sources owned or controlled by other entities in your organization.

[Stationary Asset Carbon Footprint Input](#)

Input representation of the source to calculate the carbon footprint from stationary assets, such as a commercial building or a data center.

[Sustainability Carbon Inventory Input](#)

Input representation of the annual emissions inventory creation request.

[Sync Sustainability Carbon Credit Input](#)

Input representation of the carbon footprint sustainability credits.

[Sustainability Credit Input](#)

Input representation of the sustainability credit associated with the carbon credit project.

[Sustainability Purchase Input](#)

Input representation of the sustainability carbon credit purchase.

[Vehicle Asset Carbon Footprint Input](#)

Input representation of the source to calculate the carbon footprint from vehicle assets, such as fleet vehicles, corporate aircraft, and company shuttles.

Billing Address Input

Input representation of the sustainability purchase billing address.

Properties

Name	Type	Description	Required or Optional	Available Version
city	String	The city where the sustainability purchase billing address is located.	Required	57.0
country	String	The country where the sustainability purchase billing address is located.	Required	57.0
postalCode	String	The postal code of the city where the sustainability purchase billing address is located.	Required	57.0
state	String	The state where the sustainability purchase billing address is located.	Required	57.0
street	String	The street where the sustainability purchase billing address is located.	Required	57.0

Carbon Credit Project Input

Input representation of the carbon credit project.

Properties

Name	Type	Description	Required or Optional	Available Version
additionalBenefits	String	Specifies the additional benefits related to the carbon credit project. Possible values are: • Access • Biodiversity • Education • Energy • Health	Optional	57.0
country	String	The country in which the carbon credit project is implemented.	Optional	57.0
carbonMethodology	String	The method that is used to adjust the carbon credits during the lifecycle of the project.	Optional	57.0
description	String	The description of the carbon credit project.	Optional	57.0
externalIdentifier	String	The external identifier of the data that is imported for the carbon credit project.	Required	57.0

Name	Type	Description	Required or Optional	Available Version
fundedBy	String	The name of the organization that's funding the carbon credit project.	Optional	57.0
mitigationType	String	Specifies the mitigation strategy associated with this carbon credit project. Possible values are: • Prevention • Reduction • Removal • Sequestration	Optional	57.0
name	String	The name of the environmental project that generates carbon credits by removing greenhouse gases or preventing a certain quantity of greenhouse gases from being released.	Required	57.0
projectIdentifier	String	The unique identifier that's assigned by the registry to the carbon credit project.	Optional	57.0
projectType	String	Specifies the type of the carbon credit project. Possible values are: • Agriculture • ForestryandLandUse • FuelSwitching • HouseholdDevices • IndustrialManufacturing • RenewableEnergy • TransportationWasteDisposal	Optional	57.0
projectUrl	String	The URL that contains the carbon credit project details.	Optional	57.0
region	String	The region within the country where the carbon credit project is implemented.	Required	57.0
standardAgencyName	String	Name of the agency associated with the carbon credit project. Possible values are: • Climate, CommunityandBiodiversityStandards • GoldStandard • VerifiedCarbonStandard	Optional	57.0

Name	Type	Description	Required or Optional	Available Version
		VoluntaryOffsetStandard		
verifiedBy	String	The name of the organization that verified the carbon credit project.	Optional	57.0
voluntaryRegistryName	String	The name of the registry that lists the carbon credit projects.	Optional	57.0

Data Gap Filler Input

Input representation of the request to get missing energy consumption records.

JSON example

```
{
  "recordId": "0pfRM0000004HZtYAM",
  "filters": [
    {
      "item": "FuelType",
      "value": "Diesel"
    }
  ],
  "methods": [
    "REGIONAL_BENCHMARK",
    "BUILDING_BENCHMARK",
    "MANUAL"
  ]
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
filters	Filter Input[]	List of filters to filter the output records. Each filter item is a key-value pair that contains the name and its value. Possible name is: FuelType	Optional	55.0
methods	String[]	List of the names of different methods to retrieve data gaps. Possible values are: - BUILDING_BENCHMARK - DAILY_AVERAGE_CURRENT_YEAR - DAILY_AVERAGE_LAST_YEAR - MANUAL	Required	55.0

Name	Type	Description	Required or Optional	Available Version
		REGIONAL_BENCHMARK		
recordId	String	ID of the Stationary Asset Carbon Footprint object for which the associated energy consumption records with data gaps must be retrieved. Ensure that the Stationary Asset Carbon Footprint object has a valid start date and end date.	Required	55.0

Data Gap Percentage Calculation Input

Input representation of Data Gap Percentage Calculation endpoint.

JSON Example

```
{
  "type": "string",
  "usageType": "string"
}
```

Properties

Property Name	Type	Description	Required or Optional	Available Version
type	String	Specifies the reason for data gap percentage computation such as FuelConsumption.	Required	64.0
usageType	String	Specifies the usage category or purpose for the data such as ESG (Environmental, Social, and Governance).	Required	64.0

Date Issue Input

Input representation of the request to get energy consumption records having date issues.

JSON example

```
{
  "recordId": "0ps1Q00002WsMwBQAV",
  "types": [
    "MISSING_DATES",
    "OUT_OF_DATE_RANGE",
    "OVERLAPPING_DATES"
  ],
  "filters": [
    {
      "item": "FuelType",

```

```

      "value": "Diesel"
    }
  ]
}

```

Properties

Name	Type	Description	Required or Optional	Available Version
filters	Filter Input[]	List of filters to filter the records. Each filter item is a key-value pair that contains the name and its value. Possible name is: FuelType	Required	55.0
recordId	String	ID of the Stationary Asset Carbon Footprint object for which the associated energy consumption records with date issues must be retrieved. Ensure that the Stationary Asset Carbon Footprint object has a valid start date and end date.	Required	55.0
types	String[]	Types of date issues. Possible values are: - MISSING_DATES - OUT_OF_DATE_RANGE - OVERLAPPING_DATES	Required	55.0

Dynamic Data Gap Percentage Calculation Input

Input representation of Dynamic Data Gap Percentage Calculation endpoint.

JSON Example

```

{
  "filters": [
    {
      "item": "string",
      "value": "string"
    }
  ],
  "dataGapTypeVaues": [
    {
      "value": "string"
    }
  ],
  "dataGapSourceIds": [

```

```

    {
      "id": "string"
    }
  ],
  "dataGapComputationMethods": [
    {
      "computationMethod": "string"
    }
  ]
}

```

Properties

Name	Type	Description	Required or Optional	Available Version
filters	Filter Input on page 795[]	List of filters to filter the output records. Each filter item is a key-value pair that contains the name and its value. Possible name is: FuelType	Required	55.0
dataGapTypeValues	String[]	An array of values specifying the types of data gaps to include in the computation. Each entry includes the parameter <i>value</i> which is the value of the data gap type.	Optional	64.0
dataGapSourceIds	String[]	An array of identifiers for data gap sources. Each entry includes <i>id</i> which is the identifier of a data gap source like stationaryAsset environmental source.	Required	64.0
dataGapComputationMethods	String[]	An array of computation methods used for data gap calculation. Each entry includes <i>computationMethod</i> which is the method used for computation. For example, Average.	Required	64.0

Filter Input

Input representation of the filter object with key value pair.

Properties

Name	Type	Description	Required or Optional	Available Version
item	String	The filter item indicating the property of the item.	Optional	55.0
value	String	Indicates the value of the specific item.	Optional	55.0

Scope 3 Carbon Footprint Input

Input representation of the source to calculate the scope 3 carbon footprint. A scope 3 carbon footprint covers greenhouse gas emissions from sources owned or controlled by other entities in your organization.

JSON example

```
"scope3CrbnFtprnt": {  
  "footprintStage": "Internal Audit"  
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
footprintStage	String	Specifies the stage of the scope 3 carbon footprint. An annual emissions inventory is created only for the scope 3 carbon footprints with a footprint stage.	Required	54.0

Stationary Asset Carbon Footprint Input

Input representation of the source to calculate the carbon footprint from stationary assets, such as a commercial building or a data center.

JSON example

```
"stnryAssetCrbnFtprnt": {  
  "footprintStage": "Internal Audit"  
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
footprintStage	String	Specifies the stage of the stationary asset carbon footprint. An annual emissions inventory request is created only for the stationary asset carbon footprints with a footprint stage.	Required	54.0

Sustainability Carbon Inventory Input

Input representation of the annual emissions inventory creation request.

JSON example

```
{  
  "name": "Annual Emissions Inventory 2020",  
  "year": "2020",  
}
```

```
"stnryAssetCrbnFtprnt": {
  "footprintStage": "Internal Audit"
},
"vehicleAssetCrbnFtprnt": {
  "footprintStage": "Internal Audit"
},
"scope3CrbnFtprnt": {
  "footprintStage": "Internal Audit"
}
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
name	String	Name of the annual emissions inventory.	Required	54.0
scope3CrbnFtprnt	Scope 3 Carbon Footprint Input	Carbon footprint from scope 3 category of greenhouse gas emissions, such as emissions from sources owned or controlled by other entities in your organization.	Required	54.0
stnryAssetCrbnFtprnt	Stationary Asset Carbon Footprint Input	Stationary asset carbon footprint from environmental sources, such as a commercial building or a data center.	Required	54.0
vehicleAssetCrbnFtprnt	Vehicle Asset Carbon Footprint Input	Vehicle asset carbon footprint from vehicle assets, such as fleet vehicles, corporate aircraft, and company shuttles.	Required	54.0
year	String	Year considered for the annual emissions inventory. You can create only one annual emissions inventory for a specific year.	Required	54.0

Sync Sustainability Carbon Credit Input

Input representation of the carbon footprint sustainability credits.

JSON example

```
{
  "sustainabilityCarbonCredits": [
    {
      "description": "", //optional for integration
      "sustainabilityPurchaseId": "10s8N000000KyjGSAS", // External Id for purchase optional for integration
      "status": "", //optional for integration
      "crbnCreditProjectId": "01t8N000000Fd86QAC", // External id for Project
      "creditsIssueDate": "", //optional for integration
      "creditsRetiredDate": "", //optional for integration
    }
  ]
}
```

```

        "creditsPurchased":1000, //required for integration
        "creditsUnit":"tCO2e", //required
        "costPerUnit":"", //optional for integration
        "vintageYear":"", //optional for integration
        "purchaseDate":"", //optional for integration
        "externalIdentifier":"", //required for integration
                                //Format : func GUID(Id + OrderItemNumber)
    },
    {...}, {...}
]
"sustainabilityPurchases":
[
    {
        "name":"101",//required for integration
        "type":"CARBON_CREDITS", //required for integration
        "billingAddress":{"
            "street": "",
            "city": "",
            "state": "",
            "postalCode": "",
            "country": ""
        },//optional for integration
        "description":"","//optional for integration
        "purchaseOrderNumber":"","//optional for integration
        "invoiceNumber":"","//optional for integration
        "externalIdentifier":"NZM-00000101"//required for integration;
                                //Format : "NZM-" + <OrderNumber>
    },
    {...}, {...}
]
"carbonCreditProjects":
[
    {
        "name":"Wind Farm in New Zealand",//required for integration
        "mitigationType":"","//optional for integration
        "projectType":"","//optional for integration
        "country":"US",//optional for integration
        "region":"NorthAmerica",//optional for integration
        "standardAgencyName":"","//optional for integration
        "voluntaryRegistryName":"Gold Standard",//optional for integration
        "additionalBenefits":"","//optional for integration
        "projectUrl":"","//optional for integration
        "description":"","//optional for integration
        "fundedBy":"","//optional for integration
        "verifiedBy":"","//optional for integration
        "projRegistryIdentifier":"1-56856-912-2",
        "externalIdentifier":"","//required for integration
                                //Format : registry identifier + registry project
ID
        "crbnCrMethodology":"","//optional for integration
    },
    {...}, {...}
]
}

```

Properties

Name	Type	Description	Required or Optional	Available Version
<code>carbonCreditProject</code>	Carbon Credit Project Input[]	The details of an environmental project that generates carbon credits by removing greenhouse gases or preventing a certain quantity of greenhouse gases from being released.	Required	57.0
<code>sustainabilityCarbonCredits</code>	Sustainability Credit Input[]	The total carbon credit purchased for the carbon credit project, which is the cumulative value of all the associated sustainability credits.	Required	57.0
<code>sustainabilityPurchase</code>	Sustainability Purchase Input[]	Information related to the purchase of sustainability credits such as carbon credits.	Required	57.0

Sustainability Credit Input

Input representation of the sustainability credit associated with the carbon credit project.

Properties

Name	Type	Description	Required or Optional	Available Version
<code>costPerUnit</code>	Double	The cost of the credits for each unit of emissions.	Optional	57.0
<code>carbonCreditProjectId</code>	String	The carbon credit project that's associated with the sustainability credit.	Required	57.0
<code>creditsIssueDate</code>	String	The date when the credits were issued.	Optional	57.0
<code>creditsPurchased</code>	Double	The credits that are purchased by the organization.	Required	57.0
<code>creditsRetiredDate</code>	String	The date when the credits are retired from the registry.	Optional	57.0
<code>creditsUnit</code>	String	The unit of measure for the credits.	Required	57.0
<code>description</code>	String	The description of the carbon credit project.	Optional	57.0
<code>externalIdentifier</code>	String	The external identifier of the data that is imported for the carbon credit project.	Required	57.0
<code>purchaseDate</code>	String	The date when the sustainability credits were purchased.	Optional	57.0

Name	Type	Description	Required or Optional	Available Version
status	String	Specifies the status of the sustainability credit. Possible values are: - Retired - Transferred - HeldbySeller	Optional	57.0
sustainabilityPurchaseRecord	String	The sustainability purchase record that's associated with the purchase of sustainability credits, such as carbon credits.	Required	57.0
vintageYear	String	The year when the sustainability credits were issued.	Optional	57.0

Sustainability Purchase Input

Input representation of the sustainability carbon credit purchase.

Properties

Name	Type	Description	Required or Optional	Available Version
billingAddress	Billing Address Input	The billing address associated with the sustainability purchase.	Optional	57.0
description	String	The description of the sustainability purchase.	Optional	57.0
externalIdentifier	String	The external identifier of the data that is imported for the carbon credit project.	Required	57.0
invoiceNumber	String	The invoice number associated with the sustainability purchase.	Optional	57.0
name	String	The name of the environmental project that generates carbon credits by removing greenhouse gases or preventing a certain quantity of greenhouse gases from being released.	Required	57.0
purchaseOrderNumber	String	The purchase order number associated with the sustainability purchase.	Optional	57.0
type	String	The type of the sustainability purchase.	Required	57.0

Vehicle Asset Carbon Footprint Input

Input representation of the source to calculate the carbon footprint from vehicle assets, such as fleet vehicles, corporate aircraft, and company shuttles.

JSON example

```
"vehicleAssetCrbnFtprnt": {
  "footprintStage": "Internal Audit"
}
```

Properties

Name	Type	Description	Required or Optional	Available Version
footprintStage	String	Specifies the stage of the vehicle asset carbon footprint. An annual emissions inventory is created only for the vehicle asset carbon footprints with a footprint stage.	Required	54.0

Response Bodies

Here's a list of Net Zero Cloud Business API response bodies.

[Annual Emissions Inventory Recalculation Output](#)

Output representation of the annual emissions inventory recalculation request.

[Building Energy Intensity Output](#)

Output representation of the building energy intensity calculation request.

[Carbon Footprint Recalculation Output](#)

Output representation of the carbon footprint recalculation request.

[CSV Data Template Fields](#)

Output representation for the field details in the CSV data template.

[CSV Data Template](#)

Output representation of the CSV data template.

[Data Gap Percentage Calculation Output](#)

Output representation of Data Gap Percentage Calculation.

[Dynamic Data Gap Percentage Calculation Output](#)

Output representation of Dynamic Data Gap Percentage Calculation endpoint.

[Enum Mapping Error](#)

Output representation for enum mapping errors for sync-sustainability-credits connect API.

[Feature Object](#)

Output representation of the details of the feature object.

[Feature Objects Result](#)

Output representation of the fetch feature object request.

[Object CSV Data Template](#)

Output representation of the CSV data template for an object.

[Required Field Error](#)

Output representation of the required field errors.

[Record Lock Unlock Output](#)

Output representation of the lock or unlock of a Salesforce object record.

[Sustainability Carbon Inventory](#)

Output representation of the annual emissions inventory creation request.

[Sync Sustainability Carbon Credit Output](#)

Output representation for the sync sustainability carbon credit trigger.

[Sustainability Scorecard Allocate Emissions](#)

Output representation of the allocate scorecard emissions request.

[Sync Sustainability Carbon Credit Error](#)

Sync sustainability carbon credit error output representation.

[Sustainability Scorecard Associate Scorecard](#)

Output representation of the associate scorecard request.

[Sustainability Data Gap Filler Output](#)

Output representation of the data gap filler request.

[Sustainability Data Gap Record](#)

Output representation of the sustainability data gap filler record.

[Sustainability Date Issue Output](#)

Output representation for sustainability date issue request.

[Validation Rule Error](#)

Output representation of the validation rule.

Annual Emissions Inventory Recalculation Output

Output representation of the annual emissions inventory recalculation request.

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The code returned by the carbon footprint recalculation request.	Small, 54.0	54.0
message	String	The message associated with the carbon footprint recalculation request.	Small, 54.0	54.0

Building Energy Intensity Output

Output representation of the building energy intensity calculation request.

JSON example

```
{
  "code": 200,
  "message": "success"
}
```

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The request response code.	Small, 55.0	55.0
message	String	The request response message, which indicates whether the API request is successful or not.	Small, 55.0	55.0

Carbon Footprint Recalculation Output

Output representation of the carbon footprint recalculation request.

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The code returned by the carbon footprint recalculation request.	Small, 54.0	54.0
message	String	The message associated with the carbon footprint recalculation request.	Small, 54.0	54.0

CSV Data Template Fields

Output representation for the field details in the CSV data template.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The API name of an object.	Small, 58.0	58.0
fieldName	String	The name of the field that contains the verification data based on the selected field type.	Small, 58.0	58.0
fieldType	String	The data type of the field.	Small, 58.0	58.0
required	Boolean	Determines whether the field is required or not.	Small, 58.0	58.0

CSV Data Template

Output representation of the CSV data template.

Property Name	Type	Description	Filter Group and Version	Available Version
editableFields	CSV Data Template []	The fields that are editable in the CSV data template.	Small, 58.0	58.0
objectName	String	The name of the CSV data template object.	Small, 58.0	58.0
readOnlyFields	CSV Data Template []	The fields that are read-only in the CSV data template.	Small, 58.0	58.0

Data Gap Percentage Calculation Output

Output representation of Data Gap Percentage Calculation.

JSON Example

```
{
  "status": "string"
}
```

Property Name	Type	Description	Available Version
status	String	Indicates the status of the data gap computation request. For example, the value can be Accepted.	64.0

Dynamic Data Gap Percentage Calculation Output

Output representation of Dynamic Data Gap Percentage Calculation endpoint.

Example

```
{
  "gaps": [
    {
      "id": "string",
      "details": {
        "methods": [
          {
            "dataGapComputationMethod": "string",
            "dataGapValue": "string"
          }
        ]
      }
    }
  ]
}
```

Properties

Property Name	Type	Description	Available Version
gaps	String[]	An array that contains details about calculated data gaps. Each element in the array represents a single data gap.	64.0
id	String	A string identifier for the data gap, for example, the ID of Stationary asset envr src.	64.0
details	Object	An object that provides additional information about the data gap.	64.0
methods	String[]	An array of methods used to compute the data gap.	64.0
dataGapComputationMethod	String	The method used to calculate the data gap.	64.0
dataGapValue	Integer	The calculated value of the data gap.	64.0

Enum Mapping Error

Output representation for enum mapping errors for sync-sustainability-credits connect API.

Property Name	Type	Description	Filter Group and Version	Available Version
entityName	String	The name of the entity associated with the carbon credit project.	Small, 57.0	57.0
errorMessage	String	The details of the error.	Small, 57.0	57.0
externalIdentifier	String	The external identifier of the data that is imported for the carbon credit project.	Small, 57.0	57.0
fieldName	String	The name of the field associated with the carbon credit project.	Small, 57.0	57.0

Feature Object

Output representation of the details of the feature object.

Property Name	Type	Description	Filter Group and Version	Available Version
apiName	String	The API name of a feature object.	Small, 58.0	58.0
label	String	The UI label of an object	Small, 58.0	58.0

Feature Objects Result

Output representation of the fetch feature object request.

JSON example

```
{
  "currentPageNumber": 1,
  "currentPageSize": 10,
  "objects": [
    {
      "apiName": "Account",
      "label": "Account"
    },
    {
      "apiName": "Asset",
      "label": "Asset"
    },
    {
      "apiName": "AssetRelationship",
      "label": "Asset Relationship"
    },
    {
      "apiName": "Case",
      "label": "Case"
    },
    {
      "apiName": "Contact",
      "label": "Contact"
    },
    {
      "apiName": "Contract",
      "label": "Contract"
    },
    {
      "apiName": "Event",
      "label": "Event"
    },
    {
      "apiName": "Individual",
      "label": "Individual"
    },
    {
      "apiName": "Lead",
      "label": "Lead"
    }
    . . .
  ],
  "totalAvailableItems": 22
}
```

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The request response code.	Small, 58.0	58.0
currentPageNumber	Long	The current page number.	Small, 58.0	58.0
currentPageSize	Integer	The number of objects in the current page.	Small, 58.0	58.0

Property Name	Type	Description	Filter Group and Version	Available Version
message	String	The request response message.	Small, 58.0	58.0
objects	Feature Object[]	The list of feature objects.	Small, 58.0	58.0
totalAvailableItems	Long	The number of the total available items in the feature object.	Small, 58.0	58.0

Object CSV Data Template

Output representation of the CSV data template for an object.

JSON example

```
{
  template: {
    'objectName': "",
    'editableFields': [
      {
        "apiName" : "",
        "fieldName" : "",
        "fieldType" : "",
        "required" : ""
      }
    ],
    'readOnlyFields': [
      {
        "apiName" : "",
        "fieldName" : "",
        "fieldType" : ""
        "required" : ""
      }
    ]
  },
  code (Integer): 0
  message (String) : ""
}
```

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The request response code.	Small, 58.0	58.0
message	String	The request response message.	Small, 58.0	58.0
template	CSV Data Template[]	The details of the CSV data template.	Small, 58.0	58.0

Required Field Error

Output representation of the required field errors.

Property Name	Type	Description	Filter Group and Version	Available Version
entityName	String	The name of the entity associated with the carbon credit project.	Small, 57.0	57.0
errorMessage	String	The messages that provides the error details.	Small, 57.0	57.0
externalIdentifier	String	The external identifier of the data that is imported for the carbon credit project.	Small, 57.0	57.0
fieldName	String	The name of the field associated with the carbon credit project.	Small, 57.0	57.0

Record Lock Unlock Output

Output representation of the lock or unlock of a Salesforce object record.

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The code returned by the lock or unlock request.	Small, 54.0	54.0
message	String	The message associated with the lock or unlock request.	Small, 54.0	54.0

Sustainability Carbon Inventory

Output representation of the annual emissions inventory creation request.

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	Indicates the status of your creation request for the annual emissions inventory.	Small, 54.0	54.0
message	String	Indicates the successful creation of the annual emissions inventory or errors, if any.	Small, 54.0	54.0

Sync Sustainability Carbon Credit Output

Output representation for the sync sustainability carbon credit trigger.

JSON example

```
{
  "message": "", //In case of error
  "code": "", // In case of error
  "syncSustainabilityCarbonCreditErrors": { /// Make it a generic error and consolidate all validation errors in one pass
    "enumMappingErrors": [
```



```
{
  {
    "entityName": "",
    "errorMessage", ""
    "externalIdentifier": "",
    "fieldName": ""
  }, {...}, {...}
],
"requiredFieldErrors":[
{
  "entityName": "",
  "errorMessage", ""
  "externalIdentifier": "",
  "fieldName": ""
}, {...}, {...},
"validationRuleErrors":[
{
  "entityName": "",
  "errorMessage", ""
  "externalIdentifier": "",
  "fieldName": ""
}, {...}, {...}
],
],
}
```

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The error code returned in case of failure to sync sustainability carbon credits.	Small, 57.0	57.0
message	String	Provides information about the reason for failure.	Small, 57.0	57.0
syncSustainabilityCarbonCredits	Sync Sustainability Carbon Credit Error	Error messages to troubleshoot the sync request failure.	Small, 57.0	57.0

Sustainability Scorecard Allocate Emissions

Output representation of the allocate scorecard emissions request.

JSON Example

```
{
  "code":"201",
  "message":"The allocate final scorecard emissions process can take some time."
}
```

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The request response code.	Small, 55.0	55.0
message	String	The request response message.	Small, 55.0	55.0

Sync Sustainability Carbon Credit Error

Sync sustainability carbon credit error output representation.

Property Name	Type	Description	Filter Group and Version	Available Version
enumMappingErrors	Enum Mapping Error Representation	Error messages caused by enum mapping issues.	Small, 57.0	57.0
requiredFieldErrors	Required Field Error Representation	Error messages caused by incomplete fields.	Small, 57.0	57.0
validationRuleErrors	Validation Rule Error Representation	Error messages caused by invalid rules.	Small, 57.0	57.0

Sustainability Scorecard Associate Scorecard

Output representation of the associate scorecard request.

JSON Example

```
{
  "code": "0",
  "message": "The associate procurement items process can take some time."
}
```

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	The request response code.	Small, 55.0	55.0
message	String	The request response message.	Small, 55.0	55.0

Sustainability Data Gap Filler Output

Output representation of the data gap filler request.

JSON example

```
{
  "code": 0,
  "gaps": [
    {
      "fillValues": {
        "MANUAL": {
          "FuelConsumptionUnit": "kWh",
          "FuelType": "Diesel",
          "Name": "SAES - Jan 1, 2023 - Jul 25, 2023 - Diesel",
          "FuelConsumption": 0,
          "EndDate": "2023-07-25",
          "StartDate": "2023-01-01"
        }
      }
    }
  ]
}
```

```

    },
    {
      "fillValues":{
        "MANUAL":{
          "FuelConsumptionUnit":"kWh",
          "FuelType":"Diesel",
          "Name":"SAES - Aug 1, 2023 - Dec 31, 2023 - Diesel",
          "FuelConsumption":0,
          "EndDate":"2023-12-31",
          "StartDate":"2023-08-01"
        }
      }
    }
  ],
  "message":"The data gaps were identified."
}

```

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	Response code.	Small, 55.0	55.0
gaps	Sustainability Data Gap Record[]	List of data gap records. Each item in the list corresponds to the gap between the start and end date.	Small, 55.0	55.0
message	String	Response message indicating whether the API request is successful or not.	Small, 55.0	55.0

Sustainability Data Gap Record

Output representation of the sustainability data gap filler record.

Property Name	Type	Description	Filter Group and Version	Available Version
fillValues	String	Properties that are associated with each data gap record. Possible values are: • EndDate • FuelConsumption • FuelConsumptionUnit • FuelType • Name • StartDate	Small, 55.0	55.0

Sustainability Date Issue Output

Output representation for sustainability date issue request.

JSON example

```
{
  "code":0,
  "message":"The date issues for the energy use records were identified.",
  "missingDatesRecords":[
    "7LKRM000000RsGQ4A0",
    "7LKRM000000RsGV4A0"
  ],
  "outOfDateRangeRecords":[

  ],
  "overlappingDatesRecords":[

  ]
}
```

Property Name	Type	Description	Filter Group and Version	Available Version
code	Integer	Response code.	Small, 55.0	55.0
message	String	Response message indicating whether the API request is successful or not.	Small, 55.0	55.0
missingDatesRecords	String[]	List of record IDs for which either the start or the end date is missing.	Small, 55.0	55.0
outOfDateRangeRecords	String[]	List of record IDs for which either the start or the end date is outside the Carbon Footprint (CF) date range.	Small, 55.0	55.0
overlappingDatesRecords	String[]	List of record IDs that have a start date or end date that overlaps with the dates of other records associated with the same Carbon Footprint.	Small, 55.0	55.0

Validation Rule Error

Output representation of the validation rule.

Property Name	Type	Description	Filter Group and Version	Available Version
entityName	String	The name of the entity associated with the carbon credit project	Small, 57.0	57.0
errorMessage	String	The details of the error.	Small, 57.0	57.0

Property Name	Type	Description	Filter Group and Version	Available Version
externalIdentifier	String	The external identifier of the data that is imported for the carbon credit project.	Small, 57.0	57.0
fieldName	String	The name of the field associated with the carbon credit project.	Small, 57.0	57.0

CHAPTER 6 Net Zero Cloud Standard Invocable Actions

In this chapter ...

- [Distribute Energy Attribute Certificate Credits Action](#)

Track and manage environmental impact for precise calculation and analysis of carbon emissions using invocable actions.

SEE ALSO:

[REST API Developer Guide: Invocable Actions Standard](#)

[Actions Developer Guide: Introducing Actions](#)

Distribute Energy Attribute Certificate Credits Action

Claim renewable electricity usage in stationary asset energy use records. This action assists sustainability managers by allocating renewable energy certificates to these records, streamlining the process of claiming renewable electricity and reducing CO2 emissions.

This action is available in API version 60.0 and later.

Special Access Rules

To access the Distribute Energy Attribute Certificate Credits action, you must have NZCMngEnrgyAttrCertCr org permission enabled. Admin can control user access to this feature in an org using MngEnrgyAttrCertCredit user permission.

Supported REST HTTP Methods

URI
/services/data/v54.0/actions/standard/dstrEnergyAttrCertCredits

Formats
JSON, XML

HTTP Methods
GET, HEAD, POST

Authentication
Authorization: Bearer *token*

Inputs

Input	Details
allocationMethod	Type string Description Required. The method used to allocate the specified credits. Valid values are: • Default • Equally • HighestEmissionsFirst • HighestFactorFirst • StartDateAsc • StartDateDesc
city	Type string Description The city for which the stationary asset energy use records are filtered.

Input	Details
country	Type string Description The country for which the stationary asset energy use records are filtered.
endDate	Type date Description The end date to filter stationary asset energy use records. This is a required field when the Stationary Asset Energy Use IDs list is not specified. Valid date format is YYYY-MM-DD.
energyAttributeCertCreditIds	Type string Description A comma-separated list of energy attribute certificate credit record IDs to be distributed.
energyAttributeCertPurchaseId	Type string Description The ID of the energy attribute certificate purchase record to retrieve energy attribute certificate credit records.
parentCompanyId	Type string Description The account ID of the parent company to retrieve stationary asset energy use records.
startDate	Type date Description The start date to filter stationary asset energy use records. This is a required field when the Stationary Asset Energy Use IDs list is not specified. Valid date format is YYYY-MM-DD.
state	Type string Description The state for which the stationary asset energy use records are filtered.
stnryAssetCrbnFtprntId	Type string

Input	Details
	Description The ID of the stationary asset carbon footprint record to retrieve stationary asset energy use records.
stationaryAssetEnergyUseIds	Type string Description A comma-separated list of stationary asset energy user record IDs for credit assignment

Outputs

Output	Details
actionDetails	Type string Description Additional details about the action's execution.

Example

GET

This example shows how to get information about the Distribute Energy Attribute Certificate Credits action type.

```
curl --include --request GET \
--header "Authorization: Bearer 00DR...xyz" \
--header "Content-Type: application/json" \
"https://instance.salesforce.com/services/data/v51.0/actions/standard/dstrEnergyAttrCertCredits"
```

POST

Here's a request to retrieve records of Stationary Asset Energy Use by applying search filters based on credit IDs.

```
{
  "inputs": [
    {
      "allocationMethod": "equally",
      "startDate": "2015-01-01",
      "endDate": "2015-12-31",
      "state": "California",
      "city": "San Francisco",
      "energyAttributeCertCreditIds": [
        "16Uxx0000004MRkEAM",
        "16Uxx0000002MRTkEAN"
      ]
    }
  ]
}
```

```
]
}
```

Here's a response for this action.

```
[
  {
    "actionName": "dstrEnergyAttrCertCredits",
    "errors": null,
    "isSuccess": true,
    "outputValues": {
      "actionDetails": "The distribution process is in progress. Wait for the process
to complete"
    },
    "version": 1
  }
]
```

CHAPTER 7 Net Zero Cloud Metadata API Types

In this chapter ...

- [ClauseCatgConfiguration](#)
- [DisclosureDefinition](#)
- [DisclosureDefinitionVersion](#)
- [DisclosureType](#)
- [Flow for Net Zero Cloud](#)
- [FuelType](#)
- [FuelTypeSustnUom](#)
- [IndustriesSettings](#)
- [SustnUomConversion](#)
- [SustainabilityUom](#)

Metadata API enables you to access some types and feature settings that you can customize in the user interface. For more information about Metadata API and to find a complete reference of existing metadata types, see [Metadata API Developer Guide](#).

ClauseCatgConfiguration

Represents the configuration about the clause category that can be used to categorize your disclosure and compliance reports from standardized disclosure templates in a response document.

Parent Type

This type extends the [Metadata](#) metadata type and inherits its `fullName` field.

File Suffix and Directory Location

ClauseCatgConfiguration components have the suffix `.clauseCatgConfiguration` and are stored in the `clauseCatgConfigurations` folder.

Version

ClauseCatgConfiguration components are available in API version 57.0 and later.

Special Access Rules

The ClauseManagementAddOn license is required to access this object along with user access for the Clause Designer User permission set license.

Fields

Field Name	Description
<code>description</code>	Field Type string Description The description about the clause category configuration.
<code>isProtected</code>	Field Type boolean Description An auto-generated value that doesn't impact the behavior of the metadata type. The default is <code>false</code> .
<code>masterLabel</code>	Field Type string Description Required. A user-friendly name for ClauseCatgConfiguration, which is defined when the ClauseCatgConfiguration is created.

Field Name	Description
usageType	Field Type ClmCategoryUsageType Description Required. The usage type of the clause category configuration. Possible values are: • ContractClauseCategory • DisclosureCategory

Declarative Metadata Sample Definition

The following is an example of a ClauseCatgConfiguration component.

```
<?xml version="1.0" encoding="UTF-8"?>
<ClauseCatgConfiguration
  xmlns="http://soap.sforce.com/2006/04/metadata">
  <description>This is to add description for Contract Clause Category.</description>
  <usageType>ContractClauseCategory</usageType>
  <isProtected>>false</isProtected>
  <masterLabel>Contract Clause Cat</masterLabel>
</ClauseCatgConfiguration>
```

The following is an example package.xml that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package
  xmlns="http://soap.sforce.com/2006/04/metadata">
  <fullName>Pkg</fullName>
  <types>
    <name>ClauseCatgConfiguration</name>
  </types>
  <version>57.0</version>
</Package>
```

Wildcard Support in the Manifest File

This metadata type supports the wildcard character * (asterisk) in the package.xml manifest file. For information about using the manifest file, see [Deploying and Retrieving Metadata with the Zip File](#).

SEE ALSO:

[Set Up and Maintain Net Zero Cloud: Add a Disclosure Clause Category](#)

DisclosureDefinition

Represents information that defines a disclosure type, such as details of the publisher or vendor who created or implemented the report.

Parent Type

This type extends the [Metadata](#) metadata type and inherits its `fullName` field.

File Suffix and Directory Location

DisclosureDefinition components have the suffix `.disclosureDefinition` and are stored in the `disclosureDefinitions` folder.

Version

DisclosureDefinition components are available in API version 57.0 and later.

Special Access Rules

The DisclosureAndComplianceHubAddOn license is required to access this object along with user access for the Disclosure Compliance Hub permission set license.

Fields

Field Name	Description
<code>description</code>	Field Type string Description The description about the disclosure definition.
<code>disclosureType</code>	Field Type string Description Required. The API name of the disclosure type associated with this definition.
<code>isProtected</code>	Field Type boolean Description An auto-generated value that doesn't impact the behavior of the metadata type. The default is <code>false</code> .

Field Name	Description
masterLabel	Field Type string Description Required. A user-friendly name for DisclosureDefinition, which is defined when the DisclosureDefinition is created.

Declarative Metadata Sample Definition

The following is an example of a DisclosureDefinition component.

```
<?xml version="1.0" encoding="UTF-8"?>
<DisclosureDefinition
  xmlns="http://soap.sforce.com/2006/04/metadata">
  <description>This is GRI Disclosure Definition</description>
  <disclosureType>disclstype10</disclosureType>
  <isProtected>false</isProtected>
  <masterLabel>GRI</masterLabel>
</DisclosureDefinition>
```

The following is an example package.xml that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package
  xmlns="http://soap.sforce.com/2006/04/metadata">
  <fullName>Pkg</fullName>
  <types>
    <members>GRI</members>
    <name>DisclosureDefinition</name>
  </types>
  <types>
    <members>dt12</members>
    <name>DisclosureType</name>
  </types>
  <version>57.0</version>
</Package>
```

Wildcard Support in the Manifest File

This metadata type supports the wildcard character * (asterisk) in the package.xml manifest file. For information about using the manifest file, see [Deploying and Retrieving Metadata with the Zip File](#).

SEE ALSO:

[Set Up and Maintain Net Zero Cloud: Create a Disclosure Definition](#)

DisclosureDefinitionVersion

Represents the version information about the disclosure definition.

Parent Type

This type extends the [Metadata](#) metadata type and inherits its `fullName` field.

File Suffix and Directory Location

DisclosureDefinitionVersion components have the suffix `.disclosureDefinitionVersion` and are stored in the `disclosureDefinitionVersions` folder.

Version

DisclosureDefinitionVersion components are available in API version 57.0 and later.

Special Access Rules

The DisclosureAndComplianceHubAddOn and OmniStudioDesignerAddOn licenses are required to access this object along with user access for the Disclosure Compliance Hub and OmniStudio Admin permission set licenses.

Fields

Field Name	Description
authoringMode	Field Type AuthoringMode (enumeration of type string) Description Specifies the authoring mode used to launch the disclosure authoring experience. Possible values are: • Microsoft 365 Word • Omniscript and Microsoft 365 Word • Omniscript Form
description	Field Type string Description The description about the disclosure definition version.
disclosureDefCurrVer	Field Type string

Field Name	Description
	Description For internal use only.
disclosureDefinition	Field Type string Description Required. The API name of the disclosure definition associated with this version.
documentTemplateGlobalKey	Field Type string Description The document template global key associated with the DOCX template for the disclosure definition version.
isActive	Field Type boolean Description Indicates whether the disclosure definition version is an active version (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code> .
isCurrentVersion	Field Type boolean Description Indicates whether this is the current version of the disclosure definition specified in the <code>disclosureDefinition</code> field (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code> .
isProtected	Field Type boolean Description An auto-generated value that doesn't impact the behavior of the metadata type. The default is <code>false</code> .
masterLabel	Field Type string Description Required. A user-friendly name for <code>DisclosureDefinitionVersion</code> , which is defined when the <code>DisclosureDefinitionVersion</code> is created.

Field Name	Description
omniScriptCnfgApiName	Description The API name of the Omniscript configuration that's associated with the disclosure definition version. This field is required only when authoringMode isn't Microsoft 365 Word.
omniScriptConfiguration	Field Type string Description The ID of the Omniscript configuration record.  Note: The value of this field is automatically populated using the API name of the OmniScript configuration specified in the omniScriptCnfgApiName field.
versionNumber	Field Type string Description Required. The version of the disclosure definition published by the author.

Declarative Metadata Sample Definition

The following is an example of a DisclosureDefinitionVersion component.

```
<?xml version="1.0" encoding="UTF-8"?>
<DisclosureDefinitionVersion xmlns="http://soap.sforce.com/2006/04/metadata">
  <description>This is GRI Disclosure Definition Version</description>
  <versionNumber>disclosure definition version number</versionNumber>
  <isActive>false</isActive>
  <disclosureDefinition>df10</disclosureDefinition>
  <omniScriptConfiguration>omni script configuration</omniScriptConfiguration>
  <omniScriptCnfgApiName>omni script config api name</omniScriptCnfgApiName>
  <isCurrentVersion>true</isCurrentVersion>
  <disclosureDefCurrVer>df10.Id</disclosureDefCurrVer>
  <documentTemplateGlobalKey>document template global key</documentTemplateGlobalKey>
  <authoringMode>OmniScriptForm</authoringMode>
  <masterLabel>GRI</masterLabel>
  <isProtected>false</isProtected>
</DisclosureDefinitionVersion>
```

The following is an example package.xml that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package
  xmlns="http://soap.sforce.com/2006/04/metadata">
  <fullName>Pkg</fullName>
```

```
<types>
  <members>GRI</members>
  <name>DisclosureDefinitionVersion</name>
</types>
<types>
  <members>df10</members>
  <name>DisclosureDefinition</name>
</types>
<types>
  <members>dt10</members>
  <name>DisclosureType</name>
</types>
<version>60.0</version>
</Package>
```

Wildcard Support in the Manifest File

This metadata type supports the wildcard character * (asterisk) in the `package.xml` manifest file. For information about using the manifest file, see [Deploying and Retrieving Metadata with the Zip File](#).

SEE ALSO:

[Set Up and Maintain Net Zero Cloud: Add Disclosure Definition Version Information](#)

DisclosureType

Represents the types of disclosures that are done by an individual or an organization and the associated metadata.

Parent Type

This type extends the [Metadata](#) metadata type and inherits its `fullName` field.

File Suffix and Directory Location

`DisclosureType` components have the suffix `.disclosureType` and are stored in the `disclosureTypes` folder.

Version

`DisclosureType` components are available in API version 57.0 and later.

Special Access Rules

The `DisclosureAndComplianceHubAddOn` license is required to access this object along with user access for the Disclosure Compliance Hub permission set license.

Fields

Field Name	Description
description	Field Type string Description The description about the disclosure type.
disclosureBodyLogo	Field Type string Description The logo ID of the standard body to which an individual or a company is making a disclosure.
disclosureBodyUrl	Field Type string Description The URL of the disclosure standard body.
disclosureCategory	Field Type string Description Required. The name of the clause category that's used for disclosure.
isProtected	Field Type boolean Description An auto-generated value that doesn't impact the behavior of the metadata type. The default is <code>false</code> .
masterLabel	Field Type string Description Required. A user-friendly name for DisclosureType, which is defined when the DisclosureType is created.

Declarative Metadata Sample Definition

The following is an example of a DisclosureType component.

```
<?xml version="1.0" encoding="UTF-8"?>
<DisclosureType
  xmlns="http://soap.sforce.com/2006/04/metadata">
  <description>This is ESG Disclosure Type</description>
  <disclosureBodyLogo>asdf</disclosureBodyLogo>
  <disclosureCategory>EnvSocGvnc</disclosureCategory>
  <disclosureBodyUrl>disclosure body url</disclosureBodyUrl>
  <isProtected>>false</isProtected>
  <masterLabel>ESG</masterLabel>
</DisclosureType>
```

The following is an example package.xml that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package
  xmlns="http://soap.sforce.com/2006/04/metadata">
  <fullName>Pkg</fullName>
  <types>
    <members>ESG</members>
    <name>DisclosureType</name>
  </types>
  <types>
    <name>StaticResource</name>
    <members>asdf</members>
  </types>
  <version>57.0</version>
</Package>
```

Wildcard Support in the Manifest File

This metadata type supports the wildcard character * (asterisk) in the package.xml manifest file. For information about using the manifest file, see [Deploying and Retrieving Metadata with the Zip File](#).

SEE ALSO:

[Set Up and Maintain Net Zero Cloud: Create a Disclosure Type](#)

Flow for Net Zero Cloud

Represents the metadata associated with a flow. With Flow, you can create an application that navigates users through a series of screens to query and update records in the database. You can also execute logic and provide branching capability based on user input to build dynamic applications.

FlowActionCall

Net Zero Cloud exposes additional actionType values for the FlowActionCall Metadata type.

Field Name	Field Type	Description
<code>actionType</code>	InvokableActionType (enumeration of type string)	Required. The action type. Additional valid value only for Net Zero Cloud include: <code>dstrEnergyAttrCertCredits</code>—Distribute energy attribute certificate credits to claim the renewable electricity usage in stationary asset energy use records.

SEE ALSO:

[Metadata API Developer Guide: Flow](#)

FuelType

Represents a custom fuel type in an org.

Parent Type

This type extends the Metadata metadata type and inherits its `fullName` field.

File Suffix and Directory Location

FuelType components have the suffix `.fuelType` and are stored in the `fuelTypes` folder.

Version

FuelType components are available in API version 57.0 and later.

Special Access Rules

The Net Zero Cloud permission set license is required to access this object along with the user access for carbon accounting and org access for custom fuels and unit of measures (UOMs).

Fields

Field Name	Description
<code>description</code>	Field Type string Description Description about the fuel type.
<code>isActive</code>	Field Type boolean

Field Name	Description
	Description Indicates whether the fuel type is active (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code> .
<code>isProtected</code>	Field Type boolean Description An auto-generated value that doesn't impact the behavior of the metadata type. The default value is <code>false</code> .
<code>isStationaryAssetFuel</code>	Field Type boolean Description Indicates whether the fuel type is used in stationary assets (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code> .
<code>isVehicleAssetFuel</code>	Field Type boolean Description Indicates whether the fuel type is used in a vehicle asset (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code> .
<code>masterLabel</code>	Field Type string Description Required. A user-friendly name for FuelType, which is defined when the FuelType is created.

Declarative Metadata Sample Definition

The following is an example of a FuelType component.

```
<?xml version="1.0" encoding="UTF-8"?>
<FuelType xmlns="http://soap.sforce.com/2006/04/metadata">
  <description>This is Petrol Fuel Type</description>
  <isProtected>true</isProtected>
  <isActive>true</isActive>
  <isStationaryAssetFuel>true</isStationaryAssetFuel>
  <isVehicleAssetFuel>true</isVehicleAssetFuel>
  <masterLabel>Petrol</masterLabel>
</FuelType>
```

The following is an example `package.xml` that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package xmlns="http://soap.sforce.com/2006/04/metadata">
  <types>
    <members>Petrol</members>
    <members>Diesel</members>
    <members>Kerosine</members>
    <name>FuelType</name>
  </types>
  <version>57.0</version>
</Package>
```

Wildcard Support in the Manifest File

This metadata type supports the wildcard character `*` (asterisk) in the `package.xml` manifest file. For information about using the manifest file, see [Deploying and Retrieving Metadata with the Zip File](#).

FuelTypeSustnUom

Represents a mapping between the custom fuel types and their corresponding unit of measure (UOM) values defined by a customer in an org.

Parent Type

This type extends the Metadata metadata type and inherits its `fullName` field.

File Suffix and Directory Location

FuelTypeSustnUom components have the suffix `.fuelTypeSustnUom` and are stored in the `fuelTypeSustnUoms` folder.

Version

FuelTypeSustnUom components are available in API version 57.0 and later.

Special Access Rules

The Net Zero Cloud permission set license is required to access this object along with the user access for carbon accounting and org access for custom fuels and UOMs.

Fields

Field Name	Description
<code>fuelType</code>	Field Type string

Field Name	Description
	Description Required. The name of the fuel type that's mapped to the unit of measure. Possible values are: • AutogasLPG • Biodiesel • Biomass • CityGas • CompressedNaturalGasCNG • Cooling • Diesel • Electricity • Ethanol • FuelOil • Gasoline • Heat • HeavyOil • ITElectricity • JetFuel • Kerosene • LightOil • LiquidNaturalGasLNG • MobileDiesel • NaturalGas • Propane • Refrigerant • Steam
isProtected	Field Type boolean Description An auto-generated value that doesn't impact the behavior of the metadata type. The default value is <code>false</code>.
masterLabel	Field Type string Description A user-friendly name for FuelTypeSustnUom, which is defined when the FuelTypeSustnUom is created.

Field Name	Description
unitOfMeasure	Field Type string Description Required. The unit of measure that's mapped to the fuel type. Possible values are: • 1000m3 • GJ • GWh • Kiloliters • Liters • MJ • MMBtu • MWh • Therms • Tonnes • UkGallons • UsGallons • ccf • kG • kWh • kcal • lbs • longTons • m3 • shortTons

Declarative Metadata Sample Definition

The following is an example of a FuelTypeSustnUom component.

```
<?xml version="1.0" encoding="UTF-8"?>
<FuelTypeSustnUom xmlns="http://soap.sforce.com/2006/04/metadata">
  <fuelType>FuelOil</fuelType>
  <isProtected>>false</isProtected>
  <masterLabel>FuelOil_Liters</masterLabel>
  <unitOfMeasure>Liters</unitOfMeasure>
</FuelTypeSustnUom>
```

The following is an example `package.xml` that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package xmlns="http://soap.sforce.com/2006/04/metadata">
  <fullName>Pkg</fullName>
  <types>
    <members>FuelOil_Liters</members>
    <members>Gas_1000m3</members>
    <members>Heat_kWh</members>
    <name>FuelTypeSustnUom</name>
  </types>
  <version>57.0</version>
</Package>
```

Wildcard Support in the Manifest File

This metadata type supports the wildcard character `*` (asterisk) in the `package.xml` manifest file. For information about using the manifest file, see [Deploying and Retrieving Metadata with the Zip File](#).

IndustriesSettings

Represents settings for Net Zero Cloud.

This type extends the Metadata metadata type and inherits its `fullName` field.

In the package manifest, all organization settings metadata types are accessed using the Settings name. See Settings for more details.

File Suffix and Directory Location

IndustriesSettings are stored in a single file named `Industries.settings` in the `settings` directory.

Version

Industries settings for Net Zero Cloud are available in API version 54.0 and later.

Special Access Rules

Users need Net Zero Cloud permissions to access the settings available in editions with the Net Zero Cloud Starter and Net Zero Cloud Growth licenses.

Fields for Net Zero Cloud

Field Name	Description
enableGnrcDisclsFrmwrk	Field Type boolean

Field Name	Description
	Description Indicates whether the Industries Disclosure and Compliance Hub feature is enabled (<code>true</code>) or not (<code>false</code>) for your org. The default is <code>false</code> . Available in API version 57.0 and later in editions where Disclosure and Compliance Hub is enabled.
<code>enableInformationLibrary</code>	Field Type boolean Description Indicates whether the Information Library feature is enabled for your org. The default is <code>false</code> . Available in API version 59.0 and later in editions where Disclosure and Compliance Hub is enabled.
<code>enableMaterialityAssessment</code>	Field Type boolean Description Indicates whether the Manage Materiality Assessments feature is enabled for your org. The default is <code>false</code> . Available in API version 59.0 and later in editions where Net Zero Cloud is enabled.
<code>enableNZCMngEsgPgm</code>	Field Type boolean Description Indicates whether the Manage Environmental, Social, and Governance Programs feature is enabled for your org. The default is <code>false</code> . Available in API version 59.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCAssignFootprint</code>	Field Type boolean Description Indicates whether the Assign Carbon Footprint to Energy Use Records feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCBEIEnabled</code>	Field Type boolean Description Indicates whether the Manage Building Energy Intensity feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCCarbonAccounting</code>	Field Type boolean

Field Name	Description
	Description Indicates whether the Manage Carbon Accounting feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCCarbonCreditAlloc</code>	Field Type boolean Description Indicates whether the Allocate Carbon Credits to offset the unavoidable emissions feature is enabled for your org. The default is <code>false</code> . Available in API version 56.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCCreateFootprint</code>	Field Type boolean Description Indicates whether the Auto-Create Carbon Footprints feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCDGF</code>	Field Type boolean Description Indicates whether the Manage Data Gaps feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCExpansionUseCase</code>	Field Type boolean Description Indicates whether the Manage Carbon Accounting for Extended Organizational Boundaries feature is enabled for your org. The default is <code>false</code> . Available in API version 57.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCEExternalEngMgmt</code>	Field Type boolean Description Indicates whether the Manage Supplier Sustainability Data feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCEmssnsForecasting</code>	Field Type boolean

Field Name	Description
	Description Indicates whether the Manage Carbon Emissions Forecast feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCSNGManagement</code>	Field Type boolean Description Indicates whether the Manage Social and Governance feature is enabled for your org. The default is <code>false</code> . Available in API version 57.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCScope3HubEnabled</code>	Field Type boolean Description Indicates whether the Manage Scope 3 Procurement Hub feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCTargetSetting</code>	Field Type boolean Description Indicates whether the Manage Emissions Target feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCWasteManagement</code>	Field Type boolean Description Indicates whether the Manage Waste-Related Data feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSCWaterManagement</code>	Field Type boolean Description Indicates whether the Manage Water-Related Data feature is enabled for your org. For example, water consumption, withdrawal, and discharge. The default is <code>false</code> . Available in API version 56.0 and later in editions where Net Zero Cloud is enabled.
<code>enableSustainabilityCloud</code>	Field Type boolean

Field Name	Description
	Description Indicates whether the Net Zero Cloud feature is enabled for your org. The default is <code>false</code> . Available in API version 54.0 and later in editions where Net Zero Cloud is enabled.

Declarative Metadata Sample Definition

The following is an example of a `Industries.Settings` metadata file.

```
<?xml version="1.0" encoding="UTF-8"?>
<IndustriesSettings xmlns="http://soap.sforce.com/2006/04/metadata">
  <enableGnrcDisclsFrwrk>false</enableGnrcDisclsFrwrk>
  <enableMaterialityAssessment>false</enableMaterialityAssessment>
  <enableNZCMngEsgPgm>false</enableNZCMngEsgPgm>
  <enableSCAssignFootprint>true</enableSCAssignFootprint>
  <enableSCBEIEnabled>true</enableSCBEIEnabled>
  <enableSCDGF>true</enableSCDGF>
  <enableSCCarbonAccounting>true</enableSCCarbonAccounting>
  <enableSCCarbonCreditAlloc>true</enableSCCarbonCreditAlloc>
  <enableSCCreateFootprint>true</enableSCCreateFootprint>
  <enableSCScope3HubEnabled>true</enableSCScope3HubEnabled>
  <enableSCEmsnsForecasting>true</enableSCEmsnsForecasting>
  <enableSCTargetSetting>true</enableSCTargetSetting>
  <enableSCEExternalEngMgmt>true</enableSCEExternalEngMgmt>
  <enableSCWasteManagement>true</enableSCWasteManagement>
  <enableSCWaterManagement>true</enableSCWaterManagement>
  <enableSustainabilityCloud>true</enableSustainabilityCloud>
</IndustriesSettings>
```

The following is an example `package.xml` that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package xmlns="http://soap.sforce.com/2006/04/metadata">
  <types>
    <members>Industries</members>
    <name>Settings</name>
  </types>
  <version>54.0</version>
</Package>
```

SEE ALSO:

[Set Up and Maintain Net Zero Cloud: Enable Net Zero Cloud Settings](#)

[Set Up and Maintain Net Zero Cloud: Enable the Disclosure and Compliance Hub](#)

SustnUomConversion

Represents information about the unit of measure (UOM) conversion for the custom fuel types defined by a customer in an org.

Parent Type

This type extends the Metadata metadata type and inherits its `fullName` field.

File Suffix and Directory Location

SustnUomConversion components have the suffix `sustnUomConversion` and are stored in the `sustnUomConversions` folder.

Version

SustnUomConversion components are available in API version 57.0 and later.

Special Access Rules

The Net Zero Cloud permission set license is required to access this object along with the user access for carbon accounting and org access for custom fuels and UOMs.

Fields

Field Name	Description
<code>conversionFactor</code>	Field Type double Description Required. The conversion factor that's used to convert values from one unit of measure to another for the fuel type.
<code>fuelType</code>	Field Type string Description The name of the fuel type. Possible values are: • AutogasLPG • Biodiesel • Biomass • CityGas • CompressedNaturalGasCNG • Cooling • Diesel • Electricity • Ethanol

Field Name	Description
	- FuelOil - Gasoline - Heat - HeavyOil - ITElectricity - JetFuel - Kerosene - LightOil - LiquidNaturalGasLNG - MobileDiesel - NaturalGas - Propane - Refrigerant - Steam
isProtected	Field Type boolean Description An auto-generated value that doesn't impact the behavior of the metadata type. The default value is <code>false</code>.
masterLabel	Field Type string Description A user-friendly name for SustnUomConversion, which is defined when the SustnUomConversion is created.
sourceUom	Field Type string Description Required. The source unit of measure for the fuel type. Possible values are: 1000m3 - GJ - GWh - Kiloliters - Liters - MJ

Field Name	Description
	• MMBtu • MWh • Therms • Tonnes • UkGallons • UsGallons • ccf • kG • kWh • kcal • lbs • longTons • m3 • shortTons
targetUom	Field Type string Description Required. The target unit of measure for the fuel type.
uomsKey	Field Type string Description The key associated with a unit of measure for the fuel type.

Declarative Metadata Sample Definition

The following is an example of a SustnUomConversion component.

```
<?xml version="1.0" encoding="UTF-8"?>
<SustnUomConversion xmlns="http://soap.sforce.com/2006/04/metadata">
  <conversionFactor>0.9</conversionFactor>
  <fuelType>Diesel</fuelType>
  <isProtected>false</isProtected>
  <masterLabel>KG_Liters</masterLabel>
  <sourceUom>KG</sourceUom>
  <targetUom>Liters</targetUom>
  <uomsKey>uomsKey</uomsKey>
</SustnUomConversion>
```

The following is an example `package.xml` that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package xmlns="http://soap.sforce.com/2006/04/metadata">
  <fullName>Pkg</fullName>
  <types>
    <members>US_UK_Gallons</members>
    <members>Therms_kWh</members>
    <members>KG_Liters</members>
    <name>SustnUomConversion</name>
  </types>
  <version>57.0</version>
</Package>
```

Wildcard Support in the Manifest File

This metadata type supports the wildcard character `*` (asterisk) in the `package.xml` manifest file. For information about using the manifest file, see [Deploying and Retrieving Metadata with the Zip File](#).

SustainabilityUom

Represents the unit of measure (UOM) values for custom fuel types in an org. Track fuel consumption and emission results with the flexibility to add custom fuel types and UOM values.

Parent Type

This type extends the Metadata metadata type and inherits its `fullName` field.

File Suffix and Directory Location

SustainabilityUom components have the suffix `.sustainabilityUom` and are stored in the `sustainabilityUoms` folder.

Version

SustainabilityUom components are available in API version 56.0 and later.

Special Access Rules

The Net Zero Cloud permission set license is required to access this object along with the user access for carbon accounting and org access for custom fuels and UOMs.

Fields

Field Name	Description
description	Field Type string

Field Name	Description
	Description The description of the unit of measure.
isProductUom	Field Type boolean Description Indicates whether the unit of measure is for a product that the company has procured in its supply chain operations (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code> .
isProtected	Field Type boolean Description An auto-generated value that doesn't impact the behavior of the metadata type. The default value is <code>false</code> .
isStationaryAssetUom	Field Type boolean Description Indicates whether the unit of measure is used in the stationary asset calculations (<code>true</code>) or (<code>false</code>). The default value is <code>false</code> .
isVehicleAssetUom	Field Type boolean Description Indicates whether the unit of measure is used in the vehicle asset calculations (<code>true</code>) or (<code>false</code>). The default value is <code>false</code> .
masterLabel	Field Type string Description Required. The label assigned to this object.
unitType	Field Type UnitType (enumeration of type string) Description Required.

Field Name	Description
	The type of unit used for conversions or calculations. Values are: • Energy • Other • Volume • Weight

Declarative Metadata Sample Definition

The following is an example of a SustainabilityUom component.

```
<?xml version="1.0" encoding="UTF-8"?>
<SustainabilityUom xmlns="http://soap.sforce.com/2006/04/metadata">
  <description>Weight in Grams</description>
  <isProductUom>true</isProductUom>
  <isProtected>false</isProtected>
  <isStationaryAssetUom>false</isStationaryAssetUom>
  <isVehicleAssetUom>false</isVehicleAssetUom>
  <masterLabel>Grams</masterLabel>
  <unitType>Weight</unitType>
</SustainabilityUom>
```

The following is an example package.xml that references the previous definition.

```
<?xml version="1.0" encoding="UTF-8"?>
<Package xmlns="http://soap.sforce.com/2006/04/metadata">
  <fullName>Pkg</fullName>
  <types>
    <members>Grams</members>
    <name>SustainabilityUom</name>
  </types>
  <version>64.0</version>
</Package>
```

Wildcard Support in the Manifest File

This metadata type supports the wildcard character * (asterisk) in the package.xml manifest file. For information about using the manifest file, see [Deploying and Retrieving Metadata with the Zip File](#).

CHAPTER 8 Net Zero Cloud Tooling API Objects

In this chapter ...

- [BldgEnrgyIntensityCnfg](#)
- [ClauseCatgConfiguration](#)
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- [FuelTypeSustnUom](#)
- [FuelType](#)
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Tooling API exposes metadata used in developer tooling that you can access through REST or SOAP.

Tooling API's SOQL capabilities for many metadata types allow you to retrieve smaller pieces of metadata.

For more information about Tooling API objects and to find complete reference of all the supported objects, see [Introducing Tooling API](#).

BldgEnrgyIntensityCnfg

Represents the setup object that contains the mapping between the Building Energy Intensity Record record type and internal enums. You can primarily use this object for calculations across different record types. This object is available in API version 54.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

`DELETE`, `GET`, `HEAD`, `PATCH`, `POST`, `Query`

Fields

Field	Details
BuildingEnergyIntensityType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of the Building Energy Intensity Record record. Possible values are: • <code>BuildingEnergyIntensity</code>—Building Energy Intensity • <code>RegionalBuildingEnergyIntensity</code>—Regional Building Energy Intensity
DeveloperName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. This field is automatically generated, but you can supply your own value if you create the record using the API.  Note: When creating large sets of data, always specify a unique <code>DeveloperName</code> for each record. If no <code>DeveloperName</code> is specified, performance may slow while Salesforce generates one for each record.

Field	Details
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language of building energy intensity record type. Possible values are: • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French • it—Italian • ja—Japanese • ko—Korean • nl_NL—Dutch • no—Norwegian • pt_BR—Portuguese (Brazil) • ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
ManageableState	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package. Possible values are: • beta—Managed-Beta • deleted—Managed-Proposed-Deleted • deprecated—Managed-Proposed-Deprecated • deprecatedEditable—SecondGen-Installed-Deprecated • installed—Managed-Installed

Field	Details
	• <code>installedEditable</code>—SecondGen-Installed-Editable • <code>released</code>—Managed-Released • <code>unmanaged</code>—Unmanaged
MasterLabel	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The UI label of building energy intensity configuration.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation.
RecordTypeId	Type reference Properties Create, Filter, Group, Sort, Update Description The unique identifier of the Building Energy Intensity Record record type. This is a relationship field. Relationship Name RecordType Relationship Type Lookup Refers To RecordType

ClauseCatgConfiguration

Represents the configuration about the clause category that can be used in a response document by the user. This object is available in API version 57.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

`DELETE`, `GET`, `HEAD`, `PATCH`, `POST`, `Query`

Fields

Field	Details
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description about the clause category configuration.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The unique name for the ClauseCatgConfiguration object. The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is Record Type Name. This field is automatically generated, but you can supply your own value if you create the record using the API.
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language of the ClauseCatgConfiguration. Possible values are: • da—Danish • de—German • en_US—English

Field	Details
	• <code>es</code>—Spanish • <code>es_MX</code>—Spanish (Mexico) • <code>fi</code>—Finnish • <code>fr</code>—French • <code>it</code>—Italian • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pt_BR</code>—Portuguese (Brazil) • <code>ru</code>—Russian • <code>sv</code>—Swedish • <code>th</code>—Thai • <code>zh_CN</code>—Chinese (Simplified) • <code>zh_TW</code>—Chinese (Traditional)
<code>ManageableState</code>	Type ManageableState enumerated list Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package: • <code>beta</code> • <code>deleted</code> • <code>deprecated</code> • <code>deprecatedEditable</code> • <code>installed</code> • <code>installedEditable</code> • <code>released</code> • <code>unmanaged</code>
<code>MasterLabel</code>	Type string Properties Create, Filter, Group, Sort, Update Description Label for the ClauseCatgConfiguration.
<code>NamespacePrefix</code>	Type string

Field	Details
	Properties Filter, Group, Nillable, Sort Description The namespace prefix associated with this object. Each Developer Edition organization that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation. The namespace prefix can have one of the following values: - In Developer Edition organizations, the namespace prefix is set to the namespace prefix of the organization for all objects that support it. There is an exception if an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition organization of the package developer. - In organizations that are not Developer Edition organizations, <code>NamespacePrefix</code> is only set for objects that are part of an installed managed package. There is no namespace prefix for all other objects.
UsageType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The usage type of the clause category. Possible values are: <code>ContractClauseCategory</code>—Contract Clause Category <code>DisclosureCategory</code>—Disclosure Category

DisclosureDefinition

Represents information that defines a disclosure type, such as details of the publisher or vendor who created or implemented the report. This object is available in API version 57.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

`DELETE`, `GET`, `HEAD`, `PATCH`, `POST`, `Query`

Fields

Field	Details
Description	Type textarea Properties Create, Nillable, Update Description The description about the disclosure definition.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The developer name of the record.
DisclosureType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of disclosure that's used in the definition. Possible values are: • 1awRN000000000G—Company Disclosure • 1awRN000000000L—Demo Type
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this record. Possible values are: • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French

Field	Details
	• <code>it</code>—Italian • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pt_BR</code>—Portuguese (Brazil) • <code>ru</code>—Russian • <code>sv</code>—Swedish • <code>th</code>—Thai • <code>zh_CN</code>—Chinese (Simplified) • <code>zh_TW</code>—Chinese (Traditional)
<code>ManageableState</code>	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package. Possible values are: • <code>beta</code>—Managed-Beta • <code>deleted</code>—Managed-Proposed-Deleted • <code>deprecated</code>—Managed-Proposed-Deprecated • <code>deprecatedEditable</code>—SecondGen-Installed-Deprecated • <code>installed</code>—Managed-Installed • <code>installedEditable</code>—SecondGen-Installed-Editable • <code>released</code>—Managed-Released • <code>unmanaged</code>—Unmanaged
<code>MasterLabel</code>	Type string Properties Create, Filter, Group, Sort, Update Description The label assigned to this object.
<code>NamespacePrefix</code>	Type string Properties Filter, Group, Nillable, Sort

Field	Details
	Description The namespace prefix that is associated with this object. Limit: 15 characters.

DisclosureDefinitionVersion

Represents the version information about the disclosure definition. This object is available in API version 57.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

DELETE, GET, HEAD, PATCH, POST, Query

Fields

Field	Details
AuthoringMode	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Specifies the authoring mode used to launch the disclosure authoring experience. Possible values are: • Microsoft365Word—Microsoft 365 Word • OmniScriptAndMcrsft365Wrd—OmniScript and Microsoft 365 Word • OmniScriptForm—OmniScript Form
Description	Type textarea Properties Create, Nillable, Update Description The description of the disclosure definition version.
DeveloperName	Type string

Field	Details
	Properties Create, Filter, Group, Sort, Update Description The unique name for the DisclosureDefinitionVersion object. The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is Record Type Name. This field is automatically generated, but you can supply your own value if you create the record using the API.
DisclosureDefinition	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The name of the disclosure definition associated with the version. This field is a relationship field. Possible values are: • <code>SFTemplateForCsrd</code>—Salesforce Template for CSRD
DocumentTemplateGlobalKey	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The document template global key associated with the DOCX template for the disclosure definition version.
IsActive	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the disclosure definition version is an active version (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
IsCurrentVersion	Type boolean

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether this is the current version of the disclosure definition (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language of the DisclosureDefinitionVersion. Possible values are: • <code>da</code>—Danish • <code>de</code>—German • <code>en_US</code>—English • <code>es</code>—Spanish • <code>es_MX</code>—Spanish (Mexico) • <code>fi</code>—Finnish • <code>fr</code>—French • <code>it</code>—Italian • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pt_BR</code>—Portuguese (Brazil) • <code>ru</code>—Russian • <code>sv</code>—Swedish • <code>th</code>—Thai • <code>zh_CN</code>—Chinese (Simplified) • <code>zh_TW</code>—Chinese (Traditional)
ManageableState	Type ManageableState enumerated list Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package:

Field	Details
	• beta • deleted • deprecated • deprecatedEditable • installed • installedEditable • released • unmanaged
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description Label for the DisclosureDefinitionVersion.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix associated with this object. Each Developer Edition organization that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <i>namespacePrefix__componentName</i> notation. The namespace prefix can have one of the following values: • In Developer Edition organizations, the namespace prefix is set to the namespace prefix of the organization for all objects that support it. There is an exception if an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition organization of the package developer. • In organizations that are not Developer Edition organizations, NamespacePrefix is only set for objects that are part of an installed managed package. There is no namespace prefix for all other objects.
OmniScriptCnfgApiName	Type string Properties Create, Filter, Group, Sort, Update Description The API name of the OmniScript configuration that's associated with the disclosure definition version.

Field	Details
OmniScriptConfiguration	Type string Properties Filter, Group, Nillable, Sort Description The OmniScript configuration that's associated with the disclosure definition version.
VersionNumber	Type string Properties Create, Filter, Group, Sort, Update Description The version of the disclosure definition published by the author.

DisclosureType

Represents the types of disclosures that are done by an individual or an organization and the associated metadata. This object is available in API version 57.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

DELETE, GET, HEAD, PATCH, POST, Query

Fields

Field	Details
Description	Type textarea Properties Create, Nillable, Update Description The description about the disclosure type.
DeveloperName	Type string

Field	Details
	Properties Create, Filter, Group, Sort, Update Description The unique name for the DisclosureType object. The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is Record Type Name. This field is automatically generated, but you can supply your own value if you create the record using the API.
DisclosureBodyLogoId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The logo of the standard body to which an individual or a company is making a disclosure. This field is a relationship field. Relationship Name DisclosureBodyLogo Relationship Type Lookup Refers To StaticResource
DisclosureBodyUrl	Type url Properties Create, Filter, Group, Nillable, Sort, Update Description The URL of the disclosure standard body.
DisclosureCategory	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The name of the clause library category that's used for disclosure. Possible values are:

Field	Details
	0zMRN0000000001—ESG - EnvSocGvnc—Environment, Social, and Governance
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language of the DisclosureType. Possible values are: - da—Danish - de—German - en_US—English - es—Spanish - es_MX—Spanish (Mexico) - fi—Finnish - fr—French - it—Italian - ja—Japanese - ko—Korean - nl_NL—Dutch - no—Norwegian - pt_BR—Portuguese (Brazil) - ru—Russian - sv—Swedish - th—Thai - zh_CN—Chinese (Simplified) - zh_TW—Chinese (Traditional)
ManageableState	Type ManageableState enumerated list Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package: - beta - deleted - deprecated - deprecatedEditable

Field	Details
	• installed • installedEditable • released • unmanaged
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description Label for the DisclosureType.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix associated with this object. Each Developer Edition organization that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <i>namespacePrefix__componentName</i> notation. The namespace prefix can have one of the following values: • In Developer Edition organizations, the namespace prefix is set to the namespace prefix of the organization for all objects that support it. There is an exception if an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition organization of the package developer. • In organizations that are not Developer Edition organizations, NamespacePrefix is only set for objects that are part of an installed managed package. There is no namespace prefix for all other objects.

FuelTypeSustnUom

Represents a mapping between the additional fuel types and their corresponding unit of measure values defined by a customer. This object is available in API version 57.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

DELETE, GET, HEAD, PATCH, POST, Query

Fields

Field	Details
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The unique name for the FuelTypeSustnUom object. The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is Record Type Name. This field is automatically generated, but you can supply your own value if you create the record using the API.
FuelType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The name of the fuel type that's mapped to the unit of measure. For custom fuels, if the NamespacePrefix exists then this value is <i>{NamespacePrefix}_custom_{DeveloperName of the FuelType object}</i>; for example, ftPackage_custom_wood, else this value is <i>custom_{DeveloperName of the FuelType object}</i>; for example, custom_wood. Possible values are: • AutogasLPG—Autogas/LPG • Biodiesel • Biomass • CityGas—City Gas • CompressedNaturalGasCNG—Compressed Natural Gas (CNG) • Cooling • Diesel • Electricity • Ethanol

Field	Details
	- FuelOil—Fuel Oil - Gasoline - Heat - HeavyOil—Heavy Oil - ITElectricity—IT Electricity - JetFuel—Jet Fuel - Kerosene - LightOil—Light Oil - LiquidNaturalGasLNG—Liquefied Natural Gas (LNG) - MobileDiesel—Mobile Diesel - NaturalGas—Natural Gas - Propane - Refrigerant - Steam
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language of the FuelTypeSustnUom. Possible values are: - da—Danish - de—German - en_US—English - es—Spanish - es_MX—Spanish (Mexico) - fi—Finnish - fr—French - it—Italian - ja—Japanese - ko—Korean - nl_NL—Dutch - no—Norwegian - pt_BR—Portuguese (Brazil) - ru—Russian - sv—Swedish - th—Thai

Field	Details
	- zh_CN—Chinese (Simplified) - zh_TW—Chinese (Traditional)
ManageableState	Type ManageableState enumerated list Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package: - beta - deleted - deprecated - deprecatedEditable - installed - installedEditable - released - unmanaged
MasterLabel	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Label for the FuelTypeSustnUom.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix associated with this object. Each Developer Edition organization that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <i>namespacePrefix__componentName</i> notation. The namespace prefix can have one of the following values: In Developer Edition organizations, the namespace prefix is set to the namespace prefix of the organization for all objects that support it. There is an exception if an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition organization of the package developer.

Field	Details
	In organizations that are not Developer Edition organizations, <code>NamespacePrefix</code> is only set for objects that are part of an installed managed package. There is no namespace prefix for all other objects.
UnitOfMeasure	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The name for the unit of measure that's mapped to the fuel type. For custom fuel unit of measure, if the <code>NamespacePrefix</code> exists then this value is <code>{NamespacePrefix}_custom_{DeveloperName of the SustainabilityUom object}</code>; for example, <code>ftPackage_custom_bundle</code>, else this value is <code>custom_{DeveloperName of the SustainabilityUom object}</code>; for example, <code>custom_bundle</code>. Possible values are: 1000m3—1000 m3 - GJ - GWh - Kiloliters - Liters - MJ - MMBtu - MWh - Therms - Tonnes - UkGallons—UK Gallons - UsGallons—US Gallons - ccf - kG—kg - kWh - kcal - lbs - longTons—long tons - m3 - shortTons—short tons

FuelType

Represents information about the additional fuel types defined by a customer. This object is available in API version 57.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

DELETE, GET, HEAD, PATCH, POST, Query

Fields

Field	Details
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the fuel type.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The unique name for the FuelType object. The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is Record Type Name. This field is automatically generated, but you can supply your own value if you create the record using the API.
IsActive	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the fuel type is active and can be used (<code>true</code>) or not (<code>false</code>).

Field	Details
	The default value is <code>false</code> .
<code>IsStationaryAssetFuel</code>	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the fuel is used in stationary assets (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
<code>IsVehicleAssetFuel</code>	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the fuel is used in a vehicle asset (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.
<code>Language</code>	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language of the FuelType. Possible values are: • <code>da</code>—Danish • <code>de</code>—German • <code>en_US</code>—English • <code>es</code>—Spanish • <code>es_MX</code>—Spanish (Mexico) • <code>fi</code>—Finnish • <code>fr</code>—French • <code>it</code>—Italian • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pt_BR</code>—Portuguese (Brazil) • <code>ru</code>—Russian

Field	Details
	• <code>sv</code>—Swedish • <code>th</code>—Thai • <code>zh_CN</code>—Chinese (Simplified) • <code>zh_TW</code>—Chinese (Traditional)
ManageableState	Type ManageableState enumerated list Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package: • <code>beta</code> • <code>deleted</code> • <code>deprecated</code> • <code>deprecatedEditable</code> • <code>installed</code> • <code>installedEditable</code> • <code>released</code> • <code>unmanaged</code>
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description Label for the FuelType.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix associated with this object. Each Developer Edition organization that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation. The namespace prefix can have one of the following values: • In Developer Edition organizations, the namespace prefix is set to the namespace prefix of the organization for all objects that support it. There is an exception if an object is in an installed managed package. In that case, the object has the namespace prefix of the

Field	Details
	installed managed package. This field's value is the namespace prefix of the Developer Edition organization of the package developer. In organizations that are not Developer Edition organizations, <code>NamespacePrefix</code> is only set for objects that are part of an installed managed package. There is no namespace prefix for all other objects.

StnryAssetEnvSrcCnfg

Represents the setup object that contains the mapping between the Stationary Asset Environmental Source record type and internal enums. You can primarily use this object for calculations across different record types. This object is available in API version 54.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

`DELETE`, `GET`, `HEAD`, `PATCH`, `POST`, `Query`

Special Access Rules

Fields

Field	Details
<code>DeveloperName</code>	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. This field is automatically generated, but you can supply your own value if you create the record using the API.  Note: When creating large sets of data, always specify a unique <code>DeveloperName</code> for each record. If no <code>DeveloperName</code> is specified, performance may be slow while Salesforce generates one for each record.

Field	Details
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this object. Possible values are: • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French • it—Italian • ja—Japanese • ko—Korean • nl_NL—Dutch • no—Norwegian • pt_BR—Portuguese (Brazil) • ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
ManageableState	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the flow that is contained in a package. Possible values are: • beta—Managed-Beta • deleted—Managed-Proposed-Deleted • deprecated—Managed-Proposed-Deprecated • deprecatedEditable—SecondGen-Installed-Deprecated • installed—Managed-Installed

Field	Details
	• <code>installedEditable</code>—SecondGen-Installed-Editable • <code>released</code>—Managed-Released • <code>unmanaged</code>—Unmanaged
MasterLabel	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The label assigned to this object.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.
RecordTypeId	Type reference Properties Create, Filter, Group, Sort, Update Description The ID of the record type entity. This is a relationship field. Relationship Name RecordType Relationship Type Lookup Refers To RecordType
StationaryAssetType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of stationary asset. Possible values are: • <code>CommercialBuilding</code>—Commercial Building • <code>DataCenter</code>—Data Center

SustainabilityUom

Represents information about the additional unit of measure values defined by a customer. This object is available in API version 56.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

`DELETE`, `GET`, `HEAD`, `PATCH`, `POST`, `Query`

Special Access Rules

Fields

Field	Details
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The description of the unit of measure.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The developer name of the record.
IsProductUom	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the unit of measure is for a product that the company has procured in its supply chain operations (true) or not (false). The default value is <code>false</code>.

Field	Details
IsStationaryAssetUom	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the unit of measure is used in the stationary asset calculations (true) or (not). The default value is <code>false</code>.
IsVehicleAssetUom	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the unit of measure is used in vehicle asset calculations (true) or (not). The default value is <code>false</code>.
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language associated with this object. Possible values are: • <code>af</code>—Afrikaans • <code>am</code>—Amharic • <code>ar</code>—Arabic • <code>ar_AE</code>—Arabic (United Arab Emirates) • <code>ar_BH</code>—Arabic (Bahrain) • <code>ar_DZ</code>—Arabic (Algeria) • <code>ar_EG</code>—Arabic (Egypt) • <code>ar_IQ</code>—Arabic (Iraq) • <code>ar_JO</code>—Arabic (Jordan) • <code>ar_KW</code>—Arabic (Kuwait) • <code>ar_LB</code>—Arabic (Lebanon) • <code>ar_LY</code>—Arabic (Libya) • <code>ar_MA</code>—Arabic (Morocco) • <code>ar_OM</code>—Arabic (Oman) • <code>ar_QA</code>—Arabic (Qatar)

Field	Details
	• ar_SA—Arabic (Saudi Arabia) • ar_SD—Arabic (Sudan) • ar_SY—Arabic (Syria) • ar_TN—Arabic (Tunisia) • ar_YE—Arabic (Yemen) • bg—Bulgarian • bn—Bengali • bs—Bosnian • ca—Catalan • cs—Czech • cy—Welsh • da—Danish • de—German • de_AT—German (Austria) • de_BE—German (Belgium) • de_CH—German (Switzerland) • de_LU—German (Luxembourg) • el—Greek • el_CY—Greek (Cyprus) • en_AE—English (United Arab Emirates) • en_AU—English (Australian) • en_BE—English (Belgium) • en_CA—English (Canadian) • en_CY—English (Cyprus) • en_DE—English (Germany) • en_GB—English (UK) • en_HK—English (Hong Kong) • en_IE—English (Ireland) • en_IL—English (Israel) • en_IN—English (Indian) • en_MT—English (Malta) • en_MY—English (Malaysian) • en_NL—English (Netherlands) • en_NZ—English (New Zealand) • en_PH—English (Phillipines) • en_SG—English (Singapore) • en_US—English • en_ZA—English (South Africa)

Field	Details
	• eo—Esperanto (Pseudo) • es—Spanish • es_AR—Spanish (Argentina) • es_BO—Spanish (Bolivia) • es_CL—Spanish (Chile) • es_CO—Spanish (Colombia) • es_CR—Spanish (Costa Rica) • es_DO—Spanish (Dominican Republic) • es_EC—Spanish (Ecuador) • es_GT—Spanish (Guatemala) • es_HN—Spanish (Honduras) • es_MX—Spanish (Mexico) • es_NI—Spanish (Nicaragua) • es_PA—Spanish (Panama) • es_PE—Spanish (Peru) • es_PR—Spanish (Puerto Rico) • es_PY—Spanish (Paraguay) • es_SV—Spanish (El Salvador) • es_US—Spanish (United States) • es_UY—Spanish (Uruguay) • es_VE—Spanish (Venezuela) • et—Estonian • eu—Basque • fa—Farsi • fi—Finnish • fr—French • fr_BE—French (Belgium) • fr_CA—French (Canadian) • fr_CH—French (Switzerland) • fr_LU—French (Luxembourg) • fr_MA—French (Morocco) • ga—Irish • gu—Gujarati • haw—Hawaiian • hi—Hindi • hmn—Hmong • hr—Croatian • ht—Haitian Creole

Field	Details
	• hu—Hungarian • hy—Armenian • in—Indonesian • is—Icelandic • it—Italian • it_CH—Italian (Switzerland) • iw—Hebrew • iw_EO—Esperanto RTL (Pseudo) • ja—Japanese • ji—Yiddish • ka—Georgian • kk—Kazakh • kl—Greenlandic • km—Khmer • kn—Kannada • ko—Korean • lb—Luxembourgish • lt—Lithuanian • lv—Latvian • mi—Te reo • mk—Macedonian • ml—Malayalam • mr—Marathi • ms—Malay • mt—Maltese • my—Burmese • nl_BE—Dutch (Belgium) • nl_NL—Dutch • no—Norwegian • pa—Punjabi • pl—Polish • pt_BR—Portuguese (Brazil) • pt_PT—Portuguese (European) • rm—Romansh • ro—Romanian • ro_MD—Romanian (Moldova) • ru—Russian • ru_AM—Russian (Armenia)

Field	Details
	• ru_BY—Russian (Belarus) • ru_KG—Russian (Kyrgyzstan) • ru_KZ—Russian (Kazakhstan) • ru_LT—Russian (Lithuania) • ru_MD—Russian (Moldova) • ru_PL—Russian (Poland) • ru_UA—Russian (Ukraine) • sh—Serbian (Latin) • sh_ME—Montenegrin • sk—Slovak • sl—Slovene • sm—Samoan • sq—Albanian • sr—Serbian (Cyrillic) • sv—Swedish • sw—Swahili • ta—Tamil • te—Telugu • th—Thai • tl—Tagalog • tr—Turkish • uk—Ukrainian • ur—Urdu • vi—Vietnamese • xh—Xhosa • zh_CN—Chinese (Simplified) • zh_HK—Chinese (Hong Kong) • zh_MY—Chinese (Malaysia) • zh_SG—Chinese (Singapore) • zh_TW—Chinese (Traditional) • zu—Zulu
ManageableState	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the flow that is contained in a package. Possible values are:

Field	Details
	• <code>beta</code>—Managed-Beta • <code>deleted</code>—Managed-Proposed-Deleted • <code>deprecated</code>—Managed-Proposed-Deprecated • <code>deprecatedEditable</code>—SecondGen-Installed-Deprecated • <code>installed</code>—Managed-Installed • <code>installedEditable</code>—SecondGen-Installed-Editable • <code>released</code>—Managed-Released • <code>unmanaged</code>—Unmanaged
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description The label assigned to this object.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object.
UnitType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of unit used for conversions or calculations. Possible values are: • <code>Energy</code> • <code>Other</code> • <code>Volume</code> • <code>Weight</code>

SustnUomConversion

Represents information about the unit of measure conversion for the additional fuel types defined by a customer. This object is available in API version 57.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

`DELETE`, `GET`, `HEAD`, `PATCH`, `POST`, `Query`

Fields

Field	Details
ConversionFactor	Type double Properties Create, Filter, Sort, Update Description The conversion factor that's used to convert values from one unit of measure to another for the fuel type.
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description The unique name for the SustnUomConversion object. The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is Record Type Name. This field is automatically generated, but you can supply your own value if you create the record using the API.
FuelType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The name of the fuel type. Possible values are: • AutogasLPG—Autogas/LPG • Biodiesel

Field	Details
	• Biomass • CityGas—City Gas • CompressedNaturalGasCNG—Compressed Natural Gas (CNG) • Cooling • Diesel • Electricity • Ethanol • FuelOil—Fuel Oil • Gasoline • Heat • HeavyOil—Heavy Oil • ITElectricity—IT Electricity • JetFuel—Jet Fuel • Kerosene • LightOil—Light Oil • LiquidNaturalGasLNG—Liquefied Natural Gas (LNG) • MobileDiesel—Mobile Diesel • NaturalGas—Natural Gas • Propane • Refrigerant • Steam
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language of the SustnUomConversion. Possible values are: • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French • it—Italian • ja—Japanese

Field	Details
	• ko—Korean • nl_NL—Dutch • no—Norwegian • pt_BR—Portuguese (Brazil) • ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
ManageableState	Type ManageableState enumerated list Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package: • beta • deleted • deprecated • deprecatedEditable • installed • installedEditable • released • unmanaged
MasterLabel	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Label for the SustnUomConversion.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix associated with this object. Each Developer Edition organization that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can

Field	Details
	refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation. The namespace prefix can have one of the following values: - In Developer Edition organizations, the namespace prefix is set to the namespace prefix of the organization for all objects that support it. There is an exception if an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition organization of the package developer. - In organizations that are not Developer Edition organizations, <code>NamespacePrefix</code> is only set for objects that are part of an installed managed package. There is no namespace prefix for all other objects.
SourceUom	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The source unit of measure for the fuel type. Possible values are: 1000m3—1000 m3 - GJ - GWh - Kiloliters - Liters - MJ - MMBtu - MWh - Therms - Tonnes - UkGallons—UK Gallons - UsGallons—US Gallons - ccf - kG—kg - kWh - kcal - lbs - longTons—long tons - m3 - shortTons—short tons

Field	Details
TargetUom	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The target unit of measure for the fuel type. Possible values are: • 1000m3—1000 m3 • GJ • GWh • Kiloliters • Liters • MJ • MMBtu • MWh • Therms • Tonnes • UkGallons—UK Gallons • UsGallons—US Gallons • ccf • kG—kg • kWh • kcal • lbs • longTons—long tons • m3 • shortTons—short tons

VehicleAssetEmssnSrcCnfg

Represents the setup object that contains the mapping between the Vehicle Asset Emissions Source record type and internal enums. You can primarily use this object for calculations across different record types. This object is available in API version 54.0 and later.

Supported SOAP API Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

DELETE, GET, HEAD, PATCH, POST, Query

Fields

Field	Details
DeveloperName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. This field is automatically generated, but you can supply your own value if you create the record using the API.  Note: When creating large sets of data, always specify a unique <code>DeveloperName</code> for each record. If no <code>DeveloperName</code> is specified, performance may be slow while Salesforce generates one for each record.
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language of the Vehicle Asset Emissions Source record type. Possible values are: • <code>da</code>—Danish • <code>de</code>—German • <code>en_US</code>—English • <code>es</code>—Spanish • <code>es_MX</code>—Spanish (Mexico) • <code>fi</code>—Finnish • <code>fr</code>—French • <code>it</code>—Italian • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pt_BR</code>—Portuguese (Brazil)

Field	Details
	• ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
ManageableState	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Indicates the manageable state of the specified component that is contained in a package. Possible values are: • beta—Managed-Beta • deleted—Managed-Proposed-Deleted • deprecated—Managed-Proposed-Deprecated • deprecatedEditable—SecondGen-Installed-Deprecated • installed—Managed-Installed • installedEditable—SecondGen-Installed-Editable • released—Managed-Released • unmanaged—Unmanaged
MasterLabel	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The UI label of the vehicle asset emissions source configuration.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The namespace prefix that is associated with this object. Limit: 15 characters.
RecordTypeId	Type reference Properties Create, Filter, Group, Sort, Update

Field	Details
	Description The unique identifier of the Vehicle Asset Emissions Source record type. This is a relationship field. Relationship Name RecordType Relationship Type Lookup Refers To RecordType
VehicleAssetType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The type of the Vehicle Asset Emissions Source record type Possible values are: - FleetVehicle—Fleet Vehicle - PrivateJet—Private Jet

CHAPTER 9 Net Zero Cloud Fields on Tooling Objects

In this chapter ...

- [ExternalDocStorageConfig](#)

This section lists Net Zero Cloud fields available with tooling Salesforce objects. These fields are available only in orgs where Net Zero Cloud is enabled.

EDITIONS

Available in: Lightning Experience and the Salesforce mobile app

Available in: **Enterprise**, **Performance**, and **Unlimited** Editions that have Net Zero Cloud enabled.

ExternalDocStorageConfig

Represents configuration, which admin makes in setup to specify the drive, path, and named credential to be used for storing documents on external drives.

Supported SOAP API Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Supported REST API Methods

`DELETE`, `GET`, `HEAD`, `PATCH`, `POST`, `Query`

Fields

Field	Details
TargetObject	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The target object associated with the external document storage. Possible values are: • All • Contract • Disclosure • DocumentTemplate—Document Template • InfoLibraryExternalDocument—Information Library External Document

For more information, see [ExternalDocStorageConfig in Salesforce Contracts](#).

CHAPTER 10 Net Zero Cloud Calculations

In this chapter ...

- [Energy Use Records](#)
- [Emissions Factor Records](#)
- [Carbon Footprint](#)
- [Waste Management](#)
- [Water Management](#)
- [Science Based Targets](#)
- [Emissions Forecasts](#)
- [Sustainability Scorecard](#)
- [Building Size Category](#)
- [Building Energy Intensity](#)
- [Data Gap Filling](#)
- [Allocate Carbon Credits](#)
- [Allocate Energy Attribute Certificates](#)
- [Materiality Assessment](#)
- [Annual Emissions Inventory](#)
- [Disclosures Using Managed Packages](#)
- [Conversion Factors](#)

Net Zero Cloud performs background calculations to summarize your carbon footprint and other calculated values. If you know these calculations, you can double-check the values used in the calculations to determine whether any values require modifications based on your organization's methods or situation. The calculations in Net Zero Cloud are designed to be 99.99% accurate. If you notice deviations exceeding 0.01%, contact Salesforce Customer Support.

Your carbon footprint is calculated based on the latest greenhouse gas protocol (GHG) guidance.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise**, **Performance**, **Unlimited**, and **Developer** Editions

Energy Use Records

You can calculate emissions based on the emissions factors from the energy use records for each reporting period or reporting unit, such as a commercial building's monthly consumption or a single flight.

Energy use records are used to:

- Enter energy consumption values.
- Calculate scope 1, scope 2, and scope 3 emissions and other energy use metrics based on user-entered energy consumption. Assign custom scopes for the calculated emissions in Stationary Asset Energy Use using the scope allocation entity or the picklist in Vehicle Asset Energy Use entity.
- Determine the calculations performed within the energy use record based on the record type. For example, fleet vehicles and private jets use the same energy use object but based on the record type mapping the calculations are different.
- Roll up to carbon footprint records.
- Reference emissions factors objects, including:
 - Electricity Emissions Factor Set
 - Other Emissions Factor Set and Other Emissions Factor Set Item
 - Procurement Emissions Factor Set, Procurement Emissions Factor Set Item, Scope 3 Emissions Factor Set, Air Travel Emissions Factor, Ground Travel Emissions Factor, Hotel Stay Emissions Factor, Freight Hauling Emissions Factor, and Rental Car Emissions Factor
- Reference stationary asset environmental source records for asset information, such as the recorded business region or whether the asset is company-owned. For all record types, Owned Asset is a formula field (read-only) that is set by the status of the Company-Owned Asset field on the associated organization asset record.
- Manually enter Supplemental Scope 1 Emissions, Supplemental Scope 2 Market-Based Emissions, Supplemental Scope 2 Location-Based Emissions, and Supplemental Scope 3 Emissions (tCO2e) on all energy use record types.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited, and Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

[Air Travel Energy Use](#)

The Air Travel Energy Use object represents the energy consumption related to air travel.

[Freight Hauling Energy Use](#)

The Freight Hauling Energy Use object represents the energy consumption related to freight hauling.

[Ground Travel Energy Use](#)

The Ground Travel Energy Use object represents the energy consumption related to ground travel.

[Hotel Stay Energy Use](#)

The Hotel Stay Energy Use object represents the energy consumption related to hotel stay.

[Rental Car Energy Use](#)

The Rental Car Energy Use object represents the energy consumption related to rental cars.

[Stationary Asset Energy Use](#)

The Stationary Asset Energy Use object represents the energy consumption related to stationary assets across multiple fuel types.

Vehicle Asset Energy Use

The Vehicle Asset Energy Use object represents the fuel consumption related to vehicles. The selected emissions factors on the energy use record control the calculation for scope 1 or scope 3 emissions for vehicles depending on whether the asset is company owned.

Scope 3 Procurement Summary

The Scope 3 Procurement Summary object represents the amount that the organization spends for one procurement category. Scope 3 procurement summary quantifies the effect on atmospheric warming, represented in tonnes of carbon dioxide equivalent (tCO₂e) by using a matched emissions factor from an associated Procurement Emissions Factor Item record.

Air Travel Energy Use

The Air Travel Energy Use object represents the energy consumption related to air travel.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Haul Length (HaulLength)**

Input Fields

- Air Travel Emissions Factor (AirTravelEmssnFctr)
- Segment Distance (SegmentDistance)
- Segment Distance Unit (SegmentDistanceUnit)

Calculations

If Segment Distance Unit = AirTravelEmssnFctr.Distance Unit then

if $\text{abs}(\text{Segment Distance}) < \text{AirTravelEmssnFctr.Short-Haul Maximum Distance}$, then Haul Length = "Short".

else, if $\text{abs}(\text{Segment Distance}) < \text{AirTravelEmssnFctr.Medium-Haul Maximum Distance}$, then Haul Length = "Medium".

else, if $\text{abs}(\text{Segment Distance}) > \text{AirTravelEmssnFctr.Long-Haul Minimum Distance}$, then Haul Length = "Long".

- **Segment Distance (Miles) (SegmentDistanceInMiles)**

Input Fields

- Segment Distance (SegmentDistance)
- Segment Distance Unit (SegmentDistanceUnit)

Calculations

If Segment Distance Unit = "Miles", then Segment Distance (Miles) = Segment Distance.

If Segment Distance Unit = "Kilometers", then Segment Distance (Miles) = Segment Distance/1.60934.

- **CH₄/Passenger-km (kg CO₂e) (Ch4PassengerKmInKgCo2e)**

Input Fields

- Haul Length (HaulLength)
- Air Travel Emissions Factor (AirTravelEmssnFctr)

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Calculations

If Haul Length = "Long", then CH₄/Passenger-km (kg CO₂e) = AirTravelEmssnFctr.CH₄/Passenger-km for Long-Haul (kg CO₂e).

If Haul Length = "Medium", then CH₄/Passenger-km (kg CO₂e) = AirTravelEmssnFctr.CH₄/Passenger-km for Medium-Haul (kg CO₂e).

If Haul Length = "Short", then CH₄/Passenger-km (kg CO₂e) = AirTravelEmssnFctr.CH₄/Passenger-km for Short-Haul (kg CO₂e).

- **CH₄/Passenger-mile (kg CO₂e) (Ch4PassengerMileInKgCo2e)**

Input Fields

- Haul Length (HaulLength)
- Air Travel Emissions Factor (AirTravelEmssnFctr)

Calculations

If Haul Length = "Long", then CH₄/Passenger-mile (kg CO₂e) = AirTravelEmssnFctr.CH₄/Passenger-mile for Long-Haul (kg CO₂e).

If Haul Length = "Medium", then CH₄/Passenger-mile (kg CO₂e) = AirTravelEmssnFctr.CH₄/Passenger-mile for Medium-Haul (kg CO₂e).

If Haul Length = "Short", then CH₄/Passenger-mile (kg CO₂e) = AirTravelEmssnFctr.CH₄/Passenger-mile for Short-Haul (kg CO₂e).

- **CO₂/Passenger-km (kg) (Co2PassengerKmlnKg)**

Input Fields

- Haul Length (HaulLength)
- Air Travel Emissions Factor (AirTravelEmssnFctr)

Calculations

If Haul Length = "Long", then CO₂/Passenger-km (kg) = AirTravelEmssnFctr.CO₂/Passenger-km for Long-Haul (kg).

If Haul Length = "Medium", then CO₂/Passenger-km (kg) = AirTravelEmssnFctr.CO₂/Passenger-km for Medium-Haul (kg).

If Haul Length = "Short", then CO₂/Passenger-km (kg) = AirTravelEmssnFctr.CO₂/Passenger-km for Short-Haul (kg).

- **CO₂/Passenger-mile (kg) (Co2PassengerMileInKg)**

Input Fields

- Haul Length (HaulLength)
- Air Travel Emissions Factor (AirTravelEmssnFctr)

Calculations

If Haul Length = "Long", then CO₂/Passenger-mile (kg) = AirTravelEmssnFctr.CO₂/Passenger-mile for Long-Haul (kg).

If Haul Length = "Medium", then CO₂/Passenger-mile (kg) = AirTravelEmssnFctr.CO₂/Passenger-mile for Medium-Haul (kg).

If Haul Length = "Short", then CO₂/Passenger-mile (kg) = AirTravelEmssnFctr.CO₂/Passenger-mile for Short-Haul (kg).

- **N₂O/Passenger-km (kg CO₂e) (N2oPassengerKmlnKgCo2e)**

Input Fields

- Haul Length (HaulLength)
- Air Travel Emissions Factor (AirTravelEmssnFctr)

Calculations

If Haul Length = "Long", then $N_2O/Passenger\text{-}km \text{ (kg CO}_2\text{e)} = AirTravelEmssnFctr.N_2O/Passenger\text{-}km \text{ for Long-Haul (kg CO}_2\text{e)}$.

If Haul Length = "Medium", then $N_2O/Passenger\text{-}km \text{ (kg CO}_2\text{e)} = AirTravelEmssnFctr.N_2O/Passenger\text{-}km \text{ for Medium-Haul (kg CO}_2\text{e)}$.

If Haul Length = "Short", then $N_2O/Passenger\text{-}km \text{ (kg CO}_2\text{e)} = AirTravelEmssnFctr.N_2O/Passenger\text{-}km \text{ for Short-Haul (kg CO}_2\text{e)}$.

- **N₂O/Passenger-mile (kg CO₂e) (N₂O Passenger Mile In Kg Co₂e)**

Input Fields

- Haul Length (HaulLength)
- Air Travel Emissions Factor (AirTravelEmssnFctr)

Calculations

If Haul Length = "Long", then $N_2O/Passenger\text{-}mile \text{ (kg CO}_2\text{e)} = AirTravelEmssnFctr.N_2O/Passenger\text{-}mile \text{ for Long-Haul (kg CO}_2\text{e)}$.

If Haul Length = "Medium", then $N_2O/Passenger\text{-}mile \text{ (kg CO}_2\text{e)} = AirTravelEmssnFctr.N_2O/Passenger\text{-}mile \text{ for Medium-Haul (kg CO}_2\text{e)}$.

If Haul Length = "Short", then $N_2O/Passenger\text{-}mile \text{ (kg CO}_2\text{e)} = AirTravelEmssnFctr.N_2O/Passenger\text{-}mile \text{ for Short-Haul (kg CO}_2\text{e)}$.

- **Scope 3 Emissions (tCO₂e) (Scope3 Emissions In Tco₂e)**

Input Fields

- CH₄/Passenger-mile (kg CO₂e) (Ch4PassengerMileInKgCo2e)
- CO₂/Passenger-mile (kg) (Co2PassengerMileInKg)
- N₂O/Passenger-mile (kg CO₂e) (N₂O Passenger Mile In Kg Co₂e)
- Segment Distance (Miles) (SegmentDistanceInMiles)
- Supplemental Scope 3 Emissions (SuplScope3Emissions)

Calculations

If Vendor-Provided Emissions (tCO₂e) ≠ 0, then Scope 3 Emissions (tCO₂e) = Vendor-Provided Emissions (tCO₂e) + SuplScope3Emissions

If Vendor-Provided Emissions (tCO₂e) = 0, then Scope 3 Emissions (tCO₂e) = [(CO₂/Passenger-mile (kg) + N₂O Passenger Mile In Kg Co₂e + CH₄/Passenger-mile (kg CO₂e)) × Segment Distance (Miles)/1000] + Supplemental Scope 3 Emissions

Freight Hauling Energy Use

The Freight Hauling Energy Use object represents the energy consumption related to freight hauling.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **CH4 Emissions (kg) (Ch4EmissionsInKg)**

Input Fields

- Distance (Distance)
- Distance Unit (DistanceUnit)
- Freight Hauling Emissions Factors (FrgtHaulingEmssnFctr)
- Weight (Weight)
- Weight Unit (WeightUnit)

Calculations

CH4 Emissions (kg) = Distance (where Distance Unit = "Kilometers", convert if necessary) × Weight (where Weight Unit = "kg", convert if necessary) × FrgtHaulingEmssnFctr.CH4 Emissions Factor (convert to kg/tonne-km) (where FrgtHaulingEmssnFctr.Freight Hauling Mode = Freight Hauling Mode)/1000

- **CO2 Emissions (kg) (Co2EmissionsInKg)**

Input Fields

- Distance (Distance)
- Distance Unit (DistanceUnit)
- Freight Hauling Emissions Factors (FrgtHaulingEmssnFctr)
- Weight (Weight)
- Weight Unit (WeightUnit)

Calculations

CO2 Emissions (kg) = Distance (where Distance Unit = "Kilometers", convert if necessary) × Weight (where Weight Unit = "kg", convert if necessary) × FrgtHaulingEmssnFctr.CO2 Emissions Factor (convert to kg/tonne-km) (where FrgtHaulingEmssnFctr.Freight Hauling Mode = Freight Hauling Mode)/1000

- **N2O Emissions (kg) (N2oEmissionsInKg)**

Input Fields

- Distance (Distance)
- Distance Unit (DistanceUnit)
- Freight Hauling Emissions Factors (FrgtHaulingEmssnFctr)
- Weight (Weight)
- Weight Unit (WeightUnit)

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise**, **Performance**, **Unlimited**, and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Calculations

$\text{N2O Emissions (kg)} = \text{Distance (where Distance Unit = "Kilometers", convert if necessary)} \times \text{Weight (where Weight Unit = "kg", convert if necessary)} \times \text{FrgtHaulingEmssnFctr.N2O Emissions Factor (convert to kg/tonne-km)} \times \text{Freight Hauling Mode} / 1000$

- **Scope 3 Emissions (tCO2e) (Scope3EmissionsIntCo2e)**

Input Fields

- N2O Emissions (kg) (N2oEmissionsInKg)
- CO2 Emissions (kg) (Co2EmissionsInKg)
- CH4 Emissions (kg) (Ch4EmissionsInKg)
- Scope 3 Category (Scope3Category)
- Supplemental Scope 3 Emissions (SuplScope3Emissions)
- Freight Hauling Emissions Factors (FrgtHaulingEmssnFctr)

Calculations

$\text{Scope 3 Emissions (tCO2e)} = (\text{CO2 Emissions (kg)} + \text{CH4 Emissions (kg)} \times \text{FrgtHaulingEmssnFctr.Other Emissions Factors.CH4 Global Warming Potential} + \text{N2O Emissions (kg)} \times \text{FrgtHaulingEmssnFctr.Other Emissions Factors.N2O Global Warming Potential}) / 1000 + \text{Supplemental Scope 3 Emissions}$

Default Value

Supplemental Scope 3 Emissions

Ground Travel Energy Use

The Ground Travel Energy Use object represents the energy consumption related to ground travel.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Scope 3 Emissions (tCO2e) (Scope3EmissionsIntCo2e)**

Input Fields

- Distance [Distance]
- Expense Type (ExpenseType)
- Trip Cost (TripCost)
- Ground Travel Emissions Factors (GroundTravelEmssnFctr)
- Supplemental Scope 3 Emissions (SuplScope3Emissions)
- Procurement Emission Factor Set Item (PcmtEmssnFctrSetItem)
 - Total Scope 3 Emissions per Million Spent (tCO2e) (TotScpe3EmssnPerMillionSpent)
- Ground Travel Emissions Factor (GroundTravelEmssnFctr)
 - Personal Car Emissions (kg CO2e/Distance Unit) (PersCarEmssnInKgCo2eDstnUnit)

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

- Taxi Emissions (kg CO₂e/Distance Unit) (TaxiEmssnInKgCo2eDstnUnit)
- Taxi Rate (Cost/Distance Unit) (TaxiRateForDstnUnit)
- Train Emissions (kg CO₂e/Distance Unit) (TrainEmssnInKgCo2eDstnUnit)
- Train Rate (Cost/Distance Unit) (TrainRateForDstnUnit)

Calculations

If PcmEmssnFctrSetItem exists then Scope 3 Emissions (tCO₂e) = PcmEmssnFctrSetItem.Total Scope 3 Emissions per Million Spent (tCO₂e) * Trip Cost/1000000 + Supplemental Scope 3 Emissions

If GroundTravelEmssnFctr exists then

- If Expense Type = “Limousine” or “Taxi”, then Scope 3 Emissions (tCO₂e) = [(Trip Cost /GroundTravelEmssnFctr.Taxi Rate (Cost/Distance Unit)) × GroundTravelEmssnFctr.Taxi Emissions (kg CO₂e/Distance Unit) /1000] + Supplemental Scope 3 Emissions
- If Expense Type = “Personal Car Distance”, then Scope 3 Emissions (tCO₂e) = Distance (convert to miles) × GroundTravelEmssnFctr.Personal Car Emissions (kg CO₂e/Distance Unit)/1000 + SuplScope3Emissions. If GroundTravelEmssnFctr.Distance Unit! = “miles”, then convert the Personal Car Emissions (kg CO₂e/Distance Unit) to miles
- If Expense Type = “Subway/Train/Trolley - Cross State/Country” or “Subway/Train/Trolley - Local Public Transit”, then Scope3EmissionsInTco2e = [(Trip Cost /GroundTravelEmssnFctr.Train Rate (Cost/Distance Unit)) × GroundTravelEmssnFctr.Train Emissions (kg CO₂e/Distance Unit) /1000] + Supplemental Scope 3 Emissions

Default Value

Scope 3 Emissions (tCO₂e) = Supplemental Scope 3 Emissions

• CO₂ Emissions (kg) (Co2EmissionsInKg)

Input Fields

- Distance (Distance)
- Expense Type (ExpenseType)
- Trip Cost (TripCost)
- Supplemental Scope 3 Emissions (SuplScope3Emissions)
- Ground Travel Emissions Factor (GroundTravelEmssnFctr)
 - CO₂ Emissions Rate for Taxi (Kg/Distance Unit) (TaxiEmssnInKgCo2DstnUnit)
 - CO₂ Emissions Rate for Personal Car (Kg /Distance Unit) (PersCarEmssnInKgCo2DstnUnit)
 - CO₂ Emissions Rate for Train (Kg/Distance Unit) (TrainEmssnInKgCo2DstnUnit)

Calculations

If GroundTravelEmssnFctr exists then

- If Expense Type = “Limousine” or “Taxi”, then CO₂ Emissions (kg) = [(Trip Cost /GroundTravelEmssnFctr.Taxi Rate (Cost/Distance Unit)) × GroundTravelEmssnFctr.CO₂ Emissions Rate for Taxi (Kg/Distance Unit) /1000]
- If Expense Type = “Personal Car Distance”, then CO₂ Emissions (kg) = Distance (convert to miles) × GroundTravelEmssnFctr.CO₂ Emissions Rate for Personal Car (Kg /Distance Unit)/1000. If GroundTravelEmssnFctr.Distance Unit! = “miles”, then convert the CO₂ Emissions Rate for Personal Car (Kg /Distance Unit) to miles
- If Expense Type = “Subway/Train/Trolley - Cross State/Country” or “Subway/Train/Trolley - Local Public Transit”, then CO₂ Emissions (kg) = [(Trip Cost /GroundTravelEmssnFctr.Train Rate (Cost/Distance Unit)) × GroundTravelEmssnFctr.CO₂ Emissions Rate for Train (Kg/Distance Unit) /1000]

Default Value

CO₂ Emissions (kg) = 0

- **CH₄ Emissions (kg) (Ch4EmissionsInKg)**

Input Fields

- Distance (Distance)
- Expense Type (ExpenseType)
- Trip Cost (TripCost)
- Ground Travel Emissions Factor (GroundTravelEmssnFctr)
 - CH₄ Emissions Rate for Personal Car (Kg /Distance Unit) (PersCarEmssnInKgCh4DstnUnit)
 - CH₄ Emissions Rate for Taxi (Kg/Distance Unit) (TaxiEmssnInKgCh4DstnUnit)
 - CH₄ Emissions Rate for Train (Kg/Distance Unit) (TrainEmssnInKgCh4DstnUnit)

Calculations

If GroundTravelEmssnFctr exists then

- If Expense Type = "Limousine" or "Taxi", then CH₄ Emissions (kg) = [(Trip Cost /GroundTravelEmssnFctr.Taxi Rate (Cost/Distance Unit)) × GroundTravelEmssnFctr.CH₄ Emissions Rate for Taxi (Kg/Distance Unit) /1000]
- If Expense Type = "Personal Car Distance", then CH₄ Emissions (kg) = Distance (convert to miles) × GroundTravelEmssnFctr.CH₄ Emissions Rate for Personal Car (Kg /Distance Unit)/1000. If GroundTravelEmssnFctr.Distance Unit! = "miles", then convert the CH₄ Emissions Rate for Personal Car (Kg /Distance Unit) to miles
- If Expense Type = "Subway/Train/Trolley - Cross State/Country" or "Subway/Train/Trolley - Local Public Transit", then CH₄ Emissions (kg) = [(Trip Cost /GroundTravelEmssnFctr.Train Rate (Cost/Distance Unit)) × GroundTravelEmssnFctr.CH₄ Emissions Rate for Train (Kg/Distance Unit) /1000]

Default Value

CH₄ Emissions (kg) = 0

- **N₂O Emissions (kg) (N2oEmissionsInKg)**

Input Fields

- Distance (Distance)
- Expense Type (ExpenseType)
- Trip Cost (TripCost)
- Ground Travel Emissions Factor (GroundTravelEmssnFctr)
 - N₂O Emissions Rate for Personal Car (Kg /Distance Unit) (PersCarEmssnInKgN2oDstnUnit)
 - N₂O Emissions Rate for Taxi (Kg/Distance Unit) (TaxiEmssnInKgN2oDstnUnit)
 - N₂O Emissions Rate for Train (Kg/Distance Unit) (TrainEmssnInKgN2oDstnUnit)

Calculations

If GroundTravelEmssnFctr exists then

- If Expense Type = "Limousine" or "Taxi", then N₂O Emissions (kg) = [(Trip Cost /GroundTravelEmssnFctr.Taxi Rate (Cost/Distance Unit)) × GroundTravelEmssnFctr.N₂O Emissions Rate for Taxi (Kg/Distance Unit) /1000]
- If Expense Type = "Personal Car Distance", then N₂O Emissions (kg) = Distance (convert to miles) × GroundTravelEmssnFctr.N₂O Emissions Rate for Personal Car (Kg /Distance Unit)/1000. If GroundTravelEmssnFctr.Distance Unit! = "miles", then convert the N₂O Emissions Rate for Personal Car (Kg /Distance Unit) to miles

- If Expense Type = “Subway/Train/Trolley - Cross State/Country” or “Subway/Train/Trolley - Local Public Transit”, then N2O Emissions (kg) = [(Trip Cost /GroundTravelEmssnFctr.Train Rate (Cost/Distance Unit)) × GroundTravelEmssnFctr.N2O Emissions Rate for Train (Kg/Distance Unit) /1000]

Default Value

N2O Emissions (kg) = 0

Hotel Stay Energy Use

The Hotel Stay Energy Use object represents the energy consumption related to hotel stay.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Emissions Factor/Room per Night (kg CO2e) (EmissionFctrKgCo2eRoomPerNight)**

Input Fields

Hotel Stay Emissions Factor (HotelStayEmssnFctr)

Calculations

Emissions Factor/Room per Night (kg CO2e) = HotelStayEmssnFctr.Hotel Stay Emissions (kg CO2e/Night)

- **Scope 3 Emissions (tCO2e) (Scope3EmissionsInTco2e)**

Input Fields

- Emissions Factor/Room per Night (kg CO2e) (EmissionFctrKgCo2eRoomPerNight)
- Number of Nights (StayNightsCount)
- Number of Rooms (RoomCount)
- Supplemental Scope 3 Emissions (SuplScope3Emissions)

Calculations

Scope 3 Emissions (tCO2e) = (Emissions Factor/Room per Night (kg CO2e) × Number of Nights × Number of Rooms)/1000 + Supplemental Scope 3 Emissions

Default Value

Scope 3 Emissions (tCO2e) = Supplemental Scope 3 Emissions

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Rental Car Energy Use

The Rental Car Energy Use object represents the energy consumption related to rental cars.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Fuel Efficiency (L/100 km) (FuelEfficiencyInLkm)**

Input Fields

Rental Car Emissions Factor (RentalCarEmssnFctr)

Calculations

If RentalCarEmssnFctr.Fuel Efficiency Unit = "L per 100 km", then Fuel Efficiency (L/100 km) = RentalCarEmssnFctr.Fuel Efficiency.

If RentalCarEmssnFctr.Fuel Efficiency Unit = "Miles per Gallon", then Fuel Efficiency (L/100 km) = RentalCarEmssnFctr.Fuel Efficiency/235.215.

- **Fuel Efficiency (mpg) (FuelEfficiencyInMpg)**

Input Fields

Rental Car Emissions Factor (RentalCarEmssnFctr)

Calculations

If RentalCarEmssnFctr.Fuel Efficiency Unit = "Miles per Gallon", then Fuel Efficiency (mpg) = RentalCarEmssnFctr.Fuel Efficiency.

If RentalCarEmssnFctr.Fuel Efficiency Unit = "L per 100 km", then Fuel Efficiency (mpg) = 235.215/RentalCarEmssnFctr.Fuel Efficiency.

- **CH4 Emissions (kg) (Ch4EmissionsInKg)**

Input Fields

- Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
- Fuel Efficiency (mpg) (FuelEfficiencyInMpg)
- Fuel Type (FuelType)
- Rental Car Emissions Factor (RentalCarEmssnFctr)
- CH4 Emissions Factor Unit (Ch4EmissionFactorUnit)

Calculations

If CH4 Emissions Factor Unit = "g/km", or "kg/km", or "g/mile", or "kg/mile" then CH4 Emissions (kg) = Total Fuel Consumption (US Gallons) × Fuel Efficiency (mpg) × 1.60934 × RentalCarEmssnFctr.Other Emissions Factor Set Item.CH4 Emissions Factor where Fuel Type = OtherEmissionFactor.Fuel Type and CH4 Emissions Factor converted to Kg/Km.

If CH4 Emissions Factor Unit is not = "g/km", or "kg/km", or "g/mile", or "kg/mile" then CH4 Emissions (kg) = Total Fuel Consumption (US Gallons) × RentalCarEmssnFctr.Other Emissions Factor Set Item.CH4 Emissions Factor converted to Kg/Gallon.

- **CO2 Emissions (kg) (Co2EmissionsInKg)**

Input Fields

- Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
- Rental Car Emissions Factor (RentalCarEmssnFctr)

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise**, **Performance**, **Unlimited**, and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Calculations

CO2 Emissions (kg) = Total Fuel Consumption (US Gallons) × RentalCarEmssnFctr.Other Emissions Factor Set Item.CO2 Emissions Factor where Fuel Type = Other Emissions Factor Set Item.Fuel Type and Other Emissions Factor Set Item.CO2 Emissions Factor converted to Kg/Gallon.

- **N2O Emissions (kg) (N2oEmissionsInKg)**

Input Fields

- Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
- Fuel Efficiency (mpg) (FuelEfficiencyInMpg)
- Fuel Type (FuelType)
- Rental Car Emissions Factor (RentalCarEmssnFctr)

Calculations

If N2O Emissions Factor Unit = "g/km", or "kg/km", or "g/mile", or "kg/mile" then N2O Emissions (kg) = Total Fuel Consumption (US Gallons) × Fuel Efficiency (mpg) × 1.60934 × RentalCarEmssnFctr.Other Emissions Factor Set Item.N2O Emissions Factor where Fuel Type = OtherEmissionFactor.Fuel Type and N2O Emissions Factor converted to Kg/Km.

If N2O Emissions Factor Unit is not = "g/km", or "kg/km", or "g/mile", or "kg/mile" then N2O Emissions (kg) = Total Fuel Consumption (US Gallons) × RentalCarEmssnFctr.Other Emissions Factor Set Item.N2O Emissions Factor converted to Kg/Gallon.

- **Scope 3 Emissions (tCO2e) (Scope3EmissionsInTco2e)**

Input Fields

- Vendor-Provided Emissions (tCO2e) (VendorProvidedEmissionsInTco2e)
- Rental Car Emissions Factor (RentalCarEmssnFctr)
- Supplemental Scope 3 Emissions (SuplScope3Emissions)
- Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
- N2O Emissions (kg) (N2oEmissionInKg)
- CO2 Emissions (kg) (Co2EmissionsInKg)
- CH4 Emissions (kg) (Ch4EmissionsInKg)

Calculations

If vendor-provided emissions exist, then set Scope 3 Emissions (tCO2e) = Vendor-Provided Emissions (tCO2e) + Supplemental Scope 3 Emissions.

If Vendor-Provided Emissions (tCO2e) = null for the fuel type,

- If RentalCarEmssnFctr.OtherEmissionFactor.Supplied CO2e Emissions Factor (kg/Gal) = null then

$$\text{Scope 3 Emissions (tCO2e)} = \text{CO2 Emissions (kg)} / 1000 + \text{CH4 Emissions (kg)} / 1000 \times \text{ParentEmissionFactor.CH4 Global Warming Potential} + \text{N2O Emissions (kg)} / 1000 \times \text{ParentEmissionFactor.N2O Global Warming Potential} + \text{Supplemental Scope 3 Emissions}$$
- If RentalCarEmssnFctr.OtherEmissionFactor.Supplied CO2e Emissions Factor != null then

$$\text{Scope 3 Emissions (tCO2e)} = \text{Total Fuel Consumption (US Gallons)} * \text{RentalCarEmssnFctr.OtherEmissionFactor.Supplied CO2e Emissions Factor (kg/Gal)} + \text{Supplemental Scope 3 Emissions}$$

Default value

Supplemental Scope 3 Emissions

- Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)**

Input Fields

- Distance [Distance]
- Distance Unit (DistanceUnit)
- Fuel Efficiency (mpg) (FuelEfficiencyInMpg)

Calculations

If Distance Unit = "Miles" and Fuel Efficiency (mpg) <> 0, then Total Fuel Consumption (US Gallons) = Distance/Fuel Efficiency (mpg).

If Distance Unit = "Kilometers" and Fuel Efficiency (mpg) <> 0, then Total Fuel Consumption (US Gallons) = Distance/1.60934/Fuel Efficiency (mpg).

- Total Fuel Consumption (Liters) (TotalFuelConsumptionInLiter)**

Input Fields

Total Fuel Consumption (US Gallons) (Total Fuel Consumption (US Gallons))

Calculations

Total Fuel Consumption (Liters) = Total Fuel Consumption (US Gallons)/0.26417205

Stationary Asset Energy Use

The Stationary Asset Energy Use object represents the energy consumption related to stationary assets across multiple fuel types.

Table 1: Fuel Consumption (kWh) Units by Fuel Type

Fuel Units	Electricity	Coal	Diesel	Fuel Oil	Heat	Natural Gas	Liquid Natural Gas (LNG)	Propane	Steam	Light Oil	Kerosene	City Gas	Refrigerant
kWh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
GWh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MWh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
GJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
kcal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MMBtu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Therm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Kg													✓
Lbs													✓

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Fuel Units	Electricity	Cooling	Diesel	Fuel Oil/Heavy Oil	Heat	Natural Gas	Liquid Natural Gas (LNG)	Propane	Steam	Light Oil	Kerosene	City Gas	Refined
Tonnes													√
Short Tons													√
Long Tons													√
US Gallon			√	√		√	√	√		√	√	√	
UK Gallon			√	√		√	√	√		√	√	√	
Liter			√	√		√	√	√		√	√	√	
Kiloliters			√	√		√	√	√		√	√	√	
m3			√	√		√	√	√		√	√	√	
1000 m3			√	√		√	√	√		√	√	√	
ccf			√	√		√	√	√		√	√	√	

Allocate the default scope for the fuel. Depending on the scope, the relevant fields are populated and the other fields default to 0:

- Scope 1 Emissions (tCO2e).
- Scope 2 Location-Based Emissions (tCO2e) and Scope 2 Market-Based Emissions (tCO2e). Scope 2 means both these fields are populated.
- Scope 3 Downstream Emissions (tCO2e).
- Scope 3 Upstream Emissions (tCO2e).

If you have not associated a scope allocation, then use the default scope allocations.

Table 2: Default Scope Allocation Consideration

Fuel	Asset Owned	Asset Not Owned
Electricity	Scope 2	Scope 2
City Gas	Scope 1	Scope 2
Cooling	Scope 2	Scope 2
Diesel	Scope 1	Scope 2
Fuel Oil	Scope 1	Scope 2
Heat	Scope 2	Scope 2
Heavy Oil	Scope 1	Scope 2

Fuel	Asset Owned	Asset Not Owned
Kerosene	Scope 1	Scope 2
Light Oil	Scope 1	Scope 2
Liquid Natural Gas (LNG)	Scope 1	Scope 2
Natural Gas	Scope 1	Scope 2
Propane	Scope 1	Scope 2
Refrigerant	Scope 1	Scope 2
Steam	Scope 2	Scope 2
IT Electricity	Scope 2	Scope 2
Biomass	Scope 1	Scope 2

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Fuel Consumption (kWh) (FuelConsumptionInKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Fuel Type (FuelType)
- Fuel Consumption (FuelConsumption)
- Other Emissions Factor Set (OtherEmssnFctrSet)
- Other Emissions Factor Set Item (OtherEmssnFctrSetItem)
- Fuel Type (FuelType)
- Calorific Value (CalorificValue)
- Calorific Value Unit (CalorificValueUnit)
- Conversion constant

Calculations

If these fuels are measured in volume units:

- City Gas
- Diesel
- Fuel Oil
- Heavy Oil
- Kerosene
- Light Oil
- Liquid Natural Gas (LNG)
- Natural Gas
- Propane
- Biomass

Then to convert the volume to energy units:

Fuel Consumption (kWh) = Fuel Consumption (converted to m³) × OtherEmssnFctrSet.OtherEmssnFctrSetItem.Calorific Value (converted to kWh/m³) and Fuel Type = OtherEmssnFctrSet.OtherEmssnFctrSetItem.Fuel Type

- **Fuel Consumption (GJ) (FuelConsumptionInGigajoule)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Conversion constant

Calculations

Fuel Consumption (GJ) = Total Fuel Consumption (kWh)/277.7777777

- **Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)**

Input Fields

- Fuel Consumption (kWh) (FuelConsumptionInKwh)
- Power Usage Effectiveness (PowerUsageEffectiveness)

Calculations

If Record Type = "Data Center", then Total Fuel Consumption (kWh) = Fuel Consumption (kWh) × Power Usage Effectiveness.
else, for all other fuel types and record types, Total Fuel Consumption (kWh) = Fuel Consumption (kWh).

- **Occupied Floor Area (sqft) (OccupiedFloorAreaInSqft)**

Input Fields

- Occupied Floor Area (OccupiedFloorArea)
- Occupied Floor Area Unit (OccupiedFloorAreaUnit)
- Conversion constant

External Object Calculations

If Occupied Floor Area Unit = "sqft", then Occupied Floor Area (sqft) = Occupied Floor Area.

If Occupied Floor Area Unit = "m²", then Occupied Floor Area (sqft) = Occupied Floor Area × 10.76391042.

- **Scope 1 Emissions (tCO₂e) (Scope1EmissionsInTco2e)**

Input Fields

- Other Emissions Factors (OtherEmssnFctrId)
- Supplemental Scope 1 Emissions (SuplScope1Emissions)
- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Stationary Asset Environmental Source (StnryAssetEnvrSrcId)

Calculations

- If the scope allocation for a fuel is scope 1, then StnryAssetEnvrSrc.Carbon Emissions Scope Allocation.Fuel Type Allocation = "Scope 1" where StnryAssetEnvrSrc.CrbnEmssnScopeAlloc.FuelType = FuelType.
- If Fuel Type = "Electricity", then Scope 1 Emissions (tCO₂e) = (Total Fuel Consumption (kWh)) × ElectricityEmssnFctrSet.CO₂e Emissions Rate (tonnes/MWh)/1000 + Supplemental Scope 1 Emissions.
- For any fuel other than refrigerants and electricity,
If (Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO₂e Emissions Factor = 0) then Scope 1 Emissions (tCO₂e) = Total Fuel Consumption (kWh) × Other Emissions Factor Set.Other Emissions Factor Set Item.CO₂e Emissions Factor

(tCO₂e/MWh) (Fuel Type = Other Emissions Factor Set.Other Emissions Factor Set Item.Fuel Type) / 1000 + Supplemental Scope 1 Emissions

else if (Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO₂e Emissions Factor != 0) then Scope 1 Emissions (tCO₂e) = Total Fuel Consumption (kWh) × Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO₂e Emissions Factor (convert to Kg/Kwh) (Fuel Type = Other Emissions Factor Set.Other Emissions Factor Set Item.Fuel Type) / 1000 + Supplemental Scope 1 Emissions.

- If FuelType = "Refrigerant", then Scope 1 Emissions (tCO₂e) = FuelConsumption (converted to Kgs) × RefrigerantEmssnFctr.Global Warming Potential/1000 + Supplemental Scope 1 Emission

Default Value

Scope 1 Emissions (tCO₂e) = Supplemental Scope 1 Emissions

- **Scope 2 Location-Based Emission (tCO₂e) (Scope2LocBasedEmssnInTco2e)**

Input Fields

- Other Emissions Factors (OtherEmssnFctrId)
- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factors (ElectricityEmissionFactorsId)
- Company-Owned Asset (IsCompanyOwnedAsset)
- Supplemental Scope 2 Location-Based Emissions (SuplScope2LocationBasedEmssn)

Calculations

- StnryAssetEnvrSrc.Carbon Emission Scope Allocation Value.Fuel Type Allocation = "Scope 2" (where StnryAssetEnvrSrc.Carbon Emission Scope Allocation Value.Fuel Type = Fuel Type)
- If Fuel Type = "Electricity" then Scope 2 Location-Based Emission (tCO₂e) =(Total Fuel Consumption (kWh)) × Electricity Emissions Factor Set.Co2eEmissionRateInTmwh / 1000 + SuplScope2LocationBasedEmssn
- For any fuel other than refrigerants & Electricity
 If (Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO₂e Emissions Factor = 0) then Scope 2 Location-Based Emission (tCO₂e) = Total Fuel Consumption (kWh) × Other Emissions Factor Set.Other Emissions Factor Set Item.CO₂e Emissions Factor (tCO₂e/MWh) (Fuel Type = Other Emissions Factor Set.Other Emissions Factor Set Item.Fuel Type) / 1000 + Supplemental Scope 2 Location-Based Emissions

 else if (Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO₂e Emissions Factor != 0) then Scope 2 Location-Based Emission (tCO₂e) = Total Fuel Consumption (kWh) × Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO₂e Emissions Factor (convert to Kg/Kwh) (Fuel Type = Other Emissions Factor Set.Other Emissions Factor Set Item.Fuel Type) / 1000 + Supplemental Scope 2 Location-Based Emissions
- If Fuel Type="Refrigerant" then Scope 2 Location-Based Emission (tCO₂e) = Fuel Consumption (converted to Kgs) × RefrigerantEmssnFctr.Global Warming Potential/1000 + Supplemental Scope 2 Location-Based Emissions

Default Value

Scope 2 Location-Based Emission (tCO₂e) = Supplemental Scope 2 Location-Based Emissions

- **Scope 2 Market-Based Emission (tCO₂e) (Scope2MktBasedEmssnInTco2e)**

Input Fields

- Allocated Renewable Energy (kWh) (AllocatedRenewableEnergyInKwh)
- Company-Owned Asset (IsCompanyOwnedAsset)
- Electricity Emissions Factors (ElectricityEmissionFactorsId)

- Emissions Factor Type (EmissionsFactorType)
- Market-Based CO2 Emissions Rate (tonnes/MWh) (MktBsdCo2EmssnRtlnTmwh)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrld)
- Emissions Factor Type (EmissionsFactorType)
- Market-Based CO2 Emissions Rate (tonnes/MWh) (MktBsdCo2EmssnRtlnTmwh)
- Supplemental Scope 2 Market-Based Emissions (SuplScope2MarketBasedEmssn)
- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Renewable Energy Type Override (RenewableEnergyType)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)
- Energy Attribute Certificate Credit (EnergyAttrCertCredit)
- Energy Attribute Certificate Purchase (EnergyAttrCertPurchase)
- Clean Energy Project (CleanEnergyProject)

Calculations

StnryAssetEnvrSrc.Carbon Emission Scope Allocation Value.Fuel Type Allocation = "Scope 2" (where StnryAssetEnvrSrc.Carbon Emission Scope Allocation Value.Fuel Type = Fuel Type)

- If Renewable Energy Type Override != Empty, then Scope 2 Market-Based Emissions (tCO2e) = ((Total Fuel Consumption (kWh) - Allocated Renewable Energy Override (kWh)) × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based CO2e Emissions Rate (tonnes/MWh) / 1000))

else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None)
(MktBsdElectriEmssnFctrld.Market-Based CO2e Emissions Rate (tonnes/MWh) / 1000))

else 0))

When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object,

if Renewable Energy Type Override == Empty (None),

then Scope 2 Market-Based Emissions (tCO2e) = (Total Fuel Consumption (kWh) - Allocated Energy Attribute Credits (kWh)) × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based CO2e Emissions Rate (tonnes/MWh) / 1000))

else if (MktBsdElectriEmssnFctrld.Emissions Factor Type == LocationAndMarketBased or None)
(MktBsdElectriEmssnFctrld.Market-Based CO2e Emissions Rate (tonnes/MWh) / 1000))

else 0+ Supplemental Scope 2 Market-Based Emissions) + for each Energy Attribute Credit Distribution associated with this record if (EnergyAttrCreditDstr.EnergyAttrCertPurchase.CleanEnergyProject.Electricity Emissions Factors != NULL
(EnergyAttrCreditDstr.Allocated Energy Attribute Credits (kWh) ×
EnergyAttrCreditDstr.EnergyAttrCertPurchase.CleanEnergyProject.ElectrEmissionsFactorsId.Market-Based CO2e Emissions Rate (tonnes/MWh) / 1000))

- For any fuel other than refrigerants and Electricity

If (Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO2e Emissions Factor = 0) then Scope 2 Market-Based Emissions (tCO2e) = Total Fuel Consumption (kWh) × Other Emissions Factor Set.Other Emissions Factor Set Item.CO2e Emissions Factor (tCO2e/MWh) (Fuel Type = Other Emissions Factor Set.Other Emissions Factor Set Item.Fuel Type) / 1000 + Supplemental Scope 2 Market-Based Emissions

else if (Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO2e Emissions Factor != 0) then Scope 2 Market-Based Emissions (tCO2e) = Total Fuel Consumption (kWh) × Other Emissions Factor Set.Other Emissions Factor Set Item.Supplied CO2e Emissions Factor (convert to Kg/Kwh) (Fuel Type = Other Emissions Factor Set.Other Emissions Factor Set Item.Fuel Type) / 1000 + Supplemental Scope 2 Market-Based Emissions

- If FuelType="Refrigerant", Scope 2 Market-Based Emissions (tCO₂e) = Fuel Consumption (converted to Kgs) × RefrigerantEmssnFctr.Global Warming Potential/1000 + Supplemental Scope 2 Market-Based Emissions

Default Value

Scope 2 Market-Based Emission (tCO₂e) = Supplemental Scope 2 Market-Based Emissions

- **Market-Based CO₂ Emissions (kg) (MktBsdCo2EmssnInKg)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Fuel Type (FuelType)
- Other Emissions Factor Set (OtherEmssnFctrSet)
- Other Emissions Factor Set Item (OtherEmssnFctrSetItem)
 - Fuel Type (FuelType)
 - CO₂ Emissions Factor (Co2EmissionFactor)
 - CO₂ Emissions Factor Unit (Co2EmissionFactorUnit)
- Electricity Emissions Factors (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based CO₂ Emissions Rate (tonnes/MWh) (MktBsdCo2EmssnRtInTmwh)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based CO₂ Emissions Rate (tonnes/MWh) (MktBsdCo2EmssnRtInTmwh)
- Renewable Energy Type Override (RenewableEnergyType)
- Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)
- Energy Attribute Certificate Credit (EnergyAttrCertCredit)
- Energy Attribute Certificate Purchase (EnergyAttrCertPurchase)
- Clean Energy Project (CleanEnergyProject)
 - Market-Based CO₂ Emissions Rate (tonnes/MWh) (MktBsdCo2EmssnRtInTmwh)

Calculations

```

If (Fuel Type == REFRIGERANT) {
then Market-Based CO2 Emissions (kg) = 0;
} Else if (Fuel Type == ELECTRICITY) {
If (Renewable Energy Type Override!= Empty) {
Market-Based CO2 Emissions (kg) = (Total Fuel Consumption (kWh) TotalFuelConsumptionInKwh - Allocated Renewable Energy
Override (kWh)) * ElectricityEmssnFctrSet.Market-Based CO2 Emissions Rate (tonnes/MWh)
} else {
Market-Based CO2 Emissions (kg) = (Total Fuel Consumption (kWh) * ElectricityEmssnFctrSet.Market-Based CO2 Emissions Rate
(tonnes/MWh))
}
} Else { // Default calculation for all other fuel types

```

```

Market-Based CO2 Emissions (kg) = (Total Fuel Consumption (kWh) * OtherEmssnFctrSetItem.CO2 Emissions Factor *
OtherEmssnFctrSetItem.CO2 Emissions Factor Unit converted to Kg per KWh
}

```

- **Market-Based CH4 Emissions (kg) (MktBsdCh4EmssnInKg)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Fuel Type (FuelType)
- Other Emissions Factor Set (OtherEmssnFctrSet)
- Other Emissions Factor Set Item (OtherEmssnFctrSetItem)
 - Fuel Type (FuelType)
 - CH4 Emissions Factor (Ch4EmissionFactor)
 - CH4 Emissions Factor Unit (Ch4EmissionFactorUnit)
- Electricity Emission Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based CH4 Emissions Rate (tonnes/GWh) (MktBsdCh4EmssnRtInTgwh)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based CH4 Emissions Rate (tonnes/GWh) (MktBsdCh4EmssnRtInTgwh)
- Renewable Energy Type Override (RenewableEnergyType)
- Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)
 - Stationary Asset Energy Use (StnryAssetEnergyUsed)
- Energy Attribute Certificate Credit (EnergyAttrCertCredit)
- Energy Attribute Certificate Purchase (EnergyAttrCertPurchase)
- Clean Energy Project (CleanEnergyProject)
 - Electricity Emissions Factors (ElectrEmissionsFactorsId)
 - Market-Based CH4 Emissions Rate (tonnes/GWh) (MktBsdCh4EmssnRtInTgwh)

Calculations

```

If (Fuel Type == REFRIGERANT) {
then Market-Based CH4 Emissions (kg) = 0;
} Else if (Fuel Type == ELECTRICITY) {
If (Renewable Energy Type Override!= Empty) {
Market-Based CH4 Emissions (kg) = (Total Fuel Consumption (kWh) TotalFuelConsumptionInKwh - Allocated Renewable Energy
Override (kWh)) * ElectricityEmssnFctrSet.Market-Based CH4 Emissions Rate (tonnes/GWh)/1000.0
} else {
Market-Based CH4 Emissions (kg) = Total Fuel Consumption (kWh) * ElectricityEmssnFctrSet.Market-Based CH4 Emissions Rate
(tonnes/GWh)/1000.0
}
}

```

```

}
} Else { // Default calculation for all other fuel types
Market-Based CH4 Emissions (kg) = (Total Fuel Consumption (kWh) * OtherEmssnFctrSetItem.CH4 Emissions Factor *
OtherEmssnFctrSetItem.CH4 Emissions Factor Unit converted to Kg per KWh
}

```

- **Market-Based N2O Emissions (kg) (MktBsdN2oEmssnInKg)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Fuel Type (FuelType)
- Other Emissions Factor Set (OtherEmssnFctrSet)
- Other Emissions Factor Set Item (OtherEmssnFctrSetItem)
 - Fuel Type (FuelType)
 - N2O Emissions Factor (N2oEmissionFactor)
 - N2O Emissions Factor Unit (N2oEmissionFactorUnit)
- Electricity Emission Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based N2O Emissions Rate (tonnes/GWh) (MktBsdN2oEmssnRtInTgwh)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based N2O Emissions Rate (tonnes/GWh) (MktBsdN2oEmssnRtInTgwh)
- Renewable Energy Type Override (RenewableEnergyType)
- Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)
 - Stationary Asset Energy Use (StnryAssetEnergyUseld)
- Energy Attribute Certificate Credit (EnergyAttrCertCredit)

Energy Attribute Certificate Purchase (EnergyAttrCertPurchase)
- Clean Energy Project (CleanEnergyProject)
 - Electricity Emissions Factors (ElectrEmissionsFactorsId)
 - Market-Based N2O Emissions Rate (tonnes/GWh) (MktBsdN2oEmssnRtInTgwh)

Calculations

```

If (Fuel Type == REFRIGERANT) {
then Market-Based N2O Emissions (kg) = 0;
} Else if (Fuel Type == ELECTRICITY) {
If (Renewable Energy Type Override!= Empty) {
Market-Based N2O Emissions (kg) = (Total Fuel Consumption (kWh) TotalFuelConsumptionInKwh - Allocated Renewable Energy
Override (kWh)) * ElectricityEmssnFctrSet.Market-Based N2O Emissions Rate (tonnes/GWh)/1000.0
} else {

```

Market-Based N2O Emissions (kg) = (Total Fuel Consumption (kWh) * ElectricityEmssnFctrSet.Market-Based N2O Emissions Rate (tonnes/GWh)/1000.0)

}

} Else { // Default calculation for all other fuel types

Market-Based N2O Emissions (kg) = (Total Fuel Consumption (kWh) * OtherEmssnFctrSetItem.N2O Emissions Factor * OtherEmssnFctrSetItem.N2O Emissions Factor Unit converted to Kg per KWh

}

- **Total Floor Area (sqft) (TotalFloorAreaInSqft)**

Input Fields

- Total Floor Area (TotalFloorArea)
- Total Floor Area Unit (TotalFloorAreaUnit)
- Conversion constant

External Object Calculations

If Total Floor Area Unit = "sqft", then Total Floor Area (sqft) = Total Floor Area.

If Total Floor Area Unit = "m2", then Total Floor Area (sqft) = Total Floor Area × 10.76391042.

- **Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)**

Input Fields

- Market-Based Electricity from Biomass (kWh) (MktBasedElectrFrBiomassInKwh)
- Market-Based Electricity from Geothermal (kWh) (MktBsdElectrFrGeothermalInKwh)
- Market-Based Electricity from Hydro (kWh) (MktBasedElectrFromHydroInKwh)
- Market-Based Electricity from Solar (kWh) (MktBasedElectrFromSolarInKwh)
- Market-Based Electricity from Wind (kWh) (MktBasedElectrFromWindInKwh)

Calculations

Total Renewable Energy (kWh) = Market-Based Electricity from Biomass (kWh) + Market-Based Electricity from Geothermal (kWh) + Market-Based Electricity from Hydro (kWh) + Market-Based Electricity from Solar (kWh) + Market-Based Electricity from Wind (kWh)

Default Value

0

- **Total Renewable Energy Excluding Hydro (kWh) (TotRnwEnergyExclHydroInKwh)**

Input Fields

- Market-Based Electricity from Biomass (kWh) (MktBasedElectrFrBiomassInKwh)
- Market-Based Electricity from Geothermal (kWh) (MktBsdElectrFrGeothermalInKwh)
- Market-Based Electricity from Solar (kWh) (MktBasedElectrFromSolarInKwh)
- Market-Based Electricity from Wind (kWh) (MktBasedElectrFromWindInKwh)

Calculations

Total Renewable Energy Excluding Hydro (kWh) = Market-Based Electricity from Biomass (kWh) + Market-Based Electricity from Geothermal (kWh) + Market-Based Electricity from Solar (kWh) + Market-Based Electricity from Wind (kWh)

Default Value

0

- **Power Usage Effectiveness Monthly Range (IsPueMonthlyRange)**

Input Fields

- Power Usage Effectiveness (PowerUsageEffectiveness)
- Record Type

Calculations

If Record Type = "Data Center":

If Power Usage Effectiveness ≥ 1 and Power Usage Effectiveness ≤ 2 , then Power Usage Effectiveness Monthly Range = TRUE.

If Power Usage Effectiveness < 1 or Power Usage Effectiveness > 2 , then Power Usage Effectiveness Monthly Range = FALSE.

- **Normalized Monthly Electricity Consumption (kWh) (NormalizedMoElectrCnsmplnKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Fuel Type (FuelType)
- End Date (EndDate)
- Start Date (StartDate)

Calculations

Normalized Monthly Electricity Consumption (kWh) = Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") $\times [30/(\text{End Date} - \text{Start Date} + 1)]$

- **Location-Based Electricity from Biomass (kWh) (LocBasedElectrFrBiomasslnKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Biomass Mix Percentage (ElectricityEmssnFctrSet.LocationBasedBiomassMixPct)

Calculations

Location-Based Electricity from Biomass (kWh) = Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") $\times$ ElectricityEmssnFctrSet.Location-Based Biomass Mix Percentage/100

- **Location-Based Electricity from Coal (kWh) (LocBasedElectrFrCoallnKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Coal Mix Percentage (ElectricityEmssnFctrSet.LocationBasedCoalMixPct)

Calculations

Location-Based Electricity from Coal (kWh) = Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") $\times$ ElectricityEmssnFctrSet.Location-Based Coal Mix Percentage/100

- **Location-Based Electricity from Gas (kWh) (LocBasedElectrFrGaslnKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Gas Mix Percentage (ElectricityEmssnFctrSet.LocationBasedGasMixPct)

Calculations

Location-Based Electricity from Gas (kWh) = Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") × ElectricityEmssnFctrSet.Location-Based Gas Mix Percentage/100

- **Location-Based Electricity from Hydro (kWh) (LocBasedElectrFrHydroInKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Hydro Mix Percentage (ElectricityEmssnFctrSet.LocationBasedHydroMixPct)

Calculations

Location-Based Electricity from Hydro (kWh) = Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") × ElectricityEmssnFctrSet.Location-Based Hydro Mix Percentage/100

- **Location-Based Electricity from Nuclear (kWh) (LocBasedElectrFrNuclearInKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Nuclear Mix Percentage (ElectricityEmssnFctrSet.LocationBasedNuclearMixPct)

Calculations

Location-Based Electricity from Nuclear (kWh) = Total Fuel Consumption (kWh) (where FuelType = "Electricity") × Electricity Emissions Factor Set.Location-Based Nuclear Mix Percentage/100

- **Location-Based Electricity from Oil (kWh) (LocBasedElectrFrOilInKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Oil Mix Percentage (ElectricityEmssnFctrSet.LocationBasedOilMixPct)

Calculations

Location-Based Electricity from Oil (kWh) = Total Fuel Consumption (kWh) (where FuelType = "Electricity") × ElectricityEmssnFctrSet.Location-Based Oil Mix Percentage/100

- **Location-Based Electricity from Other Fuel (kWh) (LocBasedElectrFrOthrFuelInKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Other Fuel Mix Percentage (ElectricityEmssnFctrSet.LocationBasedOtherFuelMixPct)

Calculations

Location-Based Electricity from Other Fuel (kWh) = Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") × ElectricityEmssnFctrSet.Location-Based Other Fuel Mix Percentage/100

- **Location-Based Electricity from Solar (kWh) (LocBasedElectrFrSolarInKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Solar Mix Percentage (ElectricityEmssnFctrSet.LocationBasedSolarMixPct)

Calculations

Location-Based Electricity from Solar (kWh) = Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") × ElectricityEmssnFctrSet.Location-Based Solar Mix Percentage/100

- **Location-Based Electricity from Wind (kWh) (LocBasedElectrFrWindInKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Wind Mix Percentage (ElectricityEmssnFctrSet.LocationBasedWindMixPct)

Calculations

Location-Based Electricity from Wind (kWh) = Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") × ElectricityEmssnFctrSet.Location-Based Wind Mix Percentage/100

- **Location-Based Electricity from Non-Renewables (kWh) (LocBsdElectrFrNonRenewablesKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Location-Based Electricity from Biomass (kWh) (LocBasedElectrFrBiomassInKwh)
- Location-Based Electricity from Hydro (kWh) (LocBasedElectrFromHydroInKwh)
- Location-Based Electricity from Solar (kWh) (LocBasedElectrFromSolarInKwh)
- Location-Based Electricity from Wind (kWh) (LocBasedElectrFromWindInKwh)
- Location-Based Electricity from Geothermal (kWh) (LocBsdElectrFrGeothermalInKwh)

Calculations

Location-Based Electricity from Non-Renewable (kWh) = Total Fuel Consumption (kWh) – Location-Based Electricity from Biomass (kWh) – Location-Based Electricity from Hydro (kWh) – Location-Based Electricity from Solar (kWh) – Location-Based Electricity from Wind (kWh) – Location-Based Electricity from Geothermal (kWh)

- **Location-Based Electricity from Geothermal (kWh) (LocBsdElectrFrGeothermalInKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Geothermal Mix Percentage (ElectricityEmssnFctrSet.LocBasedGeothermalMixPct)

Calculations

Location-Based Electricity from Geothermal (kWh) = Total Fuel Consumption (kWh) (where FuelType = "Electricity") × ElectricityEmssnFctrSet.Location-Based Geothermal Mix Percentage/100

- **Location-Based Electricity from Other Fossil Fuel (kWh) (LocBsdElectrOthrFossilFuelKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Electricity Emissions Factor Set.Location-Based Other Fossil Fuel Mix Percentage (ElectricityEmssnFctrSet.LocBasedOtherFossilFuelMixPct)

Calculations

Location-Based Electricity from Other Fossil Fuel (kWh) = Total Fuel Consumption (kWh) (where FuelType = "Electricity") × ElectricityEmssnFctrSet.Location-Based Other Fossil Fuel Mix Percentage/100

- **Market-Based Electricity from Biomass (kWh) (MktBasedElectrFrBiomassInKwh)**

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)

- Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
- Renewable Energy Type Override (RenewableEnergyType)
- Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
- Allocated Energy Attribute Credits from Biomass (kWh) (AllocEnrgyAttrCrBiomass)
- Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Biomass Mix Percentage (MarketBasedBiomassMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Biomass Mix Percentage (MarketBasedBiomassMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)
 - Stationary Asset Energy Use (StnryAssetEnergyUseld)
- Energy Attribute Certificate Credit (EnergyAttrCertCredit)
- Energy Attribute Certificate Purchase (EnergyAttrCertPurchase)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Biomass (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctr.Market-Based Biomass Mix Percentage))
 else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Biomass Mix Percentage))
 else 0
- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Biomass (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctr.Market-Based Biomass Mix Percentage))
 else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Biomass Mix Percentage))
 else 0

- **Market-Based Electricity from Coal (kWh) (MktBasedElectrFromCoalInKwh)**

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type Override (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)

- Emissions Factor Type (EmissionsFactorType)
- Market-Based Coal Mix Percentage (MarketBasedCoalMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Coal Mix Percentage (MarketBasedCoalMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Coal (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Coal Mix Percentage))
 else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Coal Mix Percentage))
 else 0
- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Coal (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Coal Mix Percentage))
 else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Coal Mix Percentage))
 else 0

• Market-Based Electricity from Gas (kWh) (MktBasedElectrFromGasInKwh)

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type Override (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Gas Mix Percentage (MarketBasedGasMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Gas Mix Percentage (MarketBasedGasMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)
 - Stationary Asset Energy Use (StnryAssetEnergyUsed)
- Energy Attribute Certificate Credit (EnergyAttrCertCredit)
- Energy Attribute Certificate Purchase (EnergyAttrCertPurchase)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Gas (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Gas Mix Percentage)
 else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Gas Mix Percentage))
 else 0
- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object,
 if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Gas (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Gas Mix Percentage)
 else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Gas Mix Percentage))
 else 0

- **Market-Based Electricity from Hydro (kWh) (MktBasedElectrFromHydroInKwh)**

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type Override (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Hydroelectric Mix Percentage (MarketBasedHydroMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrld)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Hydroelectric Mix Percentage (MarketBasedHydroelectricMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Hydro (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Hydro Mix Percentage)
 else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Hydro Mix Percentage))
 else 0
- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Hydro (kWh) = [Total Fuel Consumption (kWh) (where

FuelType = "Electricity") – Allocated Energy Attribute Credits (kWh)]× (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Hydro Mix Percentage)

else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Hydro Mix Percentage))

else 0

- **Market-Based Electricity from Nuclear (kWh) (MktBasedElectrFrNuclearInKwh)**

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type Override (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Nuclear Mix Percentage (MarketBasedNuclearMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrld)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Nuclear Mix Percentage (MarketBasedNuclearMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Nuclear (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Nuclear Mix Percentage)
- else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Nuclear Mix Percentage))
- else 0
- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Nuclear (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Energy Attribute Credits (kWh)]× (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Nuclear Mix Percentage)
- else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Nuclear Mix Percentage))
- else 0

- **Market-Based Electricity from Oil (kWh) (MktBasedElectrFromOilInKwh)**

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)

- Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
- Renewable Energy Type Override (RenewableEnergyType)
- Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
- Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Oil Mix Percentage (MarketBasedOilMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Oil Mix Percentage (MarketBasedOilMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Oil (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Oil Mix Percentage))
 else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Oil Mix Percentage))
 else 0
- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Oil (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Oil Mix Percentage))
 else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Oil Mix Percentage))
 else 0

• Market-Based Electricity from Other Fuel (kWh) (MktBasedEnrgyFromOthrFuelInKwh)

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type Override (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Other Fuel Mix Percentage (MarketBasedOtherFuelMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)

- Market-Based Other Fuel Mix Percentage (MarketBasedOtherFuelMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Other Fuel (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Other Fuel Mix Percentage)
 else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Other Fuel Mix Percentage))
 else 0
- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Other Fuel (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Other Fuel Mix Percentage)
 else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Other Fuel Mix Percentage))
 else 0

• Market-Based Electricity from Solar (kWh) (MktBasedEnrgyFromSolarInKwh)

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type Override (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Allocated Energy Attribute Credits from Solar (kWh) (AllocEnrgyAttrCrSolar)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Solar Mix Percentage (MarketBasedSolarMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrld)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Solar Mix Percentage (MarketBasedSolarMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Solar (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrld.Market-Based Solar Mix Percentage)
 else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Solar Mix Percentage))
 else 0

- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Solar (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Solar Mix Percentage)

else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Solar Mix Percentage))

else 0

- **Market-Based Electricity from Wind (kWh) (MktBasedEnrgyFromWindInKwh)**

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type Override (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Allocated Energy Attribute Credits from Wind (kWh) (AllocEnrgyAttrCrWind)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Wind Mix Percentage (MarketBasedWindMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Wind Mix Percentage (MarketBasedWindMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Wind (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Wind Mix Percentage)

else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Wind Mix Percentage))

else 0

- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Wind (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Wind Mix Percentage)

else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Wind Mix Percentage))

else 0

- **Market-Based Electricity from Non-Renewables (kWh) (MktBsdEnrgyFrNonRenewablesKwh)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Market-Based Electricity from Biomass (kWh) (MktBasedElectrFrBiomassInKwh)
- Market-Based Electricity from Hydro (kWh) (MktBasedElectrFromHydroInKwh)
- Market-Based Electricity from Solar (kWh) (MktBasedElectrFromSolarInKwh)
- Market-Based Electricity from Wind (kWh) (MktBasedElectrFromWindInKwh)
- Market-Based Electricity from Geothermal (kWh) (MktBsdElectrFrGeothermalInKwh)

Calculations

Market-Based Electricity from Non-Renewables (kWh) = Total Fuel Consumption (kWh) – Market-Based Electricity from Biomass (kWh) – Market-Based Electricity from Hydro (kWh) – Market-Based Electricity from Solar (kWh) – Market-Based Electricity from Wind (kWh) – Market-Based Electricity from Geothermal (kWh)

- **Market-Based Electricity from Geothermal (kWh) (MktBsdEnrgyFromGeothermalInKwh)**

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Allocated Energy Attribute Credits from Geothermal (kWh) (AllocEnrgyAttrCrGeothermal)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmssnFctrSet)
 - Market-Based Geothermal Mix Percentage (MktBasedGeothermalMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type = "Geothermal", then Market-Based Electricity from Geothermal (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Renewable Energy (kWh)] × ElectricityEmssnFctrSet.Market-Based Geothermal Mix Percentage/100 + Allocated Renewable Energy (kWh)
 - If Renewable Energy Type != "Geothermal" && !Empty, then Market-Based Electricity from Geothermal (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Renewable Energy (kWh)] × ElectricityEmssnFctrSet.Market-Based Geothermal Mix Percentage/100
 - When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type == Empty (None), then Market-Based Electricity from Geothermal (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Energy Attribute Credits (kWh)] × ElectricityEmssnFctrSet.Market-Based Geothermal Mix Percentage/100 + Allocated Energy Attribute Credits from Geothermal (kWh)
 - If Renewable Energy Type Override != Empty, then Market-Based Electricity from Geothermal (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectrEmssnFctrId.Market-Based Geothermal Mix Percentage)
- else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Geothermal Mix Percentage))
- else 0

- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Geothermal (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Geothermal Mix Percentage)

else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Geothermal Mix Percentage))

else 0

- **Market-Based Electricity from Other Fossil Fuel (kWh) (MktBsdElectrOthrFossilFuelKwh)**

Input Fields

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Allocated Renewable Energy Override (kWh) (AllocatedRenewableEnergyInKwh)
 - Renewable Energy Type Override (RenewableEnergyType)
 - Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)
 - Allocated Energy Attribute Credits from Geothermal (kWh) (AllocEnrgyAttrCrGeothermal)
 - Fuel Type (FuelType)
- Electricity Emissions Factor Set (ElectricityEmissionFactorsId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Other Fossil Fuel Mix Percentage (MktBasedOtherFossilFuelMixPct)
- Market-Based Electricity Emissions Factors (MktBsdElectriEmssnFctrId)
 - Emissions Factor Type (EmissionsFactorType)
 - Market-Based Other Fossil Fuel Mix Percentage (MktBasedOtherFossilFuelMixPct)
- Energy Attribute Credit Distribution (EnergyAttrCreditDstr)

Calculations

- If Renewable Energy Type Override != Empty, then Market-Based Electricity from Other Fossil Fuel (kWh) = [Total Fuel Consumption (kWh) (where Fuel Type = "Electricity") – Allocated Renewable Energy (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Other Fossil Fuel Mix Percentage)

else if (Electricity Emissions Factors == LocationAndMarketBased or –None– (Electricity Emissions Factor Set.Market-Based Other Fossil Fuel Mix Percentage))

else 0

- When the renewable energy allocation is happening from the Energy Attribute Credit Distribution object, if Renewable Energy Type Override == Empty (None), then Market-Based Electricity from Other Fossil Fuel (kWh) = [Total Fuel Consumption (kWh) (where FuelType = "Electricity") – Allocated Energy Attribute Credits (kWh)] × (if Market-Based Electricity Emissions Factors != Empty (MktBsdElectriEmssnFctrId.Market-Based Other Fossil Fuel Mix Percentage)

else if (ElectricityEmissionFactorsId.Emissions Factor Type == LocationAndMarketBased or None (ElectricityEmissionFactorsId.Market-Based Other Fossil Fuel Mix Percentage))

else 0

- **Allocated Energy Attribute Credits (kWh) (AllocEnrgyAttrCrInKwh)**

Input Fields

- Allocated Energy Attribute Credits from Biomass (kWh) (AllocEnrgyAttrCrBiomassNumber)
- Allocated Energy Attribute Credits from Geothermal (kWh) (AllocEnrgyAttrCrGeothermalNumber)
- Allocated Energy Attribute Credits from Solar (kWh) (AllocEnrgyAttrCrSolarNumber)
- Allocated Energy Attribute Credits from Wind (kWh) (AllocEnrgyAttrCrWind)

Calculations

Allocated Energy Attribute Credits (kWh) = Allocated Energy Attribute Credits from Biomass (kWh) + Allocated Energy Attribute Credits from Geothermal (kWh) + Allocated Energy Attribute Credits from Wind (kWh) + Allocated Energy Attribute Credits from Solar (kWh)

- **Scope 3 Downstream Emissions (tCO₂e) (Scope3DnstrmEmissionsIntCO₂e)**

Input Fields

- Other Emissions Factors (OtherEmissionFactors)
- Supplemental Scope 3 Downstream Emissions (SuplScope3DnstrmEmissions)
- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Stationary Asset Environmental Source (StnryAssetEnvrSrc)
- Carbon Emissions Scope Allocation (CrbnEmssnScopeAllocId)

Calculations

If (StnryAssetEnvrSrc.CrbnEmssnScopeAlloc.CrbnEmssnScopeAllocVal.FuelTypeAllocation value is one of these values

- Scope 3 Downstream
- Scope 3 Downstream Leased Assets
- Scope 3 End-of-Life Treatment of Sold Products
- Scope 3 Franchises
- Scope 3 Investments
- Scope 3 Processing of Sold Products
- Scope 3 Use of Sold Products

Then see the calculations for Scope 1 Emissions (tCO₂e)

Default Value

Scope3DnstrmEmissionsIntCO₂e = SuplScope3DnstrmEmissions

- **Scope 3 Upstream Emissions (tCO₂e) (Scope3UpstrmEmissionsIntCO₂e)**

Input Fields

- Other Emissions Factors (OtherEmissionFactors)
- Supplemental Scope 3 Upstream Emissions (SuplScope3UpstrmEmissions)
- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Stationary Asset Environmental Source (StnryAssetEnvrSrc)

Calculations

If (StnryAssetEnvrSrc.CrbnEmssnScopeAlloc.CrbnEmssnScopeAllocVal.FuelTypeAllocation value is one of these values

- Scope 3 Upstream
- Scope 3 Capital Goods

- Scope 3 Employee Commuting
- Scope 3 Fuel and Energy-Related Activities
- Scope 3 Purchased Goods and Services
- Scope 3 Upstream Leased Assets
- Scope 3 Waste Generated In Operations

Then see the calculations for Scope 1 Emissions (tCO₂e)

Default Value

Scope 3 Upstream Emissions (tCO₂e) = Supplemental Scope 3 Upstream Emissions

- **Scope 3 GHG Category (Scope3GhgCategory)**

Input Fields

- Stationary Asset Environmental Source (StnryAssetEnvrSrc)
- Carbon Emissions Scope Allocation (CrbnEmssnScopeAllocId)

Calculations

If(StnryAssetEnvrSrc.CrbnEmssnScopeAlloc.CrbnEmssnScopeAllocVal.FuelTypeAllocation value is one of these values

- Scope 3 Purchased Goods and Services
- Scope 3 Capital Goods
- Scope 3 Processing of Sold Products
- Scope 3 Upstream Leased Assets
- Scope 3 Fuel and Energy-Related Activities
- Scope 3 Employee Commuting
- Scope 3 End-of-Life Treatment of Sold Products
- Scope 3 Waste Generated In Operations
- Scope 3 Use of Sold Products
- Scope 3 Downstream Leased Assets
- Scope 3 Investments
- Scope 3 Franchises

then

Scope 3 GHG Category = CrbnEmssnScopeAllocVal.FuelTypeAllocation

else

Scope 3 GHG Category = null

- **CH₄ Emissions (kg) (Ch4EmissionsInKg)**

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Fuel Type (FuelType)
- Other Emissions Factor Set (OtherEmssnFctrSet)
- Other Emissions Factor Set Item (OtherEmssnFctrSetItem)

Fuel Type (FuelType)

CH₄ Emissions Factor (Ch4EmissionFactor)

- Electricity Emission Factor Set (ElectricityEmssnFctrSet)
CH4 Emissions Rate (tonnes/GWh) (Ch4EmissionRateInTgwh)

Calculations

If Fuel Type = "Electricity"

- $\text{CH4 Emissions (kg)} = \text{Total Fuel Consumption (kWh)} \times \text{ElectricityEmssnFctrSet.CH4 Emissions Rate (tonnes/GWh)} \times 1000/1000000.0$
Default = 0

For any fuel other than refrigerants and electricity

- If CH4 Emissions Factor is in energy units
 $\text{CH4 Emissions (kg)} = \text{Total Fuel Consumption (kWh)} \times \text{OtherEmissionFactor.OtherEmssnFctrSetItem.CH4 Emissions Factor where Fuel Type = OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type and OtherEmissionFactor.OtherEmssnFctrSetItem.CH4 Emissions Factor is converted to Kg/Kwh}$
- else CH4 Emissions (kg) = 0

• CO2 Emissions (kg) (Co2EmissionsInKg)

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Fuel Type (FuelType)
- Other Emissions Factor Set (OtherEmssnFctrSet)
- Other Emissions Factor Set Item (OtherEmssnFctrSetItem)
Fuel Type (FuelType)
CO2 Emissions Factor (Co2EmissionFactor)
- Electricity Emission Factor Set (ElectricityEmssnFctrSet)
CO2 Emissions Rate (tonnes/MWh) (Co2EmissionRateInTmwh)

Calculations

If Fuel Type = "Electricity"

- $\text{CO2 Emissions (kg)} = \text{Total Fuel Consumption (kWh)} \times \text{ElectricityEmssnFctrSet.CO2 Emissions Rate (tonnes/MWh)} \times 1000/1000.0$
Default = 0

For any fuel other than refrigerants and electricity

- If CO2 Emissions Factor is in energy units
 $\text{CO2 Emissions (kg)} = \text{Total Fuel Consumption (kWh)} \times \text{OtherEmissionFactor.OtherEmssnFctrSetItem.CO2 Emissions Factor where Fuel Type = OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type and OtherEmissionFactor.OtherEmssnFctrSetItem.CO2 Emissions Factor is converted to Kg/Kwh}$
- else CO2 Emissions (kg) = 0

• N2O Emissions (kg) (N2oEmissionsInKg)

Input Fields

- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Fuel Type (FuelType)
- Other Emissions Factor Set (OtherEmssnFctrSet)

- Other Emissions Factor Set Item (OtherEmssnFctrSetItem)
 - Fuel Type (FeType)
 - N2O Emissions Factor (N2oEmissionFactor)
- Electricity Emission Factor Set (ElectricityEmssnFctrSet)
 - N2O Emissions Rate (tonnes/GWh) (N2oEmissionRateInTgwh)

Calculations

If Fuel Type = "Electricity"

- $$\text{N2O Emissions (kg)} = \text{Total Fuel Consumption (kWh)} \times \text{ElectricityEmssnFctrSet.N2O Emissions Rate (tonnes/GWh)} \times \frac{1000}{1000000.0}$$

Default = 0

For any fuel other than refrigerants and electricity

- If N2O Emissions Factor is in energy units
 - $$\text{N2O Emissions (kg)} = \text{Total Fuel Consumption (kWh)} \times \text{OtherEmissionFactor.OtherEmssnFctrSetItem.N2O Emissions Factor}$$
 where Fuel Type = OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type and OtherEmissionFactor.OtherEmssnFctrSetItem.N2O Emissions Factor is converted to Kg/Kwh
- else N2O Emissions (kg) = 0

- **Fuel Consumption**

Inputs

- Occupied Floor Area (OccupiedFloorArea)
- Occupied Floor Area Unit (OccupiedFloorAreaUnit)
- Other Emission Factors (OtherEmissionFactors)
- Refrigerant Leakage Rate (kg/sqft) (RefrigerantLeakageRtInKgSqft)

Calculations

If (Fuel Type = "Refrigerant") and Fuel Consumption is NULL

then

$$\text{Fuel Consumption} = \text{Occupied Floor Area (converted to sqft)} \times \text{OtherEmissionFactors.Refrigerant Leakage Rate (kg/sqft)}$$

Vehicle Asset Energy Use

The Vehicle Asset Energy Use object represents the fuel consumption related to vehicles. The selected emissions factors on the energy use record control the calculation for scope 1 or scope 3 emissions for vehicles depending on whether the asset is company owned.

Allocate the default scope for the fuel. Depending on the scope, the relevant fields are populated and the other fields default to 0.

If you have not associated a scope allocation for a vehicle asset, then use the default scope allocations.

- If the asset is owned, then it is scope 1 emissions.
- If asset is not owned, then it is scope 3 downstream emissions.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Fuel Efficiency (mpg) (FuelEfficiencyInMpg)**

Input Fields

- Fuel Efficiency Unit (FuelEfficiencyUnit)
- Fuel Efficiency (FuelEfficiency)
- Conversion Constant - L per 100 km To mpg

Calculations

If Fuel Efficiency Unit = “Miles per Gallon”, then Fuel Efficiency (mpg) = Fuel Efficiency

If Fuel Efficiency Unit = “L per 100 km, then Fuel Efficiency (mpg) = 235.215/Fuel Efficiency

- **Aircraft Fuel Economy (gal/h) (AircraftFuelEconomyInGph)**

Input Fields

- Aircraft Fuel Economy (AircraftFuelEconomy)
- Aircraft Fuel Economy Unit (AircraftFuelEconomyUnit)
- Constant - Liters to UsGallons

Calculations

If Aircraft Fuel Economy Unit = “Gallons per Hour”, then Aircraft Fuel Economy (gal/h) = Aircraft Fuel Economy

If Aircraft Fuel Economy Unit = “Liters per Hour”, then Aircraft Fuel Economy (gal/h) = Aircraft Fuel Economy × 0.26417205

- **Total Fuel Consumption (Liters) (TotalFuelConsumptionInLiter)**

Input Fields

- If Record Type = “Private Jet”:
 - Fuel Consumption (FuelConsumption)
 - Fuel Consumption Unit (FuelConsumptionUnit)
 - Aircraft Fuel Economy (Gallons per Hour) (AircraftFuelEconomyInGph)
 - Flight Duration (Hours) (FlightDurationInHours)
 - Conversion constant - Liters to UsGallons
- If Record Type = “Fleet Vehicle”:

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

- Fuel Consumption (FuelConsumption)
- Fuel Consumption Unit (FuelConsumptionUnit)

Calculations

- If Record Type = “Private Jet”:
 - If Fuel Consumption! = 0, then Total Fuel Consumption (Liters) = Fuel Consumption converted to liters.
 - If Fuel Consumption = 0, then Total Fuel Consumption (Liters) = (Aircraft Fuel Economy (Gallons per Hour) × Flight Duration (Hours))/0.26417205.
- If Record Type = “Fleet Vehicle”:
 - If Fuel Consumption Unit = “UsGallons”, then Total Fuel Consumption (Liters) = Fuel Consumption/0.26417205.
 - If Fuel Consumption Unit = “Liters”, then Total Fuel Consumption (Liters) = Fuel Consumption.

- **Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)**

Input Fields

- Total Fuel Consumption (Liters) (TotalFuelConsumptionInLiter)
- Conversion constant - Liters to UsGallons

Calculations

Total Fuel Consumption (US Gallons) = Total Fuel Consumption (Liters) × 0.26417205

- **CH4 Emissions (kg) (Ch4EmissionsInKg)**

Input Fields

- If Record Type = “Private Jet”:
 - Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
 - Other Emissions Factors (OtherEmissionFactor)
- If Record Type = “Fleet Vehicle”:
 - Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
 - Fuel Efficiency (mpg) (FuelEfficiencyInMpg)
 - Other Emissions Factors (OtherEmissionFactor)
 - Fuel Type (FuelType)
 - Fuel Consumption (FuelConsumption)

Calculations

If Record Type = “Private Jet”, then

- CH4 Emissions (kg) = Total Fuel Consumption (US Gallons) × OtherEmissionFactor.OtherEmssnFctrSetItem.CH4 Emissions Factor (where Fuel Type = Jet Fuel and CH4 Emissions Factor converted to Kg/Gallon)

If Record Type = “Fleet Vehicle” and Fuel Type = “Diesel”, “Autogas/LPG”, “Biodiesel”, “Compressed Natural Gas (CNG)”, “Ethanol”, or “Gasoline”, and CH4 Emissions Factor unit is “g/Km” then

- CH4 Emissions (kg) = Total Fuel Consumption (US Gallons) × Fuel Efficiency (mpg) × 1.60934 × OtherEmissionFactor.OtherEmssnFctrSetItem.CH4 Emissions Factor (where Fuel Type = OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type and CH4 Emissions Factor converted to Kg/Km)

If Record Type = "Fleet Vehicle" and Fuel Type = "Diesel", "Autogas/LPG", "Biodiesel", "Compressed Natural Gas (CNG)", "Ethanol", "Gasoline" and CH4 Emissions Factor unit is NOT "g/Km" then

- CH4 Emissions (kg) = Total Fuel Consumption (US Gallons) * OtherEmissionFactor.CH4 Emissions Factor (convert to Kg/Gallon)

If Record Type = "Fleet Vehicle" and Fuel Type = "Electricity" then

- CH4 Emissions (kg) = Fuel Consumption * OtherEmissionFactor.CH4 Emissions Factor (where, OtherEmissionFactor.Fuel Type = Electricity and CH4 Emissions Factor converted to kg/Kwh)

If Record Type = "Fleet Vehicle" and Fuel Consumption = null and Fuel Efficiency (mpg) = null and Distance != null then

- CH4 Emissions (kg) = Distance Converted to Km * OtherEmissionFactor.CH4 Emissions Factor (where, Fuel Type = OtherEmissionFactor.Fuel Type and CH4 Emissions Factor converted to Kg/Km)

Default Value

0

• CO2 Emissions (kg) (Co2EmissionsInKg)

Input Fields

- If Record Type = "Private Jet":
 - Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
 - Other Emissions Factors (OtherEmissionFactor)
- If Record Type = "Fleet Vehicle":
 - Total Fuel Consumption (Liters) (TotalFuelConsumptionInLiter)
 - Other Emissions Factors (OtherEmissionFactor)
 - Fuel Type (FuelType)
 - Fuel Consumption (FuelConsumption)
 - CO2 Emissions (kg) (Co2EmissionsInKg)
 - Fuel Efficiency (FuelEfficiency)

Calculations

If Record Type = "Private Jet", then

- CO2 Emissions (kg) = Total Fuel Consumption (US Gallons) × OtherEmissionFactor.OtherEmssnFctrSetItem.CO2 Emissions Factor (where Fuel Type = Jet Fuel and CO2 Emissions Factor converted to Kg/Gallon)

If Record Type = "Fleet Vehicle" and Fuel Type = "Diesel", "Autogas/LPG", "Biodiesel", "Compressed Natural Gas (CNG)", "Ethanol", or "Gasoline", then

- CO2 Emissions (kg) = Total Fuel Consumption (Liters) × OtherEmissionFactor.OtherEmssnFctrSetItem.CO2 Emissions Factor (where Fuel Type = OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type and CO2 Emissions Factor converted to Kg/L)

If Record Type = "Fleet Vehicle" and Fuel Type = "Electricity" then

- CO2 Emissions (kg) = Fuel Consumption * OtherEmissionFactor.OtherEmssnFctrSetItem.CO2 Emissions Factor (where, OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type = "Electricity" and CO2 Emissions Factor converted to Kg/kwh)

- If Record Type = "Fleet Vehicle" and Fuel Type = "Electricity" and Fuel Consumption = null and Fuel Efficiency = null and Distance != null then

- CO2 Emissions (kg) = Distance Converted to Km * OtherEmissionFactor.OtherEmssnFctrSetItem.CO2 Emissions Factor (where, Fuel Type = OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type and CO2 Emissions Factor converted to Kg/km)

Default Value

0

- **N2O Emissions (kg) (N2oEmissionInKg)**

Input Fields

- If Record Type = "Private Jet":
 - Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
 - Other Emissions Factors (OtherEmissionFactor)
- If Record Type = "Fleet Vehicle":
 - Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
 - Fuel Efficiency (mpg) (FuelEfficiencyInMpg)
 - Other Emissions Factors (OtherEmissionFactor)
 - Fuel Type (FuelType)

Calculations

If Record Type = "Private Jet", then

- $N2O \text{ Emissions (kg)} = \text{Total Fuel Consumption (US Gallons)} \times \text{OtherEmissionFactor.OtherEmssnFctrSetItem.N2O Emissions Factor}$
(where Fuel Type = Jet Fuel and N2O Emissions Factor converted to Kg/Gallon)

If Record Type = "Fleet Vehicle" and Fuel Type = "Diesel", "Autogas/LPG", "Biodiesel", "Compressed Natural Gas (CNG)", "Ethanol", or "Gasoline" and N2O Emissions Factor unit is "g/Km", then

- $N2O \text{ Emissions (kg)} = \text{Total Fuel Consumption (US Gallons)} \times \text{Fuel Efficiency (mpg)} \times 1.60934 \times \text{OtherEmissionFactor.OtherEmssnFctrSetItem.N2O Emissions Factor}$
(where Fuel Type = OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type and N2O Emissions Factor converted to Kg/Km)

If Record Type = "Fleet Vehicle" and Fuel Type = "Diesel", "Autogas/LPG", "Biodiesel", "Compressed Natural Gas (CNG)", "Ethanol", or "Gasoline" and N2O Emissions Factor unit is NOT "g/Km", then

- $N2O \text{ Emissions (kg)} = \text{Total Fuel Consumption (US Gallons)} \times \text{OtherEmissionFactor.OtherEmssnFctrSetItem.N2O Emissions Factor}$
(where N2O Emissions Factor converted to Kg/Gallon)

if(Total Fuel Consumption (US Gallons) = null && Fuel Efficiency (mpg) = null && Distance != null) then

- $N2O \text{ Emissions (kg)} = \text{Distance} * \text{OtherEmissionFactor.OtherEmssnFctrSetItem.N2O Emissions Factor}$ (where, FuelType = OtherEmissionFactor.Fuel Type and N2O Emissions Factor converted to Kg/km)

If Record Type = "Fleet Vehicle" and FuelType = "Electricity" then

- $N2O \text{ Emissions (kg)} = \text{Fuel Consumption} * \text{OtherEmissionFactor.OtherEmssnFctrSetItem.N2O Emissions Factor}$ (convert to Kg/Kwh)

If Record Type = "Fleet Vehicle" and Fuel Consumption = null and Fuel Efficiency (mpg) = null and Distance != null then

- $N2O \text{ Emissions (kg)} = \text{Distance Converted to Km} * \text{OtherEmissionFactor.OtherEmssnFctrSetItem.N2O Emissions Factor}$ (where, Fuel Type = OtherEmissionFactor.OtherEmssnFctrSetItem.Fuel Type and N2O Emissions Factor converted to Kg/Km)

Default Value

0

- **Scope 1 Emissions (tCO2e) (Scope1EmissionsInTco2e)**

Input Fields

- If Record Type = "Private Jet":
 - Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)

- Other Emissions Factors (OtherEmssnFctr)
- Supplemental Scope 1 Emissions (SuplScope1Emissions)
- If Record Type = “Fleet Vehicle”:
 - N2O Emissions (kg) (N2oEmissionsInKg)
 - CO2 Emissions (kg) (Co2EmissionsInKg)
 - CH4 Emissions (kg) (Ch4EmissionsInKg)
 - Other Emissions Factors (OtherEmssnFctr)
 - Supplemental Scope 1 Emissions (SuplScope1Emissions)
 - Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
 - Fuel Consumption (FuelConsumption)

Calculations

If the scope allocation for this energy use record is scope 1, then perform this calculation.

If the scope allocation field is empty, then check, if Company-Owned Asset = true then Scope 1 else if not owned then Scope 3.

- If Record Type = “Private Jet”, then Scope 1 Emissions (tCO2e) = Total Fuel Consumption (US Gallons) × [OtherEmssnFctr.OtherEmssnFctrSetItem.CO2 Emissions Factor (convert to Kg/Gal) + OtherEmssnFctr.OtherEmssnFctrSetItem.CH4 Emissions Factor (convert to Kg/Gal) × OtherEmssnFctr.CH4 Global Warming Potential + OtherEmssnFctr.OtherEmssnFctrSetItem.N2O Emissions Factor (convert to Kg/Gal) × OtherEmssnFctr.N2O Global Warming Potential]/1000 + Supplemental Scope 1 Emissions
- If Record Type = “Fleet Vehicle”, then Scope 1 Emissions (tCO2e) = CO2 Emissions (kg)/1000 + CH4 Emissions (kg)/1000 × OtherEmssnFctr.CH4 Global Warming Potential + N2O Emissions (kg)/1000 × OtherEmssnFctr.N2O Global Warming Potential + Supplemental Scope 1 Emissions

If Supplied CO2e Emissions Factor is null, then

- If Record Type = “Private Jet”, then

Scope 1 Emissions (tCO2e) = Total Fuel Consumption (US Gallons) × [OtherEmssnFctr.OtherEmssnFctrSetItem.CO2 Emissions Factor (convert to Kg/Gal) + OtherEmssnFctr.OtherEmssnFctrSetItem.CH4 Emissions Factor (convert to Kg/Gal) × OtherEmssnFctr.CH4 Global Warming Potential + OtherEmssnFctr.OtherEmssnFctrSetItem.N2O Emissions Factor (convert to Kg/Gal) × OtherEmssnFctr.N2O Global Warming Potential]/1000 + Supplemental Scope 1 Emissions
- If Record Type = “Fleet Vehicle”, then

Scope 1 Emissions (tCO2e) = CO2 Emissions (kg)/1000 + CH4 Emissions (kg)/1000 × OtherEmssnFctr.CH4 Global Warming Potential + N2O Emissions (kg)/1000 × OtherEmssnFctr.N2O Global Warming Potential + Supplemental Scope 1 Emissions.

If Supplied CO2e Emissions Factor isn't null, then

- If Record Type = “Private Jet”, then

Scope 1 Emissions (tCO2e) = Total Fuel Consumption (US Gallons) × OtherEmssnFctr.OtherEmssnFctrSetItem.Supplied CO2e Emissions Factor (convert to Kg/Gal)/1000 + Supplemental Scope 1 Emissions.
- If Record Type = “Fleet Vehicle”, then
 - if(Fuel Consumption != null) then
 - if (FuelType != Electricity) then Scope 1 Emissions (tCO2e) = Total Fuel Consumption (US Gallons) × OtherEmssnFctr.OtherEmssnFctrSetItem.Supplied CO2e Emissions Factor (convert to Kg/Gal)/1000 + Supplemental Scope 1 Emissions

else Scope 1 Emissions (tCO₂e) = Fuel Consumption × OtherEmssnFctr.OtherEmssnFctrSetItem.Supplied CO₂e Emissions Factor (convert to Kg/Kwh)/1000 + Supplemental Scope 1 Emissions

- else if (Distance != null) then Scope 1 Emissions (tCO₂e) = Distance (in km) × OtherEmssnFctr.OtherEmssnFctrSetItem.Supplied CO₂e Emissions Factor (convert to Kg/Km)/1000 + Supplemental Scope 1 Emissions

Default Value

Scope 1 Emissions (tCO₂e) = Supplemental Scope 1 Emissions

- **Scope 2 Location-Based Emissions (tCO₂e) (Scope2LocBasedEmssnInTco2e)**

Input values

- Supplemental Scope 2 Location-Based Emissions (tCO₂e) (SuplScope2LocationBasedEmssn)
- Carbon Emissions Scope Allocation (CrbnEmssnScopeAlloc)

Calculations are same as Scope 1 Emissions (tCO₂e) (include correct supplemental emissions), but will hold a value only if Carbon Emissions Scope Allocation = "Scope 2"

Default Value

Scope 2 Location-Based Emissions (tCO₂e) = Supplemental Scope 2 Location-Based Emissions

- **Scope 2 Market-Based Emissions (tCO₂e) (Scope2MktBasedEmssnInTco2e)**

Input values

- Supplemental Scope 2 Market-Based Emissions (tCO₂e) (SuplScope2MarketBasedEmssn)
- Carbon Emissions Scope Allocation (CrbnEmssnScopeAlloc)

Calculations are same as Scope 1 Emissions (tCO₂e) (include correct supplemental emissions), but will hold a value only if Carbon Emissions Scope Allocation = "Scope 2"

Default Value

Scope 2 Market-Based Emissions (tCO₂e) = Supplemental Scope 2 Market-Based Emissions

- **Scope 3 Downstream Emissions (tCO₂e) (Scope3DnstrmEmissionsInTco2e)**

Input values

- Supplemental Scope 3 Downstream Emissions (SuplScope3DnstrmEmissions)
- Vehicle Asset Emissions Source (VehicleAssetEmssnSrc)
 - Carbon Emissions Scope Allocation (CrbnEmssnScopeAlloc)

Calculations are same as Scope 1 Emissions (tCO₂e) (include correct supplemental emissions), but will hold a value only if VehicleAssetEmssnSrc.Carbon Emissions Scope Allocation = "Scope 3 Downstream" or "Scope 3 Downstream Transportation and Distribution" or "Scope 3 Downstream Leased Assets"

Default Value

Scope 3 Downstream Emissions (tCO₂e) = Supplemental Scope 3 Downstream Emissions

- **Scope 3 Upstream Emissions (tCO₂e) (Scope3UpstrmEmissionsInTco2e)**

Input values

- Supplemental Scope 3 Upstream Emissions (SuplScope3UpstrmEmissions)
- Vehicle Asset Emissions Source (VehicleAssetEmssnSrc)

- Carbon Emissions Scope Allocation (CrbnEmssnScopeAlloc)

Calculations are same as Scope 1 Emissions (tCO2e) (include correct supplemental emissions), but will hold a value only if VehicleAssetEmssnSrc.Carbon Emissions Scope Allocation = "Scope 3 Upstream" or "Scope 3 Employee Commuting" or "Scope 3 Business Travel" or "Scope 3 Upstream Transportation and Distribution"

Default Value

Scope 3 Upstream Emissions (tCO2e) = Supplemental Scope 3 Upstream Emissions

- **Scope 3 GHG Category (Scope3GhgCategory)**

Input values

- Vehicle Asset Emissions Source (VehicleAssetEmssnSrc)
 - Carbon Emissions Scope Allocation (CrbnEmssnScopeAlloc)

Calculations

if VehicleAssetEmssnSrc.Carbon Emissions Scope Allocation = "Employee Commuting" or "Business Travel" or Upstream Transportation and Distribution" or "Downstream Transportation and Distribution" or "Downstream Leased Asset" then

Scope 3 GHG Category = VehicleAssetEmssnSrc.Carbon Emissions Scope Allocation

else

Scope 3 GHG Category = null

- **Fuel Efficiency (FuelEfficiency) and Fuel Efficiency Unit (FuelEfficiencyUnit)**

Input Fields

- Fuel Efficiency (FuelEfficiency)
- Fuel Efficiency Unit (FuelEfficiencyUnit)
- Fuel Consumption (FuelConsumption)
- Fuel Consumption Unit (FuelConsumptionUnit)
- Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
- Total Fuel Consumption (Liters) (TotalFuelConsumptionInLiter)
- Distance (Distance)
- Distance Unit (DistanceUnit)

Calculations

If (Record Type = "Fleet Vehicle")

- If Fuel Efficiency = null then calculate the fuel efficiency
- If fuel efficiency and distance traveled exist, update the Fuel Efficiency user input with the calculated value based on distance traveled and fuel consumption
- If Distance Unit = "Miles":
 - Fuel Efficiency = Distance/Total Fuel Consumption (US Gallons)
 - Fuel Efficiency Unit = "Miles per Gallon"
- If Distance Unit = "Kilometers":
 - Fuel Efficiency = Total Fuel Consumption (Liters) × 100/Distance
 - Fuel Efficiency Unit = "L per 100 km"

If Fuel Efficiency is provided and the distance isn't provided, don't override user input.

- **Distance (Distance) and Distance Unit (DistanceUnit)**

Input Fields

- Fuel Efficiency (FuelEfficiency)
- Fuel Efficiency Unit (FuelEfficiencyUnit)
- Fuel Consumption (FuelConsumption)
- Fuel Consumption Unit (FuelConsumptionUnit)
- Total Fuel Consumption (US Gallons) (TotalFuelConsumptionInGal)
- Total Fuel Consumption (Liters) (TotalFuelConsumptionInLiter)
- Distance (Distance)
- Distance Unit (DistanceUnit)

Calculations

- If the user has provided a value, don't override it.
- If the value is null, then update the field with the calculated value.
- If Fuel Efficiency Unit = "Miles per Gallon":
 - $\text{Distance} = \text{Fuel Efficiency} \times \text{Total Fuel Consumption (US Gallons)}$
 - Distance Unit = "Miles"
- If Fuel Efficiency Unit = "L per 100 km":
 - $\text{Distance} = (1/\text{Fuel Efficiency}) \times 100 \times \text{Total Fuel Consumption (Liters)}$
 - Distance Unit = "Kilometers"
- If Fuel Type = Electricity, Fuel Efficiency is not relevant and can't be used to calculate Fuel Consumption
- The user must input Fuel Type, Fuel Consumption, and Fuel Consumption Unit to calculate emissions. If the user also enters Distance and Distance Unit, the Fuel Efficiency and Fuel Efficiency Unit are calculated using the following formulas:
 - If Distance Unit = "Miles":
 - $\text{Fuel Efficiency} = \text{Distance} / \text{Total Fuel Consumption in Gallons}$
 - Fuel Efficiency Unit = "Miles per Gallon"
 - If Distance Unit = "Kilometers":
 - $\text{Fuel Efficiency} = \text{Total Fuel Consumption in Liters} * 100 / \text{Distance}$
 - Fuel Efficiency Unit = "L per 100 km"

- **Fuel Consumption**

Input Fields

- Fuel Efficiency (FuelEfficiency)
- Fuel Efficiency Unit (FuelEfficiencyUnit)
- Distance (Distance)
- Distance Unit (DistanceUnit)

Outputs

- Fuel Consumption (FuelConsumption)

- Fuel Consumption Unit (FuelConsumptionUnit)

Calculations

- if Record Type = "Fleet Vehicle"
 - If Fuel Efficiency Unit = "Miles per Gallon" and Distance Unit = "Miles"
Fuel Consumption = Distance / Fuel Efficiency(in mpg) Fuel Consumption Unit = "UsGallons"
 - If Fuel Efficiency Unit = "L per 100 km" and Distance Unit = "Kilometers"
Fuel Consumption = (Distance * Fuel Efficiency)/100 Fuel Consumption Unit = "Liters"
 - If Record Type = "Fleet Vehicle" and Distance != null and Fuel Efficiency = null
Fuel Consumption can't be calculated in this case with only Distance field
 - If Fuel Type = Electricity, Fuel Efficiency is not relevant and cannot be used to calculate Fuel Consumption

Scope 3 Procurement Summary

The Scope 3 Procurement Summary object represents the amount that the organization spends for one procurement category. Scope 3 procurement summary quantifies the effect on atmospheric warming, represented in tonnes of carbon dioxide equivalent (tCO₂e) by using a matched emissions factor from an associated Procurement Emissions Factor Item record.

Here are some general rules for scope 3 procurement summary:

- The currency in the inflation rate record must match the currency in the scope 3 procurement summary.
- Inflation rates are required for the years between the scope 3 procurement summary calendar year and the emissions factor scope 3 year.
- If the required inflation rates aren't available, the app permits the scope 3 procurement summary to be related to the emissions factor scope 3 dataset.
- When the scope 3 procurement summary and the emissions factor scope 3 dataset have the same year, the current inflation rate is 0%.
- When the scope 3 procurement summary year is later than the emissions factor scope 3 dataset, the current Inflation rate is calculated by using the years of the emissions factor scope 3 dataset through the year before the scope 3 procurement summary:

```
Current Inflation Rate =  
  
( 1 + Inflation Rate Year 1 Inflation Rate )  
× ( 1 + Inflation Rate Year 2 Inflation Rate )  
× ( 1 + Inflation Rate Year 3 Inflation Rate ) - 1
```

Here's an example of the current inflation rate by using the years of the emissions factor scope 3 dataset.

Year	Inflation Rate %	1 + Inflation Rate per year
2013	0.0146480000	
2014	0.0162220000	1.0162220000
2015	0.0011860000	1.0174272393

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited, and Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Year	Inflation Rate %	1 + Inflation Rate per year
2016	0.012616000	1.0302631013
2017	0.021301000	1.0522087357
2018	0.0244260000	1.0779099862
2019	0.018122000	1.0974438710
2020	0.012336000	1.1109819

If Emissions Factor year is 2013 and Dataset is 2020

Current Inflation Rate = (Inflation for 2020 - 1) * 100 = 11.0982

- When the scope 3 procurement summary year is earlier than the emissions factor scope 3 dataset, the current inflation rate is calculated by using the years of the scope 3 procurement summary through the year before the emissions factor scope 3 dataset:

```
Current Inflation Rate =
-1 × ( ( 1 + Inflation Rate Year 1 Inflation Rate )
      × ( 1 + Inflation Rate Year 2 Inflation Rate )
      × ( 1 + Inflation Rate Year 3 Inflation Rate ) - 1 )
```

Here are the calculated fields:

- Scope 3 Emissions from Business Travel (tCO₂e) (Scp3EmssnBusinessTravel)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Business Travel (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Business Travel"

- Scope 3 Emissions from Capital Goods (tCO₂e) (Scp3EmssnCapitalGood)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Capital Goods (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Capital Goods"

- Scope 3 Emissions from Downstream Leased Asset (tCO₂e) (Scp3EmssnDnstrmLeasedAsset)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)

- Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Downstream Leased Asset (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Downstream Leased Assets"

• Scope 3 Emissions from Downstream Transportation Distribution (tCO₂e) (Scp3EmssnDnstrmTrnspDistr)

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Downstream Transportation Distribution (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Downstream Transportation and Distribution"

• Scope 3 Emissions from End-Life Treatment of Sold Product (tCO₂e) (Scp3EmssnEndLifeSoldProdt)

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from End-Life Treatment of Sold Product (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "End-of-Life Treatment of Sold Products"

• Scope 3 Emissions from Franchise (tCO₂e) (Scp3EmssnFranchise)

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Franchise (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Franchises"

• Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e) (Scp3EmssnFuelEnergyActivity)

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Fuel and Energy-Related Activities"

- **Scope 3 Emissions from Investment (tCO₂e) (Scp3EmssnInvestment)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Investment (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Investments"

- **Scope 3 Emissions from Processing Sold Product (tCO₂e) (Scp3EmssnProcSoldProduct)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Processing Sold Product (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Processing of Sold Products"

- **Scope 3 Emissions from Purchased Goods Services (tCO₂e) (Scp3EmssnPurchGoodsService)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Purchased Goods Services (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Purchased Goods and Services"

- **Scope 3 Emissions from Upstream Leased Asset (tCO₂e) (Scp3EmssnUpstrmLeasedAsset)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Upstream Leased Asset (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Upstream Leased Assets"

- **Scope 3 Emissions from Upstream Transportation Distribution (tCO₂e) (Scp3EmssnUpstrmTrnspDistr)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)

- Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Upstream Transportation Distribution (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Upstream Transportation and Distribution"

- **Scope 3 Emissions from Use of Sold Product (tCO₂e) (Scp3EmssnUseOfSoldProduct)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Use of Sold Product (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Use of Sold Products"

- **Scope 3 Uncategorized Emissions (tCO₂e) (Scp3UncatgEmissions)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Uncategorized Emissions (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Uncategorized"

- **Scope 3 Emissions from Waste Generated in Operations (tCO₂e) (Scp3WasteGenInOper)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Waste Generated in Operations (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Waste Generated In Operations"

- **Scope 3 Emissions from Employee Commuting (tCO₂e) (ScpEmssnEmployeeCommuting)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)
 - Scope 3 GHG Category (Scope3GhgCategory)

Calculation

Scope 3 Emissions from Employee Commuting (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e)) where Scope3PcmtItem.Scope 3 GHG Category = "Employee Commuting"

- **Total Scope 3 Downstream Emissions (tCO₂e) (TotalScp3DnstrmEmissions)**

Input Fields

- Scope 3 Emissions from Downstream Transportation Distribution (tCO₂e) (Scp3EmssnDnstrmTrnspDistr)
- Scope 3 Emissions from Processing Sold Product (tCO₂e) (Scp3EmssnProcSoldProduct)
- Scope 3 Emissions from Use of Sold Product (tCO₂e) (Scp3EmssnUseOfSoldProduct)
- Scope 3 Emissions from End-Life Treatment of Sold Product (tCO₂e) (Scp3EmssnEndLifeSoldProd)
- Scope 3 Emissions from Downstream Leased Asset (tCO₂e) (Scp3EmssnDnstrmLeasedAsset)
- Scope 3 Emissions from Franchise (tCO₂e) (Scp3EmssnFranchise)
- Scope 3 Emissions from Investment (tCO₂e) (Scp3EmssnInvestment)

Calculation

Total Scope 3 Downstream Emissions (tCO₂e) = SUM(Scope 3 Emissions from Downstream Transportation Distribution (tCO₂e), Scope 3 Emissions from Processing Sold Product (tCO₂e), Scope 3 Emissions from Use of Sold Product (tCO₂e), Scope 3 Emissions from End-Life Treatment of Sold Product (tCO₂e), Scope 3 Emissions from Downstream Leased Asset (tCO₂e), Scope 3 Emissions from Franchise (tCO₂e), Scope 3 Emissions from Investment (tCO₂e))

- **Total Scope 3 Emissions (tCO₂e) (TotalScp3Emissions)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
 - Final Scope 3 Emissions (tCO₂e)(Scope3EmissionsInTco2)

Calculation

Total Scope 3 Emissions (tCO₂e) = SUM(Scope3PcmtItem.Final Scope 3 Emissions (tCO₂e))

- **Total Scope 3 Upstream Emissions (tCO₂e) (TotalScp3UpstrmEmissions)**

Input Fields

- Scope 3 Emissions from Purchased Goods Services (tCO₂e) (Scp3EmssnPurchGoodsService)
- Scope 3 Emissions from Capital Goods (tCO₂e) (Scp3EmssnCapitalGood)
- Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e) (Scp3EmssnFuelEnergyActivity)
- Scope 3 Emissions from Upstream Transportation Distribution (tCO₂e) (Scp3EmssnUpstrmTrnspDistr)
- Scope 3 Emissions from Waste Generated in Operations (tCO₂e) (Scp3WasteGenInOper)
- Scope 3 Emissions from Business Travel (tCO₂e) (Scp3EmssnBusinessTravel)
- Scope 3 Emissions from Employee Commuting (tCO₂e) (ScpEmssnEmployeeCommuting)
- Scope 3 Emissions from Upstream Leased Asset (tCO₂e) (Scp3EmssnUpstrmLeasedAsset)

Calculation

Total Scope 3 Upstream Emissions (tCO₂e) = SUM(Scope 3 Emissions from Purchased Goods Services (tCO₂e), Scope 3 Emissions from Capital Goods (tCO₂e), Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e), Scope 3 Emissions from Upstream Transportation Distribution (tCO₂e), Scope 3 Emissions from Waste Generated in Operations (tCO₂e), Scope 3 Emissions from Business Travel (tCO₂e), Scope 3 Emissions from Employee Commuting (tCO₂e), Scope 3 Emissions from Upstream Leased Asset (tCO₂e))

- **Total Spent Amount (TotalSpentAmount)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)

- Spent Amount (SpentAmount)

Calculation

Total Spent Amount = SUM(Scope3PcmtItem.Spent Amount)

- **Inflation Rate (InflationRate)**

Input Fields

- Inflation Rate Override (InflationRateOverride)
- Current Inflation Rate (InflationRateCalculated)

- **Calculation**

If (InflationRateOverride !=null) then

InflationRate = Inflation Rate Override

else

InflationRate = Current Inflation Rate

Scope 3 Procurement Item

The Scope 3 Procurement Item object represents the procurement (corporate spending) entry records. Procurement is the amount that an organization spends on goods and services.

Scope 3 Procurement Item

The Scope 3 Procurement Item object represents the procurement (corporate spending) entry records. Procurement is the amount that an organization spends on goods and services.

The Scope 3 Emissions Calculation Type decides whether the emissions data comes from vendor-provided figures, scorecards, or calculated estimates, thereby impacting the values displayed.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Final Scope 3 Emissions (tCO2e) (Scope3EmissionsInTco2)**

Input Fields

- Scope 3 Spend-Based Emissions (tCO2e) (CalculatedScope3EmssnInTco2e)
- Vendor-Provided Scope 3 Emissions (tCO2e) (VendorPrvdScope3EmssnInTco2e)

Calculations

If Vendor-Provided Scope 3 Emissions (tCO2e) != 0, then Final Scope 3 Emissions (tCO2e) = Vendor-Provided Scope 3 Emissions (tCO2e)

else, Final Scope 3 Emissions (tCO2e) = Scope 3 Spend-Based Emissions (tCO2e)

- **Scope 3 Spend-Based Emissions (tCO2e) (CalculatedScope3EmssnInTco2e)**

Input Fields

- Total Spent Amount (SpentAmount)
- Scope 3 Procurement Summary (Scope3PcmtSummary).Inflation Rate (InflationRate)

- Total Scope 3 Emissions per Million Spent (tCO₂e) (TotSce3EmssnPerMillionSpent)

Calculations

If Scope3PcmtSummary.Inflation Rate < 0, then Scope 3 Spend-Based Emissions (tCO₂e) = Spent Amount / 1000000 × Total Scope 3 Emissions per Million Spent (tCO₂e) × (1 - Scope3PcmtSummary.Inflation Rate).

If Scope3PcmtSummary.Inflation Rate >= 0, then Scope 3 Spend-Based Emissions (tCO₂e) = Spent Amount / 1000000 × Total Scope 3 Emissions per Million Spent (tCO₂e) / (1 + Scope3PcmtSummary.Inflation Rate).

- **Scope 3 Quantity-Based Emissions (tCO₂e) (Scp3QtyBsdEmssnInTco2e)**

Input Fields

- Scope 3 Emissions Calculation Type (Scope3EmissionsCalculationType)
- Purchase Quantity (PurchaseQuantity)
- Product Emissions Factor (ProductEmissionsFactorId)

Calculations

If Scope3EmissionsCalculationType = 'Quantity-Based Emissions' then Scope 3 Quantity-Based Emissions (tCO₂e) = PurchaseQuantity × ProductEmissionsFactorId for tCO₂e

- **Total Scope 3 Emissions per Million Spent (tCO₂e) (TotSce3EmssnPerMillionSpent)**

Input Fields

Procurement Emissions Factor Set Item (PcmtEmssnFctrSetItem)

Calculations

Total Scope 3 Emissions per Million Spent (tCO₂e) = PcmtEmssnFctrSetItem.Total Scope 3 Emissions per Million Spent (tCO₂e)

- **Scope 3 Uncategorized Emissions (tCO₂e) (Scp3UncatgEmissions)**

Input Fields

- Scope 3 GHG Category (Scope3GhgCategory)
- Final Scope 3 Emissions (tCO₂e)

Calculations

If Scope 3 GHG Category = "Uncategorized", then Scope 3 Uncategorized Emissions (tCO₂e) = Scope 3 Emissions (tCO₂e).

else Scope 3 Uncategorized Emissions (tCO₂e) = 0

Default Value

0

- **Allocated Scorecard Emissions (tCO₂e) (FinalScorecardEmissions)**

Input Fields

- Sustainability Scorecard (SustainabilityScorecard)
 - Scope 3 Emissions Calculation Measure (Scope3EmssnCalculationMeasure)
 - Company Annual Expenditure Emissions (CompanyAnnualExpenditureEmssn)
 - Supplier Provided Emissions (SupplierProvidedEmissions)
 - Percentage Based Emissions (PercentageBasedEmissions)
 - Supplier Annual Revenue Emissions (SupplierAnnualRevenueEmissions)

Calculations

If SustainabilityScorecard.Scope 3 Emissions Calculation Measure = "Spend Based"

Allocated Scorecard Emissions (tCO2e) = Company Annual Expenditure Emissions

If SustainabilityScorecard.Scope 3 Emissions Calculation Measure = "Supplier Provided"

Allocated Scorecard Emissions (tCO2e) = Supplier Provided Emissions

If SustainabilityScorecard.Scope 3 Emissions Calculation Measure = "Percentage Based"

Allocated Scorecard Emissions (tCO2e) = Percentage Based Emissions

If SustainabilityScorecard.Scope 3 Emissions Calculation Measure = "Revenue Based"

Allocated Scorecard Emissions (tCO2e) = Supplier Annual Revenue Emissions

Emissions Factor Records

You can complete the emissions calculations by using the energy use records and applying the relevant emissions factors. The supplied values, such as refrigerant leakage rate, are industry standard averages that Salesforce uses in its own calculations, but you can also use your own.

Air Travel Emission Factor

The Air Travel Emission Factor object represents the emissions factors for scope 3 commercial air travel.

Electricity Emissions Factor Set

The Electricity Emissions Factor Set object represents the factors that are used to convert electricity usage into CO₂e, CO₂, CH₄, and N₂O values. This record holds data on the breakdown of sources of electricity by fuel type (grid mixes).

Other Emissions Factor Set

The Other Emissions Factor Set object represents a collection of emissions and conversion factors for various data types and sources that are neither the electricity grid nor scope 3 data types.

Rental Car Emission Factor

The Rental Car Emission Factor object represents the emissions factors for scope 3 rental car usage.

Waste Disposal Emissions Factor Set Item

The Waste Disposal Emissions Factor Set Item object represents the individual emissions factors for scope 3 waste handling based on the waste type and disposal type.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited, and Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Air Travel Emission Factor

The Air Travel Emission Factor object represents the emissions factors for scope 3 commercial air travel.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).



Note: If both miles and kms values are entered, the values in miles are given preference for calculations.

Here are the calculated fields:

- **CH4/Passenger-km for Long-Haul (kg CO2e) (Ch4PsgrKmLongHaulInKgCo2e)**

Input Fields

- CH4/Passenger-mile for Long-Haul (kg CO₂e) (Ch4PsgMileLongHaulInKgCo2e)

Calculations

If (CH4/Passenger-km Long-Haul (kg CO₂e) is null) then

CH4/Passenger-km Long-Haul (kg CO₂e) = CH4/Passenger-mile Long-Haul (kg CO₂e) / Conversion factor

- **CH4/Passenger-km for Medium-Haul (kg CO₂e) (Ch4PsgKmMediumHaulInKgCo2e)**

Input Fields

- CH4/Passenger-mile for Medium-Haul (kg CO₂e) (Ch4PsgMileMediumHaulInKgCo2e)

Calculations

If (CH4/Passenger-km medium-Haul (kg CO₂e) is null) then

CH4/Passenger-km medium-Haul (kg CO₂e) = CH4/Passenger-mile medium-Haul (kg CO₂e) / Conversion factor

- **CH4/Passenger-km for Short-Haul (kg CO₂e) (Ch4PsgKmShortHaulInKgCo2e)**

Input Fields

- CH4/Passenger-mile for Short-Haul (kg CO₂e) (Ch4PsgMileShortHaulInKgCo2e)

Calculations

If (CH4/Passenger-km Short-Haul (kg CO₂e) is null) then

CH4/Passenger-km Short-Haul (kg CO₂e) = CH4/Passenger-mile Short-Haul (kg CO₂e) / Conversion factor

- **CH4/Passenger-mile for Long-Haul (kg CO₂e) (Ch4PsgMileLongHaulInKgCo2e)**

Input Fields

- CH4/Passenger-km for Long-Haul (kg CO₂e) (Ch4PsgKmLongHaulInKgCo2e)

Calculations

If (CH4/Passenger-mile for Long-Haul (kg CO₂e) is null) then

CH4/Passenger-mile for Long-Haul (kg CO₂e) = CH4/Passenger-km for Long-Haul (kg CO₂e) × Conversion factor

- **CH4/Passenger-mile for Medium-Haul (kg CO₂e) (Ch4PsgMileMediumHaulInKgCo2e)**

Input Fields

- CH4/Passenger-km for Medium-Haul (kg CO₂e) (Ch4PsgKmMediumHaulInKgCo2e)

Calculations

If (CH4/Passenger-mile for Medium-Haul (kg CO₂e) is null) then

CH4/Passenger-mile for Medium-Haul (kg CO₂e) = CH4/Passenger-km for Medium-Haul (kg CO₂e) × Conversion factor

- **CH4/Passenger-mile for Short-Haul (kg CO₂e) (Ch4PsgMileShortHaulInKgCo2e)**

Input Fields

- CH4/Passenger-km for Short-Haul (kg CO₂e) (Ch4PsgKmShortHaulInKgCo2e)

Calculations

If (CH4/Passenger-mile for Short-Haul (kg CO₂e) is null) then

$\text{CH}_4/\text{Passenger-mile for Short-Haul (kg CO}_2\text{e)} = \text{CH}_4/\text{Passenger-km for Short-Haul (kg CO}_2\text{e)} \times \text{Conversion factor}$

- **N₂O/Passenger-km for Long-Haul (kg CO₂e) (N₂O_{PsgrKmLongHaul}InKgCo₂e)**

Input Fields

- N₂O/Passenger-mile for Long-Haul (kg CO₂e) (N₂O_{PsgrMileLongHaul}InKgCo₂e)

Calculations

If (N₂O/Passenger-km Long-Haul (kg CO₂e) is null) then

$\text{N}_2\text{O/Passenger-km Long-Haul (kg CO}_2\text{e)} = \text{N}_2\text{O/Passenger-mile Long-Haul (kg CO}_2\text{e)} / \text{Conversion factor}$

- **N₂O/Passenger-km for Medium-Haul (kg CO₂e) (N₂O_{PsgrKmMediumHaul}InKgCo₂e)**

Input Fields

- N₂O/Passenger-mile for Medium-Haul (kg CO₂e) (N₂O_{PsgrMileMediumHaul}InKgCo₂e)

Calculations

If (N₂O/Passenger-km Medium-Haul (kg CO₂e) is null) then

$\text{N}_2\text{O/Passenger-km Medium-Haul (kg CO}_2\text{e)} = \text{N}_2\text{O/Passenger-mile Medium-Haul (kg CO}_2\text{e)} / \text{Conversion factor}$

- **N₂O/Passenger-km for Short-Haul (kg CO₂e) (N₂O_{PsgrKmShortHaul}InKgCo₂e)**

Input Fields

- N₂O/Passenger-mile for Short-Haul (kg CO₂e) (N₂O_{PsgrMileShortHaul}InKgCo₂e)

Calculations

If (N₂O/Passenger-km Short-Haul (kg CO₂e) is null) then

$\text{N}_2\text{O/Passenger-km Short-Haul (kg CO}_2\text{e)} = \text{N}_2\text{O/Passenger-mile Short-Haul (kg CO}_2\text{e)} / \text{Conversion factor}$

- **N₂O/Passenger-mile for Long-Haul (kg CO₂e) (N₂O_{PsgrMileLongHaul}InKgCo₂e)**

Input Fields

- N₂O/Passenger-km for Long-Haul (kg CO₂e) (N₂O_{PsgrKmLongHaul}InKgCo₂e)

Calculations

If (N₂O/Passenger-mile Long-Haul (kg CO₂e) is null) then

$\text{N}_2\text{O/Passenger-mile Long-Haul (kg CO}_2\text{e)} = \text{N}_2\text{O/Passenger-km Long-Haul (kg CO}_2\text{e)} \times \text{Conversion factor}$

- **N₂O/Passenger-mile for Medium-Haul (kg CO₂e) (N₂O_{PsgrMileMediumHaul}InKgCo₂e)**

Input Fields

- N₂O/Passenger-km for Medium-Haul (kg CO₂e) (N₂O_{PsgrKmMediumHaul}InKgCo₂e)

Calculations

If (N₂O/Passenger-mile Medium-Haul (kg CO₂e) is null) then

$\text{N}_2\text{O/Passenger-mile Medium-Haul (kg CO}_2\text{e)} = \text{N}_2\text{O/Passenger-km Medium-Haul (kg CO}_2\text{e)} \times \text{Conversion factor}$

- **N₂O/Passenger-mile for Short-Haul (kg CO₂e) (N₂O_{PsgrMileShortHaul}InKgCo₂e)**

Input Fields

- N₂O/Passenger-km for Short-Haul (kg CO₂e) (N₂O_{PsgrKmShortHaul}InKgCo₂e)

Calculations

If (N2O/Passenger-mile Short-Haul (kg CO₂e) is null) then

$N2O/Passenger-mile\ Short-Haul\ (kg\ CO_2e) = N2O/Passenger-km\ Short-Haul\ (kg\ CO_2e) \times Conversion\ factor$

- **CO₂/Passenger-km for Long-Haul (kg) (Co2PsgrKmLongHaulInKg)**

Input Fields

- CO₂/Passenger-mile for Long-Haul (kg) (Co2PsgrMileLongHaulInKg)

Calculations

If (CO₂/Passenger-km Long-Haul (kg) is null) then

$CO_2/Passenger-km\ Long-Haul\ (kg) = CO_2/Passenger-mile\ Long-Haul\ (kg) / 1.60934$

- **CO₂/Passenger-km for Medium-Haul (kg) (Co2PsgrKmMediumHaulInKg)**

Input Fields

- CO₂/Passenger-mile for Medium-Haul (kg) (Co2PsgrMileMediumHaulInKg)

Calculations

If (CO₂/Passenger-km Medium-Haul (kg) is null) then

$CO_2/Passenger-km\ Medium-Haul\ (kg) = CO_2/Passenger-mile\ Medium-Haul\ (kg) / Conversion\ factor$

- **CO₂/Passenger-km for Short-Haul (kg) (Co2PsgrKmShortHaulInKg)**

Input Fields

- CO₂/Passenger-mile for Short-Haul (kg) (Co2PsgrMileShortHaulInKg)

Calculations

If (CO₂/Passenger-km Short-Haul (kg) is null) then

$CO_2/Passenger-km\ Short-Haul\ (kg) = CO_2/Passenger-mile\ Short-Haul\ (kg) / Conversion\ factor$

- **CO₂/Passenger-mile for Long-Haul (kg) (Co2PsgrMileLongHaulInKg)**

Input Fields

- CO₂/Passenger-km for Long-Haul (kg) (Co2PsgrKmLongHaulInKg)

Calculations

If (CO₂/Passenger-mile Long-Haul (kg) is null) then

$CO_2/Passenger-mile\ Long-Haul\ (kg) = CO_2/Passenger-km\ Long-Haul\ (kg) \times Conversion\ factor$

- **CO₂/Passenger-mile for Medium-Haul (kg) (Co2PsgrMileMediumHaulInKg)**

Input Fields

- CO₂/Passenger-km for Medium-Haul (kg) (Co2PsgrKmMediumHaulInKg)

Calculations

If (CO₂/Passenger-km Medium-Haul (kg) is null) then

$CO_2/Passenger-km\ Medium-Haul\ (kg) = CO_2/Passenger-mile\ Medium-Haul\ (kg) \times Conversion\ factor$

- **CO₂/Passenger-mile for Short-Haul (kg) (Co2PsgrMileShortHaulInKg)**

Input Fields

- CO2/Passenger-km for Short-Haul (kg) (Co2PsgRkmShortHaulInKg)

Calculations

If (CO2/Passenger-km Short-Haul (kg) is null) then

CO2/Passenger-km Short-Haul (kg) = CO2/Passenger-mile Short-Haul (kg) × Conversion factor

Electricity Emissions Factor Set

The Electricity Emissions Factor Set object represents the factors that are used to convert electricity usage into CO₂e, CO₂, CH₄, and N₂O values. This record holds data on the breakdown of sources of electricity by fuel type (grid mixes).

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

The renewable energy fields are the sum of biomass, geothermal, solar, wind, and hydroelectricity values.

Total Renewable Energy is also delineated into a total that includes hydroelectricity sources [Total Renewable Energy (kWh)] and a total that doesn't include Hydroelectricity sources [Total Renewable Energy Excluding Hydro (kWh)].

Here are the calculated fields:

- **CO2e Emissions Rate (tonnes/MWh) (Co2eEmissionRateInTmwh)**

Input Fields

- CH4 Emissions Rate (Ch4EmissionRate)
- CH4 Emissions Rate Unit (Ch4EmissionRateUnit)
- CO2 Emissions Rate (Co2EmissionRate)
- N2O Emissions Rate (N2oEmissionRate)
- N2O Emissions Rate Unit (N2oEmissionRateUnit)
- CO2e Emissions Rate (Co2eEmissionRate)
- CO2e Emissions Rate (tonnes/MWh) (Co2eEmissionRateInTmwh)
- CO2e Emissions Rate Unit (Co2eEmissionRateUnit)
- CH4 Emissions Rate (tonnes/GWh) (Ch4EmissionRateInTgwh)
- CO2 Emissions Rate (tonnes/MWh) (Co2EmissionRateInTmwh)
- N2O Emissions Rate (tonnes/GWh) (N2oEmissionRateInTgwh)
- Parent Emissions Factor (ParentEmissionFactor)
- Other Emission Factor Set (OtherEmssnFctrSet)
- CH4 Global Warming Potential (Ch4GlbIWarmingPot)
- N2O Global Warming Potential (N2oGlbIWarmingPot)

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Calculations

Convert CH4 Emissions Rate, CO2 Emissions Rate, N2O Emissions Rate to tonnes/MWh.

If (Co2eEmissionRate == null/0) then

CO2e Emissions Rate (tonnes/MWh) = CO2 Emissions Rate (tonnes/MWh) + CH4 Emissions Rate (tonnes/GWh) × OtherEmssnFctrSet.CH4 Global Warming Potential/1000 + N2O Emissions Rate (tonnes/GWh) × OtherEmssnFctrSet.N2O Global Warming Potential/1000

else

CO2e Emissions Rate (tonnes/MWh) = CO2e Emissions Rate × Conversion constant for tCO2e/MWh

- **CH4 Emissions Rate (tonnes/GWh) (Ch4EmissionRateInTgwh)**

Input Fields

- CH4 Emissions Rate (Ch4EmissionRate)
- CH4 Emissions Rate Unit (Ch4EmissionRateUnit)

Calculations

CH4 Emissions Rate (tonnes/GWh) = CH4 Emissions Rate × Conversion constant for tCO2e/GWh

- **CO2 Emissions Rate (tonnes/MWh) (Co2EmissionRateInTmwh)**

Input Fields

- CO2 Emissions Rate (Co2EmissionRate)
- CO2 Emissions Rate Unit (Co2EmissionRateUnit)

Calculations

CO2 Emissions Rate (tonnes/MWh) = CO2 Emissions Rate × Conversion constant for tCO2e/MWh

- **Market-Based CO2e Emissions Rate (tonnes/MWh) (MktBsdCo2eEmissionRateInTmwh)**

Input Fields

- Market-Based CO2e Emissions Rate (MktBsdCo2eEmissionRate)
- Market-Based CO2e Emissions Rate Unit (MktBsdCo2eEmissionRateUnit)

Calculations

Market-Based CO2e Emissions Rate (tonnes/MWh) = Market-Based CO2e Emissions Rate × Conversion constant for tCO2e/MWh

- **N2O Emissions Rate (tonnes/GWh) (N2oEmissionRateInTgwh)**

Input Fields

- N2O Emissions Rate (N2oEmissionRate)
- N2O Emissions Rate Unit (N2oEmissionRateUnit)

Calculations

N2O Emissions Rate (tonnes/GWh) = N2O Emissions Rate × Conversion constant for tCO2e/GWh

- **Location-Based Mix Percentage (LocationBasedMixPct)**

Input Fields

- Location-Based Biomass Mix Percentage (LocationBasedBiomassMixPct)

- Location-Based Coal Mix Percentage (LocationBasedCoalMixPct)
- Location-Based Gas Mix Percentage (LocationBasedGasMixPct)
- Location-Based Hydroelectricity Mix Percentage (LocationBasedHydroMixPct)
- Location-Based Nuclear Mix Percentage (LocationBasedNuclearMixPct)
- Location-Based Oil Mix Percentage (LocationBasedOilMixPct)
- Location-Based Other Fuel Mix Percentage (LocationBasedOtherFuelMixPct)
- Location-Based Solar Mix Percentage (LocationBasedSolarMixPct)
- Location-Based Geothermal Mix Percentage (LocBasedGeothermalMixPct)
- Location-Based Other Fossil Fuel Mix Percentage (LocBasedOtherFossilFuelMixPct)
- Location-Based Wind Mix Percentage (LocationBasedWindMixPct)

Calculations

Location-Based Mix Percentage = Sum (Location-Based Biomass Mix Percentage + Location-Based Coal Mix Percentage + Location-Based Gas Mix Percentage + Location-Based Hydroelectricity Mix Percentage + Location-Based Nuclear Mix Percentage + Location-Based Oil Mix Percentage + Location-Based Other Fuel Mix Percentage + Location-Based Solar Mix Percentage + Location-Based Geothermal Mix Percentage + Location-Based Other Fossil Fuel Mix Percentage + Location-Based Wind Mix Percentage)

- **Market-Based Mix Percentage (MarketBasedMixPct)**

Input Fields

- Market-Based Biomass Mix Percentage (MarketBasedBiomassMixPct)
- Market-Based Coal Mix Percentage (MarketBasedCoalMixPct)
- Market-Based Gas Mix Percentage (MarketBasedGasMixPct)
- Market-Based Hydroelectric Mix Percentage (MarketBasedHydroMixPct)
- Market-Based Nuclear Mix Percentage (MarketBasedNuclearMixPct)
- Market-Based Oil Mix Percentage (MarketBasedOilMixPct)
- Market-Based Other Fuel Mix Percentage (MarketBasedOtherFuelMixPct)
- Market-Based Solar Mix Percentage (MarketBasedSolarMixPct)
- Market-Based Geothermal Mix Percentage (MktBasedGeothermalMixPct)
- Market-Based Other Fossil Fuel Mix Percentage (MktBasedOtherFossilFuelMixPct)
- Market-Based Wind Mix Percentage (MarketBasedWindMixPct)

Calculations

Market-Based Mix Percentage = Sum(Market-Based Biomass Mix Percentage + Market-Based Coal Mix Percentage + Market-Based Gas Mix Percentage + Market-Based Hydroelectric Mix Percentage + Market-Based Nuclear Mix Percentage + Market-Based Oil Mix Percentage + Market-Based Other Fuel Mix Percentage + Market-Based Solar Mix Percentage + Market-Based Geothermal Mix Percentage + Market-Based Other Fossil Fuel Mix Percentage + Market-Based Wind Mix Percentage)

- **Location-Based Renewable Energy Excluding Hydroelectricity Percentage (LocBsdRenewableEnrgyNonHydro)**

Input Fields

- Location-Based Biomass Mix Percentage (LocationBasedBiomassMixPct)
- Location-Based Solar Mix Percentage (LocationBasedSolarMixPct)
- Location-Based Geothermal Mix Percentage (LocBasedGeothermalMixPct)
- Location-Based Wind Mix Percentage (LocationBasedWindMixPct)

Calculations

Location-Based Renewable Energy Excluding Hydroelectricity Percentage = Sum(Location-Based Biomass Mix Percentage + Location-Based Solar Mix Percentage + Location-Based Geothermal Mix Percentage + Location-Based Wind Mix Percentage)

- **Location-Based Renewable Energy Percentage (LocBasedRenewableEnergyPct)**

Input Fields

- Location-Based Biomass Mix Percentage (LocationBasedBiomassMixPct)
- Location-Based Hydroelectricity Mix Percentage (LocationBasedHydroMixPct)
- Location-Based Solar Mix Percentage (LocationBasedSolarMixPct)
- Location-Based Geothermal Mix Percentage (LocBasedGeothermalMixPct)
- Location-Based Wind Mix Percentage (LocationBasedWindMixPct)

Calculations

Location-Based Renewable Energy Percentage = Sum(Location-Based Biomass Mix Percentage + Location-Based Solar Mix Percentage + Location-Based Geothermal Mix Percentage + Location-Based Wind Mix Percentage + Location-Based Hydroelectricity Mix Percentage)

- **Market-Based Renewable Energy Excluding Hydroelectricity Percentage (MktBsdRenewableEnrgyNonHydro)**

Input Fields

- Market-Based Biomass Mix Percentage (MarketBasedBiomassMixPct)
- Market-Based Solar Mix Percentage (MarketBasedSolarMixPct)
- Market-Based Geothermal Mix Percentage (MktBasedGeothermalMixPct)
- Market-Based Wind Mix Percentage (MarketBasedWindMixPct)

Calculations

Market-Based Renewable Energy Excluding Hydroelectricity Percentage = Sum(Market-Based Biomass Mix Percentage + Market-Based Solar Mix Percentage + Market-Based Geothermal Mix Percentage + Market-Based Wind Mix Percentage)

- **Market-Based Renewable Energy Percentage (MktBasedRenewableEnergyPct)**

Input Fields

- Market-Based Biomass Mix Percentage (MarketBasedBiomassMixPct)
- Market-Based Hydroelectric Mix Percentage (MarketBasedHydroMixPct)
- Market-Based Solar Mix Percentage (MarketBasedSolarMixPct)
- Market-Based Geothermal Mix Percentage (MktBasedGeothermalMixPct)

- Market-Based Wind Mix Percentage (MarketBasedWindMixPct)

Calculations

Market-Based Renewable Energy Percentage = Sum(Market-Based Biomass Mix Percentage + Market-Based Solar Mix Percentage + Market-Based Geothermal Mix Percentage + Market-Based Wind Mix Percentage + Market-Based Hydroelectric Mix Percentage)

Other Emissions Factor Set

The Other Emissions Factor Set object represents a collection of emissions and conversion factors for various data types and sources that are neither the electricity grid nor scope 3 data types.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Refrigerant Leakage Rate (kg/m2) (RefrigerantLeakageRtInKgM2)**

Input fields

- Refrigerant Leakage Rate (kg/sqft) (RefrigerantLeakageRtInKgSqft)

Calculations

- Refrigerant Leakage Rate (kg/m2) = Refrigerant Leakage Rate (kg/sqft) × Conversion constant for m2

- **Refrigerant Leakage Rate (kg/sqft) (RefrigerantLeakageRtInKgSqft)**

Input Fields

- Refrigerant Leakage Rate (kg/m2) (RefrigerantLeakageRtInKgM2)

Calculations

Refrigerant Leakage Rate (kg/sqft) = Refrigerant Leakage Rate (kg/m2) × Conversion constant for sqft

Other Emissions Factor Set Item

The Other Emissions Factor Set item object represents the individual entries for emissions and conversion factors for various data types and sources that are neither the electricity grid nor scope 3 data types.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Other Emissions Factor Set Item

The Other Emissions Factor Set item object represents the individual entries for emissions and conversion factors for various data types and sources that are neither the electricity grid nor scope 3 data types.

Stationary Fuels

Stationary fuels in Net Zero Cloud represent electricity, city gas, cooling, diesel, fuel oil, heat, heavy oil, kerosene, light oil, liquid natural gas (LNG), natural gas, propane, and steam. Alternatively, you can add your own custom stationary fuels using the custom fuel framework. See [Configure Custom Values for Net Zero Cloud](#).

Table 3: Stationary Fuel

Unit/Fuel Type	CO2 Emissions Factor Unit	CH4 Emissions Factor Unit	N2O Emissions Factor Unit	Supplied CO2e Emissions Factor Unit
g/km				
g/kWh	√	√	√	√
g/MMBtu	√	√	√	√
kg/kWh	√	√	√	√
kg/MJ	√	√	√	√
kg/MMBtu	√	√	√	√
kg/GJ	√	√	√	√
tonnes/kWh				√
tonnes/L				
tonnes/GJ				√
tonnes/MWh				√ (default)
tonnes/MMBtu				√

Mobile Fuels

Standard mobile fuels supported in Net Zero Cloud are autogas/LPG, biodiesel, compressed natural gas (CNG), diesel, ethanol, and gasoline. Alternatively, you can add your own custom mobile fuels using the custom fuel framework. See [Configure Custom Values for Net Zero Cloud](#).

Table 4: Mobile Fuel

Unit/Fuel Type	CO2 Emissions Factor Unit	CH4 Emissions Factor Unit	N2O Emissions Factor Unit	Supplied CO2e Emissions Factor Unit
g/km		√	√	
g/US gal	√	√	√	√

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

Unit/Fuel Type	CO2 Emissions Factor Unit	CH4 Emissions Factor Unit	N2O Emissions Factor Unit	Supplied CO2e Emissions Factor Unit
kg/L	√	√	√	√
kg/US gal	√	√	√	√ (default)
g/L	√ (default)	√ (default)	√ (default)	√
kg/kl	√	√	√	
g/kl	√	√	√	
kg/km		√	√	
g/miles		√	√	
kg/miles		√	√	
tonnes/kl				√
tonnes/L				√

Mobile Fuels - Electricity

Table 5: Mobile Fuel - Electricity

Unit/Fuel Type	CO2 Emissions Factor Unit	CH4 Emissions Factor Unit	N2O Emissions Factor Unit	Supplied CO2e Emissions Factor Unit
g/km	√	√	√	
g/kWh	√	√	√	√
g/MMBtu				
kg/kWh	√	√	√	√ (default)
kg/km	√	√	√	
g/miles	√	√	√	
kg/miles	√	√	√	

Mobile Fuels - Jet Fuel

Table 6: Mobile Fuel - Jet Fuel

Unit/Fuel Type	CO2 Emissions Factor Unit	CH4 Emissions Factor Unit	N2O Emissions Factor Unit	Supplied CO2e Emissions Factor Unit
g/US gal	√	√	√	√
kg/L	√	√	√	√
kg/US gal	√	√	√	√ (default)

Unit/Fuel Type	CO2 Emissions Factor Unit	CH4 Emissions Factor Unit	N2O Emissions Factor Unit	Supplied CO2e Emissions Factor Unit
g/L	√	√	√	√
kg/kl	√	√	√	
g/kl	√	√	√	
tonnes/kl				√
tonnes/L				√



Note: When you select the diesel fuel type, which can be a stationary or a mobile fuel type, ensure that the Other Emissions Factor Set Item record selected is associated with the appropriate emissions factor units for diesel. For more information, see Other Emissions Factor Set Item Supplied Emission Factors in [Conversion Factors](#) on page 1103.

Here are the calculated fields:

- **CO2e Emissions Factor (tCO2e/MWh) (Co2eEmissionFactorInTco2eMwh)**

Input Fields

- Electricity Emissions Factor Set (ElectricityEmssnFctrSet)
 - CH4 Emissions Rate (Ch4EmissionRate)
 - CH4 Emissions Rate Unit (Ch4EmissionRateUnit)
 - CO2 Emissions Rate (Co2EmissionRate)
 - N2O Emissions Rate (N2oEmissionRate)
 - N2O Emissions Rate Unit (N2oEmissionRateUnit)
 - CH4 Emissions Factor (Ch4EmissionFactor)
 - N2O Emissions Factor (N2oEmissionFactor)
- Parent Emissions Factor (ParentEmissionFactor)

Calculations

If FuelType is stationary fuels, then convert CO2 Emissions Factor, CH4 Emissions Factor, and N2O Emissions Factor to tonnes/MWh.
 CO2e Emissions Factor (tCO2e/MWh) = CO2 Emissions Factor + CH4 Emissions Factor × ParentEmissionFactor.CH4 Global Warming Potential + N2O Emissions Factor × ParentEmissionFactor.N2O Global Warming Potential

- **CO2e Emissions Factor (tCO2e/GJ) (Co2eEmissionFactorInTco2eGj)**

Input Fields

- CO2e Emissions Factor (tCO2e/MWh) (Co2eEmissionFactorInTco2eMwh)

Calculations

CO2e Emissions Factor (tCO2e/GJ) = CO2e Emissions Factor (tCO2e/MWh) × Conversion factor for tonnes/GWhGJ

Rental Car Emission Factor

The Rental Car Emission Factor object represents the emissions factors for scope 3 rental car usage.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Fuel Efficiency (mpg) (FuelEfficiencyInMpg)**

Input Fields

- Fuel Efficiency Unit (FuelEfficiencyUnit)
- Fuel Efficiency (FuelEfficiency)

Calculations

Fuel Efficiency (mpg) = Fuel Efficiency × Conversion factor for mpg

Waste Disposal Emissions Factor Set Item

The Waste Disposal Emissions Factor Set Item object represents the individual emissions factors for scope 3 waste handling based on the waste type and disposal type.

For information about converting the values from one unit of measure to another compatible unit of measure, see [Conversion Factors](#).

Here are the calculated fields:

- **Emissions Factor Value (tCO2e/Tonne Waste Material) (EmssnFctrTco2eTonneWstMtrl)**

Input Fields

- Emissions Factor Value (EmissionsFactorValue)
- Emissions Factor Value Unit (EmissionsFactorValueUnit)

Calculations

EmssnFctrTco2eTonneWstMtrl = EmissionsFactorValue × Conversion constant

Carbon Footprint

To calculate the carbon footprint of an organization, Net Zero Cloud employs energy usage records for an asset or a business activity, usually for the calendar or fiscal year. If you're missing data for a reporting period, you can fill the gaps manually or use estimates provided by the app.

Here are some points to consider:

- Carbon footprint summarizes values from multiple energy use records.
- Carbon footprint and energy use records are associated through a record on the carbon footprint object.
- Apex triggers force recalculation of a carbon footprint record whenever an energy use record changes. This recalculation is done only if the change in the energy use record impacts any of the rolled up fields on the associated carbon footprint record.
- Supplemental emission fields correspond to their matching total scope fields. For example, the value in Total Scope 1 Emissions (tCO2e) includes the Supplemental Scope 1 Emissions value entered on the carbon footprint record.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

Stationary Asset Carbon Footprint

The Stationary Asset Carbon Footprint object represents the total carbon emissions and other environmental attributes from stationary assets. The carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e).

Vehicle Asset Carbon Footprint

The Vehicle Asset Carbon Footprint object represents the total carbon emissions from vehicles. Carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e).

Scope 3 Carbon Footprint

The Scope 3 Carbon Footprint object represents the total carbon emissions from scope 3 activities. Carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e).

Stationary Asset Carbon Footprint

The Stationary Asset Carbon Footprint object represents the total carbon emissions and other environmental attributes from stationary assets. The carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e).

Here are the calculated fields:

- **Allocated Renewable Energy (kWh) (AllocatedRenewableEnergyInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Allocated Renewable Energy (kWh) = SUM (StnryAssetEnrgyUse.Allocated Renewable Energy (kWh))

- **Annual Electricity Intensity Variance Percentage (AnnlElectrIntensityVarPct)**

Input Fields

The Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm) record where Fuel Type = Electricity.

The Stationary Asset Environmental Source (StnryAssetEnvrSrc) record.

The Building Energy Intensity Value (BldgEnrgyIntensity) record.

Calculations

Annual Electricity Intensity Variance Percentage = (StnryAssetCrbnFtpntltm.Energy Consumption Intensity (kWh/sqft) - RegionalBldgEnrgyIntensity.BldgEnrgyIntensity "Electricity".Annual Intensity Value (kWh/sqft))/RegionalBldgEnrgyIntensity.BldgEnrgyIntensity "Electricity".Annual Intensity Value (kWh/sqft) × 100

- **Average Data Center Power Usage Effectiveness (AvgDataCenterPue)**

Input Fields

The Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm) record where Fuel Type = IT Electricity.

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record.

Calculations

Average Data Center Power Usage Effectiveness = sum(StnryAssetEnrgyUse.Final Energy Consumption)/StnryAssetCrbnFtpntltm.Total Energy Consumption (kWh)

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

- **Average Monthly Electricity Consumption (kWh) (AvgMonthlyElectrCnsmplnKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where Fuel Type = Electricity.

Calculations

Average Monthly Electricity Consumption (kWh) = $\text{SUM}(\text{StnryAssetEnrgyUse.Normalized Monthly Electricity Consumption (kWh)}) / \text{COUNT}(\text{StnryAssetEnrgyUse.Normalized Monthly Electricity Consumption (kWh)})$

- **Carbon Inventory Record Count (CarbonInventoryRecordCount)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record.

Calculations

Carbon Inventory Record Count = $\text{COUNT}(\text{all Stationary Asset Energy Use records that are associated with the carbon footprint})$.

- **Data Center IT Diesel Consumption Intensity (kWh/IT kWh) (DataCtrItDieselCnsmplIntensity)**

Input Fields

- Related Stationary Asset Emission Source Record Type = Data Center
- The Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm) record where Fuel Type = IT Electricity.
- The Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm) record where Fuel Type = Diesel.

Calculations

If StnryAssetCrbnFtprntltm has a record for IT Electricity, then Data Center IT Diesel Consumption Intensity (kWh/IT kWh) = $(\text{StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh) for Fuel Type = Diesel}) / (\text{StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh) for Fuel Type = IT Electricity})$.

- **Energy Consumption Intensity (kBtu/m2) (EnrgyCnsmplIntensitylnKbtuM2)**

Input Fields

Energy Consumption Intensity (kWh/m2) (EnrgyCnsmplIntensitylnKwhM2)

Calculations

Energy Consumption Intensity (kBtu/m2) = $\text{Energy Consumption Intensity (kWh/m2)} \times 3.412$

- **Energy Consumption Intensity (kBtu/sqft) (EnrgyCnsmplIntensitylnKbtuSqft)**

Input Fields

Energy Consumption Intensity (kWh/sqft) (EnrgyCnsmplIntensitylnKwhSqft)

Calculations

Energy Consumption Intensity (kBtu/sqft) = $\text{Energy Consumption Intensity (kWh/sqft)} \times 3.412$

- **Energy Consumption Intensity (kWh/m2) (EnrgyCnsmplIntensitylnKwhM2)**

Input Fields

Energy Consumption Intensity (kWh/sqft) (EnrgyCnsmplIntensitylnKwhSqft)

Calculations

Energy Consumption Intensity (kWh/m2) = $\text{Energy Consumption Intensity (kWh/sqft)} \times 10.7639$

- **Energy Consumption Intensity (kWh/sqft) (EnrgyCnsmplIntensityInKwhSqft)**

Input Fields

- Total Energy Consumption (kWh) (TotEnergyConsumptionInKwh)
- Occupied Floor Area (OccupiedFloorArea)
- Occupied Floor Area Unit (OccupiedFloorAreaUnit)

Calculations

Energy Consumption Intensity (kWh/sqft) = Total Energy Consumption (kWh)/Occupied Floor Area (in sqft)

- **Energy Intensity Variance Percentage (EnrgyIntensityVariancePct)**

Input Fields

- Energy Consumption Intensity (kWh/sqft) (EnrgyCnsmplIntensityInKwhSqft)
- Regional Energy Consumption Intensity (kBtu/sqft) (RgnlEnrgyCnsmplIntensity)

Calculations

Energy Intensity Variance Percentage = (Energy Consumption Intensity (kWh/sqft) (converted to kBtu/sqft) - Regional Energy Consumption Intensity (kBtu/sqft))/Regional Energy Consumption Intensity (kBtu/sqft) × 100

- **Location-Based Electricity from Biomass (kWh) (LocBasedElectrFromBiomassInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Biomass (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Biomass (kWh))

- **Location-Based Electricity from Coal (kWh) (LocBasedElectrFromCoalInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Coal (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Coal (kWh))

- **Location-Based Electricity from Gas (kWh) (LocBasedElectrFromGasInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Gas (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Gas (kWh))

- **Location-Based Electricity from Hydro (kWh) (LocBasedElectrFromHydroInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Hydro (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Hydro (kWh))

- **Location-Based Electricity from Nuclear (kWh) (LocBasedElectrFromNuclearInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Nuclear (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Nuclear (kWh))

- **Location-Based Electricity from Oil (kWh) (LocBasedElectrFromOilInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Oil (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Oil (kWh))

- **Location-Based Electricity from Solar (kWh) (LocBasedElectrFromSolarInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Solar (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Solar (kWh))

- **Location-Based Electricity from Wind (kWh) (LocBasedElectrFromWindInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Wind (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Wind (kWh))

- **Location-Based Electricity from Other Fuel (kWh) (LocBasedElectrFrOthrFuelInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Other Fuel (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Other Fuel (kWh))

- **Location-Based Electricity from Geothermal (kWh) (LocBsdElectrFrGeothermallnKwh)**

Input Fields

The Stationary Asset Energy Use (Stationary Asset Energy Use (StnryAssetEnrgyUse)) record where FuelType = Electricity.

Calculations

LocBsdElectrFrGeothermallnKwh = SUM (Stationary Asset Energy Use (StnryAssetEnrgyUse) .LocBsdElectrFrGeothermallnKwh)

- **Location-Based Electricity from Other Fossil Fuel (kWh) (LocBsdElectrOthrFossilFuelKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Location-Based Electricity from Other Fossil Fuel (kWh) = SUM (StnryAssetEnrgyUse.Location-Based Electricity from Other Fossil Fuel (kWh))

- **Maximum Variance Above Average Electricity Consumption (MaxVarianceAboveAvgElectrCnsmpr)**

Input Fields

- Average Monthly Electricity Consumption (kWh) (AvgMonthlyElectrCnsmprInKwh).
- The Stationary Asset Energy Use (StnryAssetEnrgyUse) records where FuelType = Electricity

Calculations

Maximum Variance Above Average Electricity Consumption = $\text{ABS} [\text{MAX} (\text{StnryAssetEnrgyUse.Normalized Monthly Electricity Consumption (kWh)}) - \text{Average Monthly Electricity Consumption (kWh)}] / \text{Average Monthly Electricity Consumption (kWh)} \times 100$

- **Maximum Variance Below Average Electricity Consumption (MaxVarianceBelowAvgElectrCnsmpr)**

Input Fields

- Average Monthly Electricity Consumption (kWh) (AvgMonthlyElectrCnsmprInKwh).
- The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Maximum Variance Below Average Electricity Consumption = $\text{ABS} [\text{MIN} (\text{StnryAssetEnrgyUse.Normalized Monthly Electricity Consumption (kWh)}) - \text{Average Monthly Electricity Consumption (kWh)}] / \text{Average Monthly Electricity Consumption (kWh)} \times 100$

- **Market-Based Electricity from Biomass (kWh) (MktBsdElectrFrBiomassInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Biomass (kWh) = $\text{SUM} (\text{StnryAssetEnrgyUse.Market-Based Electricity from Biomass (kWh)})$

- **Market-Based Electricity from Coal (kWh) (MktBsdElectrFrFromCoalInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) where FuelType = Electricity.

Calculations

Market-Based Electricity from Coal (kWh) = $\text{SUM} (\text{StnryAssetEnrgyUse.Market-Based Electricity from Coal (kWh)})$

- **Market-Based Electricity from Gas (kWh) (MktBsdElectrFrGasInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Gas (kWh) = $\text{SUM} (\text{StnryAssetEnrgyUse.Market-Based Electricity from Gas (kWh)})$

- **Market-Based Electricity from Geothermal (kWh) (MktBsdElectrFrGeothermalInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Geothermal (kWh) = $\text{SUM} (\text{StnryAssetEnrgyUse.Market-Based Electricity from Geothermal (kWh)})$

- **Market-Based Electricity from Hydro (kWh) (MktBsdElectrFrHydroInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Hydro (kWh) = SUM (StnryAssetEnrgyUse.Market-Based Electricity from Hydro (kWh))

- **Market-Based Electricity from Nuclear (kWh) (MktBsdElectrFrNuclearInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Nuclear (kWh) = SUM (StnryAssetEnrgyUse.Market-Based Electricity from Nuclear (kWh))

- **Market-Based Electricity from Oil (kWh) (MktBsdElectrFrOilInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Oil (kWh) = SUM (StnryAssetEnrgyUse.Market-Based Electricity from Oil (kWh))

- **Market-Based Electricity from Other Fuel (kWh) (MktBsdElectrFrOthrFuelInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Other Fuel (kWh) = SUM (StnryAssetEnrgyUse.Market-Based Electricity from Other Fuel (kWh))

- **Market-Based Electricity from Solar (kWh) (MktBsdElectrFrSolarInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Solar (kWh) = SUM (StnryAssetEnrgyUse.Market-Based Electricity from Solar (kWh))

- **Market-Based Electricity from Wind (kWh) (MktBsdElectrFrWindInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Wind (kWh) = SUM (StnryAssetEnrgyUse.Market-Based Electricity from Wind (kWh))

- **Scope 3 Emissions from Capital Goods (tCO2e) (Scp3EmssnCptlGoods)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Capital Goods (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Capital Goods"

- **Scope 3 Emissions from Downstream Leased Assets (tCO2e) (Scope3EmssnDnstrmLsdAst)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Downstream Leased Assets (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Downstream Leased Assets"

- **Scope 3 Emissions from Employee Commute (tCO2e) (Scp3EmssnEmpCommute)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Employee Commute (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Employee Commuting"

- **Scope 3 Emissions from End-Life Treatment of Sold Products (tCO2e) (Scp3EndLifeTreatSoldPrdct)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from End-Life Treatment of Sold Products (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 End-of-Life Treatment of Sold Products"

- **Scope 3 Emissions from Franchises (tCO2e) (Scp3EmssnFranchises)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Franchises (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Franchises"

- **Scope 3 Emissions from Fuel and Energy-Related Activities (tCO2e) (Scp3FuelEnrgyRelaActv)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Fuel and Energy-Related Activities (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Fuel and Energy-Related Activities"

- **Scope 3 Emissions from Investments (tCO2e) (Scp3EmssnInvestments)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Investments (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Investments"

- **Scope 3 Emissions from Processing Sold Products (tCO2e) (Scp3EmssnProcSoldPrdct)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Processing Sold Products (tCO₂e) = SUM (StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO₂e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Processing Sold Products"

- **Scope 3 Emissions from Purchased Goods Services (tCO₂e) (Scp3EmssnPurchGoodsSrvcs)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Purchased Goods Services (tCO₂e) = SUM (StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO₂e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Purchased Goods and Services"

- **Scope 3 Emissions from Upstream Leased Assets (tCO₂e) (Scp3EmssnUpstrmLsdAst)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Upstream Leased Assets (tCO₂e) = SUM (StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO₂e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Upstream Leased Assets"

- **Scope 3 Emissions from Use of Sold Products (tCO₂e) (Scp3EmssnUseOfSoldPrdct)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Use of Sold Products (tCO₂e) = SUM (StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO₂e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Use of Sold Products"

- **Scope 3 Emissions from Waste Generated in Operations (tCO₂e) (Scp3EmssnWstGenInOper)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Waste Generated in Operations (tCO₂e) = SUM (StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO₂e)) when StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Waste Generated in Operations"

- **Scope 3 Uncategorized Emissions (tCO₂e) (Scp3UncategorizedEmssn)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Uncategorized Emissions (tCO₂e) = SUM (StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO₂e)) + SUM (StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO₂e)) when

- StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Upstream Emissions"
- StnryAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Downstream Emissions"

- StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e) != null but StnryAssetEnrgyUse.Scope 3 GHG Category != “Scope 3 Downstream Emissions” (Using supplemental value on StnryAssetEnrgyUse)
- StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e) != null but StnryAssetEnrgyUse.Scope 3 GHG Category != “Scope 3 Upstream Emissions” (Using supplemental value on StnryAssetEnrgyUse)

- **Market-Based Electricity from Other Fossil Fuel (kWh) (MktBsdElectrOthrFossilFuelKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Market-Based Electricity from Other Fossil Fuel (kWh) = SUM (StnryAssetEnrgyUse.Market-Based Electricity from Other Fossil Fuel (kWh))

- **Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Total Renewable Energy (kWh) = SUM (StnryAssetEnrgyUse.Total Renewable Energy (kWh))

- **Total Renewable Energy Percentage (TotalRenewableEnergyPct)**

Input Fields

- Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh).
- The Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm) record where FuelType = Electricity.

Calculations

Total Renewable Energy Percentage = Total Renewable Energy (kWh)/StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh) × 100

- **Total Scope 3 Downstream Emissions (tCO2e) (TotalScp3DnstrmEmissions)**

Input Fields

- The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.
- Supplemental Scope 3 Downstream Emissions (SuplScope3DnstrmEmissions).

Calculations

Total Scope 3 Downstream Emissions (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e)) + Supplemental Scope 3 Downstream Emissions

- **Total Scope 3 Upstream Emissions (tCO2e) (TotalScp3UpstrmEmissions)**

Input Fields

- The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.
- Supplemental Scope 3 Upstream Emissions (SuplScope3UpstrmEmissions).

Calculations

Total Scope 3 Upstream Emissions (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e)) + Supplemental Scope 3 Upstream Emissions

- **Total Energy Consumption (GJ) (TotEnergyConsumptionInGj)**

Input Fields

The Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm) records (all fuel types).

Calculations

Total Energy Consumption (GJ) = SUM (StnryAssetCrbnFtprntltm.Total Energy Consumption (GJ)) where FuelType = All Fuel Types

- **Total Energy Consumption (kWh) (TotEnergyConsumptionInKwh)**

Input Fields

The Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm) records (all fuel types).

Calculations

Total Energy Consumption (kWh) = SUM (StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh)) where FuelType = All Fuel Types

- **Total Energy Consumption (MWh) (TotEnergyConsumptionInMwh)**

Input Fields

Total Energy Consumption (kWh) (TotEnergyConsumptionInKwh)

Calculations

Total Energy Consumption (MWh) = Total Energy Consumption (kWh)/1000

- **Total Renewable Energy Excluding Hydro (kWh) (TotRnwLEnrgyExclHydroInKwh)**

Input Fields

The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.

Calculations

Total Renewable Energy Excluding Hydro (kWh) = SUM (StnryAssetEnrgyUse.Market-Based Electricity from Biomass (kWh) + StnryAssetEnrgyUse.Market-Based Electricity from Solar (kWh) + StnryAssetEnrgyUse.Market-Based Electricity from Wind (kWh) + StnryAssetEnrgyUse.Market-Based Electricity from Geothermal (kWh))

- **Total Renewable Energy Percentage Excluding Hydro (TotRnwLEnrgyExclHydroPct)**

Input Fields

- Total Renewable Energy Excluding Hydro (kWh) (TotRnwLEnrgyExclHydroInKwh)
- The StnryAssetCrbnFtprntltm record where FuelType = Electricity.

Calculations

Total Renewable Energy Percentage Excluding Hydro = Total Renewable Energy Excluding Hydro (kWh)/StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh) × 100

- **Total Scope 1 Emissions (tCO2e) (TotScope1EmissionsInTco2e)**

Input Fields

- The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.
- Supplemental Scope 1 Emissions (SuplScope1Emissions).

Calculations

Total Scope 1 Emissions (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 1 Emissions (tCO2e)) + Supplemental Scope 1 Emissions

- **Total Scope 2 Location-Based Emissions (TotScope2LocBasedEmissions)**

Input Fields

- The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.
- Supplemental Scope 2 Location-Based Emissions (SuplScope2LocationBasedEmssn).

Calculations

Total Scope 2 Location-Based Emissions = SUM (StnryAssetEnrgyUse.Scope 2 Location-Based Emissions (tCO₂e)) + Supplemental Scope 2 Location-Based Emissions

- **Total Scope 2 Market-Based Emissions (TotScope2MktBasedEmissions)**

Input Fields

- The Stationary Asset Energy Use (StnryAssetEnrgyUse) record where FuelType = Electricity.
- Supplemental Scope 2 Market-Based Emissions (SuplScope2MarketBasedEmssn).

Calculations

Total Scope 2 Market-Based Emissions = SUM (StnryAssetEnrgyUse.Scope 2 Market-Based Emissions (tCO₂e)) + Total Scope 2 Market-Based Emissions

- **Year over Year Power Usage Effectiveness Variance Percentage (YearOverYearPueVariancePct)**

Input Fields

Average Data Center Power Usage Effectiveness (AvgDataCenterPue)

Calculations

Year over Year Power Usage Effectiveness Variance Percentage = ((Average Data Center Power Usage Effectiveness - previous year(Average Data Center Power Usage Effectiveness)/previous year.Average Data Center Power Usage Effectiveness) × 100

- **Total Building Indirect Energy Consumption (MWh) (TotBldgIndirectEnrgyCnsmplnMwh)**

Input Fields

The Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm) record where FuelType = Electricity, Steam, Heat, or Cooling.

Calculations

Total Building Indirect Energy Consumption (MWh) = SUM (StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh)) where StnryAssetCrbnFtprntltm.Fuel Type = "Electricity", "Steam", "Heat", or "Cooling"/1000

- **Regional Energy Consumption Intensity (kBtu/sqft) (RgnlEnrgyCnsmplIntensity)**

Input Fields

Regional Electricity Consumption Intensity (kWh/sqft) (RegionalBldgEnrgyIntensity)

The Building Energy Intensity (BldgEnrgyIntensity) record.

Calculations

Regional Energy Consumption Intensity (kBtu/sqft) = BldgEnrgyIntensity.Annual Energy Intensity (kWh/sqft) converted to kBtu/sqft

- **Regional Electricity Consumption Intensity (kWh/sqft) (RgnlElectrCnsmplIntensity)**

Input Fields

Regional Building Energy Intensity (RegionalBldgEnrgyIntensity)

The Building Energy Intensity Value (BldgEnrgyIntensityVal) record.

Calculations

Regional Electricity Consumption Intensity (kWh/sqft) = BldgEnrgyIntensityVal.Annual Intensity Value (kWh/sqft)

Stationary Asset Carbon Footprint Item

The Stationary Asset Carbon Footprint Item object represents the total tCO₂e emissions of individual fuel types, which are the child records of the stationary asset carbon footprint record. These are automatically generated after a stationary asset carbon footprint is associated with energy use records.

Stationary Asset Carbon Footprint Item

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If the record type of the stationary asset environmental source is Data Center and the fuel type is Electricity, then two stationary asset carbon footprint item records are created.

- One is for fuel type IT Electricity, which doesn't include the power usage effectiveness factor, so it only represents the electricity consumption from IT equipment.
- The other is for fuel type Electricity, which includes the power usage effectiveness factor, thus accounting for the total electricity consumption, including non-IT equipment.

Here are the calculated fields:

- **Annual Electricity Intensity Variance Percentage (AnnElectrIntensityVarPct)**

Input Fields

- Previous Year Annual Energy Consumption Intensity (kWh/m²) (PrevYrEnrgyIntensityKwhM2)
- Energy Consumption Intensity (kWh/m²) (EnrgyCnsmplIntensityInKwhM2)

Calculations

If Previous Year Annual Energy Consumption Intensity (kWh/m²) isn't NULL, then Annual Electricity Intensity Variance Percentage = (Energy Consumption Intensity (kWh/m²) - Previous Year Annual Energy Consumption Intensity (kWh/m²)/Previous Year Annual Energy Consumption Intensity (kWh/m²)

- **Energy Consumption Intensity (kWh/m²) (EnrgyCnsmplIntensityInKwhM2)**

Input Fields

- All Stationary Asset Energy Use (StnryAssetEnrgyUse) records.
 - Occupied Floor Area (sqft) (OccupiedFloorAreaInSqft)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh).

Calculations

Energy Consumption Intensity (kWh/m²) = Total Energy Consumption (kWh)/(StnryAssetEnrgyUse.Occupied Floor Area (sqft)/10.7639)

- **Energy Consumption Intensity (kWh/sqft) (EnrgyCnsmplIntensityInKwhSqft)**

Input Fields

- All StnryAssetEnrgyUse records for the related fuel type.

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Available in: **Enterprise, Performance, Unlimited, and Developer** Editions

- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh).

Calculations

Energy Consumption Intensity (kWh/sqft) = Total Energy Consumption (kWh)/StnryAssetEnrgyUse.Occupied Floor Area (sqft)

- **Total Energy Consumption (GJ) (TotalEnergyConsumptionInGj)**

Input Fields

Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

Calculations

For a fuel type, Total Energy Consumption (GJ) = Total Energy Consumption (kWh) × 0.0036.

- **Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)**

Input Fields

All StnryAssetEnrgyUse records for the related fuel type.

Calculations

For a fuel type, Total Energy Consumption (kWh) = SUM (StnryAssetEnrgyUse.Total Fuel Consumption (kWh)).

For fuel type = ITElectricity, Total Energy Consumption (kWh) = SUM (StnryAssetEnrgyUse.Fuel Consumption (kWh)).

- **Total Emissions (tCO2e) (TotalEmissionsInTco2e)**

Input Fields

All StnryAssetEnrgyUse records for the related fuel type.

Calculations

Total Emissions (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 1 Emissions (tCO2e) + StnryAssetEnrgyUse.Scope 2 Location-Based Emissions (tCO2e) + StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e) + StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e))

This value doesn't include supplemental values.

- **Total Emissions Using Market-Based Method (tCO2e) (TotEmssnUseMktBsdMthd)**

Input Fields

All Stationary Asset Energy Use (StnryAssetEnrgyUse) records for the related fuel type.

Calculations

Total Emissions Using Market-Based Method (tCO2e) = SUM (StnryAssetEnrgyUse.Scope 1 Emissions (tCO2e) + StnryAssetEnrgyUse.Scope 2 Market-Based Emissions (tCO2e) + StnryAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e) + StnryAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e))

This value doesn't include supplemental values.

Vehicle Asset Carbon Footprint

The Vehicle Asset Carbon Footprint object represents the total carbon emissions from vehicles. Carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e).

Here are the calculated fields:

- **Carbon Inventory Record Count (CarbonInventoryRecordCount)**

Input Fields

The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Carbon Inventory Record Count = COUNT (all VehicleAssetEnrgyUse records associated with this carbon footprint).

- **Scope 3 Emissions from Business Travel (tCO₂e) (Scp3EmssnBusTravl)**

Input Fields

The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Business Travel (tCO₂e) = SUM (VehicleAssetEnrgyUse.Scope 3 Upstream Emissions (tCO₂e)) when VehicleAssetEnrgyUse.Scope 3 GHG Category = "Business Travel"

- **Scope 3 Emissions from Downstream Leased Assets (tCO₂e) (Scp3EmssnDnstrmLsdAst)**

Input Fields

The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Downstream Leased Assets (tCO₂e) = SUM (VehicleAssetEnrgyUse.Scope 3 Downstream Emissions (tCO₂e)) when VehicleAssetEnrgyUse.Scope 3 GHG Category = "Downstream Leased Asset"

- **Scope 3 Emissions from Employee Commute (tCO₂e) (Scp3EmssnEmpComut)**

Input Fields

The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Employee Commute (tCO₂e) = SUM (VehicleAssetEnrgyUse.Scope 3 Upstream Emissions (tCO₂e)) when VehicleAssetEnrgyUse.Scope 3 GHG Category = "Employee Commuting"

- **Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) (Scp3EmssnUpstrmTrnspDstr)**

Input Fields

The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) = SUM (VehicleAssetEnrgyUse.Scope 3 Upstream Emissions (tCO₂e)) when VehicleAssetEnrgyUse.Scope 3 GHG Category = "Upstream Transportation and Distribution"

- **Scope 3 Emissions from Downstream Transportation and Distribution (tCO₂e) (Scp3EmssnDnstrmTrnspDstr)**

Input Fields

EDITIONS

Available in: Lightning Experience

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The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e) = SUM (VehicleAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e)) when VehicleAssetEnrgyUse.Scope 3 GHG Category = "Downstream Transportation and Distribution"

- **Scope 3 Uncategorized Emissions (tCO2e) (Scp3UncategorizedEmssn)**

Input Fields

The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e) = SUM (VehicleAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e)) + SUM(VehicleAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e)) when

- VehicleAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Upstream Emissions"
- VehicleAssetEnrgyUse.Scope 3 GHG Category = "Scope 3 Downstream Emissions"
- VehicleAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e) != null but VehicleAssetEnrgyUse.Scope 3 GHG Category != "Scope 3 Downstream Emissions" (Using supplemental value on VehicleAssetEnrgyUse)
- VehicleAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e) != null but VehicleAssetEnrgyUse.Scope 3 GHG Category != "Scope 3 Upstream Emissions" (Using supplemental value on VehicleAssetEnrgyUse)

- **Total Scope 3 Downstream Emissions (tCO2e) (TotalScp3DnstrmEmissions)**

Input Fields

- The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.
- Supplemental Scope 3 Downstream Emissions (SuplScope3DnstrmEmissions).

Calculations

Total Scope 3 Downstream Emissions (tCO2e) = SUM (VehicleAssetEnrgyUse.Scope 3 Downstream Emissions (tCO2e)) + Supplemental Scope 3 Downstream Emissions

- **Total Scope 3 Upstream Emissions (tCO2e) (TotalScp3UpstrmEmissions)**

Input Fields

- The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.
- Supplemental Scope 3 Upstream Emissions (SuplScope3UpstrmEmissions).

Calculations

Total Scope 3 Upstream Emissions (tCO2e) = SUM (VehicleAssetEnrgyUse.Scope 3 Upstream Emissions (tCO2e)) + Supplemental Scope 3 Upstream Emissions

- **Total Fuel Consumption (Gallons) (TotFuelCnsmplnGallons)**

Input Fields

The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Total Fuel Consumption (Gallons) = SUM (VehicleAssetEnrgyUse.Total Fuel Consumption (US Gallons))

- **Total Fuel Consumption (Liters) (TotFuelCnsmplnLiters)**

Input Fields

The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.

Calculations

Total Fuel Consumption (Liters) = SUM (VehicleAssetEnrgyUse.Total Fuel Consumption (Liters))

- **Total Scope 1 Emissions (tCO2e) (TotScope1EmissionsInTco2e)**

Input Fields

- The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.
- Supplemental Scope 1 Emissions (tCO2e) (SuplScope1Emissions).

Calculations

Total Scope 1 Emissions (tCO2e) = SUM (VehicleAssetEnrgyUse.Scope 1 Emissions (tCO2e)) + Supplemental Scope 1 Emissions (tCO2e)

Default Value

Total Scope 1 Emissions (tCO2e) = Supplemental Scope 1 Emissions (tCO2e)

- **Total Scope 2 Location-Based Emissions (TotScope2LocBasedEmissions)**

Input Fields

- The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.
- Supplemental Scope 2 Location-Based Emissions (SuplScope2LocationBasedEmssn).

Calculations

Total Scope 2 Location-Based Emissions = SUM (VehicleAssetEnrgyUse.Scope 2 Location-Based Emissions (tCO2e)) + Supplemental Scope 2 Location-Based Emissions

Default Value

Total Scope 2 Location-Based Emissions = Supplemental Scope 2 Location-Based Emissions

- **Supplemental Scope 2 Market-Based Emissions (TotScope2MktBasedEmissions)**

Input Fields

- The Vehicle Asset Energy Use (VehicleAssetEnrgyUse) records associated with this carbon footprint.
- Supplemental Scope 2 Market-Based Emission (SuplScope2MarketBasedEmssn).

Calculations

Supplemental Scope 2 Market-Based Emissions = SUM (VehicleAssetEnrgyUse.Scope 2 Market-Based Emissions (tCO2e)) + Supplemental Scope 2 Market-Based Emissions

Default Value

Supplemental Scope 2 Market-Based Emissions = Supplemental Scope 2 Market-Based Emissions

Scope 3 Carbon Footprint

The Scope 3 Carbon Footprint object represents the total carbon emissions from scope 3 activities. Carbon footprint quantifies the effect of atmospheric warming, which is represented in metric tonnes of carbon dioxide equivalent (tCO₂e).

Here are the calculated fields:

- **Scope 3 Emissions from Capital Goods (tCO₂e) (Scp3EmssnCapitalGood)**

Input Fields

The related Scope 3 Procurement Summary (Scope3PcmtSummary) records.

Calculations

Sum of the scope 3 emissions for capital goods (category 2), in units of tCO₂e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Downstream Leased Asset (tCO₂e)

- **Scope 3 Emissions from Downstream Leased Asset (tCO₂e) (Scp3EmssnDnstrmLeasedAsset)**

Calculations

Sum of scope 3 emissions for downstream leased assets (category 13), in units of tCO₂e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Downstream Leased Asset (tCO₂e)

- **Scope 3 Emissions from Downstream Transportation Distribution (tCO₂e) (Scp3EmssnDnstrmTrnspDistr)**

Calculations

Sum of the scope 3 emissions for downstream transportation and distribution (category 9), in units of tCO₂e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records and Freight Hauling Energy Use (FrgtHaulingEnrgyUse) records where scope 3 category is downstream + Supplemental Scope 3 Emissions from Downstream Transportation Distribution (tCO₂e)

- **Scope 3 Emissions from End-Life Treatment of Sold Product (tCO₂e) (Scp3EmssnEndLifeSoldProdt)**

Calculations

Sum of the scope 3 emissions for end-of-life treatment of sold products (category 12), in units of tCO₂e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records. This value includes aggregation of emissions from waste when the Generated Waste object has a lookup to Scope 3 Carbon Footprint + Supplemental Scope 3 Emissions from End-Life Treatment of Sold Product (tCO₂e)

- **Scope 3 Emissions from Franchise (tCO₂e) (Scp3EmssnFranchise)**

Calculations

Sum of the scope 3 emissions for franchises (category 14), in units of tCO₂e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Franchise (tCO₂e)

- **Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e) (Scp3EmssnFuelEnergyActivity)**

Calculations

Sum of the scope 3 emissions for fuel and energy-related activities not included in scope 1 or scope 2 (category 3), in units of tCO₂e.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise**, **Performance**, **Unlimited**, and **Developer** Editions

USER PERMISSIONS

To enter and modify data:

- Net Zero Cloud Manager
- OR
- Net Zero Cloud Admin

This value isn't included in scope 1 or scope 2 and is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e)

- **Scope 3 Emissions from Investments (tCO2e) (Scp3EmssnInvestment)**

Calculations

Sum of the scope 3 emissions for investments (category 15), in units of tCO2e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Investments (tCO2e)

- **Scope 3 Emissions from Processing Sold Products (tCO2e) (Scp3EmssnProcSoldProduct)**

Calculations

Sum of the scope 3 emissions for processing of sold products (category 10), in units of tCO2e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Processing Sold Products (tCO2e)

- **Scope 3 Emissions from Purchased Goods Services (tCO2e) (Scp3EmssnPurchGoodsService)**

Calculations

Sum of the scope 3 emissions for purchased goods and services (category 1), in units of tCO2e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Purchased Goods Services (tCO2e)

- **Scope 3 Emissions from Upstream Leased Assets (tCO2e) (Scp3EmssnUpstrmLeasedAsset)**

Calculations

Sum of the scope 3 emissions for upstream leased assets (category 8), in units of tCO2e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Upstream Leased Assets (tCO2e)

- **Scope 3 Emissions from Scope 3 Upstream Transportation Distribution (tCO2e) (Scp3EmssnUpstrmTrnspDistr)**

Calculations

Sum of the scope 3 emissions for upstream transportation and distribution (category 4), in units of tCO2e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) and Freight Hauling Energy Use (FrgtHaulingEnrgyUse) records where scope 3 category is upstream + Supplemental Scope 3 Emissions from Scope 3 Upstream Transportation Distribution (tCO2e)

- **Scope 3 Emissions from Use of Sold Products (tCO2e) (Scp3EmssnUseOfSoldProduct)**

Calculations

Sum of the scope 3 emissions for use of sold products (category 11), in units of tCO2e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Emissions from Use of Sold Products (tCO2e)

- **Scope 3 Uncategorized Emissions (tCO2e) (Scp3UncatgEmissions)**

Calculations

Sum of the scope 3 uncategorized emissions, in units of tCO2e. Calculated from related procurement summaries.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + Supplemental Scope 3 Uncategorized Emissions (tCO2e)

- **Scope 3 Emissions from Waste Generated in Operations (tCO2e) (Scp3WasteGenInOper)**

Calculations

Sum of the scope 3 emissions for waste generated in operations (category 5), in units of tCO2e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records. This value includes aggregation of emissions from waste when the Generated Waste object has a lookup to Scope 3 Carbon Footprint + Supplemental Scope 3 Emissions from Waste Generated in Operations (tCO2e)

- **Scope 3 Emissions from Employee Commuting (tCO2e) (Scp3EmssnEmployeeCommuting)**

Calculations

Sum of the scope 3 emissions for employee commuting (category 7), in units of tCO2e.

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary) records + scope 3 emissions from the related ground and rental car energy use records based on the selected GHG category + Supplemental Scope 3 Emissions from Employee Commuting (tCO2e)

- **Total Scope 3 Downstream Emissions (tCO2e) (TotalScp3DnstrmEmissions)**

Calculations

Sum of the scope 3 downstream emissions: Downstream Transportation Distribution, Processing Sold Products, Use of Sold Products, End-of-Life Sold Products, Downstream Leased Assets, Franchises, and Investments.

- **Total Scope 3 Emissions from Business Travel (tCO2e) (TotalScp3EmssnBusTrvl)**

Calculations

Sum of Scope 3 Emissions from Business Travel Energy Consumption (tCO2e), Scope 3 Emissions from Business Travel Procurement (tCO2e), and Total scope 3 emissions for business travel (category 6) in units of tCO2e.

The value is calculated from the related ground, hotel, rental, and air travel energy use records based on the selected GHG category + Supplemental Scope 3 Emissions from Business Travel (tCO2e)

- **Total Scope 3 Upstream Emissions (tCO2e) (TotalScp3UpstrmEmissions)**

Calculations

Sum of the scope 3 upstream emissions: Purchased Goods, Capital Goods, Fuel, Energy-Related Activities, Upstream Transportation Distribution, Waste Generated in Operations, Business Travel, Employee Commuting, and Upstream Leased Assets.

- **Total Scope 3 Emissions (tCO2e) (TotScope3EmissionsInTco2e)**

Input Fields

The related Scope 3 Procurement Summary (Scope3PcmtSummary), energy use, and waste records.

Calculations

Sum of the scope 3 emissions, in units of tCO2e: Total Upstream + Total Downstream + Total Uncategorized + Supplemental Scope 3 emissions

This value is calculated from the related Scope 3 Procurement Summary (Scope3PcmtSummary), energy use, and waste objects.

Waste Management

You can calculate upstream emissions from waste generated in operations for a reporting company, either by company-owned/controlled operations or by third-party treatment and disposal of waste. You can also calculate downstream emissions from waste generated during the end-of-life treatment of company's sold products.

Use one of these methods to calculate emissions:

- Supplier-specific method: Involves collecting waste-specific scope 3 emissions data directly from waste treatment companies.
- Waste-type-specific method: Involves using emission factors for specific waste types and waste treatment methods.

Waste Footprint

The Waste Footprint object represents the volume of aggregated waste and carbon emissions from waste generated either as part of operations or at the end of life of a product.

Generated Waste

The Generated Waste object represents the information on the waste generated in operations, the waste generated while treating end-of-life products that were sold, and so on.

Waste Footprint

The Waste Footprint object represents the volume of aggregated waste and carbon emissions from waste generated either as part of operations or at the end of life of a product.

Here are the calculated fields:

- **Generated Waste Detail Record Count (GeneratedWasteDetailRecordCnt)**

Input Fields

Generated Waste records

Calculations

Generated Waste Detail Record Count = Count (Associated Generated Waste records)

- **Total Waste Quantity in Tonnes (WasteFootprint.TotalWasteQuantityinTonnes)**

Input Fields

Disposed Waste Quantity in Tonnes (WasteFootprintItem.DisposedWasteQuantityinTonnes)

Calculations

WasteFootprint.Total Waste Quantity in Tonnes = Sum of all associated (WasteFootprintItem.Disposed Waste Quantity in Tonnes).

- **Scope 3 Upstream Emissions from Waste Generated in Operations (tCO2e) (WasteFootprint.Scp3UpstrmWstGenInOper)**

Input Fields

- Scope 3 Upstream Emissions from Waste Generated in Operations (tCO2e) (GeneratedWaste.Scp3UpstrmWstGenInOper)
- Supplemental Scope 3 Upstream Emissions from Waste Generated in Operations (tCO2e) (SuplScp3UpstrmWstGenInOper)

Calculations

WasteFootprint.Scope 3 Upstream Emissions from Waste Generated in Operations (tCO2e) = Sum of all associated (GeneratedWaste.Scope 3 Upstream Emissions from Waste Generated in Operations (tCO2e)) + WasteFootprint.Supplemental Scope 3 Upstream Emissions from Waste Generated in Operations (tCO2e).

- **Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO2e)**
(WasteFootprint.Scp3DnstrmEndLifeSoldPrdct)

Input Fields

- Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO2e)
(GeneratedWaste.Scp3DnstrmEndLifeSoldPrdct)
- Supplemental Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO2e)
(WasteFootprint.SuplScp3DnstrmEndLifeSoldPrdct)

Calculations

WasteFootprint.Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO2e) = Sum of all associated (GeneratedWaste.Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO2e)) + WasteFootprint.Supplemental Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO2e).

- **Scope 1 Emissions (tCO2e) (WasteFootprint.Scope1EmissionsInTco2e)**

Input Fields

- Scope 1 Emissions (tCO2e) (GeneratedWaste.Scope1EmissionsInTco2e)
- Supplemental Scope 1 Emissions (tCO2e) (WasteFootprint.SuplScope1EmissionsInTco2e)

Calculations

WasteFootprint.Scope 1 Emissions (tCO2e) = Sum of all associated (GeneratedWaste.Scope 1 Emissions (tCO2e)) + WasteFootprint.Supplemental Scope 1 Emissions (tCO2e).

Waste Footprint Item

The Waste Footprint Item object represents the volume by waste type and disposal type of aggregated waste generated either as part of operations or at the end of life of a product.

Waste Footprint Item

The Waste Footprint Item object represents the volume by waste type and disposal type of aggregated waste generated either as part of operations or at the end of life of a product.

Here are the calculated fields:

- **Disposed Waste Quantity in Tonnes (WasteFootprintItem.DisposedWasteQuantityinTonnes)**

Input Fields

- Disposed Waste Quantity in Tonnes (GeneratedWaste.DisposedWasteQuantityinTonnes)
- Waste Type (GeneratedWaste.WasteType)
- Disposal Type (GeneratedWaste.DisposalType)

Calculations

WasteFootprintItem.Disposed Waste Quantity in Tonnes = Sum of all associated GeneratedWaste.Disposed Waste Quantity in Tonnes grouped by GeneratedWaste.Waste Type and GeneratedWaste.Disposal Type.

- **Disposed Waste Quantity Percentage (WasteFootprintItem.DisposedWasteQuantityPct)**

Input Fields

- Disposed Waste Quantity in Tonnes (GeneratedWaste.DisposedWasteQuantityinTonnes)
- Waste Type (GeneratedWaste.WasteType)
- Disposal Type (GeneratedWaste.DisposalType)

Calculations

Var A = Sum of all (GeneratedWaste.Disposed Waste Quantity in Tonnes) associated with Waste Footprint.

For each unique GeneratedWaste.Waste Type and GeneratedWaste.Disposal Type, create WasteFootprintItem.Disposed Waste Quantity Percentage = $[(\text{Var A} - \text{WasteFootprintItem.Disposed Waste Quantity in Tonnes}) / \text{Var A}] \times 100$.

Generated Waste

The Generated Waste object represents the information on the waste generated in operations, the waste generated while treating end-of-life products that were sold, and so on.

Here are the calculated fields:

- **Disposed Waste Quantity in Tonnes (DisposedWasteQuantityinTonnes)**

Input Fields

- Disposed Waste Quantity (DisposedWasteQuantity)
- Disposed Waste Quantity Unit (DisposedWasteQuantityUnit)

Calculations

If Disposed Waste Quantity Unit = lb, then Disposed Waste Quantity in Tonnes = Disposed Waste Quantity $\times$ 0.000454.

If Disposed Waste Quantity Unit = kg, then Disposed Waste Quantity in Tonnes = Disposed Waste Quantity $\times$ 0.001.

If Disposed Waste Quantity Unit = Short Ton, then Disposed Waste Quantity in Tonnes = Disposed Waste Quantity $\times$ 0.9072.

If Disposed Waste Quantity Unit = Long Ton, then Disposed Waste Quantity in Tonnes = Disposed Waste Quantity $\times$ 1.016.

If Disposed Waste Quantity Unit = Tonne, then Disposed Waste Quantity in Tonnes = Disposed Waste Quantity.

- **Scope 3 Upstream Emissions from Waste Generated in Operations (tCO2e) (Scp3UpstrmWstGenInOper)**

Input Fields

- Emissions Factor Value (tCO2e/Tonne Waste Material)
(WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.EmssnFctrTco2eTonneWstMtrl)
- Waste Type (WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.WasteType)
- Disposal Type (WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.DisposalType)
- Waste Type (GeneratedWaste.WasteType)
- Disposal Type (GeneratedWaste.DisposalType)
- Disposal Site Type (GeneratedWaste.DisposalSiteType)
- Stationary Asset Environmental Source (GeneratedWaste.StnryAssetEnvrSrc)
- Supplemental Scope 3 Upstream Emissions from Waste Generated in Operations (tCO2e) (SuplScp3UpstrmWstGenInOper)
- Disposed Waste Quantity in Tonnes (DisposedWasteQuantityinTonnes)

- Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e) (Scp3DnstrmEndLifeSoldPrdct)
- Scope 1 Emissions (tCO₂e) (Scope1EmissionsInTco2e)

Calculations

Var A = WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Emissions Factor Value (tCO₂e/Tonne Waste Material) where (WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Waste Type = GeneratedWaste.Waste Type and WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Disposal Type = GeneratedWaste.Disposal Type)

If StnryAssetEnvrSrc isn't Null and Disposal Site Type = Offsite, then

Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e) = A × GeneratedWaste.Disposed Waste Quantity in Tonnes + Supplemental Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e) and Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e) = Null or Zero and Scope 1 Emissions (tCO₂e) = Null or Zero.

Else, Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e) = Supplemental Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e).

- **Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e) (Scp3DnstrmEndLifeSoldPrdct)**

Input Fields

- Emissions Factor Value (tCO₂e/Tonne Waste Material)
(WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.EmissionsFctrTco2eTonneWstMtrl)
- Waste Type (WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.WasteType)
- Disposal Type (WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.DisposalType)
- Waste Type (GeneratedWaste.WasteType)
- Disposal Type (GeneratedWaste.DisposalType)
- Scope 3 Emissions Source (GeneratedWaste.Scope3EmssnSrc)
- Disposed Waste Quantity in Tonnes (GeneratedWaste.DisposedWasteQuantityinTonnes)
- Supplemental Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e)
(GeneratedWaste.SuplScp3DnstrmEndLifeSoldPrdct)
- Supplemental Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e)
(GeneratedWaste.SuplScp3UpstrmWstGenInOper)
- Scope 1 Emissions (tCO₂e) (GeneratedWaste.Scope1EmissionsInTco2e)
- Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e) (GeneratedWaste.Scp3UpstrmWstGenInOper)

Calculations

Var A = WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Emissions Factor Value (tCO₂e/Tonne Waste Material) where (WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Waste Type = GeneratedWaste.Waste Type and WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Disposal Type = GeneratedWaste.Disposal Type)

If Scope 3 Emissions Source isn't Null, then

Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e) = A × GeneratedWaste.Disposed Waste Quantity in Tonnes + Supplemental Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e) and Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e) = Null and Scope 1 Emissions (tCO₂e) = Null

Else, Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e) = Supplemental Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e).

- **Scope 1 Emissions (tCO₂e) (Scope1EmissionsInTco2e)**

Input Fields

- Emissions Factor Value (tCO₂e/Tonne Waste Material)
(WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.EmssnFctrTco2eTonneWstMtrl)
- Waste Type (WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.WasteType)
- Disposal Type (WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.DisposalType)
- Waste Type (GeneratedWaste.WasteType)
- Disposal Type (GeneratedWaste.DisposalType)
- Disposal Site Type (GeneratedWaste.DisposalSiteType)
- Stationary Asset Environmental Source (GeneratedWaste.StnryAssetEnvrSrc)
- Supplemental Scope 1 Emissions (tCO₂e) (GeneratedWaste.SuplScope1EmissionsInTco2e)
- Disposed Waste Quantity in Tonnes (GeneratedWaste.DisposedWasteQuantityinTonnes)
- Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e) (GeneratedWaste.Sc3UpstrmWstGenInOper)
- Scope 3 Downstream Emissions from End-of-Life Treatment of Sold Products (tCO₂e) (Sc3DnstrmEndLifeSoldPrdct)

Calculations

Var A = WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Emissions Factor Value (tCO₂e/Tonne Waste Material) where
(WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Waste Type = GeneratedWaste.Waste Type and
WstDispoEmssnFctr.WstDispoEmssnFctrSetltn.Disposal Type = GeneratedWaste.Disposal Type)

If StnryAssetEnvrSrc isn't Null and Disposal Site Type = Onsite, then

Scope 1 Emissions (tCO₂e) = A × GeneratedWaste.Disposed Waste Quantity in Tonnes + Supplemental Scope 1 Emissions (tCO₂e)
and Scope 3 Upstream Emissions from Waste Generated in Operations (tCO₂e) = Null and Scope 3 Downstream Emissions from
End-of-Life Treatment of Sold Products (tCO₂e) = Null.

Else, Scope 1 Emissions (tCO₂e) = Supplemental Scope 1 Emissions (tCO₂e).

Water Management

You can record the water-related activities, such as withdrawal, consumption, or discharge of water and calculate the water footprints.

Stationary Asset Water Activity

The Stationary Asset Water Activity object represents information about the total volume of water from the water activities, such as withdrawal, consumption, or discharge that are related to the stationary assets.

Stationary Asset Water Footprint

The Stationary Asset Water Activity object represents information about the water-related activities, such as withdrawal, consumption, or discharge of water, that are related to the stationary assets.

Stationary Asset Water Activity

The Stationary Asset Water Activity object represents information about the total volume of water from the water activities, such as withdrawal, consumption, or discharge that are related to the stationary assets.

Here are the calculated fields:

- **Quantity (m3) (QuantityInM3)**

Input Fields

- Quantity (Quantity)

Calculations

Quantity (m3) = Quantity converted to m3

- **Cost Per Unit (Cost/m3)**

Input Fields

- Total Cost (TotalCost)
- Quantity (m3) (QuantityInM3)

Calculations

Cost Per Unit (Cost/m3) = Total Cost/Quantity (m3)

Stationary Asset Water Footprint

The Stationary Asset Water Activity object represents information about the water-related activities, such as withdrawal, consumption, or discharge of water, that are related to the stationary assets.

Here are the calculated fields:

- **Total Withdrawal (MI) (TotalWithdrawalInMI)**

Input Fields

- StnryAssetWaterActvty.Quantity (m3) (QuantityInM3)
- StnryAssetWaterActvty.Activity Type (ActivityType)

Calculations

If StnryAssetWaterActvty.Activity Type = "Withdrawal" then Total Withdrawal (MI) = StnryAssetWaterActvty.Quantity (m3) converted to Megaliters

- **Total Discharge (MI) (TotalDischargeInMI)**

Input Fields

- StnryAssetWaterActvty.Quantity (m3) (QuantityInM3)
- StnryAssetWaterActvty.Activity Type (ActivityType)

Calculations

If StnryAssetWaterActvty.Activity Type = "Discharge" then Total Discharge (MI) = StnryAssetWaterActvty.Quantity (m3) converted to Megaliters

- **Total Consumption (MI) (TotalConsumptionInMI)**

Input Fields

- StnryAssetWaterActvty.Quantity (m3) (QuantityInM3)
- StnryAssetWaterActvty.Activity Type (ActivityType)

Calculations

If StnryAssetWaterActvty.Activity Type = "Consumption" then Total Consumption (MI) = StnryAssetWaterActvty.Quantity (m3) converted to Megaliters

- **Total Cost (TotalCost)**

Input Fields

- StnryAssetWaterActvty.Total Cost (TotalCost)

Calculations

Total Cost = Sum(StnryAssetWaterActvty.Total Cost)

- **Floor Area Consumption Intensity (m3/m2) (FIAreaCnsmplntsInM3M2)**

Input Fields

- Total Consumption (MI) (TotalConsumptionInMI)
- Occupied Floor Area (OccupiedFloorArea)

Calculations

If Occupied Floor Area !=0

then Floor Area Consumption Intensity (m3/m2) = Total Consumption (MI)/Occupied Floor Area

else

Floor Area Consumption Intensity (m3/m2) = 0

- **Employee Consumption Intensity (m3/employee) (EmployeeCnsmplntsInM3)**

Input Fields

- Total Consumption (MI) (TotalConsumptionInMI)
- Employee Count (EmployeeCount)

Calculations

If Employee Count != 0

then Employee Consumption Intensity (m3/employee) = Total Consumption (MI)/Employee Count

else

Employee Consumption Intensity (m3/employee) = 0

- **Production Volume Consumption Intensity (m3/product)**

Input Fields

- Total Consumption (MI) (TotalConsumptionInMI)
- Total Units Manufactured (TotalUnitsManufactured)

Calculations

If TotalUnitsManufactured !=0

then Production Volume Consumption Intensity (m3/product) = Total Consumption (MI)/ Total Units Manufactured

else

Production Volume Consumption Intensity (m3/product) = 0

- **Floor Area Withdrawal Intensity (m3/m2) (FIAreaWdrwIntsInM3M2)**

Input Fields

- Total Withdrawal (MI) (TotalWithdrawalInMI)
- Occupied Floor Area (OccupiedFloorArea)

Calculations

If Occupied Floor Area != 0

then Floor Area Withdrawal Intensity (m3/m2) = Total Withdrawal (MI)/Occupied Floor Area

else

Floor Area Withdrawal Intensity (m3/m2) = 0

- **Employee Withdrawal Intensity (m3/employee) (EmployeeWdrwIntsInM3)**

Input Fields

- Total Withdrawal (MI) (TotalWithdrawalInMI)

- Employee Count (EmployeeCount)

Calculations

If Employee Count != 0

then Employee Withdrawal Intensity (m3/employee) = Total Withdrawal (MI) (TotalWithdrawalInMI) / Employee Count

else

Employee Withdrawal Intensity (m3/employee) = 0

- **Production Volume Withdrawal Intensity (m3/product)**

Input Fields

- Total Withdrawal (MI) (TotalWithdrawalInMI)

- Total Units Manufactured (TotalUnitsManufactured)

Calculations

If Total Units Manufactured != 0

then Production Volume Withdrawal Intensity (m3/product) = Total Withdrawal (MI)/ Total Units Manufactured

else

Production Volume Withdrawal Intensity (m3/product) = 0

- **Floor Area Discharge Intensity (m3/m2) (FIAreaDchgIntsInM3M2)**

Input Fields

- Total Discharge (MI) (TotalDischargeInMI)

- Occupied Floor Area (OccupiedFloorArea)

Calculations

If Occupied Floor Area != 0

then Floor Area Discharge Intensity (m3/m2) = Total Discharge (MI)/Occupied Floor Area

else

Floor Area Discharge Intensity (m3/m2) = 0

- **Employee Discharge Intensity (m3/employee) (EmployeeDchgIntsInM3)**

Input Fields

- Total Discharge (MI) (TotalDischargeInMI)

- Employee Count (EmployeeCount)

Calculations

If Employee Count != 0

then Employee Discharge Intensity (m3/employee) = Total Discharge (MI) / Employee Count

else

Employee Discharge Intensity (m3/employee) = 0

- **Production Volume Discharge Intensity (m3/product) (ProdVolumeDchgIntsInM3)**

Input Fields

- Total Discharge (MI) (TotalDischargeInMI)
- Total Units Manufactured (TotalUnitsManufactured)

Calculations

If Total Units Manufactured != 0

then Production Volume Discharge Intensity (m3/product) = Total Discharge (MI) / Total Units Manufactured

else

Production Volume Discharge Intensity (m3/product) = 0

- **High Stress Consumption Percentage (HighStressCnsmpPct)**

Input Fields

- StnryAssetWaterActvty.Activity Type (ActivityType)
- StnryAssetWaterActvty.Quantity (Quantity)
- StnryAssetWaterActvty.Quantity (m3) (QuantityInM3)
- StnryAssetWaterActvty.Environmental Risk (EnvironmentalRisk)

Calculations

High Stress Consumption Percentage = ([Sum(StnryAssetWaterActvty.Quantity) where StnryAssetWaterActvty.Activity Type = "Consumption" && StnryAssetWaterActvty.Environmental Risk = "High Stress"] / [Sum (StnryAssetWaterActvty.Quantity (m3) where StnryAssetWaterActvty.Activity Type = "Consumption")]) × 100

- **Extreme Stress Consumption Percentage (ExtremeStressCnsmpPct)**

Input Fields

- StnryAssetWaterActvty.Activity Type (ActivityType)
- StnryAssetWaterActvty.Quantity (Quantity)
- StnryAssetWaterActvty.Quantity (m3) (QuantityInM3)
- StnryAssetWaterActvty.Environmental Risk (EnvironmentalRisk)

Calculations

Extreme Stress Consumption Percentage = ([Sum(StnryAssetWaterActvty.Quantity) where StnryAssetWaterActvty.Activity Type = "Consumption" && StnryAssetWaterActvty.Environmental Risk = "Extremely High Stress"] / [Sum (StnryAssetWaterActvty.Quantity (m3) where StnryAssetWaterActvty.Activity Type = "Consumption")]) × 100

- **High Stress Withdrawal Percentage (HighStressWdrwPct)**

Input Fields

- StnryAssetWaterActvty.Activity Type (ActivityType)
- StnryAssetWaterActvty.Quantity (Quantity)

- StnryAssetWaterActvty.Quantity (m3) (QuantityInM3)
- StnryAssetWaterActvty.Environmental Risk (EnvironmentalRisk)

Calculations

High Stress Withdrawal Percentage = $\left(\frac{\text{Sum}(\text{StnryAssetWaterActvty.Quantity}) \text{ where } \text{StnryAssetWaterActvty.Activity Type} = \text{"Withdrawal"} \ \&\& \ \text{StnryAssetWaterActvty.Environmental Risk} = \text{"High Stress"} }{\text{Sum}(\text{StnryAssetWaterActvty.Quantity (m3) where } \text{StnryAssetWaterActvty.Activity Type} = \text{"Withdrawal"})} \right) \times 100$

- **Extreme Stress Withdrawal Percentage (ExtremeStressWdrwPct)**

Input Fields

- StnryAssetWaterActvty.Activity Type (ActivityType)
- StnryAssetWaterActvty.Quantity (Quantity)
- StnryAssetWaterActvty.Quantity (m3) (QuantityInM3)
- StnryAssetWaterActvty.Environmental Risk (EnvironmentalRisk)

Calculations

Extreme Stress Withdrawal Percentage = $\left(\frac{\text{Sum}(\text{StnryAssetWaterActvty.Quantity}) \text{ where } \text{StnryAssetWaterActvty.Activity Type} = \text{"Withdrawal"} \ \&\& \ \text{StnryAssetWaterActvty.Environmental Risk} = \text{"Extremely High Stress"} }{\text{Sum}(\text{StnryAssetWaterActvty.Quantity (m3) where } \text{StnryAssetWaterActvty.Activity Type} = \text{"Withdrawal"})} \right) \times 100$

- **Withdrawal Intensity Variance Percentage (WdrwIntsVariancePct)**

Input Fields

- Total Withdrawal (MI) (TotalWithdrawalInMI)
- Previous Year Water Footprint (PreviousYearWaterFtprnt)

Calculations

Withdrawal Intensity Variance Percentage = $\frac{\text{Total Withdrawal (MI)}}{\text{PreviousYearWaterFtprnt.Total Withdrawal (MI)}} \times 100$

else

Withdrawal Intensity Variance Percentage = null

- **Consumption Intensity Variance Percentage (CnsmplntsVariancePct)**

Input Fields

- Total Consumption (MI) (TotalConsumptionInMI)
- Previous Year Water Footprint (PreviousYearWaterFtprnt)

Calculations

Consumption Intensity Variance Percentage = $\frac{\text{Total Consumption (MI)}}{\text{PreviousYearWaterFtprnt.Total Consumption (MI)}} \times 100$

else

Consumption Intensity Variance Percentage = null

- **Discharge Intensity Variance Percentage (DchglntsVariancePct)**

Input Fields

- Total Discharge (MI) (TotalDischargeInMI)
- Previous Year Water Footprint (PreviousYearWaterFtprnt)

Calculations

Discharge Intensity Variance Percentage = Total Discharge (MI) = (PreviousYearWaterFtprnt.Total Discharge (MI)/PreviousYearWaterFtprnt.Total Discharge (MI)) × 100

else

Discharge Intensity Variance Percentage = null

Stationary Asset Water Footprint Item

The Stationary Asset Water Footprint Item object represents information about the total volume of water from each water activity, such as withdrawal, consumption, or discharge related to the stationary assets. Each water activity is a child record of the stationary asset water footprint object.

Stationary Asset Water Footprint Item

The Stationary Asset Water Footprint Item object represents information about the total volume of water from each water activity, such as withdrawal, consumption, or discharge related to the stationary assets. Each water activity is a child record of the stationary asset water footprint object.

Here are the calculated fields:

- **Water Activity Percentage (WaterActivityPct)**

Input Fields

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)
- Total Withdrawal (MI) (TotalWithdrawalInMI)
- Total Discharge (MI) (TotalDischargeInMI)
- Total Consumption (MI) (TotalConsumptionInMI)

Calculations

If Activity Type = "Consumption" then Water Activity Percentage = (Quantity (MI)/Total Consumption (MI)) × 100

If Activity Type = "Discharge" then Water Activity Percentage = (Quantity (MI)/Total Discharge (MI)) × 100

If Activity Type = "Withdrawal" then Water Activity Percentage = (Quantity (MI)/Total Withdrawal (MI)) × 100

Science Based Targets

You can set quantitative targets that align with science-based criteria to reduce your company's emissions and get closer to a net zero future.

When you select Absolute Contraction as the target setting in Emissions Reduction Target, the system calculates the targets from base year to target year.

Fields

- Emissions Reduction Target (EmssnReductionTarget)
 - Target Setting Method (TargetSettingMethod)
 - Target Year Emissions (TargetYearEmissions)
 - Target Year (TargetYear)

- Target Emissions Change Percentage (TargetEmssnChangePercentage)
- Category (Category)
- Target Setting Method (TargetSettingMethod)
- Absolute Contraction Percentage (AbsoluteContractionPercentage)
- Custom Absolute Contraction Percentage (CustomAbsoluteContractionPct)
- Base Year Emissions (BaseYearEmissions)
- Base Year (BaseYear)
- Annual Emissions Reduction Target (AnnualEmssnRdctnTarget)
 - Target Emissions (tCO2e) (TargetEmissions)
 - Target Year (TargetYear)
 - Emissions Reduction Percentage (EmissionsReductionPercentage)
- Emissions Reduction Commitment (EmssnRdctnCommitment)
 - Commitment Type (CommitmentType)

Calculations

- **EmssnReductionTarget.Target Year Emissions**

EmssnReductionTarget.Target Year Emissions = AnnualEmssnRdctnTarget.Target Emissions (tCO2e) where
 AnnualEmssnRdctnTarget.Target Year = EmssnReductionTarget.Target Year

- **EmssnReductionTarget.Target Emissions Change Percentage**

EmssnReductionTarget.Target Emissions Change Percentage = AnnualEmssnRdctnTarget.Emissions Reduction Percentage where
 AnnualEmssnRdctnTarget.Target Year = EmssnReductionTarget.Target Year

- **AnnualEmssnRdctnTarget.Target Emissions (tCO2e)**

Conditions

- If EmssnReductionTarget.Category = "Science Based" and EmssnReductionTarget.Target Setting Method = "Absolute Contraction" and EmssnRdctnCommitment.Commitment Type = "1.5° Celsius"
 Then EmssnReductionTarget.Absolute Contraction Percentage = 4.2%
- If EmssnReductionTarget.Category = "Science Based" and EmssnReductionTarget.Target Setting Method = "Absolute Contraction" and EmssnRdctnCommitment.Commitment Type = "2° Celsius" or "Well Below 2° Celsius"
 Then EmssnReductionTarget.Absolute Contraction Percentage = 2.5%
- If EmssnReductionTarget.Target Setting Method = "Absolute Contraction" and EmssnReductionTarget.Absolute Contraction Percentage="Custom"
 Then EmssnReductionTarget.Absolute Contraction Percentage = EmssnReductionTarget.Custom Absolute Contraction Percentage
- If EmssnReductionTarget.Target Setting Method = "Absolute Contraction", click **Save** to create Annual Emission Reduction Target records for each year from base year to target year and AnnualEmssnRdctnTarget.Target Emissions and AnnualEmssnRdctnTarget.Emissions Reduction Percentage for the target year are added in EmssnReductionTarget.

If EmssnReductionTarget.Absolute Contraction Percentage = 4.2%, then Percent = 0.042

If EmssnReductionTarget.Absolute Contraction Percentage = 2.5%, then Percent = 0.025

If EmssnReductionTarget.Absolute Contraction Percentage = Custom, then Percent = (EmssnReductionTarget.Custom Absolute Contraction Percentage / 100)

If $\text{Var A} = \text{AnnualEmssnRdctnTarget.Target Emissions (tCO2e) for base year} + 1 = \text{EmssnReductionTarget.Base Year Emissions} - (\text{Percent} * \text{EmssnReductionTarget.Base Year Emissions})$

$\text{Var B} = \text{AnnualEmssnRdctnTarget.Target Emissions (tCO2e) for base year} + 2 = \text{A} - (\text{Percent} * \text{A})$

The $\text{AnnualEmssnRdctnTarget.Target Emissions (tCO2e)}$ for all years from base year + 1 to $\text{AnnualEmssnRdctnTarget.Target Year}$ are calculated.

For example, if $\text{EmssnReductionTarget.Absolute Contraction Percentage} = 4.2\%$, $\text{EmssnReductionTarget.Base Year} = 2021$, and $\text{AnnualEmssnRdctnTarget.Target Year} = 2030$, then here's how the $\text{AnnualEmssnRdctnTarget.Target Emissions}$ are calculated:

Table 7: Calculate AnnualEmssnRdctnTarget.Target Emissions (tCO2e)

Target Emissions (tCO2e)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	1455385	1394259	1335700	1279601	1225857	1174371	1125048	1077796	1032528	989162	947617

- AnnualEmssnRdctnTarget.Emissions Reduction Percentage**

If $\text{var X} = \text{EmssnReductionTarget.Base Year Emissions}$

then $\text{AnnualEmssnRdctnTarget.Emissions Reduction Percentage for base year} + 1 = (\text{Base Emissions in Base Year} + 1 - \text{X}) / \text{X}$

$\text{Emissions Reduction Percentage for base year} + 2 = (\text{Base Emissions in base year} + 2 - \text{X}) / \text{X}$

The $\text{AnnualEmssnRdctnTarget.Emissions Reduction Percentage}$ for all years from base year + 1 to $\text{AnnualEmssnRdctnTarget.Target Year}$ are calculated.

For example, if $\text{EmssnReductionTarget.Absolute Contraction Percentage} = 4.2\%$, $\text{EmssnReductionTarget.Base Year} = 2021$, and $\text{AnnualEmssnRdctnTarget.Target Year} = 2030$, then here's how the $\text{AnnualEmssnRdctnTarget.Emissions Reduction Percentage}$ are calculated:

Table 8: Calculate AnnualEmssnRdctnTarget.Emissions Reduction Percentage

Emissions Reduction Percentage	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
		-4.20%	-8.22%	-12.08%	-15.77%	-19.31%	-22.70%	-25.94%	-29.05%	-32.03%	-34.89%

Emissions Forecasts

You can forecast emissions based on your past and present emissions and predict how your business will grow in the future. Generate forecasts for your emissions based on your carbon footprint information and emissions commitment and targets for a defined period. Create formulas to calculate your forecasts per the requirements of your company.

Emissions Activities

Emissions activities are the emissions generating activities mapped to the greenhouse gas categories that are used to aggregate emissions. There will be multiple emissions activities seeded in the forecast set.

Table 9: Emissions Activities and Their Emissions Scope Categories

Emissions Activity	Emissions Scope Category
All Emissions	
Scope 1	All Emissions
Scope 2	All Emissions
Scope 3	All Emissions
Scope 1 and Scope 2	All Emissions
Scope 1 Stationary Assets - Commercial Building	Scope1
Scope 1 Stationary Assets - Data Center	Scope1
Scope 1 Vehicle Assets - Fleet Vehicles	Scope1
Scope 1 Vehicle Assets - Private Jet	Scope1
Scope 2 Stationary Assets - Commercial Building	Scope2
Scope 2 Stationary Assets - Data Center	Scope2
Scope 2 Vehicle Assets - Fleet Vehicles	Scope2
Scope 2 Vehicle Assets - Private Jet	Scope2
Scope 3 Stationary Assets - Commercial Building	Scope3
Scope 3 Stationary Assets - Data Center	Scope3
Scope 3 Vehicle Assets - Fleet Vehicles	Scope3
Scope 3 Vehicle Assets - Private Jet	Scope3
Scope 3 Business Travel	Scope3
Scope 3 Business Travel Procurement	Scope3
Scope 3 Capital Goods	Scope3
Scope 3 Downstream Leased Assets	Scope3
Scope 3 Downstream Transportation Distribution	Scope3
Scope 3 End-Life Treatment of Sold Product	Scope3
Scope 3 Franchising	Scope3
Scope 3 Fuel and Energy-Related Activity	Scope3
Scope 3 Investments	Scope3
Scope 3 Processing Sold Products	Scope3
Scope 3 Purchased Goods Services	Scope3
Scope 3 Upstream Leased Assets	Scope3
Scope 3 Upstream Transportation Distribution	Scope3

Emissions Activity	Emissions Scope Category
Scope 3 Use of Sold Products	Scope3
Scope 3 Uncategorized Emissions	Scope3
Scope 3 Waste Generated in Operations	Scope3
Scope 3 Employee Commuting	Scope3

Measures

Measures are the values used to calculate the emissions forecasts.

See Measures, Types, and Their Calculation Methods in [Measure Types](#).

Emissions Activity and Related Business Metric

Business metrics are the measures that form the basis of forecasting.

See Emissions Activity and Business Metrics in [Measure Types](#).

Calculations at Different Emissions Activity Levels

Emissions forecasting calculations are performed for all emissions activities. At the lowest level of emissions activity, calculations are performed considering forecasting formulae. At higher levels (Scope 1, 2 or 3 and All Emissions), forecasting is performed by aggregating forecasts of the constituent emissions activity. For more information about emissions activities, see [Emissions Activities and Their Emissions Scope Categories](#).

- **Emission calculations for lowest level emissions activities**

Emissions forecasting for lowest level emissions activities is based on the business metric value you provide. You must upload the business metric measures before performing emissions forecasting. For each emissions activity, we calculate:

- Target data: If an emissions activity has a target defined for a year, you must retrieve that information based on the related Annual Emissions Reduction Target records.
- Target Emissions (tCo2e) (TargetEmissions)

Input Fields

- Emissions Forecast Fact (EmissionsForecastFact)
- Emissions Reduction Target (EmssnReductionTarget)
 - Target Type (TargetType)
- Annual Emissions Reduction Target (AnnualEmssnRdctnTarget)

Calculations

If `EmssnReductionTarget.Target Type = "Emission Reduction"`

then `EmissionsForecastFact.Target Emissions (tCo2e) = AnnualEmssnRdctnTarget.Target Emissions (tCo2e)`

- Target Compensated Emissions (tCo2e) (TargetCompensatedEmissions)

Input Fields

- Emissions Forecast Fact (EmissionsForecastFact)
- Emissions Reduction Target (EmssnReductionTarget)
 - Target Type (TargetType)
- Annual Emissions Reduction Target (AnnualEmssnRdctnTarget)

Calculations

If EmssnReductionTarget.Target Type = "Net Zero Emissions"
then EmissionsForecastFact.Target Compensated Emissions (tCo2e) = AnnualEmssnRdctnTarget.Target Emissions (tCo2e)

- Target Renewable Energy Percentage (TargetRenewableEnergyPct)

Input Fields

- Emissions Forecast Fact (EmissionsForecastFact)
- Emissions Reduction Target (EmssnReductionTarget)
 - Other Target KPI (OtherTargetKpi)
 - Target Type (TargetType)
- Annual Emissions Reduction Target (AnnualEmssnRdctnTarget)

Calculations

If EmssnReductionTarget.Target Type = "Custom" and EmssnReductionTarget.Other Target KPI = "Renewable Energy Electricity Percentage"
then EmissionsForecastFact.Target Renewable Energy Percentage = AnnualEmssnRdctnTarget.Target Emissions (tCo2e)

 **Note:** This value is used only for Scope 2 Stationary Assets - Commercial Building and Scope2 Scope 2 Stationary Assets - Data Center emissions activities.

- Actual data: To calculate emissions forecasts, you must have the actual emissions data from past years retrieved from the Annual Emissions Inventory records.

Here's a list of emissions activities and their related values from the Emissions Forecast Fact and Annual Emissions Inventory records:

Input Fields

- Emissions Forecast Fact (EmissionsForecastFact)
- Annual Emissions Inventory (AnnualEmssnInventory)

Table 10: Emissions Activity and Annual Emissions Inventory

Emissions Activity	Annual Emissions Inventory	Actual Emissions Intensity
All Emissions	EmissionsForecastFact.Actual Emissions (tCO2e) = AnnualEmssnInventory.Total Emissions (tCO2e)	
Scope 1	EmissionsForecastFact.Actual Emissions (tCO2e) = AnnualEmssnInventory.Total Scope 1 Emissions (tCO2e)	

Emissions Activity	Annual Emissions Inventory	Actual Emissions Intensity
Scope 2	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Total Scope 2 Emissions (tCO ₂ e)	
Scope 3	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Total Scope 3 Emissions (tCO ₂ e)	
Scope 1 Stationary Assets - Commercial Building	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 1 Emissions from Commercial Buildings (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Total Floor Area (sqft)
Scope 1 Stationary Assets - Data Center	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 1 Emissions from Data Centers (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 1 Vehicle Assets - Fleet Vehicles	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 1 Emissions from Fleet Vehicles (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 1 Vehicle Assets - Private Jet	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 1 Emissions from Private Jets (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 2 Stationary Assets - Commercial Building	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 2 Location-Based Emissions from Commercial Buildings (tCO ₂ e)	EmissionsForecastFact.Actual Emissions/Total Floor Area (sqft)
Scope 2 Stationary Assets - Data Center	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 2 Location-Based Emissions from Data Centers (tCO ₂ e)	EmissionsForecastFact.Actual Emissions/Revenue
Scope 2 Vehicle Assets - Fleet Vehicles	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 2 Emissions from Fleet Vehicles (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 2 Vehicle Assets - Private Jet	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 2 Emissions from Private Jets (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Stationary Assets - Commercial Building	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Commercial Buildings (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Total Floor Area (sqft)
Scope 3 Stationary Assets - Data Center	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Data Centers (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue

Emissions Activity	Annual Emissions Inventory	Actual Emissions Intensity
Scope 3 Vehicle Assets - Fleet Vehicles	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Fleet Vehicles (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Vehicle Assets - Private Jet	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Private Jets (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Business Travel	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Business Travel (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Capital Goods	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Capital Goods (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Downstream Leased Assets	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Downstream Leased Assets (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Downstream Transportation Distribution	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Downstream Transportation and Distribution (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 End-Life Treatment of Sold Product	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Use of Sold Products (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Franchising	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Franchises (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Fuel and Energy-Related Activity	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Fuel and Energy-Related Activity	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Investments	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Investments (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue
Scope 3 Processing Sold Products	EmissionsForecastFact.Actual Emissions (tCO ₂ e) = AnnualEmssnInventory.Scope 3 Emissions from Processing of Sold Products (tCO ₂ e)	EmissionsForecastFact.Actual Emissions (tCo ₂ e)/Revenue

Emissions Activity	Annual Emissions Inventory	Actual Emissions Intensity
Scope 3 Purchased Goods Services	$\text{EmissionsForecastFact.Actual Emissions (tCO}_2\text{e)} = \text{AnnualEmssnInventory.Scope 3 Emissions from Purchased Goods and Services (tCO}_2\text{e)}$	$\text{EmissionsForecastFact.Actual Emissions (tCo}_2\text{e)}/\text{Spend}$
Scope 3 Upstream Leased Assets	$\text{EmissionsForecastFact.Actual Emissions (tCO}_2\text{e)} = \text{AnnualEmssnInventory.Scope 3 Emissions from Upstream Leased Assets (tCO}_2\text{e)}$	$\text{EmissionsForecastFact.Actual Emissions (tCo}_2\text{e)}/\text{Revenue}$
Scope 3 Upstream Transportation Distribution	$\text{EmissionsForecastFact.Actual Emissions (tCO}_2\text{e)} = \text{AnnualEmssnInventory.Scope 3 Emissions from Upstream Transportation and Distribution(tCO}_2\text{e)}$	$\text{EmissionsForecastFact.Actual Emissions (tCo}_2\text{e)}/\text{Revenue}$
Scope 3 Use of Sold Products	$\text{EmissionsForecastFact.Actual Emissions (tCO}_2\text{e)} = \text{AnnualEmssnInventory.Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO}_2\text{e)}$	$\text{EmissionsForecastFact.Actual Emissions (tCo}_2\text{e)}/\text{Revenue}$
Scope 3 Uncategorized Emissions	$\text{EmissionsForecastFact.Actual Emissions (tCO}_2\text{e)} = \text{AnnualEmssnInventory.Scope 3 Uncategorized Emissions (tCO}_2\text{e)}$	$\text{EmissionsForecastFact.Actual Emissions (tCo}_2\text{e)}/\text{Revenue}$
Scope 3 Waste Generated in Operations	$\text{EmissionsForecastFact.Actual Emissions (tCO}_2\text{e)} = \text{AnnualEmssnInventory.Scope 3 Emissions from Waste Generated in Operations (tCO}_2\text{e)}$	$\text{EmissionsForecastFact.Actual Emissions (tCo}_2\text{e)}/\text{Revenue}$
Scope 3 Employee Commuting	$\text{EmissionsForecastFact.Actual Emissions (tCO}_2\text{e)} = \text{AnnualEmssnInventory.Scope 3 Emissions from Employee Computing (tCO}_2\text{e)}$	$\text{EmissionsForecastFact.Actual Emissions (tCo}_2\text{e)}/\text{Employee Count}$

- Emissions forecast: Based on the measures corresponding to the business metrics and the actual data, forecasts are calculated for future years based on intensity.

Calculation

Intensity = Actual emissions/Business metric

Forecasted Emissions (tCO₂e) = Business metric for the future year * Intensity

For example, for Scope 3 Business Travel emissions activity:

- If actual emissions for 2021 = 100 tCO₂e and the revenue business metric = 1000
Intensity in terms of revenue = $100/1000 = 0.1$.



Note: Intensity is always determined based on the previous year's actual measures.

- If the revenue in 2026 = 2000
Forecasted Emissions (tCO₂e) = $2000 * 0.1 = 200 \text{ tCO}_2\text{e}$

- **Emissions forecasts for higher-level emissions activities**

Emissions forecasting for higher-level emissions activities, such as Scope 1, Scope 2, Scope 3 and All Emissions, the Forecasted Emissions (tCO₂e) is the sum of the Forecasted Emissions (tCO₂e) of the lower-level emissions activities.

For example, the Forecasted Emissions (tCO₂e) for Scope 1 emissions activity is the sum of Forecasted Emissions (tCO₂e) of all the emissions activities where Emissions Scope Category = Scope 1.

Adjust forecasts based on the emissions intensity reduction percentage

You can adjust the final forecasted emissions value for an emissions activity by entering a value for Forecasted Emissions Intensity Reduction Percentage as:

Calculation

Final Forecasted Emissions (tCO₂e) = (100 - Forecasted Emissions Intensity Reduction Percentage)% * Forecasted Emissions (tCO₂e)

For example, if Forecasted Emissions Intensity Reduction Percentage for the year 2026 = 40%

then Final Forecasted Emissions (tCO₂e) in 2026 = (100-40)% * 200 = 120 tCO₂e

If Emissions Activity = All Emissions

then Final Forecasted Emissions (tCO₂e)= Forecasted Emissions (tCO₂e)

Adjust forecasts based on planned emissions reduction programs

You can adjust the final forecasted emissions for an emissions activity by entering values for Planned Operational Emissions Reduction (tCO₂e) and Planned Supplier Emissions Reduction (tCO₂e) to include values from emissions reduction programs either within your company or in your company's supply chain as:

Calculation

Final Forecasted Emissions (tCO₂e) = Final Forecasted Emissions (tCO₂e) - Planned Operational Emissions Reduction (tCO₂e) - Planned Supplier Emissions Reduction (tCO₂e)

For example, if Planned Operational Emissions Reduction (tCO₂e) for the year 2026 = 20 and Planned Supplier Emissions Reduction (tCO₂e) for the year 2026 = 30

then Final Forecasted Emissions (tCO₂e) = 120- 20 -30 = 70 tCO₂e

If Emissions Activity = All Emissions

then Final Forecasted Emissions (tCO₂e)= Forecasted Emissions (tCO₂e)

Manually specified forecasts

You can manually override the final forecasted emissions value for an emissions activity by entering a value for Forecasted Emissions Override (tCO₂e)

Calculation

Final Forecasted Emissions (tCO₂e) = Forecasted Emissions Override (tCO₂e)

For example, if Forecasted Emissions Override (tCO₂e) for 2026 = 95 tCO₂e

then Final Forecasted Emissions (tCO₂e) = 95 tCO₂e

All other calculations, such as forecasts based on intensity reduction percentage and planned emissions reduction programs are ignored.

Sustainability Scorecard

You can calculate the annual sustainability scorecard of third-party organizations whose data is used to calculate scope 3 emissions.

Here are the calculated fields:

- **Total Spent Amount (CompanyAnnualExpenditure)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
- Scope3PcmtItem.SpentAmount
- Scope3PcmtItem.Calculated Scope 3 Emissions (tCO2e) (CalculatedScope3EmssnInTco2e)
- Scope3PcmtItem.Sustainability Scorecard (SustainabilityScorecard)

Calculations

Total Spent Amount = Sum of all Scope3PcmtItem.Spent Amount associated with this scorecard.

This value is calculated when you click Associate Items based on the Scope 3 Procurement Item.SpentAmount, Scope3PcmtItem.Calculated Scope 3 Emissions (tCO2e) and Scope3PcmtItem.Sustainability Scorecard lookup

- **Annual Spend Based Scope 3 Emissions (CompanyAnnualExpenditureEmssn)**

Input Fields

- Scope 3 Procurement Item (Scope3PcmtItem)
- Scope3PcmtItem.SpentAmount
- Scope3PcmtItem.Calculated Scope 3 Emissions (tCO2e) (CalculatedScope3EmssnInTco2e)
- Scope3PcmtItem.Sustainability Scorecard (SustainabilityScorecard)

Calculations

Total Spent Amount = Sum of all Scope3PcmtItem.Calculated Scope 3 Emissions (tCO2e) associated with this scorecard.

This value is calculated when you click Associate Items based on the Scope 3 Procurement Item.SpentAmount, Scope3PcmtItem.Calculated Scope 3 Emissions (tCO2e) and Scope3PcmtItem.Sustainability Scorecard lookup

- **Allocation Status (AllocationStatus)**

Calculations

If customer has allocated emissions using the allocate quick action

Allocation Status = "Allocated"

If customer has NOT allocated emissions using the allocate quick action / any changes(certain field) to scorecard

Allocation Status = "Not Allocated"

Also, anytime Annual Spend Based Scope 3 Emissions (CompanyAnnualExpenditureEmssn), Final Scorecard Emissions (FinalScorecardEmissions) change Allocation Status = Not Allocated

- **Supplier Annual Revenue Emissions (SupplierAnnualRevenueEmissions)**

Input Fields

- Supplier Annual Revenue (SupplierAnnualRevenue)
- Final Scorecard Emissions (FinalScorecardEmissions)
- Supplier-Provided Emissions Type (EmissionsAllocationType)

- Scopes to Include in Calculation (ScopestoIncludeinCalc)

Calculations

If Supplier-Provided Emissions Type = "Total Supplier Emissions"

Supplier Annual Revenue Emissions = (Total Spent Amount / Supplier Annual Revenue) * (sum of relevant scopes based on the values selected in Scopes to Include in Calculation)

else

Supplier Annual Revenue Emissions = 0

- **Percentage Based Emissions (PercentageBasedEmissions)**

Input Fields

- Company Emissions Allocation Percentage (CompanyEmissionsAllocationPct)
- Supplier-Provided Emissions Type (EmissionsAllocationType)

Calculations

If Supplier-Provided Emissions Type = "Total Supplier Emissions"

Percentage Based Emissions = CompanyEmissionsAllocationPct * (sum of relevant scopes based on the values selected in Scopes to Include in Calculation)

else

Percentage Based Emissions = 0

- **Supplier Provided Emissions (SupplierProvidedEmissions)**

Input Fields

- Supplier-Provided Emissions Type (EmissionsAllocationType)
- Scopes to Include in Calculation (ScopestoIncludeinCalc)

Calculations

If Supplier-Provided Emissions Type = "Supplier-Allocated Emissions"

Supplier Provided Emissions = sum of scopes based on values selected in Scopes to Include in Calculation

Else

Supplier Provided Emissions = 0

- **Final Scorecard Emissions (FinalScorecardEmissions)**

Input Fields

- Scope 3 Emissions Calculation Measure (Scope3EmssnCalculationMeasure)
- Annual Spend Based Scope 3 Emissions (CompanyAnnualExpenditureEmssn)
- Supplier Annual Revenue Emissions (SupplierAnnualRevenueEmissions)
- Percentage Based Emissions (PercentageBasedEmissions)
- Supplier Provided Emissions (SupplierProvidedEmissions)

Calculations

If Scope 3 Emissions Calculation Measure = "Spend Based"

Final Scorecard Emissions=Annual Spend Based Scope 3 Emissions

If Scope 3 Emissions Calculation Measure = "Revenue Based"

Final Scorecard Emissions=Supplier Annual Revenue Emissions

If Scope 3 Emissions Calculation Measure = "Percentage Based"

Final Scorecard Emissions=Percentage Based Emissions

If Scope 3 Emissions Calculation Measure = "Supplier Provided"

Final Scorecard Emissions=Supplier Provided Emissions

Building Size Category

The Building Size Category object represents the building size filter criteria for the building energy intensity records. The building size filter criteria are stored as a range of floor area sizes from a minimum size to a maximum size, in units of sqft or m². The records can have overlapping minimum-maximum ranges.

Here are the calculated fields:

- Maximum Size (sqft) (MaximumSizeInSqft)

Input fields

Size Unit (SizeUnit)

Maximum Size (MaximumSize)

If Size Unit = sqft

Maximum Size (sqft) = Maximum Size

else

Maximum Size (sqft) = Maximum Size converted to sqft

- Minimum Size (sqft) (MinimumSizeInSqft)

Input fields

Size Unit (SizeUnit)

Minimum Size (MinimumSize)

If Size Unit = sqft

Minimum Size (sqft) = Minimum Size

else

Minimum Size (sqft) = Minimum Size converted to sqft

Building Energy Intensity

The Building Energy Intensity (BEI) object represents the average energy intensity by fuel type across a set of buildings. You can derive this data from published sources or by using energy use records as the data source and then setting up a window of time with some characteristics of the building size and type.

Here are the calculated fields:

Input fields:

- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Start Date (StartDate)

- End Date (EndDate)
- Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
- Occupied Floor Area (sqft) (OccupiedFloorAreaInSqft)
- Fuel Type (FuelType)
- Building Energy Intensity (BldgEnrgyIntensity)
 - Averaging Window Start Date (AveragingWindowStartDate)
 - Averaging Window End Date (AveragingWindowEndDate)

Output fields:

- Building Energy Intensity (BldgEnrgyIntensity)
 - Annual Energy Intensity (kWh/sqft) (AnnualEnergyIntensityInKwhSqft)
 - Annual Energy Intensity (kWh/m2) (AnnualEnergyIntensityInKwhM2)
- Building Energy Intensity Value (BldgEnrgyIntensityVal)
 - Annual Intensity Value (kWh/sqft) (AnnualIntensityValueInKwhSqft)
 - Annual Intensity Value (kWh/m2) (AnnualIntensityValueInKwhM2)

Calculations

- For each Stationary Asset Energy Use
 - Number of days inside window = Input End Date - Input Start Date
 - Where:
 - Input Start Date = If(StnryAssetEnrgyUse.Start Date > BldgEnrgyIntensity.Averaging Window Start Date, StnryAssetEnrgyUse.Start Date, BldgEnrgyIntensity.Averaging Window Start Date)
 - Input End Date = If(StnryAssetEnrgyUse.End Date < BldgEnrgyIntensity.Averaging Window End Date, StnryAssetEnrgyUse.End Date, BldgEnrgyIntensity.Averaging Window End Date)
 - Reported days = StnryAssetEnrgyUse.End Date - StnryAssetEnrgyUse.Start Date
 - Intensity per sqft (kWh/sqft) = StnryAssetEnrgyUse.Total Fuel Consumption In Kwh / StnryAssetEnrgyUse.Occupied Floor Area In Sqft
 - Intensity per sqft per day (kWh/sqft/day) = Intensity per sqft / Reported days
 - Intensity per sqft inside window (kWh/sqft) = Intensity per sqft per day * Number of days inside window
- For each Fuel Type
 - Total Energy Intensity (kWh/sqft) = SUM(Intensity per sqft inside window (kWh/sqft))
 - Total Days = SUM(Number of days inside window)
- For each Fuel Type
 - Total Energy Intensity per Day (kWh/sqft/day) = Total Energy Intensity (kWh/sqft) / Total Days

- $\text{BldgEnrgyIntensityVal.Annual Intensity Value (kWh/sqft)} = \text{Total Energy Intensity per Day (kWh/sqft/day)} * 365$
- $\text{BldgEnrgyIntensityVal.Annual Intensity Value (kWh/m}^2\text{)} = \text{BldgEnrgyIntensityVal.Annual Intensity Value (kWh/sqft)} * 0.092903$
- For Building Energy Intensity
 - $\text{BldgEnrgyIntensity.Annual Intensity Value (kWh/sqft)} = \text{SUM}(\text{BldgEnrgyIntensityVal.Annual Intensity Value (kWh/sqft)})$
 - $\text{BldgEnrgyIntensity.Annual Intensity Value (kWh/m}^2\text{)} = \text{BldgEnrgyIntensityVal.Annual Intensity Value (kWh/sqft)} * 0.092903$

Data Gap Filling

You can locate the sources of gaps in carbon footprint record data and resolve them.

Here are the calculated fields:

Input fields

- Building Energy Intensity Value (BldgEnrgyIntensityVal)
 - Annual Intensity Value (kWh/m²) (AnnualIntensityValueInKwhM2)
- Stationary Asset Carbon Footprint (StnryAssetCrbnFtpmnt)
 - Regional Building Energy Intensity (RegionalBldgEnergyIntensity)
 - Building Energy Intensity (BuildingEnergyIntensity)
 - Occupied Floor Area (OccupiedFloorArea)
- Stationary Asset Energy Use (StnryAssetEnrgyUse)
 - Total Fuel Consumption (kWh) (TotalFuelConsumptionInKwh)
 - Start Date (StartDate)
 - End Date (EndDate)

Calculations

- If Fill Method = Regional Building Energy Intensity, then
 Fill Data = $\text{StnryAssetCrbnFtpmnt.RegionalBldgEnergyIntensity.BldgEnrgyIntensityVal (for the fuel type).Annual Intensity Value (kWh/m}^2\text{)} * \text{Occupied Floor Area} / 365 * \text{data gap duration}$
- If Fill Method = Building Energy Intensity, then
 Fill Data = $\text{StnryAssetCrbnFtpmnt.BuildingEnergyIntensity.BldgEnrgyIntensityVal (for the fuel type).Annual Intensity Value (kWh/m}^2\text{)} * \text{Occupied Floor Area} / 365 * \text{data gap duration}$
- If Fill Method = Previous Year Daily Average, then
 Fill Data = $\text{SUM}(\text{StnryAssetCrbnFtpmnt.PrevYrAnnlCarbonFootprint.StnryAssetEnrgyUse.Total Fuel Consumption (kWh)}) / \text{SUM}(\text{StnryAssetCrbnFtpmnt.PrevYrAnnlCarbonFootprint.StnryAssetEnrgyUse.End Date} - \text{StnryAssetCrbnFtpmnt.PrevYrAnnlCarbonFootprint.StnryAssetEnrgyUse.Start Date}) \text{ for the selected fuel type}$
- If Fill Method = Current Year Daily Average, then

Fill Data = $\text{SUM}(\text{StnryAssetCrbnFtpnt.StnryAssetEnrgyUse.Total Fuel Consumption (kWh)}) / \text{SUM}(\text{StnryAssetCrbnFtpnt.StnryAssetEnrgyUse.End Date} - \text{StnryAssetCrbnFtpnt.StnryAssetEnrgyUse.Start Date})$ for the selected fuel type

Allocate Carbon Credits

Allocate carbon credits to offset the unavoidable emissions.

Carbon Credit Project

The Carbon Credit Project object represents information about the environmental project that generates carbon credits by removing greenhouse gases or preventing a certain quantity of greenhouse gases from being released.

Sustainability Credit

The Sustainability Credit object represents information about the sustainability credits that are a part of a sustainability purchase. Sustainability credits can be one of a variety of instruments used in proving positive environmental benefits, such as carbon credits, renewable energy certificates, and so on.

Carbon Credit Allocation

The Carbon Credit Allocation object represents information about how the carbon credits are allocated by an organization to offset their emissions.

Carbon Credit Distribution

The Carbon Credit Distribution object represents a junction between the sustainability credit and carbon credit allocation objects. To offset emissions for carbon credit allocation items, specify the emissions activity on this junction object.

Carbon Credit Project

The Carbon Credit Project object represents information about the environmental project that generates carbon credits by removing greenhouse gases or preventing a certain quantity of greenhouse gases from being released.

Here are the calculated fields:

- **Total Carbon Credit Allocated (tCO₂e) (TotalCrbnCrAllocInTco2e)**

Input Fields

- SustainabilityCredit.Credits Allocated (CreditsAllocated)

Calculations

Total Carbon Credit Allocated (tCO₂e) = Sum of SustainabilityCredit.Credits Allocated for the associated Carbon Credit Project.

- **Total Carbon Credit Purchased (tCO₂e) (TotalCrbnCrPurchInTco2e)**

Input Fields

- SustainabilityCredit.Credits Purchased (CreditsPurchased)

Calculations

Total Carbon Credit Purchased (tCO₂e) = Sum of SustainabilityCredit.Credits Purchased for the associated Carbon Credit Project.

- **Total Spend (TotalSpend)**

Input Fields

- SustainabilityCredit.Total Spend (TotalCost)

Calculations

Total Spend = Sum of SustainabilityCredit.Total Spend for the associated Carbon Credit Project.

- **Total Carbon Credit Available (tCO2e) (TotalCrbnCrAvlInTco2e)**

Input Fields

- Total Carbon Credit Purchased (tCO2e) (TotalCrbnCrPurchInTco2e)
- Total Carbon Credit Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

Calculations

Total Carbon Credit Available (tCO2e) = Total Carbon Credits Purchased (tCO2e) - Total Carbon Credits Allocated (tCO2e)

Sustainability Credit

The Sustainability Credit object represents information about the sustainability credits that are a part of a sustainability purchase. Sustainability credits can be one of a variety of instruments used in proving positive environmental benefits, such as carbon credits, renewable energy certificates, and so on.

Here are the calculated fields:

- **Credits Allocated (CreditsAllocated)**

Input Fields

- CrbnCreditDistribution.Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

Calculations

Credits Allocated = Sum of CrbnCreditDistribution.Total Carbon Credits Allocated (tCO2e)

- **Credits Available (CreditsAvailable)**

Input Fields

- Credits Purchased (CreditsPurchased)
- Credits Allocated (CreditsAllocated)

Calculations

Credits Available = Credits Purchased - Credits Allocated

- **Total Spend (TotalCost)**

Input Fields

- Credits Purchased (CreditsPurchased)
- Cost Per Unit (CostPerUnit)

Calculations

Total Spend = Credits Purchased × Cost Per Unit

Carbon Credit Allocation

The Carbon Credit Allocation object represents information about how the carbon credits are allocated by an organization to offset their emissions.

Here are the calculated fields:

- **Scope 1 Carbon Credit Allocation (tCO₂e) (Scp1CrbnCrAllocInTco2e)**

Input Fields

- CrbnCreditAllocItem.Total Carbon Credits Allocated (tCO₂e) (TotalCrbnCrAllocInTco2e)

Calculations

Scope 1 Carbon Credit Allocation (tCO₂e) = Sum of CrbnCreditAllocItem.Total Carbon Credits Allocated (tCO₂e) for all scope 1 emissions activities

- **Scope 2 Carbon Credit Allocation (tCO₂e) (Scp2CrbnCrAllocInTco2e)**

Input Fields

- CrbnCreditAllocItem.Total Carbon Credits Allocated (tCO₂e) (TotalCrbnCrAllocInTco2e)

Calculations

Scope 2 Carbon Credit Allocation (tCO₂e) = Sum of CrbnCreditAllocItem.Total Carbon Credits Allocated (tCO₂e) for all scope 2 emissions activities

- **Scope 3 Carbon Credit Allocation (tCO₂e) (Scp3CrbnCrAllocInTco2e)**

Input Fields

- CrbnCreditAllocItem.Total Carbon Credits Allocated (tCO₂e) (TotalCrbnCrAllocInTco2e)

Calculations

Scope 3 Carbon Credit Allocation (tCO₂e) = Sum of CrbnCreditAllocItem.Total Carbon Credits Allocated (tCO₂e) for all scope 3 emissions activities

- **Net Scope 1 Emissions (tCO₂e) (NetScope1EmssnInTco2e)**

Input Fields

- Scope 1 Carbon Credit Allocation (tCO₂e) (Scp1CrbnCrAllocInTco2e)
- Total Scope 1 Emissions (tCO₂e) (TotalScope1EmssnInTco2e)

Calculations

Net Scope 1 Emissions (tCO₂e) = Total Scope 1 Emissions (tCO₂e) - Scope 1 Carbon Credit Allocation (tCO₂e)

- **Net Scope 2 Emissions (tCO₂e) (NetScope2EmssnInTco2e)**

Input Fields

- Scope 2 Carbon Credit Allocation (tCO₂e) (Scp2CrbnCrAllocInTco2e)
- Total Scope 2 Emissions (tCO₂e) (TotalScope2EmssnInTco2e)

Calculations

Net Scope 2 Emissions (tCO₂e) = Total Scope 2 Emissions (tCO₂e) - Scope 2 Carbon Credit Allocation (tCO₂e)

- **Net Scope 3 Emissions (tCO₂e) (NetScope3EmssnInTco2e)**

Input Fields

- Scope 3 Carbon Credit Allocation (tCO₂e) (Scp3CrbnCrAllocInTco2e)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3EmssnInTco2e)

Calculations

Net Scope 3 Emissions (tCO₂e) = Total Scope 3 Emissions (tCO₂e) - Scope 3 Carbon Credit Allocation (tCO₂e)

- **Total Carbon Credits Allocated (tCO₂e) (TotalCrbnCrAllocInTco2e)**

Input Fields

- Scope 1 Carbon Credit Allocation (tCO2e) (Scp1CrbnCrAllocInTco2e)
- Scope 2 Carbon Credit Allocation (tCO2e) (Scp2CrbnCrAllocInTco2e)
- Scope 3 Carbon Credit Allocation (tCO2e) (Scp3CrbnCrAllocInTco2e)

Calculations

Total Allocated Carbon Credits (tCO2e): calculated field Scope 1 Carbon Credit Allocation (tCO2e) + Scope 2 Carbon Credit Allocation (tCO2e) + Scope 3 Carbon Credit Allocation (tCO2e)

- **Net Emissions (tCO2e) (NetEmissionsInTco2e)**

Input Fields

- Total Emissions (tCO2e) (TotalEmssnInTco2e)
- Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

Calculations

Net Emissions (tCO2e) = Total Emissions (tCO2e) - Total Carbon Credits Allocated (tCO2e)

- **Allocated Carbon Credits Cost (AllocatedCarbonCrCost)**

Input Fields

- CrbnCreditDistribution.Total Carbon Credits Allocation Cost (TotalCrbnCrAllocCost)

Calculations

Allocated Carbon Credits Cost=Sum of CrbnCreditDistribution.Total Carbon Credits Allocation Cost

[Carbon Credit Allocation Item](#)

The Carbon Credit Allocation Item object represents information about carbon credit allocation and emissions related to each emissions activity.

Carbon Credit Allocation Item

The Carbon Credit Allocation Item object represents information about carbon credit allocation and emissions related to each emissions activity.

Here are the calculated fields:

- **Total Emissions (tCO2e) (TotalEmssnInTco2e)**

Input Fields

- AnnualEmssnInventory.Total Emissions (tCO2e) (TotalEmissions)

Calculations

Total Emissions (tCO2e) = AnnualEmssnInventory.Total Emissions (tCO2e) mapped to the emissions activity

- **Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)**

Input Fields

- CrbnCreditDistribution.Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

Calculations

Total Carbon Credits Allocated (tCO2e) = Sum of CrbnCreditDistribution.Total Carbon Credits Allocated (tCO2e) for associated emissions activity

- **Net Emissions (tCO2e) (NetEmssnInTco2e)**

Input Fields

- Total Emissions (tCO2e) (TotalEmssnInTco2e)
- Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

Calculations

Net Emissions (tCO2e) = Total Emissions (tCO2e) - Total Carbon Credits Allocated (tCO2e)

Carbon Credit Distribution

The Carbon Credit Distribution object represents a junction between the sustainability credit and carbon credit allocation objects. To offset emissions for carbon credit allocation items, specify the emissions activity on this junction object.

Here are the calculated fields:

- **Total Carbon Credits Allocation Cost (TotalCrbnCrAllocCost)**

Input Fields

- Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)
- SustainabilityCredit.Cost Per Unit (CostPerUnit)

Calculations

Total Carbon Credits Allocation Cost = Total Carbon Credits Allocated (tCO2e) × SustainabilityCredit.Cost Per Unit

Allocate Energy Attribute Certificates

Reduce your scope 2 emissions using renewable energy sources by managing energy attribute certificates in Net Zero Cloud. An energy attribute certificate, or popularly known as renewable energy credit, is a tradeable certificate that represents the generation of 1 megawatt-hour (MWh) of electricity from a renewable energy source.

[Energy Attribute Certificate Credit](#)

The Energy Attribute Certificate Credit object represents information about the energy attribute certificate credits related to energy attribute certificate purchase.

[Energy Attribute Certificate Purchase](#)

The Energy Attribute Certificate Purchase object represents information about the purchase of energy attribute certificates from the clean energy project supplier.

[Energy Attribute Credit Distribution](#)

The Energy Attribute Credit Distribution object represents a junction between energy attribute credits and stationary asset energy use indicating the quantity of credits distributed for a specific energy use.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise**, **Performance**, **Unlimited**, and **Developer** Editions with the Net Zero Cloud Starter or Growth license

Energy Attribute Certificate Credit

The Energy Attribute Certificate Credit object represents information about the energy attribute certificate credits related to energy attribute certificate purchase.

Here are the calculated fields:

- **Credits Available (MWh) (CreditsAvailableInMwh)**

Input Fields

- Credits Purchased (MWh) (CreditsPurchasedInMwh)
- Credits Allocated (MWh) (CreditsAllocatedInMwh)

Calculations

Credits Available (MWh) = Credits Purchased (MWh) - Credits Allocated (MWh)

- **Total Spend (TotalCost)**

Input Fields

- Credits Purchased (MWh) (CreditsPurchasedInMwh)
- Cost Per Unit (CostPerUnit)

Calculations

Total Spend = Credits Purchased (MWh) × Cost Per Unit

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions with the Net Zero Cloud Starter or Growth license

Energy Attribute Certificate Purchase

The Energy Attribute Certificate Purchase object represents information about the purchase of energy attribute certificates from the clean energy project supplier.

Here are the calculated fields:

- **Total Energy Attribute Credits Available (MWh) (TotEnergyAttrCrAvlMwh)**

Input Fields

- Total Energy Attribute Credits Allocated (MWh) (TotEnergyAttrCrAllocMwh)
- Total Energy Attribute Credits Purchased (MWh) (TotEnergyAttrCrPurchMwh)

Calculations

Total Energy Attribute Credits Available (MWh) = Total Energy Attribute Credits Purchased (MWh) - Total Energy Attribute Credits Allocated (MWh)

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions with the Net Zero Cloud Starter or Growth license

Energy Attribute Credit Distribution

The Energy Attribute Credit Distribution object represents a junction between energy attribute credits and stationary asset energy use indicating the quantity of credits distributed for a specific energy use.

Here are the calculated fields:

- **Energy Attribute Credits Allocation Cost (EnrgyAttrCrAllocCost)**

Input Fields

- Energy Attribute Credits Allocated (EnrgyAttrCreditsAlloc)
- Energy Attribute Certificate Credit (EnergyAttrCertCredit)
Cost Per Unit (CostPerUnit)

Calculations

Energy Attribute Credits Allocation Cost = Energy Attribute Credits Allocated × EnergyAttrCertCredit.Cost Per Unit

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions with the Net Zero Cloud Starter or Growth license

Materiality Assessment

When you conduct a materiality assessment for your organization, you identify the relative capacity of various environmental, social, and corporate (ESG) topics as areas of risk to your business, and as opportunities for making an impact on the environment and society at large.

[Materiality Matrix Score](#)

The Materiality Matrix Score object captures the inward (financial) and outward (impact) materiality score for a materiality topic.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions with the Net Zero Cloud Growth license

Materiality Matrix Score

The Materiality Matrix Score object captures the inward (financial) and outward (impact) materiality score for a materiality topic.

Here are the calculated fields:

- **Inward Impact Score (InwardImpactScore)**

Input Fields

- Materiality Matrix Score (MaterialityMatrixScore)
Materiality Assessment Topic (MaterialityAsmtTopicId)
- Survey Question Response (SurveyQuestionResponse)
Response ID (Responseld)
Response Value (ResponseValue)
- Materiality Topic (MaterialityTopic)
Name (Name)

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions with the Net Zero Cloud Growth license

- Materiality Topic Question (MaterialityTopicQstn)
Impact Type (ImpactType)
Materiality Topic (MaterialityTopicId)
- Materiality Stakeholder (MaterialityStakeholder)
Weighting Percent (WeightingPercent)
- Materiality Stakeholder Category (MaterialityStkhldrCatg)
Materiality Assessment (MaterialityAssessmentId)
Weighting Percent (WeightingPercent)

Calculations

MaterialityMatrixScore.Inward Impact Score = Sum (For each stakeholder filling out a materiality assessment (SurveyQuestionResponse.ResponseValue (where MaterialityTopicQuestion.Materiality Topic = MaterialityMatrixScore.Materiality Assessment Topic and MaterialityTopicQstn.Impact Type = “Outward”) × MaterialityStakeholder.Weight Percent × MaterialityStkhldrCatg.Weight Percent))

- **Outward Impact Score (OutwardImpactScore)**

Input Fields

- Materiality Matrix Score (MaterialityMatrixScore)
Materiality Assessment Topic (MaterialityAsmtTopicId)
- Survey Question Response (SurveyQuestionResponse)
Response ID (Responseld)
Response Value (ResponseValue)
- Materiality Topic (MaterialityTopic)
Name (Name)
- Materiality Topic Question (MaterialityTopicQstn)
Impact Type (ImpactType)
Materiality Topic (MaterialityTopicId)
- Materiality Stakeholder (MaterialityStakeholder)
Weighting Percent (WeightingPercent)
- Materiality Stakeholder Category (MaterialityStkhldrCatg)
Materiality Assessment (MaterialityAssessmentId)
Weighting Percent (WeightingPercent)

Calculations

MaterialityMatrixScore.Outward Impact Score = Sum (For each stakeholder filling out a materiality assessment (SurveyQuestionResponse.ResponseValue (where MaterialityTopicQuestion.Materiality Topic = MaterialityMatrixScore.Materiality Assessment Topic and MaterialityTopicQstn.Impact Type = “Outward”) × MaterialityStakeholder.Weight Percent × MaterialityStkhldrCatg.Weight Percent))

Annual Emissions Inventory

The Annual Emissions Inventory object represents information about a company's total carbon emissions for a particular year in metric tonnes of CO₂e (tCO₂e). These emissions are the sum of all the emissions in scope 1, scope 2, and scope 3 greenhouse gas categories.

Here are the calculated fields:

- **Total Scope 1 Emissions (tCO₂e) (TotalScope1Emissions)**

Input Fields

- Scope 1 Emissions from Data Centers (tCO₂e) (Scope1EmissionsDataCenters)
- Scope 1 Emissions from Commercial Buildings (tCO₂e) (Scope1EmssnCommercialBuildings)
- Scope 1 Emissions from Fleet Vehicles (tCO₂e) (Scope1EmissionsFleetVehicles)
- Scope 1 Emissions from Private Jets (tCO₂e) (Scope1EmissionsPrivateJets)
- Scope 1 Emissions from Waste Generated (tCO₂e) (Scp1EmssnWstGenInTco2e)
- Total Scope 1 Emissions Override (tCO₂e) (TotalScope1EmissionsOverride)

Calculations

if(Total Scope 1 Emissions Override != null)

Total Scope 1 Emissions (tCO₂e) = Total Scope 1 Emissions Override (tCO₂e)

else

Total Scope 1 Emissions (tCO₂e) = Scope 1 Emissions from Commercial Buildings + Scope 1 Emissions from Data Centers + Scope 1 Emissions from Fleet Vehicles + Scope 1 Emissions from Private Jets + Scope 1 Emissions from Waste generated (tCO₂e)

- **Scope 1 Emissions from Commercial Buildings (tCO₂e) (Scope1EmssnCommercialBuildings)**

Input Fields

Scope 1 Emissions from Commercial Buildings Override (tCO₂e) (Scope1EmssnCmclBldOverride)

Calculations

if(Scope 1 Emissions from Commercial Buildings (tCO₂e) != null)

Scope 1 Emissions from Commercial Buildings (tCO₂e) = Scope 1 Emissions from Commercial Buildings Override (tCO₂e)

else

Scope 1 Emissions from Commercial Buildings = Scope 1 Emissions from Commercial Buildings (tCO₂e) aggregated from the related carbon footprint for that year

- **Scope 1 Emissions from Data Centers (tCO₂e) (Scope1EmissionsDataCenters)**

Input Fields

Scope 1 Emissions from Data Centers Override (tCO₂e) (Scope1EmssnDataCentersOverride)

Calculation

if(Scope 1 Emissions from Data Centers Override != null)

Scope 1 Emissions from Data Centers (tCO₂e) = Scope 1 Emissions from Data Centers Override (tCO₂e)

else

Scope 1 Emissions from Data Centers (tCO₂e) = Scope 1 Emissions from Data Centers (tCO₂e) aggregated from the related carbon footprint for that year

- **Scope 1 Emissions from Fleet Vehicles (tCO₂e) (Scope1EmissionsFleetVehicles)**

Input Fields

Scope 1 Emissions from Fleet Vehicles Override (tCO₂e) (Scp1EmssnFleetVehiclesOverride)

Calculations

if(Scope 1 Emissions from Fleet Vehicles Override (tCO₂e) != null) Scope 1 Emissions from Fleet Vehicles (tCO₂e) = Scope 1 Emissions from Fleet Vehicles Override (tCO₂e)

else

Scope 1 Emissions from Fleet Vehicles (tCO₂e) = Scope 1 Emissions from Fleet Vehicles (tCO₂e) aggregated from the related carbon footprint for that year

- **Scope 1 Emissions from Private Jets (tCO₂e) (Scope1EmissionsPrivateJets)**

Input Fields

Scope 1 Emissions from Private Jets Override (tCO₂e) (Scope1EmssnPrivateJetsOverride)

Calculations

if(Scope 1 Emissions from Private Jets Override (tCO₂e) != null) Scope 1 Emissions from Private Jets (tCO₂e) = Scope 1 Emissions from Private Jets Override (tCO₂e)

else

Scope 1 Emissions from Private Jets (tCO₂e) = Scope 1 Emissions from Private Jets (tCO₂e) aggregated from the related carbon footprint for that year

- **Scope 1 Emissions from Waste Generated (tCO₂e) (Scp1EmssnWstGenInTco2e)**

Input

Scope 1 Emissions from Waste Generated Override (tCO₂e) (Scp1EmssnWstGenOvrldInTco2e)

Calculations

if(Scope 1 Emissions from Waste Generated Override (tCO₂e) != null) Scope 1 Emissions from Waste Generated (tCO₂e) = Scope 1 Emissions from Waste Generated Override (tCO₂e)

else

Scope 1 Emissions from Waste Generated (tCO₂e) = Scope 1 Emissions from Waste Generated (tCO₂e) aggregated from related Waste Footprint records for that year

- **Total Scope 2 Emissions (tCO₂e) (TotalScope2Emissions)**

Input

- Total Scope 2 Emissions Override (tCO₂e) (TotalScope2EmissionsOverride)
- Scope 2 Location-Based Emissions from Commercial Buildings (tCO₂e) (Scope2LocBasedEmssnCmclBld)
- Scope 2 Location-Based Emissions from Data Centers (tCO₂e) (Scope2LocBasedEmssnDataCtr)
- Scope 2 Market-Based Emissions from Commercial Buildings (tCO₂e) (Scope2MarketBasedEmssnCmclBld)
- Scope 2 Market-Based Emissions from Data Centers (tCO₂e) (Scope2MarketBasedEmssnDataCtr)
- Scope 2 Emissions from Fleet Vehicles (tCO₂e) (Scope2EmissionsFleetVehicles)
- Scope 2 Emissions from Private Jets (tCO₂e) (Scope2EmissionsPrivateJets)

Calculations

if(Total Scope 2 Emissions Override (tCO₂e) != null)

Total Scope 2 Emissions (tCO2e) = Total Scope 2 Emissions Override (tCO2e)

else

Total Scope 2 Emissions (tCO2e) = Scope 2 Location-Based Emissions from Commercial Buildings (tCO2e) + Scope 2 Location-Based Emissions from Data Centers (tCO2e) + Scope 2 Market-Based Emissions from Commercial Buildings (tCO2e) + Scope 2 Market-Based Emissions from Data Centers (tCO2e) + Scope 2 Emissions from Fleet Vehicles (tCO2e) + Scope 2 Emissions from Private Jets (tCO2e)

- **Scope 2 Market-Based Emissions from Commercial Buildings (tCO2e) (Scope2MarketBasedEmssnCmclBld)**

Input Fields

Scope 2 Market-Based Emissions from Commercial Buildings Override (tCO2e) (Scp2MktBsdEmssnCmclBldOverride)

Calculations

if(Scope 2 Market-Based Emissions from Commercial Buildings Override (tCO2e) != null)

Scope 2 Market-Based Emissions from Commercial Buildings (tCO2e) = Scope 2 Market-Based Emissions from Commercial Buildings Override (tCO2e)

else

Scope 2 Market-Based Emissions from Commercial Buildings (tCO2e) = Scope 2 Market-Based Emissions from Commercial Buildings (tCO2e) aggregated from related carbon footprint records for that year.

- **Scope 2 Market-Based Emissions from Data Centers (tCO2e) (Scope2MarketBasedEmssnDataCtr)**

Input Fields

Scope 2 Market-Based Emissions from Data Centers Override (tCO2e) (Scp2MktBsdEmssnDataCtrOverride)

Calculations

if(Scope 2 Market-Based Emissions from Data Centers Override (tCO2e) != null)

Scope 2 Market-Based Emissions from Data Centers (tCO2e) = Scope 2 Market-Based Emissions from Data Centers Override (tCO2e)

else

Scope 2 Market-Based Emissions from Data Centers (tCO2e) = Scope 2 Market-Based Emissions from Data Centers (tCO2e) aggregated from related carbon footprint records for that year.

- **Scope 2 Location-Based Emissions from Commercial Buildings (tCO2e) (Scope2LocBasedEmssnCmclBld)**

Input Fields

Scope 2 Location-Based Emissions from Commercial Buildings Override (tCO2e) (Scp2LocBsdEmssnCmclBldOverride)

Calculations

if(Scope 2 Location-Based Emissions from Commercial Buildings Override (tCO2e) != null)

Scope 2 Location-Based Emissions from Commercial Buildings (tCO2e) = Scope 2 Location-Based Emissions from Commercial Buildings Override (tCO2e)

else

Scope 2 Location-Based Emissions from Commercial Buildings (tCO2e) = Scope 2 Location-Based Emissions from Commercial Buildings (tCO2e) aggregated from related carbon footprint records for that year.

- **Scope 2 Location-Based Emissions from Data Centers (tCO2e) (Scope2LocBasedEmssnDataCtr)**

Input Fields

Scope 2 Location-Based Emissions from Data Centers Override (tCO2e) (Scp2LocBsdEmssnDataCtrOvrde)

Calculations

if(Scope 2 Location-Based Emissions from Data Centers Override (tCO₂e) != null)

Scope 2 Location-Based Emissions from Data Centers (tCO₂e) = Scope 2 Location-Based Emissions from Data Centers Override (tCO₂e)

else

Scope 2 Location-Based Emissions from Data Centers (tCO₂e) = Scope 2 Location-Based Emissions from Data Centers (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 2 Emissions from Fleet Vehicles (tCO₂e) (Scope2EmissionsFleetVehicles)**

Input Fields

Scope 2 Emissions from Fleet Vehicles Override (tCO₂e) (Scp2EmssnFleetVehiclesOverride)

Calculations

if(Scope 2 Emissions from Fleet Vehicles Override (tCO₂e) != null)

Scope 2 Emissions from Fleet Vehicles (tCO₂e) = Scope 2 Emissions from Fleet Vehicles Override (tCO₂e)

else

Scope 2 Emissions from Fleet Vehicles (tCO₂e) = Scope 2 Location-Based Emissions from Fleet Vehicles (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 2 Emissions from Private Jets (tCO₂e) (Scope2EmissionsPrivateJets)**

Input Fields

Scope 2 Emissions from Private Jets Override (tCO₂e) (Scp2EmssnPrivateJetsOverride)

Calculations

if(Scope 2 Emissions from Private Jets Override (tCO₂e) != null)

Scope 2 Emissions from Private Jets (tCO₂e) = Scope 2 Emissions from Private Jets Override (tCO₂e)

else

Scope 2 Emissions from Private Jets (tCO₂e) = Scope 2 Location-Based Emissions from Private Jets (tCO₂e) aggregated from related carbon footprint records for that year

- **Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)**

Input Fields

Renewable Energy Usage Percentage in Commercial Buildings Override (RenewableEnrgyPctCmclBldOvrde)

Calculations

if(Renewable Energy Usage Percentage Override Commercial Buildings != null)

Renewable Energy Usage Percentage in Commercial Buildings = Renewable Energy Usage Percentage Override in Commercial Buildings

else

Renewable Energy Usage Percentage in Commercial Buildings = weighted average of Renewable Energy Usage Percentage in Commercial Buildings from related stationary asset carbon footprint records for that year calculated as

Sum(Total Renewable Energy (kWh)) across all relevant SACF / Sum(Total Energy Consumption (kWh))] × 100 across all relevant SACFs

- **Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)**

Input Fields

Renewable Energy Usage Percentage in Data Centers Override (RenewableEnrgyPctDataCtrOvrde)

Calculations

if(Renewable Energy Usage Percentage Override Data Centers != null)

Renewable Energy Usage Percentage in Data Centers = Renewable Energy Usage Percentage Override in Data Centers

else

Renewable Energy Usage Percentage in Data Centers = weighted average of Renewable Energy Usage Percentage in Data Centers from related stationary asset carbon footprint records for that year calculated as

$\text{Sum}(\text{Total Renewable Energy (kWh)}) \text{ across all relevant SACF} / \text{Sum}(\text{Total Energy Consumption (kWh)}) \times 100$ across all relevant SACFs

- **Total Scope 1 and 2 Emissions (tCO₂e) (TotalScope1And2Emissions)**

Input Fields

- Total Scope 1 Emissions (tCO₂e) (TotalScope1Emissions)
- Total Scope 2 Emissions (tCO₂e) (TotalScope2Emissions)

Calculations

Total Scope 1 and Scope 2 Emissions (tCO₂e) = Total Scope 1 Emissions (tCO₂e) + Total Scope 2 Emissions (tCO₂e)

- **Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)**

Input Fields

- Total Scope 3 Emissions Override (tCO₂e) (TotalScope3EmissionsOverride)
- Total Supplemental Scope 3 Emissions (tCO₂e) (TotalSuplScp3Emissions)
- Scope 3 Emissions from Business Travel (tCO₂e) (Scope3EmissionsBusinessTravel)
- Scope 3 Emissions from Capital Goods (tCO₂e) (Scope3EmissionsCapitalGoods)
- Scope 3 Emissions from Commercial Buildings (tCO₂e) (Scope3EmssnCommercialBuildings)
- Scope 3 Emissions from Data Centers (tCO₂e) (Scope3EmissionsDataCenters)
- Scope 3 Emissions from Downstream Leased Assets (tCO₂e) (Scp3EmssnDnstrmLeasedAssets)
- Scope 3 Emissions from Downstream Transportation and Distribution (tCO₂e) (Scp3EmssnDownstreamTrnspDstr)
- Scope 3 Emissions from Employee Commuting (tCO₂e) (Scope3EmssnEmployeeCommuting)
- Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e) (Scp3EmssnEoLTreatOfSoldPrdct)
- Scope 3 Emissions from Fleet Vehicles (tCO₂e) (Scope3EmissionsFleetVehicles)
- Scope 3 Emissions from Franchises (tCO₂e) (Scope3EmissionsFranchises)
- Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e) (Scp3EmssnFuelEnergyActivity)
- Scope 3 Emissions from Investments (tCO₂e) (Scope3EmissionsInvestments)
- Scope 3 Emissions from Private Jets (tCO₂e) (Scope3EmissionsPrivateJets)
- Scope 3 Emissions from Processing of Sold Products (tCO₂e) (Scp3EmssnProcSoldProducts)
- Scope 3 Emissions from Purchased Goods and Services (tCO₂e) (Scp3EmssnPurchGoodsAndServices)
- Scope 3 Emissions from Upstream Leased Assets (tCO₂e) (Scp3EmssnUpstreamLeasedAssets)
- Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) (Scp3EmssnUpstreamTrnspDstr)
- Scope 3 Emissions from Use of Sold Products (tCO₂e) (Scope3EmssnUseOfSoldProducts)
- Scope 3 Emissions from Waste Generated in Operations (tCO₂e) (Scope3EmissionsWasteGenInOper)
- Scope 3 Uncategorized Emissions (tCO₂e) (Scope3UncategorizedEmissions)

Calculations

if(Total Scope 3 Emissions Override (tCO2e) != null)

Total Scope 3 Emissions (tCO2e) = Total Scope 3 Emissions Override (tCO2e)

else

Total Scope 3 Emissions (tCO2e) = Scope 3 Emissions from Business Travel (tCO2e) + Scope 3 Emissions from Capital Goods (tCO2e) + Scope 3 Emissions from Downstream Leased Assets (tCO2e) + Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e) + Scope 3 Emissions from Employee Commuting (tCO2e) + Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO2e) + Scope 3 Emissions from Fleet Vehicles (tCO2e) + Scope 3 Emissions from Franchises (tCO2e) + Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e) + Scope 3 Emissions from Investments (tCO2e) + Scope 3 Emissions from Private Jets (tCO2e) + Scope 3 Emissions from Processing of Sold Products (tCO2e) + Scope 3 Emissions from Purchased Goods and Services (tCO2e) + Scope 3 Emissions from Upstream Leased Assets (tCO2e) + Scope 3 Emissions from Upstream Transportation and Distribution (tCO2e) + Scope 3 Emissions from Use of Sold Products (tCO2e) + Scope 3 Emissions from Waste Generated in Operations (tCO2e) + Scope 3 Uncategorized Emissions (tCO2e) + TotalSuplScp3Emissions

- **Scope 3 Emissions from Commercial Buildings (tCO2e) (Scope3EmssnCommercialBuildings)**

Input Fields

Scope 3 Emissions from Commercial Buildings Override (tCO2e) (Scope3EmssnCmclBldOverride)

Calculations

if(Scope 3 Emissions from Commercial Buildings Override (tCO2e) != null)

Scope 3 Emissions from Commercial Buildings (tCO2e) = Scope 3 Emissions from Commercial Buildings Override (tCO2e)

else

Scope 3 Emissions from Commercial Buildings (tCO2e) = Sum of total scope 3 downstream emissions and total scope 3 upstream emissions from all relevant stationary asset carbon footprints (with record type Commercial Building)

- **Scope 3 Emissions from Data Centers (tCO2e) (Scope3EmissionsDataCenters)**

Input Fields

Scope 3 Emissions from Data Centers Override (tCO2e) (Scope3EmssnDataCentersOverride)

Calculations

if(Scope 3 Emissions from Data Centers Override != null)

Scope 3 Emissions from Data Centers = Scope 3 Emissions from Data Centers Override

else

Scope 3 Emissions from Data Centers = Sum of total scope 3 downstream emissions and total scope 3 upstream emissions from all relevant stationary asset carbon footprints (with record type Data Center)

- **Scope 3 Emissions from Fleet Vehicles (tCO2e) (Scope3EmissionsFleetVehicles)**

Input Fields

Scope 3 Emissions from Fleet Vehicles Override (tCO2e) (Scp3EmssnFleetVehiclesOverride)

Calculations

if(Scope 3 Emissions from Fleet Vehicles Override != null)

Scope 3 Emissions from Fleet Vehicles = Scope 3 Emissions from Fleet Vehicles Override

else

Scope 3 Emissions from Fleet Vehicles = Sum of total scope 3 downstream emissions and total scope 3 upstream emissions from all relevant vehicle asset carbon footprints (with record type Fleet Vehicle)

- **Scope 3 Emissions from Private Jets (tCO2e) (Scope3EmissionsPrivateJets)**

Input Fields

Scope 3 Emissions from Private Jets Override (tCO2e) (Scp3EmssnPrivateJetsOverride)

Calculations

if(Scope 3 Emissions from Private Jets Override != null)

Scope 3 Emissions from Private Jets = Scope 3 Emissions from Private Jets Override

else

Scope 3 Emissions from Private Jets = Sum of total scope 3 downstream emissions and total scope 3 upstream emissions from all relevant vehicle asset carbon footprints (with record type Private Jet)

- **Scope 3 Emissions from Purchased Goods and Services (tCO2e) (Scp3EmssnPurchGoodsAndServices)**

Input Fields

Scope 3 Emissions from Purchased Goods and Services Override (tCO2e) (Scp3EmssnPurchGoodsSrvcsOvrde)

Calculations

if(Scope 3 Emissions from Purchased Goods and Services Override (tCO2e) != null)

Scope 3 Emissions from Purchased Goods and Services (tCO2e) = Scope 3 Emissions from Purchased Goods and Services Override (tCO2e)

else

Scope 3 Emissions from Purchased Goods and Services (tCO2e) = Scope 3 Emissions from Purchased Goods and Services (tCO2e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Business Travel (tCO2e) (Scope3EmissionsBusinessTravel)**

Input Fields

Scope 3 Emissions from Business Travel Override (tCO2e) Scp3EmssnBusinessTravelOvrde

Calculations

if(Scope 3 Emissions from Business Travel Override (tCO2e) != null)

Scope 3 Emissions from Business Travel (tCO2e) = Scope 3 Emissions from Business Travel Override (tCO2e)

else

Scope 3 Emissions from Business Travel (tCO2e) = Scope 3 Emissions from Business Travel (tCO2e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e) (Scp3EmssnFuelEnergyActivity)**

Input Fields

Scope 3 Emissions from Fuel and Energy-Related Activity Override (tCO2e) (Scp3EmssnFuelEnrgyActvtyOvrde)

Calculations

if(Scope 3 Emissions from Fuel and Energy-Related Activity Override (tCO2e) != null)

Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e) = Scope 3 Emissions from Fuel and Energy-Related Activity Override (tCO2e)

else

Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e) = Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) (Scp3EmssnUpstreamTrnspDstr)**

Input Fields

Scope 3 Emissions from Upstream Transportation and Distribution Override (tCO₂e) (Scp3EmssnUpstrmTrnspDstrOvrde)

Calculations

if(Scope 3 Emissions from Upstream Transportation and Distribution Override (tCO₂e) != null)

Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) = Scope 3 Emissions from Upstream Transportation and Distribution Override (tCO₂e)

else

Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) = Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Waste Generated in Operations (tCO₂e) (Scope3EmissionsWasteGenInOper)**

Input Fields

Scope 3 Emissions from Waste Generated in Operations Override (tCO₂e) (Scp3EmssnWasteGenInOperOvrde)

Calculations

if(Scope 3 Emissions from Waste Generated in Operations Override (tCO₂e) != null)

Scope 3 Emissions from Waste Generated in Operations (tCO₂e) = Scope 3 Emissions from Waste Generated in Operations Override (tCO₂e)

else

Scope 3 Emissions from Waste Generated in Operations (tCO₂e) = Scope 3 Emissions from Waste Generated in Operations (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Capital Goods (tCO₂e) (Scope3EmissionsCapitalGoods)**

Input Fields

Scope 3 Emissions from Capital Goods Override (tCO₂e) (Scope3EmssnCapitalGoodsOvrde)

Calculations

if(Scope 3 Emissions from Capital Goods Override (tCO₂e) != null)

Scope 3 Emissions from Capital Goods (tCO₂e) = Scope 3 Emissions from Capital Goods Override (tCO₂e)

else

Scope 3 Emissions from Capital Goods (tCO₂e) = Scope 3 Emissions from Capital Goods (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Employee Commuting (tCO₂e) (Scope3EmssnEmployeeCommuting)**

Input Fields

Scope 3 Emissions from Employee Commuting Override (tCO₂e) (Scope3EmssnEmpCommutingOvrde)

Calculations

if(Scope 3 Emissions from Employee Computing Override (tCO₂e) != null)

Scope 3 Emissions from Employee Computing (tCO₂e) = Scope 3 Emissions from Employee Computing Override (tCO₂e)

else

Scope 3 Emissions from Employee Computing (tCO₂e) = Scope 3 Emissions from Employee Computing (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Upstream Leased Assets (tCO₂e) (Scp3EmssnUpstreamLeasedAssets)**

Input Fields

Scope 3 Emissions from Upstream Leased Assets Override (tCO₂e) (Scp3EmssnUpstrmLeasedAstOvrde)

Calculations

if(Scope 3 Emissions from Upstream Leased Assets Override (tCO₂e) != null)

Scope 3 Emissions from Upstream Leased Assets (tCO₂e) = Scope 3 Emissions from Upstream Leased Assets Override (tCO₂e)
else

Scope 3 Emissions from Upstream Leased Assets (tCO₂e) = Scope 3 Emissions from Upstream Leased Assets (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Downstream Transportation and Distribution (tCO₂e) (Scp3EmssnDownstreamTrnspDstr)**

Input Fields

Scope 3 Emissions from Downstream Transportation and Distribution Override (tCO₂e) (Scp3EmssnDnstrmTrnspDstrOvrde)

Calculations

if(Scope 3 Emissions from Downstream Transportation and Distribution Override (tCO₂e) != null)

Scope 3 Emissions from Downstream Transportation and Distribution (tCO₂e) = Scope 3 Emissions from Downstream Transportation and Distribution Override (tCO₂e)
else

Scope 3 Emissions from Downstream Transportation and Distribution (tCO₂e) = Scope 3 Emissions from Downstream Transportation and Distribution (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e) (Scp3EmssnEolTreatOfSoldPrdct)**

Input Fields

Scope 3 Emissions from End-of-Life Treatment of Sold Products Override (tCO₂e) (Scp3EmssnEolSoldPrdctOvrde)

Calculations

if(Scope 3 Emissions from End-of-Life Treatment of Sold Products Override (tCO₂e) != null)

Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e) = Scope 3 Emissions from End-of-Life Treatment of Sold Products Override (tCO₂e)
else

Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e) = Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Downstream Leased Assets (tCO₂e) (Scp3EmssnDnstrmLeasedAssets)**

Input Fields

Scope 3 Emissions from Downstream Leased Assets Override (tCO₂e) (Scp3EmssnDnstrmLeasedAstOvrde)

Calculations

if(Scope 3 Emissions from Downstream Leased Assets Override (tCO₂e) != null)

Scope 3 Emissions from Downstream Leased Assets (tCO₂e) = Scope 3 Emissions from Downstream Leased Assets Override (tCO₂e)
else

Scope 3 Emissions from Downstream Leased Assets (tCO₂e) = Scope 3 Emissions from Downstream Leased Assets (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Processing of Sold Products (tCO₂e) (Scp3EmssnProcSoldProducts)**

Input Fields

Scope 3 Emissions from Processing of Sold Products Override (tCO₂e) (Scp3EmssnProcSoldPrdctOverride)

Calculations

if(Scope 3 Emissions from Processing of Sold Products Override (tCO₂e) != null)

Scope 3 Emissions from Processing of Sold Products (tCO₂e) = Scope 3 Emissions from Processing of Sold Products Override (tCO₂e)
else

Scope 3 Emissions from Processing of Sold Products (tCO₂e) = Scope 3 Emissions from Processing of Sold Products (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Franchises (tCO₂e) (Scope3EmissionsFranchises)**

Input Fields

Scope 3 Emissions from Franchises Override (tCO₂e) (Scope3EmssnFranchisesOverride)

Calculations

if(Scope 3 Emissions from Franchises Override (tCO₂e) != null)

Scope 3 Emissions from Franchises (tCO₂e) = Scope 3 Emissions from Franchises Override (tCO₂e)
else

Scope 3 Emissions from Franchises (tCO₂e) = Scope 3 Emissions from Franchises (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Investments (tCO₂e) (Scope3EmissionsInvestments)**

Input Fields

Scope 3 Emissions from Investments Override (tCO₂e) (Scope3EmssnInvestmentsOverride)

Calculations

if(Scope 3 Emissions from Investments Override (tCO₂e) != null)

Scope 3 Emissions from Investments (tCO₂e) = Scope 3 Emissions from Investments Override (tCO₂e)
else

Scope 3 Emissions from Investments (tCO₂e) = Scope 3 Emissions from Investments (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Emissions from Use of Sold Products (tCO₂e) (Scope3EmssnUseOfSoldProducts)**

Input Fields

Scope 3 Emissions from Use of Sold Products Override (tCO₂e) (Scp3EmssnUseOfSoldPrdctOvrde)

Calculations

if(Scope 3 Emissions from Use of Sold Products Override (tCO₂e) != null)

Scope 3 Emissions from Use of Sold Products (tCO₂e) = Scope 3 Emissions from Use of Sold Products Override (tCO₂e)
else

Scope 3 Emissions from Use of Sold Products (tCO₂e) = Scope 3 Emissions from Use of Sold Products (tCO₂e) aggregated from related carbon footprint records for that year

- **Scope 3 Uncategorized Emissions (tCO₂e) (Scope3UncategorizedEmissions)**

Input Fields

Scope 3 Uncategorized Emissions Override (tCO₂e) (Scp3UncategorizedEmssnOverride)

Calculations

if(Scope 3 Uncategorized Emissions Override (tCO₂e) != null)

Scope 3 Uncategorized Emissions (tCO₂e) = Scope 3 Uncategorized Emissions Override (tCO₂e)

else

Scope 3 Uncategorized Emissions (tCO₂e) = Scope 3 Uncategorized Emissions (tCO₂e) aggregated from related carbon footprint records for that year

- **Total Supplemental Scope 3 Emissions (tCO₂e) (TotalSuplScp3Emissions)**

Input Fields

Total Supplemental Scope 3 Emissions Override (tCO₂e) (TotalSuplScope3EmssnOverride)

Calculations

if(Total Supplemental Scope 3 Emissions Override != null)

Total Supplemental Scope 3 Emissions = Total Supplemental Scope 3 Emissions Override

else

Total Supplemental Scope 3 Emissions = Supplemental scope 3 emissions aggregated from related scope 3 carbon footprint records for that year

- **Scope 3 Emissions Percentage from Purchased Goods and Services (Scp3EmssnPctPurchGoodsAndSrvcs)**

Input Fields

- Scope 3 Emissions from Purchased Goods and Services (tCO₂e) (Scp3EmssnPurchGoodsAndServices)

- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Purchased Goods and Services = Scope 3 Emissions from Purchased Goods and Services (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Business Travel (Scope3EmssnPctBusinessTravel)**

Input Fields

- Scope 3 Emissions from Business Travel (tCO₂e) (Scope3EmissionsBusinessTravel)

- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Business Travel = Scope 3 Emissions from Business Travel (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Fuel and Energy-Related Activity (Scp3EmssnPctFuelEnrgyActivity)**

Input Fields

- Scope 3 Emissions from Fuel and Energy-Related Activity (tCO₂e) (Scp3EmssnPctFuelEnergyActivity)

- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Fuel and Energy-Related Activity = Scope 3 Emissions from Fuel and Energy-Related Activity / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Upstream Transportation and Distribution (Scp3EmssnPctUpstrmTrnspDstr)**

Input Fields

- Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) (Scp3EmssnUpstreamTrnspDstr)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Upstream Transportation and Distribution = Scope 3 Emissions from Upstream Transportation and Distribution(tCO₂e / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Waste Generated in Operations (Scp3EmssnPctWasteGenInOper)**

Input Fields

- Scope 3 Emissions from Waste Generated in Operations (tCO₂e) (Scope3EmissionsWasteGenInOper)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Waste Generated in Operations = Scope 3 Emissions from Waste Generated in Operations (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Capital Goods (Scope3EmissionsPctCapitalGoods)**

Input Fields

- Scope 3 Emissions from Capital Goods (tCO₂e) (Scope3EmissionsCapitalGoods)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Capital Goods = Scope 3 Emissions from Capital Goods (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Employee Commuting (Scope3EmssnPctEmpCommuting)**

Input Fields

- Scope 3 Emissions from Employee Commuting (tCO₂e) (Scope3EmssnEmployeeCommuting)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Employee Commuting = Scope 3 Emissions from Employee Computing (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Upstream Leased Assets (Scope3EmssnPctUpstrmLeasedAsst)**

Input Fields

- Scope 3 Emissions from Upstream Leased Assets (tCO₂e) (Scp3EmssnUpstreamLeasedAssets)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Upstream Leased Assets = Scope 3 Emissions from Upstream Leased Assets (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Downstream Transportation and Distribution (Scope3EmssnPctDnstrmTrnspDstr)**

Input Fields

- Scope 3 Emissions from Downstream Transportation and Distribution (tCO₂e) (Scp3EmssnDownstreamTrnspDstr)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Scope 3 Emissions Percentage from Downstream Transportation and Distribution = Scope 3 Emissions from Downstream Transportation and Distribution (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Supplemental Scope 3 Emissions Percentage (SupplementalScope3EmissionsPct)**

Input Fields

- Total Supplemental Scope 3 Emissions (tCO₂e) (TotalSuplScp3Emissions)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Supplemental Scope 3 Emissions Percentage = Total Supplemental Scope 3 Emissions (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from End-of-Life Treatment of Sold Products (Scp3EmssnPctEolTreatSoldPrdct)**

Input Fields

- Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e) (Scp3EmssnEolTreatOfSoldPrdct)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Scope 3 Emissions Percentage from End-of-Life Treatment of Sold Products = Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Downstream Leased Assets (Scp3EmssnPctDnstrmLeasedAssets)**

Input Fields

- Scope 3 Emissions from Downstream Leased Assets (tCO₂e) (Scp3EmssnDnstrmLeasedAssets)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Downstream Leased Assets = Scope 3 Emissions from Downstream Leased Assets (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Processing of Sold Products (Scp3EmssnPctProcSoldProducts)**

Input Fields

- Scope 3 Emissions from Processing of Sold Products (tCO₂e) (Scp3EmssnProcSoldProducts)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Processing of Sold Products = Scope 3 Emissions from Processing of Sold Products (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Franchises (Scope3EmissionsPctFranchises)**

Input Fields

- Scope 3 Emissions from Franchises (tCO₂e) (Scope3EmissionsFranchises)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Franchises = Scope 3 Emissions from Franchises (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Investments (Scope3EmissionsPctInvestments)**

Input Fields

- Scope 3 Emissions from Investments (tCO₂e) (Scope3EmissionsInvestments)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Investments = Scope 3 Emissions from Investments (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage from Use of Sold Products (Scope3EmssnPctUseOfSoldPrdct)**

Input Fields

- Scope 3 Emissions from Use of Sold Products (tCO₂e) (Scope3EmssnUseOfSoldProducts)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage from Use of Sold Products = Scope 3 Emissions from Use of Sold Products (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Uncategorized Emissions Percentage (Scp3UncatgEmssnPct)**

Input Fields

- Scope 3 Uncategorized Emissions (tCO₂e) (Scope3UncategorizedEmissions)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Uncategorized Emissions Percentage = Scope 3 Uncategorized Emissions (tCO₂e) / Total Scope 3 Emissions (tCO₂e)

- **Total Emissions (tCO₂e) (TotalEmissions)**

Input Fields

- Total Scope 1 Emissions (tCO₂e) (TotalScope1Emissions)
- Total Scope 2 Emissions (tCO₂e) (TotalScope2Emissions)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Total Emissions = Total Scope 1 Emissions (tCO₂e) + Total Scope 2 Emissions (tCO₂e) + Total Scope 3 Emissions (tCO₂e)

- **Scope 3 Emissions Percentage (Scope3EmissionsPercentage)**

Input Fields

- Total Emissions (tCO₂e) (TotalEmissions)
- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

Calculations

Scope 3 Emissions Percentage = Total Scope 3 Emissions (tCO₂e) / Total Emissions

Disclosures Using Managed Packages

Create disclosure reports that your company shares with external shareholders by using the disclosures template for standards implemented on Disclosure and Compliance Hub. You can include the disclosures report in your standard reports.

To derive the report data using Omnistudio Data Mappers, make sure that you configured an annual emissions inventory for the reporting year and disclosure reporting periods for the reporting period.

By default, the Data Mappers and Apex classes retrieve data from Net Zero Cloud. If needed, override that data by extracting it first. To do so, click **Get Data** in the edit block type responses when you add an answer row for the question. Salesforce uses the Apex classes for complex logic or data that is inaccessible through Data Mappers.

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

GRI Standards

The GRI standards help organizations to achieve sustainable development by reporting on a range of economic, environmental and social impacts.

CDP Standards

The CDP standards help investors, companies, cities, states, and regions to manage their environmental impacts.

SASB Standards

The Sustainability Accounting Standards Board (SASB) standards enable organizations to provide industry-based disclosures about sustainability-related risks and opportunities.

ESRS Standards

The European Sustainability Reporting Standards (ESRS) provide information for investors to understand the sustainability impact of the companies in which they invest, which includes environmental, social, and governance issues, including climate change, biodiversity, and human rights.

GRI Standards

The GRI standards help organizations to achieve sustainable development by reporting on a range of economic, environmental and social impacts.



Note: Our platform provides you with the option to track data that you deem appropriate. We don't mandate or require you to enter any specific data. The decision to enter and track information, as well as the nature and extent of that data, rests solely with you.

Here are the calculations:

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

GRI 302: Energy

- **Question Number: 302-1a**
 - Logic: GRI302U1aDR
 - Description: Total fuel consumption within the organization from non-renewable sources, in joules or multiples, and including fuel types used.
 - **Input Fields**
 - Annual Emissions Inventory (AnnualEmssnInventory)
 - Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)

- Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
- Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)

– **Calculation**

$\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} \times (1 - (\text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Commercial Buildings}/100)) + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} \times (1 - (\text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Data Centers}/100))$

- **Question Number: 302-1b**

– Logic: GRI302U1DbDR

– Description: Total fuel consumption within the organization from renewable sources, in joules or multiples, and including fuel types used.

– **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
- Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)

– **Calculation**

$\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} \times (\text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Commercial Buildings}/100) + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} \times (\text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Data Centers}/100)$

- **Question Number: 302-1c**

– Logic: Apex class

– **Input Fields**

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm)

– **Calculation**

Sum of all Stationary Asset Carbon Footprint Item's electricity, heating, cooling, and steam consumption.

- **Question Number: 302-1e**

– Logic: GRI302U1DeDR

– Description: Total energy consumption within the organization, in joules or multiples.

– **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

– **Calculation**

$\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}$

- **Question Number: 302-3a**

- Logic: GRI302U3aDR
- Description: Energy intensity ratio for the organization from annual emissions inventory

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

Stationary Asset Environmental (SourceStnryAssetEnvrSrc)

- Occupied Floor Area (OccupiedFloorArea)

- **Calculation**

$\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} / \text{Sum}(\text{SourceStnryAssetEnvrSrc.Occupied Floor Area})$

GRI 303: Water and Effluents

- **Question Number: 303-3a**

- Logic: Apex class

- **Input Fields**

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- **Calculation**

Sum all stationary asset water footprint items for the activity type “Withdrawal” and reporting period for all the source types.

- **Question Number: 303-3b**

- Logic: Apex class

- **Input Fields**

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- **Calculation**

Sum all stationary asset water footprint items for the activity type “Withdrawal” and reporting period for all the source types and for different stress levels.

- **Question Number: 303-4a**

- Logic: Apex class

- **Input Fields**

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- **Calculation**

Sum all stationary asset water footprint items for the activity type “Discharge” and reporting period for all the source types.

- **Question Number: 303-5a**

- Logic: Apex class

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Total Consumption (MI) (TotalConsumptionInMI)

- **Calculation**

Sum of StnryAssetWaterFtprnt.Total Consumption (MI) for the reporting period.

- **Question Number: 303-5b**

- Logic: Apex class

- **Input Fields**

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntItm)

- Quantity (MI) (QuantityInMI)

- **Calculation**

Sum of StnryAssetWtrFtprntItm.Quantity (MI) for the activity type “Consumption” for all stress levels.

GRI 305 Emissions

- **Question Number: 305-1a**

- Logic: GRI305U1DaDataRaptor

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 1 Emissions (tCO2e) (TotalScope1Emissions)

- **Question Number: 305-2a**

- Logic: GRI305U2DaDataRaptor

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 2 Emissions (tCO2e) (TotalScope2Emissions)

- **Question Number: 305-3a**

- Logic: GRI305U3DaDataRaptor

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 3 Emissions (tCO2e) (TotalScope3Emissions)

- **Question Number: 305-3d**

- Logic: GRI305U3DdDataRaptor

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 3 Emissions (tCO2e) (TotalScope3Emissions)

- **Question Number: 305-4a**
 - Logic: GRI305U4DaDataRaptor
 - **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

 - Total Scope 1 Emissions (tCO2e) (TotalScope1Emissions)
 - Total Scope 2 Emissions (tCO2e) (TotalScope2Emissions)
 - **Calculation**

$(\text{AnnualEmssnInventory.Total Scope 1 Emissions (tCO2e)} + \text{AnnualEmssnInventory.Total Scope 2 Emissions (tCO2e)}) / \text{Consolidated floor area across all carbon footprints}$
- **Question Number: 305-4b**
 - Logic: GRI305U4DbDataRaptor
 - **Input Fields**
 - Annual Emissions Inventory (AnnualEmssnInventory)
 - Stationary Asset Carbon Footprint (StnryAssetCrbnFtpmnt)
 - Total Floor Area (TotalFloorArea)
 - **Calculation**

Consolidate StnryAssetCrbnFtpmnt.Total Floor Area across all carbon footprints associated with the annual emissions inventory
- **Question Number: 305-4c**
 - Logic: GRI305U4DcDataRaptor
 - **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

 - Total Scope 1 Emissions (tCO2e) (TotalScope1Emissions)
 - Total Scope 2 Emissions (tCO2e) (TotalScope2Emissions)
 - **Calculation**

$\text{Sum}(\text{AnnualEmssnInventory.Total Scope 1 Emissions (tCO2e)} + \text{AnnualEmssnInventory.Total Scope 2 Emissions (tCO2e)})$

GRI 306 Waste

- **Question Number: 306-3a**
 - Logic: Apex class
 - **Input Fields**

Waste Footprint (WasteFootprint)

 - Total Waste Quantity in Tonnes (TotalWasteQuantityinTonnes)
 - **Calculation**

$\text{Sum}(\text{WasteFootprint.Total Waste Quantity in Tonnes})$ for reporting years
- **Question Number: 306-4a**

- Logic: Apex class

- **Input Fields**

Waste Footprint Item (WasteFootprintItem)

- Disposal Type (DisposalType)
- Waste Type (WasteType)

- **Calculation**

Sum(WasteFootprintItem) for various waste types for a reporting period where WasteFootprintItem.Disposal Type != "landfilled"

- **Question Number: 306-5a**

- Logic: Apex class

- **Input Fields**

Waste Footprint Item (WasteFootprintItem)

- Waste Type (WasteType)
- Disposed Waste Quantity in Tonnes (DisposedWasteQuantityinTonnes)

- **Calculation**

Sum(WasteFootprintItem.Disposed Waste Quantity in Tonnes) grouped by WasteFootprintItem.Waste Type

- **Question Number: 306-5b**

- Logic: Apex class

- **Input Fields**

Waste Footprint Item (WasteFootprintItem)

- Disposal Type (DisposalType)
- Disposed Waste Quantity in Tonnes (DisposedWasteQuantityinTonnes)

- **Calculation**

Sum(WasteFootprintItem.Disposed Waste Quantity in Tonnes) grouped by WasteFootprintItem.Disposal Type

- **Question Number: 306-5c**

- Logic: Apex class

- **Input Fields**

Generated Waste (GeneratedWaste)

- Disposal Type (DisposalType)
- Disposed Waste Quantity in Tonnes (DisposedWasteQuantityinTonnes)

- **Calculation**

Sum(GeneratedWaste.Disposed Waste Quantity in Tonnes) grouped by GeneratedWaste.Disposal Type

- **Question Number: 306-5d**

- Logic: Apex class

- **Input Fields**

Generated Waste (GeneratedWaste)

- Disposal Type (DisposalType)
 - Disposed Waste Quantity in Tonnes (DisposedWasteQuantityinTonnes)
 - Disposal Site Type (DisposalSiteType)
 - Hazardous (IsHazardous)
- **Calculation**
- Sum(GeneratedWaste.Disposed Waste Quantity in Tonnes) grouped by GeneratedWaste.Disposal Type, GeneratedWaste.Disposal Site Type, GeneratedWaste.Hazardous

GRI 401 Employment

- **Question Number: 401-1a**
 - Logic: Apex class
 - **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

 - Employee Count (EmployeeCount)
 - Report Type (ReportType)
 - Gender (Gender)
 - Age Group (AgeGroup)
 - Region (Region)
 - **Calculation**

Sum(EmployeeDemographicSum.Employee Count) where EmployeeDemographicSum.Report Type = “New Hire” for the reporting period grouped by EmployeeDemographicSum.Gender, EmployeeDemographicSum.Age Group, and EmployeeDemographicSum.Region
- **Question Number: 401-1b**
 - Logic: Apex class
 - **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

 - Employee Count (EmployeeCount)
 - Report Type (ReportType)
 - Gender (Gender)
 - Age Group (AgeGroup)
 - Region (Region)
 - **Calculation**

Sum(EmployeeDemographicSum.Employee Count) where EmployeeDemographicSum.Report Type = “Turnover” for the reporting period grouped by EmployeeDemographicSum.Gender, EmployeeDemographicSum.Age Group, and EmployeeDemographicSum.Region

GRI 404 Training and Education

- **Question Number: 404-1a**
 - Logic: Apex class
 - **Input Fields**

Employee Development Summary (EmployeeDevelopmentSum)

 - Average Training Time (AverageTrainingTime)
 - Gender (Gender)
 - Employee Type (EmployeeType)
 - **Calculation**

Sum(EmployeeDevelopmentSum.Average Training Time) for the reporting period grouped by EmployeeDevelopmentSum.Gender, and EmployeeDevelopmentSum.Employee Type
- **Question Number: 404-3a**
 - Logic: Apex class
 - **Input Fields**

Employee Development Summary (EmployeeDevelopmentSum)

 - Employee Percentage (EmployeePercentage)
 - Gender (Gender)
 - Employee Type (EmployeeType)
 - **Calculation**

Sum(EmployeeDevelopmentSum.Employee Percentage) for the reporting period grouped by EmployeeDevelopmentSum.Gender, and EmployeeDevelopmentSum.Employee Type

GRI 405 Diversity and Equal Opportunity

- **Question Number: 405-1a**
 - Logic: Apex class
 - **Input Fields**

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

 - Employee Percentage (EmployeePercentage)
 - Diversity Category (DiversityCategory)
 - Employee Type (EmployeeType)
 - Gender (Gender)
 - Age Group (AgeGroup)
 - **Calculation**

Sum(DivrsEquityInclSum.Employee Percentage) where DivrsEquityInclSum.Diversity Category = "Representation" and DivrsEquityInclSum.Employee Type = "Governance Body Members" for the reporting period grouped by DivrsEquityInclSum.Gender, and DivrsEquityInclSum.Age Group

- **Question Number: 405-1b**

- Logic: Apex class

- **Input Fields**

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Employee Percentage (EmployeePercentage)
- Diversity Category (DiversityCategory)
- Employee Type (EmployeeType)
- Gender (Gender)
- Age Group (AgeGroup)

- **Calculation**

Sum(DivrsEquityInclSum.Employee Percentage) where DivrsEquityInclSum.Diversity Category = "Representation" and DivrsEquityInclSum.Employee Type = "Employees" for the reporting period grouped by DivrsEquityInclSum.Gender, and DivrsEquityInclSum.Age Group

- **Question Number: 405-2a**

- Logic: Apex class

- **Input Fields**

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Employee Percentage (EmployeePercentage)
- Diversity Category (DiversityCategory)

- **Calculation**

Sum(DivrsEquityInclSum.Employee Percentage) where DivrsEquityInclSum.Diversity Category = "Remuneration" for the reporting period

GRI 406 Non-discrimination

- **Question Number: 406-1a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Category (Category)

- **Calculation**

Sum(OrgIncidentSummary.Incident Count) where OrgIncidentSummary.Category = "Violation of Indigenous People Rights" for the reporting period

GRI 415 Public Policy

- **Question Number: 415-1a**

- Logic: Apex class

- **Input Fields**

Social Contribution Summary (SocialContributionSum)

- Total Amount (TotalAmount)
- Type (Type)
- Country (Country)

- **Calculation**

Sum(SocialContributionSum.Total Amount) where SocialContributionSum.Type = “Political” for the reporting period grouped by SocialContributionSum.Country

GRI 416 Customer Health and Safety

- **Question Number: 416-2a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Category (Category)
- Penalty Type (PenaltyType)

- **Calculation**

Sum(OrgIncidentSummary.Incident Count) where OrgIncidentSummary.Category = “Non-compliance - Customer Health and Safety” for the reporting period grouped by OrgIncidentSummary.Penalty Type

GRI 417 Marketing and Labeling

- **Question Number: 417-2a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Category (Category)
- Penalty Type (PenaltyType)

- **Calculation**

Sum(OrgIncidentSummary.Incident Count) where OrgIncidentSummary.Category = “Non-compliance - Marketing and Labeling” for the reporting period grouped by OrgIncidentSummary.Penalty Type

- **Question Number: 417-3a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Category (Category)
- Penalty Type (PenaltyType)

– **Calculation**

Sum(OrgIncidentSummary.Incident Count) where OrgIncidentSummary.Category = “Non-compliance - Marketing Communications” for the reporting period grouped by OrgIncidentSummary.Penalty Type

GRI 418 Customer Privacy

- **Question Number: 418-1b**

– Logic: Apex class

– **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Category (Category)
- Penalty Type (PenaltyType)

– **Calculation**

Sum(OrgIncidentSummary.Incident Count) where OrgIncidentSummary.Category = “Customer Privacy” for the reporting period

GRI 2 General Disclosures

- **Question Number: 2-7a**

– Logic: Apex class

– **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Count (EmployeeCount)
- Employment Type (EmploymentType)
- Gender (Gender)
- Region (Region)

– **Calculation**

Sum(EmployeeDemographicSum.Employee Count) where EmployeeDemographicSum.Employment Type != “Non-Employee” for the EmployeeDemographicSum.Disclosure Reporting Period grouped by EmployeeDemographicSum.Gender and EmployeeDemographicSum.Region

- **Question Number: 2-7b(i,ii,iii,iv,v)**

– Logic: Apex class

– **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Count (EmployeeCount)
- Employment Type (EmploymentType)
- Gender (Gender)
- Region (Region)

– **Calculation**

Sum(EmployeeDemographicSum.Employee Count) where EmployeeDemographicSum.Employment Type != “Non-Employee” for the EmployeeDemographicSum.Disclosure Reporting Period grouped by EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Region

• **Question Number: 2-8a**

– Logic: Apex class

– **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Count (EmployeeCount)
- Employment Type (EmploymentType)
- Work Type (WorkType)

– **Calculation**

Sum(EmployeeDemographicSum.Employee Count) where EmployeeDemographicSum.Employment Type = “Non-Employee” for the EmployeeDemographicSum.Disclosure Reporting Period grouped by EmployeeDemographicSum.Work Type

• **Question Number: 2-27a(i,ii)**

– Logic: Apex class

– **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Category (Category)
- Penalty Type (PenaltyType)

– **Calculation**

Sum(OrgIncidentSummary.Incident Count) where OrgIncidentSummary.Category = “Non-compliance - Laws and Regulations” for the EmployeeDemographicSum.Disclosure Reporting Period grouped by OrgIncidentSummary.Penalty Type

• **Question Number: 2-27b(i,ii)**

– Logic: Apex class

– **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Fine Amount (FineAmount)

- Incident Count (IncidentCount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Category (Category)
- Penalty Type (PenaltyType)

– **Calculation**

Sum(OrgIncidentSummary.Fine Amount and OrgIncidentSummary.Incident Count) where OrgIncidentSummary.Category = “Non-compliance - Laws and Regulations” for the EmployeeDemographicSum.Disclosure Reporting Period

- **Question Number: 2-27b2**

- Logic: Apex class

– **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Fine Amount (FineAmount)
- Incident Count (IncidentCount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Category (Category)
- Penalty Type (PenaltyType)

– **Calculation**

Sum(OrgIncidentSummary.Fine Amount and OrgIncidentSummary.Incident Count) for the EmployeeDemographicSum.Disclosure Reporting Period where OrgIncidentSummary.Category = “Non-compliance - Laws and Regulations” for the previous reporting period

GRI 201 Economic Performance

- **Question Number: 201-1 a (i,ii,iii)**

- Logic: Apex class

– **Input Fields**

Economic Performance Summary (EconomicPerformanceSum)

- Total Amount (TotalAmount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Performance Category (PerformanceCategory)

– **Calculation**

Sum(EconomicPerformanceSum.Total Amount) for the EconomicPerformanceSum.Disclosure Reporting Period where EconomicPerformanceSum.Performance Category = “Generated Value”

Sum(EconomicPerformanceSum.Total Amount) for the EconomicPerformanceSum.Disclosure Reporting Period where EconomicPerformanceSum.Performance Category = “Distributed Value”

Sum(EconomicPerformanceSum.Total Amount) for the EconomicPerformanceSum.Disclosure Reporting Period where EconomicPerformanceSum.Performance Category = “Retained Value”

- **Question Number: 201-1b**

- Logic: Apex class

- **Input Fields**

Economic Performance Summary (EconomicPerformanceSum)

- Total Amount (TotalAmount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Performance Category (PerformanceCategory)
- Country (Country)
- Market (Market)
- Region (Region)

- **Calculation**

Sum(EconomicPerformanceSum.Total Amount) for the EconomicPerformanceSum.Disclosure Reporting Period where EconomicPerformanceSum.Performance Category = “Generated Value” grouped by EconomicPerformanceSum.Country, EconomicPerformanceSum.Market, and EconomicPerformanceSum.Region

Sum(EconomicPerformanceSum.Total Amount) for the EconomicPerformanceSum.Disclosure Reporting Period where EconomicPerformanceSum.Performance Category = “Distributed Value” grouped by EconomicPerformanceSum.Country, EconomicPerformanceSum.Market, and EconomicPerformanceSum.Region

Sum(EconomicPerformanceSum.Total Amount) for the EconomicPerformanceSum.Disclosure Reporting Period where EconomicPerformanceSum.Performance Category = “Retained Value” grouped by EconomicPerformanceSum.Country, EconomicPerformanceSum.Market, and EconomicPerformanceSum.Region

- **Question Number: 201-4a (i,ii,iii,iv,v,vi,vii)**

- Logic: Apex class

- **Input Fields**

Economic Performance Summary (EconomicPerformanceSum)

- Total Amount (TotalAmount)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

Sum(EconomicPerformanceSum.Total Amount) for the EconomicPerformanceSum.Disclosure Reporting Period

- **Question Number: 201-4b**

- Logic: Apex class

- **Input Fields**

Economic Performance Summary (EconomicPerformanceSum)

- Total Amount (TotalAmount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Country (Country)

- **Calculation**

Sum(EconomicPerformanceSum.Total Amount) for the EconomicPerformanceSum.Disclosure Reporting Period grouped by EconomicPerformanceSum.Country

GRI 205: Anti-corruption

- **Question Number: 205-2a**

- Logic: Apex class

- **Input Fields**

Anti-Corruption Initiative Summary (AntiCorruptionInitSum)

- Recipient Count (RecipientCount)
- Recipient Percentage (RecipientPercentage)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Recipient Category (RecipientCategory)
- Region (Region)

- **Calculation**

Sum(AntiCorruptionInitSum.Recipient Count and AntiCorruptionInitSum.Recipient Percentage) for the AntiCorruptionInitSum.Disclosure Reporting Period where AntiCorruptionInitSum.Recipient Category = "Governance Body Members" grouped by AntiCorruptionInitSum.Region

- **Question Number: 205-2b**

- Logic: Apex class

- **Input Fields**

Anti-Corruption Initiative Summary (AntiCorruptionInitSum)

- Recipient Count (RecipientCount)
- Recipient Percentage (RecipientPercentage)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Recipient Category (RecipientCategory)
- Region (Region)

- **Calculation**

Sum(AntiCorruptionInitSum.Recipient Count and AntiCorruptionInitSum.Recipient Percentage) for the AntiCorruptionInitSum.Disclosure Reporting Period where AntiCorruptionInitSum.Recipient Category = "Employees" grouped by AntiCorruptionInitSum.Region

- **Question Number: 205-2c**

- Logic: Apex class

- **Input Fields**

Anti-Corruption Initiative Summary (AntiCorruptionInitSum)

- Recipient Count (RecipientCount)
- Recipient Percentage (RecipientPercentage)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Recipient Category (RecipientCategory)
- Region (Region)

- **Calculation**

Sum(AntiCorruptionInitSum.Recipient Count and AntiCorruptionInitSum.Recipient Percentage) for the AntiCorruptionInitSum.Disclosure Reporting Period where AntiCorruptionInitSum.Recipient Category = "Business Partners" grouped by AntiCorruptionInitSum.Region

- **Question Number: 205-3a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Incident Type (IncidentType)

- **Calculation**

Sum(OrgIncidentSummary.Incident Count) for the EmployeeDemographicSum.Disclosure Reporting Period where OrgIncidentSummary.Incident Type = "Corruption"

- **Question Number: 205-3b**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Category (Category)
- Corrective Action Type (CorrectiveActionType)
- Incident Type (IncidentType)

- **Calculation**

Sum(OrgIncidentSummary.Incident Count) for the EmployeeDemographicSum.Disclosure Reporting Period where OrgIncidentSummary.Incident Type = "Corruption" and OrgIncidentSummary.Corrective Action Type = "Employee Discipline" or OrgIncidentSummary.Corrective Action Type = "Employee Dismissal" or OrgIncidentSummary.Category = "Corruption - Employees Dismissed or Disciplined"

- **Question Number: 205-3c**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Category (Category)
- Corrective Action Type (CorrectiveActionType)
- Incident Type (IncidentType)

- **Calculation**

Sum(OrgIncidentSummary.Incident Count) for the EmployeeDemographicSum.Disclosure Reporting Period where OrgIncidentSummary.Incident Type = "Corruption" and OrgIncidentSummary.Corrective Action Type = "Employee Discipline" or OrgIncidentSummary.Corrective Action Type = "Contract Termination or Non-renewal" or OrgIncidentSummary.Category = "Corruption - Business Partners Contracts Terminated"

GRI 207 Tax

- **Question Number: 207-4b (i, ii, iii, iv, v, vi, vii, viii, ix, x)**

- Logic: GRI207U4DbDR

- **Input Fields**

Tax Disclosure Summary (TaxDisclosureSummary)

- Tax Jurisdiction (TaxJurisdiction)
- Disclosed By (DisclosedBy)
- Primary Activity (PrimaryActivity)
- Employee Count (EmployeeCount)
- Third Party Sales Revenue (ThirdPartySalesRevenue)
- Intra-Group Transaction Revenue (IntraGroupTrxnRev)
- Profit Loss Before Tax (ProfitLossBeforeTax)
- Tangible Asset Value (TangibleAssetValue)
- Income Tax Paid (IncomeTaxPaid)
- Income Tax Accrued (IncomeTaxAccrued)

- **Calculation**

For each TaxDisclosureSummary.Tax Jurisdiction reported in Disclosure 207-4-a, get

- Disclosed By
- Primary Activity
- Employee Count
- Third Party Sales Revenue
- Intra-Group Transaction Revenue
- Profit Loss Before Tax
- Tangible Asset Value
- Income Tax Paid
- Income Tax Accrued
- Reasons for the difference between corporate income tax accrued on profit or loss and the tax due if the statutory tax rate is applied to profit or loss before tax

CDP Standards

The CDP standards help investors, companies, cities, states, and regions to manage their environmental impacts.

Here are the calculations for the values derived from Net Zero Cloud object records:



Note: When using Apex code, you can query for only 50K records. If there are more than 50K records, only the first 50K records are used for the calculations.

• 7.6

– Logic

Data Mapper: CDP7D6DM

Apex Class: CDP7D6Class

– Description

What were your organization's gross global Scope 1 emissions in metric tons CO₂e for the reporting year and the number of past years selected in question 1.4: Number of past reporting years you will be providing Scope 1 emissions data for.

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 1 Emissions (tCO₂e) (TotalScope1Emissions)

– Calculation

For the reporting year and the previous years in 1.4, get the AnnualEmssnInventory.Total Scope 1 Emissions(tCo2e).

• 7.7

Data Mapper: CDP7D7DM

– Logic

Apex Class: CDP7D7Class

– Description

Get the total location-based and market-based scope 2 emissions for the reporting year and the number of past years selected in question 1.4 Number of past reporting years you will be providing Scope 2 emissions data for.

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 2 Location-Based Emissions from Commercial Buildings (tCO₂e) (Scope2LocBasedEmssnCmclBld)
- Scope 2 Location-Based Emissions from Data Centers (tCO₂e) (Scope2LocBasedEmssnDataCtr)
- Scope 2 Market-Based Emissions from Commercial Buildings (tCO₂e) (Scope2MarketBasedEmssnCmclBld)
- Scope 2 Market-Based Emissions from Data Centers (tCO₂e) (Scope2MarketBasedEmssnDataCtr)

– Calculation

SUM(AnnualEmssnInventory.Scope 2 Location-Based Emissions from Commercial Buildings (tCO₂e), AnnualEmssnInventory.Scope 2 Location-Based Emissions from Data Centers (tCO₂e)) SUM(AnnualEmssnInventory.Scope 2 Market-Based Emissions from Commercial Buildings (tCO₂e), AnnualEmssnInventory.Scope 2 Market-Based Emissions from Data Centers (tCO₂e))

• 7.8

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise**, **Performance**, **Unlimited**, and **Developer** Editions

– Logic

Apex class : CDP7D8Class

– Description

Account for your organization's gross global scope 3 emissions, disclosing and explaining any exclusions.

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Business Travel (tCO2e) (Scope3EmissionsBusinessTravel)
- Scope 3 Emissions from Capital Goods (tCO2e) (Scope3EmissionsCapitalGoods)
- Scope 3 Emissions from Downstream Leased Assets (tCO2e) (Scp3EmssnDnstrmLeasedAssets)
- Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e) (Scp3EmssnDownstreamTrnspDstr)
- Scope 3 Emissions from Employee Commuting (tCO2e) (Scope3EmssnEmployeeCommuting)
- Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO2e) (Scp3EmssnEolTreatOfSoldPrdct)
- Scope 3 Emissions from Franchises (tCO2e) (Scope3EmissionsFranchises)
- Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e) (Scp3EmssnFuelEnergyActivity)
- Scope 3 Emissions from Investments (tCO2e) (Scope3EmissionsInvestments)
- Scope 3 Emissions from Processing of Sold Products (tCO2e) (Scp3EmssnProcSoldProducts)
- Scope 3 Emissions from Purchased Goods and Services (tCO2e) (Scp3EmssnPurchGoodsAndServices)
- Scope 3 Emissions from Upstream Leased Assets (tCO2e) (Scp3EmssnUpstreamLeasedAssets)
- Scope 3 Emissions from Upstream Transportation and Distribution (tCO2e) (Scp3EmssnUpstreamTrnspDstr)
- Scope 3 Emissions from Use of Sold Products (tCO2e) (Scope3EmssnUseOfSoldProducts)
- Scope 3 Emissions from Waste Generated in Operations (tCO2e) (Scope3EmissionsWasteGenInOper)
- Year (Year)

– Calculation

For the selected year, get the AnnualEmssnInventory.Scope 3 Emissions from Business Travel (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Capital Goods (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Downstream Leased Assets (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Employee Commuting (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Franchises (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Investments (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Processing of Sold Products (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Purchased Goods and Services (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Upstream Leased Assets (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Upstream Transportation and Distribution (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Use of Sold Products (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Waste Generated in Operations (tCO2e)

• 7.8.1

– Logic

Data Mapper: CDP7D8D1DM

Apex class: CDP7D8D1Class

– Description

Disclose or restate your scope 3 emissions data for previous years selected in question 1.4 Number of past reporting years you will be providing Scope 3 emissions data for.

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Business Travel (tCO2e) (Scope3EmissionsBusinessTravel)
- Scope 3 Emissions from Capital Goods (tCO2e) (Scope3EmissionsCapitalGoods)
- Scope 3 Emissions from Downstream Leased Assets (tCO2e) (Scp3EmssnDnstrmLeasedAssets)
- Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e) (Scp3EmssnDownstreamTrnspDstr)
- Scope 3 Emissions from Employee Commuting (tCO2e) (Scope3EmssnEmployeeCommuting)
- Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO2e) (Scp3EmssnEolTreatOfSoldPrdct)
- Scope 3 Emissions from Franchises (tCO2e) (Scope3EmissionsFranchises)
- Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e) (Scp3EmssnFuelEnergyActivity)
- Scope 3 Emissions from Investments (tCO2e) (Scope3EmissionsInvestments)
- Scope 3 Emissions from Processing of Sold Products (tCO2e) (Scp3EmssnProcSoldProducts)
- Scope 3 Emissions from Purchased Goods and Services (tCO2e) (Scp3EmssnPurchGoodsAndServices)
- Scope 3 Emissions from Upstream Leased Assets (tCO2e) (Scp3EmssnUpstreamLeasedAssets)
- Scope 3 Emissions from Upstream Transportation and Distribution (tCO2e) (Scp3EmssnUpstreamTrnspDstr)
- Scope 3 Emissions from Use of Sold Products (tCO2e) (Scope3EmssnUseOfSoldProducts)
- Scope 3 Emissions from Waste Generated in Operations (tCO2e) (Scope3EmissionsWasteGenInOper)
- Year (Year)

– Calculation

For the number of past years selected in question 1.4 Number of past reporting years you will be providing Scope 3 emissions data for, get the AnnualEmssnInventory.Scope 3 Emissions from Business Travel (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Capital Goods (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Downstream Leased Assets (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Employee Commuting (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Franchises (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Investments (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Processing of Sold Products (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Purchased Goods and Services (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Upstream Leased Assets (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Upstream Transportation and Distribution (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Use of Sold Products (tCO2e), AnnualEmssnInventory.Scope 3 Emissions from Waste Generated in Operations (tCO2e)

• 7.10

– Logic

Apex class: CDPC7D10Class

– Description

How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 1 Emissions (tCO2e) (TotalScope1Emissions)
- Total Scope 2 Emissions (tCO2e) (TotalScope2Emissions)
- Year (Year)

– Calculation

Current year SUM(AnnualEmssnInventory.Total Scope 1 Emissions (tCO2e) and AnnualEmssnInventory.Total Scope 2 Emissions (tCO2e)) – Previous year SUM(AnnualEmssnInventory.Total Scope 1 Emissions (tCO2e) and AnnualEmssnInventory.Total Scope 2 Emissions (tCO2e))

- If > 0 = Increased
- If < 0 = Decreased
- If = 0 = No change

• 7.15.1

– Logic

Apex class: CDP7D15D1Class

– Description

Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

– Input Fields

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

- CH4 Emissions (kg) (Ch4EmissionsInKg)
- CO2 Emissions (kg) (Co2EmissionsInKg)
- N2O Emissions (kg) (N2oEmissionsInKg)

Vehicle Asset Carbon Footprint (VehicleAssetCrbnFtpnt)

- CH4 Emissions (kg) (Ch4EmissionsInKg)
- CO2 Emissions (kg) (Co2EmissionsInKg)
- N2O Emissions (kg) (N2oEmissionsInKg)

– Calculation

For CO2, SUM(StnryAssetCrbnFtpnt.CO2 Emissions (kg) and VehicleAssetCrbnFtpnt.CO2 Emissions (kg))

For CH4, SUM(StnryAssetCrbnFtpnt.CH4 Emissions (kg) and VehicleAssetCrbnFtpnt.CH4 Emissions (kg))

For N2O, SUM(StnryAssetCrbnFtpnt.N2O Emissions (kg) and VehicleAssetCrbnFtpnt.N2O Emissions (kg))

• 7.17.3

– Logic

Apex class: CDP7D17D3Class

– Description

Breakdown your total gross global Scope 1 emissions by business activity.

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 1 Emissions from Commercial Buildings (tCO2e) (Scope1EmssnCommercialBuildings)
- Scope 1 Emissions from Data Centers (tCO2e) (Scope1EmissionsDataCenters)
- Scope 1 Emissions from Fleet Vehicles (tCO2e) (Scope1EmissionsFleetVehicles)
- Scope 1 Emissions from Private Jets (tCO2e) (Scope1EmissionsPrivateJets)
- Year (Year)

– Calculation

For the current year.

- For Commercial Buildings, AnnualEmssnInventory.Scope 1 Emissions from Commercial Buildings (tCO2e)
- For Data Centers, AnnualEmssnInventory.Scope 1 Emissions from Data Centers (tCO2e)
- For Fleet Vehicles, AnnualEmssnInventory.Scope 1 Emissions from Fleet Vehicles (tCO2e)
- For Private Jets, AnnualEmssnInventory.Scope 1 Emissions from Private Jets (tCO2e)

• 7.20.3

– Logic

Apex class: CDP7D20D3Class

– Description

Breakdown your total gross global Scope 2 emissions by business activity.

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 2 Location-Based Emissions from Commercial Buildings (tCO2e) (Scope2LocBasedEmssnCmclBld)
- Scope 2 Location-Based Emissions from Data Centers (tCO2e) (Scope2LocBasedEmssnDataCtr)
- Scope 2 Market-Based Emissions from Commercial Buildings (tCO2e) (Scope2MarketBasedEmssnCmclBld)
- Scope 2 Market-Based Emissions from Data Centers (tCO2e) (Scope2MarketBasedEmssnDataCtr)
- Scope 2 Emissions from Fleet Vehicles (tCO2e) (Scope2EmissionsFleetVehicles)
- Scope 2 Emissions from Private Jets (tCO2e) (Scope2EmissionsPrivateJets)
- Year (Year)

– Calculation

Get the AnnualEmssnInventory.Scope 2 Location-Based Emissions from Commercial Buildings (tCO2e), AnnualEmssnInventory.Scope 2 Location-Based Emissions from Data Centers (tCO2e), AnnualEmssnInventory.Scope 2 Market-Based Emissions from Commercial Buildings (tCO2e), AnnualEmssnInventory.Scope 2 Market-Based Emissions from Data Centers (tCO2e), AnnualEmssnInventory.Scope 2 Emissions from Fleet Vehicles (tCO2e), AnnualEmssnInventory.Scope 2 Emissions from Private Jets (tCO2e) for the reporting year.

• 7.30

– Logic

Apex class: CDP7D30Class

– Description

Select which energy-related activities your organization has undertaken.

- **Input Fields**

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)

- **Calculation**

For StnryAssetCrbnFtpnt, in Indicate whether your organization undertook this energy-related activity in the reporting year, indicate:

- Yes: If the user has StnryAssetCrbnFtpntltm records for the given reporting year and the particular fuel type.
- No: If the user doesn't have StnryAssetCrbnFtpntltm records for the given reporting year and the particular fuel type.

- **7.30.1**

- **Logic**

Apex class: CDP7D30Class

- **Description**

Report your organization's energy consumption totals (excluding feedstocks) in MWh.

- **Input Fields**

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)

- **Calculation**

- Activity: Use same values as provided by CDP
- Heating Value: Select Unable to confirm heating value
- Total (renewable + non-renewable) MWh: Consolidate Total Energy Consumption (kWh) from all the StnryAssetCrbnFtpntltm records in the given reporting period and specified fuel in the Annual Emission Inventory and convert kWh to mWh

Here are the calculations for the values from CDP expressions:

- **2.2.4: Portfolio**

- **Input Fields**

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio
- Activity undertaken

- **Calculation**

2.2.4 Portfolio = 1.10 Portfolio

- **2.2.5: Portfolio**

- **Input Fields**

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio
- Activity undertaken

- **Calculation**

2.2.5 Portfolio = 1.10 Portfolio

- **2.2.6: Portfolio**

- **Input Fields**

2.2.4 Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts related to your portfolio activities?

- Portfolio
- Process in place covering this portfolio

2.2.5 Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities related to your portfolio activities?

- Portfolio
- Process in place covering this portfolio

- **Calculation**

2.2.6 Portfolio = 2.2.4 Portfolio or 2.2.5 Portfolio

- **2.2.8: Portfolio**

- **Input Fields**

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio
- Activity undertaken

- **Calculation**

2.2.8 Portfolio = 1.10 Portfolio

- **2.2.9: Portfolio**

- **Input Fields**

2.2.8 Does your organization consider environmental information about your clients/investees as part of your due diligence and/or environmental dependencies, impacts, risks and/or opportunities assessment process?

- Portfolio
- We consider environmental information

- **Calculation**

2.2.9 Portfolio = 2.2.8 Portfolio

- **2.2.9: Total portfolio value covered by the process**

- **Input Fields**

2.2.9 Indicate the environmental information your organization considers about clients/investees as part of your due diligence and/or environmental dependencies, impacts, risks and/or opportunities assessment process, and how this influences decision-making.

- % of portfolio covered by the process in relation to total portfolio value

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio value based on total assets

– **Calculation**

2.2.9 Total portfolio value covered by the process = (2.2.9 % of portfolio covered by the process in relation to total portfolio value / 100) * 1.10 Portfolio value based on total assets

- **7.30.2: Activity**

– **Input Fields**

7.30 Select which energy-related activities your organization has undertaken.

- Activity
- Indicate whether your organization undertook this energy-related activity in the reporting year

– **Calculation**

7.30.2 Activity = 7.30 Activity

- **7.30.3: Activity**

– **Input Fields**

7.30 Select which energy-related activities your organization has undertaken.

- Activity
- Indicate whether your organization undertook this energy-related activity in the reporting year

– **Calculation**

7.30.3 Activity = 7.30 Activity

- **7.30.4: Activity**

– **Input Fields**

7.30 Select which energy-related activities your organization has undertaken.

- Activity
- Indicate whether your organization undertook this energy-related activity in the reporting year

– **Calculation**

7.30.4 Activity = 7.30 Activity

- **7.30.5: Activity**

– **Input Fields**

7.30 Select which energy-related activities your organization has undertaken.

- Activity
- Indicate whether your organization undertook this energy-related activity in the reporting year

– **Calculation**

7.30.5 Activity = 7.30 Activity

- **7.30.16: Country/area**

- **Input Fields**

1.7 Select the countries/areas in which you operate.

- **Calculation**

Country/area = 1.7 Select the countries/areas in which you operate

- **7.30.16: Total heat/steam/cooling energy consumption (MWh)**

- **Input Fields**

7.30.16 Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

- Consumption of purchased electricity (MWh)
- Consumption of self-generated electricity (MWh)
- Consumption of purchased heat, steam, and cooling (MWh)
- Consumption of self-generated heat, steam, and cooling (MWh)

- **Calculation**

Total heat/steam/cooling energy consumption (MWh) = Consumption of purchased electricity (MWh) + Consumption of self-generated electricity (MWh) + Consumption of purchased heat, steam, and cooling (MWh) + Consumption of self-generated heat, steam, and cooling (MWh)

- **7.46: Scope 1 emissions intensity (Gross generation)**

- **Input Fields**

1.16.1 For your electricity generation activities, provide details of your nameplate capacity and electricity generation specifics for each technology employed.

- Gross electricity generation (GWh)

7.46 For your electric utility activities, provide a breakdown of your Scope 1 emissions and emissions intensity relating to your total power plant capacity and generation during the reporting year by source.

- Absolute scope 1 emissions (metric tons CO₂e)

- **Calculation**

Scope 1 emissions intensity (Gross generation) = Absolute scope 1 emissions (metric tons CO₂e)/Gross electricity generation (GWh)

- **7.46: Scope 1 emissions intensity (Net generation)**

- **Input Fields**

1.16.1 For your electricity generation activities, provide details of your nameplate capacity and electricity generation specifics for each technology employed.

- Net electricity generation (GWh)

7.46 For your electric utility activities, provide a breakdown of your Scope 1 emissions and emissions intensity relating to your total power plant capacity and generation during the reporting year by source.

- Absolute scope 1 emissions (metric tons CO₂e)

- **Calculation**

Scope 1 emissions intensity (Net generation) = Absolute scope 1 emissions (metric tons CO₂e)/Net electricity generation (GWh)

- **7.53.1: Base year total Scope 3 emissions covered by target (metric tons CO2e)**

- **Input Fields**

7.53.1 Provide details of your absolute emissions target(s) and progress made against those targets.

- Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)
- Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)
- Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)
- Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)

- **Calculation**

Base year total Scope 3 emissions covered by target (metric tons CO2e) = Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e) + Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e) + Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e) + Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)

- **7.53.1: Total base year emissions covered by target in all selected Scopes (metric tons CO2e)**

- **Input Fields**

7.53.1 Provide details of your absolute emissions target(s) and progress made against those targets.

- Base year Scope 1 emissions covered by target (metric tons CO2e)

- Base year Scope 2 emissions covered by target (metric tons CO2e)
- Base year total Scope 3 emissions covered by target (metric tons CO2e)

– Calculation

Total base year emissions covered by target in all selected Scopes (metric tons CO2e) = Base year Scope 1 emissions covered by target (metric tons CO2e) + Base year Scope 2 emissions covered by target (metric tons CO2e) + Base year total Scope 3 emissions covered by target (metric tons CO2e)

• 7.53.1: Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

– Input Fields

7.53.1 Provide details of your absolute emissions target(s) and progress made against those targets.

- Total base year emissions covered by target in all selected Scopes (metric tons CO2e)
- Targeted reduction from base year (%)

– Calculation

Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e) = (100 - Targeted reduction from base year (%)/100 * Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

• 7.53.1: Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

– Input Fields

7.53.1 Provide details of your absolute emissions target(s) and progress made against those targets.

- Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)
- Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)

– Calculation

Total Scope 3 emissions in reporting year covered by target (metric tons CO₂e) = Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO₂e) + Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO₂e)

- **7.53.1: Total emissions in reporting year covered by target in all selected scopes (metric tons CO₂e)**

- **Input Fields**

7.53.1 Provide details of your absolute emissions target(s) and progress made against those targets.

- Scope 1 emissions in reporting year covered by target (metric tons CO₂e)
- Scope 2 emissions in reporting year covered by target (metric tons CO₂e)
- Total Scope 3 emissions in reporting year covered by target (metric tons CO₂e)

- **Calculation**

Total emissions in reporting year covered by target in all selected scopes (metric tons CO₂e) = Scope 1 emissions in reporting year covered by target (metric tons CO₂e) + Scope 2 emissions in reporting year covered by target (metric tons CO₂e) + Total Scope 3 emissions in reporting year covered by target (metric tons CO₂e)

- **7.53.1: % of target achieved relative to base year**

- **Input Fields**

7.53.1 Provide details of your total emissions target(s) and progress made against those targets.

- Total base year emissions covered by target in all selected Scopes (metric tons CO₂e)
- Targeted reduction from base year (%)
- Total emissions in reporting year covered by target in all selected scopes (metric tons CO₂e)

- **Calculation**

% of target achieved relative to base year = ((Total base year emissions covered by target in all selected Scopes (metric tons CO₂e) - Total emissions in reporting year covered by target in all selected scopes (metric tons CO₂e)) / (Total base year emissions covered by target in all

- **7.53.2: Intensity figure in base year for total Scope 3 (metric tons CO₂e per unit of activity)**

- **Input Fields**

7.53.2 Provide details of your emissions intensity target(s) and progress made against those target(s).

- Intensity figure in base year for Scope 3, Category 1: Purchased goods and services (metric tons CO₂e per unit of activity)

- Intensity figure in base year for Scope 3, Category 2: Capital goods (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 5: Waste generated in operations (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 6: Business travel (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 7: Employee commuting (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 8: Upstream leased assets (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 10: Processing of sold products (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 11: Use of sold products (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 13: Downstream leased assets (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 14: Franchises (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Category 15: Investments (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Other (upstream) (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 3, Other (downstream) (metric tons CO2e per unit of activity)

– Calculation

Intensity figure in base year for total Scope 3 (metric tons CO2e per unit of activity) = Intensity figure in base year for Scope 3, Category 1: Purchased goods and services (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 2: Capital goods (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 5: Waste generated in operations (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 6: Business travel (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 7: Employee commuting (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 8: Upstream leased assets (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 10: Processing of sold products (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 11: Use of sold products (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 13: Downstream leased assets (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 14: Franchises (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Category 15: Investments (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Other (upstream) (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 3, Other (downstream) (metric tons CO2e per unit of activity)

• 7.53.2: Intensity figure in base year for all selected Scopes (metric tons CO2e per unit of activity)

– Input Fields

7.53.2 Provide details of your emissions intensity target(s) and progress made against those target(s).

- Intensity figure in base year for Scope 1 (metric tons CO2e per unit of activity)
- Intensity figure in base year for Scope 2 (metric tons CO2e per unit of activity)

- Intensity figure in base year for total Scope 3 (metric tons CO2e per unit of activity)

– Calculation

Intensity figure in base year for all selected Scopes (metric tons CO2e per unit of activity) = Intensity figure in base year for Scope 1 (metric tons CO2e per unit of activity) + Intensity figure in base year for Scope 2 (metric tons CO2e per unit of activity) + Intensity figure in base year for total Scope 3 (metric tons CO2e per unit of activity)

• 7.53.2: Intensity figure at end date of target for all selected Scopes (metric tons CO2e per unit of activity)

– Input Fields

7.53.2 Provide details of your emissions intensity target(s) and progress made against those target(s).

- Targeted reduction from base year (%)
- Intensity figure in base year for all selected Scopes (metric tons CO2e per unit of activity)

– Calculation

Intensity figure at end date of target for all selected Scopes (metric tons CO2e per unit of activity) = $((100 - \text{Targeted reduction from base year (\%)}) / 100) * \text{Intensity figure in base year for all selected Scopes (metric tons CO2e per unit of activity)}$

• 7.53.2: Intensity figure in reporting year for total Scope 3 (metric tons CO2e per unit of activity)

– Input Fields

7.53.2 Provide details of your emissions intensity target(s) and progress made against those target(s).

- Intensity figure in reporting year for Scope 3, Category 1: Purchased goods and services (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 2: Capital goods (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 3: Fuel- and energy-related activities (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 5: Waste generated in operations (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 6: Business travel (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 7: Employee commuting (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 8: Upstream leased assets (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 10: Processing of sold products (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 11: Use of sold products (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 13: Downstream leased assets (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 14: Franchises (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Category 15: Investments (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Other (upstream) (metric tons CO2e per unit of activity)
- Intensity figure in reporting year for Scope 3, Other (downstream) (metric tons CO2e per unit of activity)

– Calculation

Intensity figure in reporting year for total Scope 3 (metric tons CO₂e per unit of activity) = Intensity figure in reporting year for Scope 3, Category 1: Purchased goods and services (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 2: Capital goods (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 3: Fuel- and energy-related activities (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 5: Waste generated in operations (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 6: Business travel (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 7: Employee commuting (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 8: Upstream leased assets (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 10: Processing of sold products (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 11: Use of sold products (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 13: Downstream leased assets (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 14: Franchises (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Category 15: Investments (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Other (upstream) (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 3, Other (downstream) (metric tons CO₂e per unit of activity)

- **7.53.2: Intensity figure in reporting year for all selected Scopes (metric tons CO₂e per unit of activity)**

- **Input Fields**

7.53.2 Provide details of your emissions intensity target(s) and progress made against those target(s).

- Intensity figure in reporting year for Scope 1 (metric tons CO₂e per unit of activity)
- Intensity figure in reporting year for Scope 2 (metric tons CO₂e per unit of activity)
- Intensity figure in reporting year for total Scope 3 (metric tons CO₂e per unit of activity)

- **Calculation**

Intensity figure in reporting year for all selected Scopes (metric tons CO₂e per unit of activity) = Intensity figure in reporting year for Scope 1 (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for Scope 2 (metric tons CO₂e per unit of activity) + Intensity figure in reporting year for total Scope 3 (metric tons CO₂e per unit of activity)

- **7.53.2: % of target achieved relative to base year**

- **Input Fields**

7.53.2 Provide details of your emissions intensity target(s) and progress made against those target(s).

- Intensity figure in base year for all selected Scopes (metric tons CO₂e per unit of activity)
- Intensity figure in reporting year for all selected Scopes (metric tons CO₂e per unit of activity)
- Targeted reduction from base year (%)

- **Calculation**

% of target achieved relative to base year = ((Intensity figure in base year for all selected Scopes (metric tons CO₂e per unit of activity) - Intensity figure in reporting year for all selected Scopes (metric tons CO₂e per unit of activity)) / (Intensity figure in base year for all selected Scopes (metric tons CO₂e per unit of activity) * Targeted reduction from base year (%) / 100)) * 100
selected Scopes (metric tons CO₂e) - Targeted reduction from base year (%) / 100 * 100

- **7.53.4: % of target achieved relative to base year**

- **Input Fields**

7.53.4 Provide details of the climate-related targets for your portfolio.

- Figure in base year
- Figure in target year
- Figure in reporting year

– **Calculation**

% of target achieved relative to base year = $((\text{Figure in base year} - \text{Figure in reporting year}) / (\text{Figure in base year} - \text{Figure in target year})) * 100$

• **7.54.1: % of target achieved relative to base year**

– **Input Fields**

7.54.1 Provide details of your targets to increase or maintain low-carbon energy consumption or production.

- % share of low-carbon or renewable energy in base year
- % share of low-carbon or renewable energy at end date of target
- % share of low-carbon or renewable energy in reporting year

– **Calculation**

% of target achieved relative to base year = $(\% \text{ share of low-carbon or renewable energy in reporting year} - \% \text{ share of low-carbon or renewable energy in base year}) / (\% \text{ share of low-carbon or renewable energy at end date of target} - \% \text{ share of low-carbon or renewable energy in base year}) * 100$

• **7.54.2: % of target achieved relative to base year**

– **Input Fields**

7.54.2 Provide details of any other climate-related targets, including methane reduction targets.

- Figure or percentage in base year
- Figure or percentage at end of date of target
- Figure or percentage in reporting year

– **Calculation**

% of target achieved relative to base year = $((\text{Figure or percentage in reporting year} - \text{Figure or percentage in base year}) / (\text{Figure or percentage at end of date of target} - \text{Figure or percentage in base year})) * 100$

• **12.1.1: Portfolio**

– **Input Fields**

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio
- Activity undertaken

– **Calculation**

12.1.1 Portfolio = 1.10 Portfolio

• **12.1.1: Total value of assets included in the financed emissions calculation**

– **Input Fields**

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio
- Portfolio value based on total assets

12.1.1 Provide details of your organization's financed emissions in the reporting year and in the base year.

- Portfolio
- % of portfolio covered in relation to total portfolio value

– Calculation

12.1.1 Total value of assets included in the financed emissions calculation = (1.10 % of portfolio covered in relation to total portfolio value)/100 * 12.1.1 Portfolio value based on total assets

• 12.3: Portfolio

– Input Fields

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio
- Activity undertaken

– Calculation

12.3 Portfolio = 1.10 Portfolio

• 12.5: Portfolio

– Input Fields

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio
- Activity undertaken

– Calculation

12.5 Portfolio = 1.10 Portfolio

• 12.5: Portfolio

– Input Fields

1.10 Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

- Portfolio
- Activity undertaken
- Portfolio value based on total assets

– Calculation

Total assets in your portfolio (unit currency as selected in 1.2) = Portfolio value based on total assets

SASB Standards

The Sustainability Accounting Standards Board (SASB) standards enable organizations to provide industry-based disclosures about sustainability-related risks and opportunities.

 **Note:** Our platform provides you with the option to track data that you deem appropriate. We don't mandate or require you to enter any specific data. The decision to enter and track information, as well as the nature and extent of that data, rests solely with you.

Here are the calculations:

EDITIONS

Available in: Lightning Experience

Available in: **Enterprise, Performance, Unlimited,** and **Developer** Editions

General

- **ReportingStartDate**
 - Logic: GetStartDateEndDate
 - **Input Fields**
 - Disclosure Reporting Period (DisclsReportingPeriod)
 - Start Date (StartDate)
 - **Calculation**
 - DisclsReportingPeriod.Start Date
- **ReportingEndDate**
 - Logic: GetStartDateEndDate
 - **Input Fields**
 - Disclosure Reporting Period (DisclsReportingPeriod)
 - End Date (EndDate)
 - **Calculation**
 - DisclsReportingPeriod.End Date

Technology & Communications

- **TC-SI-130a.1a**
 - Logic: TCUSIU130aD1aDataRaptor
 - Description: Total energy consumed.
 - **Input Fields**
 - Annual Emissions Inventory (AnnualEmssnInventory)
 - Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
 - Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
 - **Calculation**
 - $(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 0.0036$
- **TC-SI-130a.1b**

- Logic: TCUSIU130aD1bDataRaptor
- Description: Percentage of total energy consumed that is grid electricity.

- **Input Fields**

Stationary Asset Carbon Footprint (StnryAssetCrbnFtprnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

- **Calculation**

$$\frac{\text{SUM}(\text{StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh) where StnryAssetCrbnFtprntltm.Fuel Type = "Electricity"})}{(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)})} \times 100$$

- **TC-SI-130a.1c**

- Logic: TCUSIU130aD1cDataRaptor
- Description: Percentage of total energy consumed that is renewable energy.

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
- Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)
- Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)

- **Calculation**

$$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Commercial Buildings}) + (\text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Data Centers})$$

- **TC-SI-130a.2a**

- Logic: TCUSIU130aD2aDataRaptor
- Description: Total water withdrawn.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Withdrawn}$

- **TC-SI-130a.2b**

- Logic: TCUSIU130aD2bDataRaptor
- Description: Total water consumed.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtpnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtpntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Consumed}$

- **TC-SI-130a.2c**

- Logic: TCUSIU130aD2cDataRaptor
- Description: Percentage of total water withdrawn in regions with high or extremely high baseline water stress.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtpnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtpntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)
- Baseline Water Stress (BaselineWaterStress)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Withdrawn}$ and $\text{StnryAssetWtrFtpntltm.Baseline Water Stress} = \text{"High 40- 80\%"} \text{ or "Extremely high > 80\%"}$

- **TC-SI-130a.2d**

- Logic: TCUSIU130aD2dDataRaptor
- Description: Percentage of total water consumed in regions with high or extremely high baseline water stress.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtpnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtpntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)
- Baseline Water Stress (BaselineWaterStress)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpntltm.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Consumed}$ and $\text{StnryAssetWtrFtpntltm.Baseline Water Stress} = \text{"High 40- 80\%"} \text{ or "Extremely high } > 80\%"$

- **TC-SI-220a.3a, TC-SI-520a.1a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Category (Category)
- Incident Subtype (IncidentSubtype)
- Incident Type (IncidentType)
- Penalty Type (PenaltyType)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Fine Amount (FineAmount)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get OrgIncidentSummary.Fine Amount where OrgIncidentSummary.Penalty Type = "Monetary Fine"

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-SI-230a.1a**

- Logic: TCUSIU230aD1aDataRaptor

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period, sum of OrgIncidentSummary.Incident Count where OrgIncidentSummary.Incident Sub Type = "Data Breach"

- **TC-SI-230a.1b**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Category (Category)
- Incident Type (IncidentType)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get (OrgIncidentSummary.Incident Count / Sum of all OrgIncidentSummary.Incident Count) × 100

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-SI-330a.3a, TC-SI-330a.3b, TC-SI-330a.3c, TC-SI-330a.3d, TC-SI-330a.3e, TC-SI-330a.3f, TC-SI-330a.3g, TC-SI-330a.3h, TC-SI-330a.3i**

- Logic: Apex class

- **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employment Type (EmploymentType)
- Gender (Gender)
- Work Type (WorkType)
- Percentage (Percentage)

- **Calculation**

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Work Type, get EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Work Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-SI-330a.3aa, TC-SI-330a.3j, TC-SI-330a.3k, TC-SI-330a.3l, TC-SI-330a.3m, TC-SI-330a.3n, TC-SI-330a.3o, TC-SI-330a.3p, TC-SI-330a.3q, TC-SI-330a.3r, TC-SI-330a.3s, TC-SI-330a.3t, TC-SI-330a.3u, TC-SI-330a.3v, TC-SI-330a.3w, TC-SI-330a.3x, TC-SI-330a.3y, TC-SI-330a.3z**

- Logic: Apex class

- **Input Fields**

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Type (EmployeeType)
- Employment Type (EmploymentType)
- Gender (Gender)
- Race (Race)
- Employee Percentage (EmployeePercentage)

- **Calculation**

For DivrsEquityInclSum.Disclosure Reporting Period and selected DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, and DivrsEquityInclSum.Race, get DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, DivrsEquityInclSum.Race, DivrsEquityInclSum.Gender, and DivrsEquityInclSum.Employee Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Telecommunication Services

- **TC-TL-130a.1a**

- Logic: TCUTLU130aD1aDataRaptor
- Description: Total energy consumed.

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

- **Calculation**

$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 0.0036$

- **TC-TL-130a.1b**

- Logic: TCUTLU130aD1bDataRaptor
- Description: Percentage of total energy consumed that is grid electricity.

- **Input Fields**

Stationary Asset Carbon Footprint (StnryAssetCrbnFtprnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntItm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

- **Calculation**

$\text{SUM}(\text{StnryAssetCrbnFtprntItm.Total Energy Consumption (kWh) where StnryAssetCrbnFtprntItm.Fuel Type} = \text{"Electricity"}) / (\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 100$

- **TC-TL-130a.1c**

- Logic: TCUTLU130aD1cDataRaptor
- Description: Percentage of total energy consumed that is renewable energy.

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
- Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)

- Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)

- **Calculation**

$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Commercial Buildings}) + (\text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Data Centers})$

- **TC-TL-230a.1a**

- Logic: TCUTLU230aD1aDataRaptor

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period, sum of OrgIncidentSummary.Incident Count where OrgIncidentSummary.Incident Sub Type = "Data Breach"

- **TC-TL-230a.1b**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Category (Category)
- Incident Type (IncidentType)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get $(\text{OrgIncidentSummary.Incident Count} / \text{Sum of all OrgIncidentSummary.Incident Count}) \times 100$

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-TL-520a.1a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Category (Category)
- Incident Subtype (IncidentSubtype)
- Incident Type (IncidentType)

- Penalty Type (PenaltyType)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Fine Amount (FineAmount)

– Calculation

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get OrgIncidentSummary.Fine Amount where OrgIncidentSummary.Penalty Type = "Monetary Fine"

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Internet Media & Services

• TC-IM-130a.1a

- Logic: TCUIMU130aD1aDataRaptor
- Description: Total energy consumed.

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

– Calculation

$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 0.0036$

• TC-IM-130a.1b

- Logic: TCUIMU130aD1bDataRaptor
- Description: Percentage of total energy consumed that is grid electricity.

– Input Fields

Stationary Asset Carbon Footprint (StnryAssetCrbnFtprnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntItm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

– Calculation

$\text{SUM}(\text{StnryAssetCrbnFtprntItm.Total Energy Consumption (kWh)} \text{ where } \text{StnryAssetCrbnFtprntItm.Fuel Type} = \text{"Electricity"}) / (\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 100$

• TC-IM-130a.1c

- Logic: TCUIMU130aD1cDataRaptor
- Description: Percentage of total energy consumed that is renewable energy.

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
- Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)
- Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)

- **Calculation**

$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Commercial Buildings}) + (\text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Data Centers})$

- **TC-IM-130a.2a**

- Logic: TCUIMU130aD2aDataRaptor
- Description: Total water withdrawn.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- **Calculation**

$\text{StnryAssetWtrFtprntltm.Quantity (MI)} \times 1000$ for the StnryAssetWaterFtprnt.Reporting Year where StnryAssetWtrFtprntltm.Activity Type = Withdrawn

- **TC-IM-130a.2b**

- Logic: TCUIMU130aD2bDataRaptor
- Description: Total water consumed.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- **Calculation**

$\text{StnryAssetWtrFtprntltm.Quantity (MI)} \times 1000$ for the StnryAssetWaterFtprnt.Reporting Year where StnryAssetWtrFtprntltm.Activity Type = Consumed

- **TC-IM-130a.2c**

- Logic: TCUIMU130aD2cDataRaptor
- Description: Percentage of total water withdrawn in regions with high or extremely high baseline water stress.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)
- Baseline Water Stress (BaselineWaterStress)

- **Calculation**

$\text{StnryAssetWtrFtprntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtprnt.Reporting Year}$ where $\text{StnryAssetWtrFtprntltm.Activity Type} = \text{Withdrawn}$ and $\text{StnryAssetWtrFtprntltm.Baseline Water Stress} = \text{"High 40- 80\%"} \text{ or "Extremely high > 80\%"}$

- **TC-IM-230a.1a**

- Logic: TCUIMU230aD1aDataRaptor

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For $\text{OrgIncidentSummary.Disclosure Reporting Period}$, sum of $\text{OrgIncidentSummary.Incident Count}$ where $\text{OrgIncidentSummary.Incident Sub Type} = \text{"Data Breach"}$

- **TC-IM-220a.3a, TC-IM-520a.1a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Category (Category)
- Incident Subtype (IncidentSubtype)
- Incident Type (IncidentType)
- Penalty Type (PenaltyType)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Fine Amount (FineAmount)

- **Calculation**

For $\text{OrgIncidentSummary.Disclosure Reporting Period}$ and selected $\text{OrgIncidentSummary.Category}$, $\text{OrgIncidentSummary.Incident Type}$, and $\text{OrgIncidentSummary.Incident Subtype}$, get $\text{OrgIncidentSummary.Fine Amount}$ where $\text{OrgIncidentSummary.Penalty Type} = \text{"Monetary Fine"}$

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-IM-230a.1b**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Category (Category)
- Incident Type (IncidentType)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get (OrgIncidentSummary.Incident Count / Sum of all OrgIncidentSummary.Incident Count) × 100

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-IM-330a.1a**

- Logic: Apex class

- **Input Fields**

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Location (Location)
- Employee Percentage (EmployeePercentage)
- Employee Type (EmployeeType)
- Employment Type (EmploymentType)
- Gender (Gender)
- Race (Race)

- **Calculation**

For DivrsEquityInclSum.Disclosure Reporting Period and selected DivrsEquityInclSum.Employee type, DivrsEquityInclSum.Employment Type, and DivrsEquityInclSum.Location, get DivrsEquityInclSum.Employee type, DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Race, DivrsEquityInclSum.Gender, DivrsEquityInclSum.Location, and DivrsEquityInclSum.Employee Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-IM-330a.3a, TC-IM-330a.3b, TC-IM-330a.3c, TC-IM-330a.3d, TC-IM-330a.3e, TC-IM-330a.3f, TC-IM-330a.3g, TC-IM-330a.3h, TC-IM-330a.3i**

- Logic: Apex class

- **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)

- Employment Type (EmploymentType)
- Gender (Gender)
- Work Type (WorkType)
- Percentage (Percentage)

– Calculation

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Work Type, get EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Work Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-IM-330a.3aa, TC-IM-330a.3j, TC-IM-330a.3k, TC-IM-330a.3l, TC-IM-330a.3m, TC-IM-330a.3n, TC-IM-330a.3o, TC-IM-330a.3p, TC-IM-330a.3q, TC-IM-330a.3r, TC-IM-330a.3s, TC-IM-330a.3t, TC-IM-330a.3u, TC-IM-330a.3v, TC-IM-330a.3w, TC-IM-330a.3x, TC-IM-330a.3y, TC-IM-330a.3z**

– Logic: Apex class

– Input Fields

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Type (EmployeeType)
- Employment Type (EmploymentType)
- Gender (Gender)
- Race (Race)
- Employee Percentage (EmployeePercentage)

– Calculation

For DivrsEquityInclSum.Disclosure Reporting Period and selected DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, and DivrsEquityInclSum.Race, get DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, DivrsEquityInclSum.Race, DivrsEquityInclSum.Gender, and DivrsEquityInclSum.Employee Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Hardware

- **TC-HW-330a.1a, TC-HW-330a.1b, TC-HW-330a.1c, TC-HW-330a.1d, TC-HW-330a.1e, TC-HW-330a.1f, TC-HW-330a.1g, TC-HW-330a.1h, TC-HW-330a.1i**

– Logic: Apex class

– Input Fields

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employment Type (EmploymentType)
- Gender (Gender)

- Work Type (WorkType)
- Percentage (Percentage)

– Calculation

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Work Type, get EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Work Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **TC-HW-330a.1aa, TC-HW-330a.1j, TC-HW-330a.1k, TC-HW-330a.1l, TC-HW-330a.1m, TC-HW-330a.1n, TC-HW-330a.1o, TC-HW-330a.1p, TC-HW-330a.1q, TC-HW-330a.1r, TC-HW-330a.1s, TC-HW-330a.1t, TC-HW-330a.1u, TC-HW-330a.1v, TC-HW-330a.1w, TC-HW-330a.1x, TC-HW-330a.1y, TC-HW-330a.1z**

– Logic: Apex class

– Input Fields

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Type (EmployeeType)
- Employment Type (EmploymentType)
- Gender (Gender)
- Race (Race)
- Employee Percentage (EmployeePercentage)

– Calculation

For DivrsEquityInclSum.Disclosure Reporting Period and selected DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, and DivrsEquityInclSum.Race, get DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, DivrsEquityInclSum.Race, DivrsEquityInclSum.Gender, and DivrsEquityInclSum.Employee Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Services Sector

- **SV-HL-130a.1a**

- Logic: SVUHLU130aD1aDataRaptor
- Description: Total energy consumed.

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

– Calculation

(AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh) + AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)) × 0.0036

- **SV-HL-130a.1b**

- Logic: SVUHLU130aD1bDataRaptor
- Description: Percentage of total energy consumed that is grid electricity.

- **Input Fields**

Stationary Asset Carbon Footprint (StnryAssetCrbnFtprnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtprntltm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

- **Calculation**

$\text{SUM}(\text{StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh) where StnryAssetCrbnFtprntltm.Fuel Type} = \text{"Electricity"}) / (\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 100$

- **SV-HL-130a.1c**

- Logic: SVUHLU130aD1cDataRaptor
- Description: Percentage of total energy consumed that is renewable energy.

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
- Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)
- Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)

- **Calculation**

$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Commercial Buildings}) + (\text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Data Centers})$

- **SV-HL-140a.1a**

- Logic: SVUHLU140aD1aDataRaptor
- Description: Total water withdrawn.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Withdrawn}$

- **SV-HL-140a.1b**

- Logic: SVUHLU140aD1bDataRaptor

- Description: Total water consumed.

- **Input Fields**

Stationary Asset Water Footprint ($\text{StnryAssetWaterFtpnt}$)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item ($\text{StnryAssetWtrFtpntltm}$)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Consumed}$

- **SV-HL-140a.1c**

- Logic: SVUHLU140aD1cDataRaptor

- Description: Percentage of total water withdrawn in regions with high or extremely high baseline water stress.

- **Input Fields**

Stationary Asset Water Footprint ($\text{StnryAssetWaterFtpnt}$)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item ($\text{StnryAssetWtrFtpntltm}$)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)
- Baseline Water Stress ($\text{BaselineWaterStress}$)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Withdrawn}$ and $\text{StnryAssetWtrFtpntltm.Baseline Water Stress} = \text{"High 40- 80\%"} \text{ or "Extremely high > 80\%"}$

- **SV-HL-140a.1d**

- Logic: SVUHLU140aD1dDataRaptor

- Description: Percentage of total water consumed in regions with high or extremely high baseline water stress.

- **Input Fields**

Stationary Asset Water Footprint ($\text{StnryAssetWaterFtpnt}$)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item ($\text{StnryAssetWtrFtpntltm}$)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- Baseline Water Stress (BaselineWaterStress)
- **Calculation**

$$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000 \text{ for the StnryAssetWtrFtpntltm.Reporting Year where StnryAssetWtrFtpntltm.Activity Type = Consumed and StnryAssetWtrFtpntltm.Baseline Water Stress = "High 40- 80\%" or "Extremely high > 80\%"} \\$$

Leisure Facilities

- **SV-LF-130a.1a**
 - Logic: SVULFU130aD1aDataRaptor
 - Description: Total energy consumed.
 - **Input Fields**
Annual Emissions Inventory (AnnualEmssnInventory)
 - Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
 - Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
 - **Calculation**

$$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 0.0036$$
- **SV-LF-130a.1b**
 - Logic: SVULFU130aD1bDataRaptor
 - Description: Percentage of total energy consumed that is grid electricity.
 - **Input Fields**
Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)
 - Fuel Type (FuelType)
 - Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)
Annual Emissions Inventory (AnnualEmssnInventory)
 - Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
 - Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
 - **Calculation**

$$\text{SUM}(\text{StnryAssetCrbnFtpntltm.Total Energy Consumption (kWh) where StnryAssetCrbnFtpntltm.Fuel Type = "Electricity"}) / (\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 100$$
- **SV-LF-130a.1c**
 - Logic: SVULFU130aD1cDataRaptor
 - Description: Percentage of total energy consumed that is renewable energy.
 - **Input Fields**
Annual Emissions Inventory (AnnualEmssnInventory)
 - Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)

- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
- Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)
- Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)

– Calculation

$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Commercial Buildings}) + (\text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Data Centers})$

Media & Entertainment

- **SV-ME-260a.1a, SV-ME-260a.1b, SV-ME-260a.1c, SV-ME-260a.1d, SV-ME-260a.1e, SV-ME-260a.1f, SV-ME-260a.1g, SV-ME-260a.1h, SV-ME-260a.1i**

– Logic: Apex class

– Input Fields

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employment Type (EmploymentType)
- Gender (Gender)
- Work Type (WorkType)
- Percentage (Percentage)

– Calculation

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Work Type, get EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Work Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **SV-ME-260a.1aa, SV-ME-260a.1j, SV-ME-260a.1k, SV-ME-260a.1l, SV-ME-260a.1m, SV-ME-260a.1n, SV-ME-260a.1o, SV-ME-260a.1p, SV-ME-260a.1q, SV-ME-260a.1r, SV-ME-260a.1t, SV-ME-260a.1u, SV-ME-260a.1v, SV-ME-260a.1w, SV-ME-260a.1x, SV-ME-260a.1y, SV-ME-260a.1z**

– Logic: Apex class

– Input Fields

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Type (EmployeeType)
- Employment Type (EmploymentType)
- Gender (Gender)
- Race (Race)
- Employee Percentage (EmployeePercentage)

– Calculation

For DivrsEquityInclSum.Disclosure Reporting Period and selected DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, and DivrsEquityInclSum.Race, get DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, DivrsEquityInclSum.Race, DivrsEquityInclSum.Gender, and DivrsEquityInclSum.Employee Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Professional & Commercial Services

- **SV-PS-230a.3a**

- Logic: SVUPSU230aD3aDataRaptor

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
 - Incident Subtype (IncidentSubtype)
 - Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period, sum of OrgIncidentSummary.Incident Count where OrgIncidentSummary.Incident Sub Type = "Data Breach"

- **SV-PS-330a.1a, SV-PS-330a.1b, SV-PS-330a.1c, SV-PS-330a.1d, SV-PS-330a.1e, SV-PS-330a.1f, SV-PS-330a.1g, SV-PS-330a.1h, SV-PS-330a.1i**

- Logic: Apex class

- **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
 - Employment Type (EmploymentType)
 - Gender (Gender)
 - Work Type (WorkType)
 - Percentage (Percentage)

- **Calculation**

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Work Type, get EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Work Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **SV-PS-330a.1aa, SV-PS-330a.1j, SV-PS-330a.1k, SV-PS-330a.1l, SV-PS-330a.1m, SV-PS-330a.1n, SV-PS-330a.1o, SV-PS-330a.1p, SV-PS-330a.1q, SV-PS-330a.1r, SV-PS-330a.1s, SV-PS-330a.1t, SV-PS-330a.1u, SV-PS-330a.1v, SV-PS-330a.1w, SV-PS-330a.1x, SV-PS-330a.1y, SV-PS-330a.1z**

- Logic: Apex class

- **Input Fields**

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Type (EmployeeType)
- Employment Type (EmploymentType)
- Gender (Gender)
- Race (Race)
- Employee Percentage (EmployeePercentage)

— Calculation

For DivrsEquityInclSum.Disclosure Reporting Period and selected DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, and DivrsEquityInclSum.Race, get DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, DivrsEquityInclSum.Race, DivrsEquityInclSum.Gender, and DivrsEquityInclSum.Employee Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Consumer Goods

• CG-EC-130a.1a

- Logic: CGUECU130aD1aDataRaptor
- Description: Total energy consumed.

— Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

— Calculation

$(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}) \times 0.0036$

• CG-EC-130a.1b

- Logic: CGUECU130aD1bDataRaptor
- Description: Percentage of total energy consumed that is grid electricity.

— Input Fields

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntItm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

— Calculation

$$\frac{\text{SUM}(\text{StnryAssetCrbnFtprntltm.Total Energy Consumption (kWh) where StnryAssetCrbnFtprntltm.Fuel Type} = \text{"Electricity"})}{(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)})} \times 100$$

- **CG-EC-130a.1c**

- Logic: CGUECU130aD1cDataRaptor
- Description: Percentage of total energy consumed that is renewable energy.

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
- Renewable Energy Usage Percentage in Commercial Buildings (RenewableEnergyUsagePctCmclBld)
- Renewable Energy Usage Percentage in Data Centers (RenewableEnergyUsagePctDataCtr)

- **Calculation**

$$\frac{(\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Commercial Buildings}) + (\text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)} \times \text{AnnualEmssnInventory.Renewable Energy Usage Percentage in Data Centers})}{\text{AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh)} + \text{AnnualEmssnInventory.Energy Usage in Data Centers (Kwh)}}$$

- **CG-EC-130a.2a**

- Logic: CGUECU130aD2aDataRaptor
- Description: Total water withdrawn.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- **Calculation**

$$\text{StnryAssetWtrFtprntltm.Quantity (MI)} \times 1000 \text{ for the StnryAssetWaterFtprnt.Reporting Year where StnryAssetWtrFtprntltm.Activity Type = Withdrawn}$$

- **CG-EC-130a.2b**

- Logic: CGUECU130aD2bDataRaptor
- Description: Total water consumed.

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntltm)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Consumed}$

- **CG-EC-130a.2c**

- Logic: CGUECU130aD2cDataRaptor

- Description: Percentage of total water withdrawn in regions with high or extremely high baseline water stress.

- **Input Fields**

Stationary Asset Water Footprint ($\text{StnryAssetWaterFtpnt}$)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item ($\text{StnryAssetWtrFtpntltm}$)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)
- Baseline Water Stress ($\text{BaselineWaterStress}$)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Withdrawn}$ and $\text{StnryAssetWtrFtpntltm.Baseline Water Stress} = \text{"High 40- 80\%"} \text{ or "Extremely high > 80\%"}$

- **CG-EC-130a.2d**

- Logic: CGUECU130aD2dDataRaptor

- Description: Percentage of total water consumed in regions with high or extremely high baseline water stress.

- **Input Fields**

Stationary Asset Water Footprint ($\text{StnryAssetWaterFtpnt}$)

- Reporting Year (ReportingYear)

Stationary Asset Water Footprint Item ($\text{StnryAssetWtrFtpntltm}$)

- Activity Type (ActivityType)
- Quantity (MI) (QuantityInMI)
- Baseline Water Stress ($\text{BaselineWaterStress}$)

- **Calculation**

$\text{StnryAssetWtrFtpntltm.Quantity (MI)} \times 1000$ for the $\text{StnryAssetWaterFtpnt.Reporting Year}$ where $\text{StnryAssetWtrFtpntltm.Activity Type} = \text{Consumed}$ and $\text{StnryAssetWtrFtpntltm.Baseline Water Stress} = \text{"High 40- 80\%"} \text{ or "Extremely high > 80\%"}$

- **CG-EC-230a.2a**

- Logic: CGUECU230aD2aDataRaptor

- **Input Fields**

Organization Incident Summary ($\text{OrgIncidentSummary}$)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Disclosure Reporting Period ($\text{DisclsReportingPeriodId}$)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period, sum of OrgIncidentSummary.Incident Count where OrgIncidentSummary.Incident Sub Type = "Data Breach"

- **CG-EC-230a.2b**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Category (Category)
- Incident Type (IncidentType)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get (OrgIncidentSummary.Incident Count / Sum of all OrgIncidentSummary.Incident Count) × 100

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **CG-EC-330a.3a, CG-EC-330a.3b, CG-EC-330a.3c, CG-EC-330a.3d, CG-EC-330a.3e, CG-EC-330a.3f, CG-EC-330a.3g, CG-EC-330a.3h, CG-EC-330a.3i**

- Logic: Apex class

- **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employment Type (EmploymentType)
- Gender (Gender)
- Work Type (WorkType)
- Percentage (Percentage)

- **Calculation**

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Work Type, get EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Work Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **CG-EC-330a.3aa, CG-EC-330a.3j, CG-EC-330a.3k, CG-EC-330a.3l, CG-EC-330a.3m, CG-EC-330a.3n, CG-EC-330a.3o, CG-EC-330a.3p, CG-EC-330a.3q, CG-EC-330a.3r, CG-EC-330a.3s, CG-EC-330a.3t, CG-EC-330a.3u, CG-EC-330a.3v, CG-EC-330a.3w, CG-EC-330a.3x, CG-EC-330a.3y, CG-EC-330a.3z**

- Logic: Apex class

- **Input Fields**

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Type (EmployeeType)
- Employment Type (EmploymentType)
- Gender (Gender)
- Race (Race)
- Employee Percentage (EmployeePercentage)

– Calculation

For DivrsEquityInclSum.Disclosure Reporting Period and selected DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, and DivrsEquityInclSum.Race, get DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Employee Type, DivrsEquityInclSum.Race, DivrsEquityInclSum.Gender, and DivrsEquityInclSum.Employee Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Financials Sector: Asset Management & Custody Activities

- **FN-AC-330a.1a, FN-AC-330a.1b, FN-AC-330a.1c, FN-AC-330a.1d, FN-AC-330a.1e, FN-AC-330a.1f, FN-AC-330a.1g, FN-AC-330a.1h, FN-AC-330a.1i, FN-AC-330a.1j, FN-AC-330a.1k, FN-AC-330a.1l**

– Logic: Apex class

– Input Fields

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employment Type (EmploymentType)
- Gender (Gender)
- Work Type (WorkType)
- Percentage (Percentage)

– Calculation

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Work Type, get EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Work Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Percentage

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **FN-AC-330a.1aa, FN-AC-330a.1bb, FN-AC-330a.1cc, FN-AC-330a.1dd, FN-AC-330a.1ee, FN-AC-330a.1ff, FN-AC-330a.1gg, FN-AC-330a.1hh, FN-AC-330a.1ii, FN-AC-330a.1jj, FN-AC-330a.1m, FN-AC-330a.1n, FN-AC-330a.1o, FN-AC-330a.1p, FN-AC-330a.1q, FN-AC-330a.1r, FN-AC-330a.1s, FN-AC-330a.1t, FN-AC-330a.1u, FN-AC-330a.1v, FN-AC-330a.1w, FN-AC-330a.1x, FN-AC-330a.1y, FN-AC-330a.1z**

– Logic: Apex class

– Input Fields

Diversity Equity Inclusion Summary (DivrsEquityInclSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)

- Employee Location (Location)
 - Employee Percentage (EmployeePercentage)
 - Employee Type (EmployeeType)
 - Employment Type (EmploymentType)
 - Gender (Gender)
 - Race (Race)
- **Calculation**
- For DivrsEquityInclSum.Disclosure Reporting Period and selected DivrsEquityInclSum.Employee type, DivrsEquityInclSum.Employment Type, and DivrsEquityInclSum.Location, get DivrsEquityInclSum.Employee type, DivrsEquityInclSum.Employment Type, DivrsEquityInclSum.Race, DivrsEquityInclSum.Gender, DivrsEquityInclSum.Location, and DivrsEquityInclSum.Employee Percentage
- If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Commercial Banks

- **FN-CB-230a.1a**
 - Logic: FNUCBU230aD1aDataRaptor
 - **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

 - Incident Count (IncidentCount)
 - Incident Subtype (IncidentSubtype)
 - Disclosure Reporting Period (DisclsReportingPeriodId)
 - **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period, sum of OrgIncidentSummary.Incident Count where OrgIncidentSummary.Incident Sub Type = "Data Breach"
- **FN-CB-230a.1b**
 - Logic: Apex class
 - **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

 - Incident Count (IncidentCount)
 - Incident Subtype (IncidentSubtype)
 - Category (Category)
 - Incident Type (IncidentType)
 - Disclosure Reporting Period (DisclsReportingPeriodId)
 - **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get $(\text{OrgIncidentSummary.Incident Count} / \text{Sum of all OrgIncidentSummary.Incident Count}) \times 100$

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

Consumer Finance

- **FN-CF-220a.2a**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Category (Category)
- Incident Subtype (IncidentSubtype)
- Incident Type (IncidentType)
- Penalty Type (PenaltyType)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Fine Amount (FineAmount)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get OrgIncidentSummary.Fine Amount where OrgIncidentSummary.Penalty Type = "Monetary Fine"

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

- **FN-CF-230a.1a**

- Logic: FNUCFU230aD1aDataRaptor

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Disclosure Reporting Period (DisclsReportingPeriodId)

- **Calculation**

For OrgIncidentSummary.Disclosure Reporting Period, sum of OrgIncidentSummary.Incident Count where OrgIncidentSummary.Incident Sub Type = "Data Breach"

- **FN-CF-230a.1b**

- Logic: Apex class

- **Input Fields**

Organization Incident Summary (OrgIncidentSummary)

- Incident Count (IncidentCount)
- Incident Subtype (IncidentSubtype)
- Category (Category)

- Incident Type (IncidentType)
- Disclosure Reporting Period (DisclsReportingPeriodId)

– Calculation

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get (OrgIncidentSummary.Incident Count / Sum of all OrgIncidentSummary.Incident Count) × 100

If there are multiple values based on the selected year and parameters, the values are displayed in a table but will not be aggregated.

ESRS Standards

The European Sustainability Reporting Standards (ESRS) provide information for investors to understand the sustainability impact of the companies in which they invest, which includes environmental, social, and governance issues, including climate change, biodiversity, and human rights.

If you enable the Manage Carbon Accounting for Extended Organizational Boundaries or Manage Social and Governance for Extended Organizational Boundaries setting, then select the account in the reporting details. If you don't, for emissions data the Omnistudio Data Mappers and Apex classes extract data for the annual emission inventory record that doesn't relate to any account for the selected year. If there are multiple such annual emission inventory records, then no data will be

returned by the Data Mappers and incorrect data will be returned by the Apex classes. For social and governance data, the Data Mappers and Apex classes extract data based on the records from the disclosure reporting period, whether or not related to an account.

If you select an account in the reporting details, then the Data Mappers and Apex classes extract emissions data from the annual emissions inventory record that relate to the account for the selected year and social and governance data for the disclosure reporting period based on the account type:

- Affiliate account: The data comes from the account itself.
- Subsidiary account: The data comes from the account's child records.

If you select an account that is a parent company, then the Data Mappers and Apex classes extract data for the disclosure reporting period that doesn't relate to any affiliate account, and from child records that don't relate to any subsidiary account.

For Apex classes, in edit blocks, if multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

To perform calculations and aggregations:

- When authoring ESRS disclosure reports in Microsoft 365 Word and OmniScripts, Net Zero Cloud uses these Data Mappers:
 - MSESRSMainDataraptor : Use this data mapper to extract data
 - MSESRSMainTransform : Use this data mapper to transforms the data for document generation
- When authoring ESRS disclosure reports by using OmniScripts, Net Zero Cloud uses Apex classes.



Note: Our platform provides you with the option to track data that you deem appropriate. We don't mandate or require you to enter any specific data. The decision to enter and track information, as well as the nature and extent of that data, rests solely with you.

Here are the calculations:

EDITIONS

Available in: **Lightning Experience**

Available in: **Enterprise, Performance, Unlimited, and Developer** Editions

ESRS E1 Climate Change

In these questions, we assume:

- N = Reporting Year
- COMPARATIVE = Base Year
- $\% N / N - 1 = (\text{Reporting Year data} / \text{Previous Year data}) \times 100$
- $MWh = Kwh \times 0.001$

Disclosure Requirement E1-5 – Energy consumption and mix:

35. The undertaking shall provide information on its energy consumption and mix.

- When filtering Annual Emission Inventory and Stationary Asset Carbon Footprint records:
 - If the account selected is parent company account or account is not selected:

In Annual Emission Inventory records, AccountNameId = Account OR AccountNameId == NULL

In Stationary Asset Carbon Footprint records, AnnualEmssnInventoryId = Annual Emission Inventory record
 - If the account selected is subsidiary account or account is not selected:

In Annual Emission Inventory records, AccountNameId = Subsidiary Account

In Stationary Asset Carbon Footprint records, Stationary Asset Carbon Footprint.StnryAssetEnvrSrcId.AccountNameId = Subsidiary Account
- **2. Fuel consumption from crude oil and petroleum products (MWh)**
 - Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpntltm)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)

 - Fuel Type (FuelType)
 - Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)
 - **Calculation**

StnryAssetCrbnFtpntltm.Total Energy Consumption (kWh) where StnryAssetCrbnFtpntltm.Fuel Type = "Diesel" or StnryAssetCrbnFtpntltm.Fuel Type = "fuel oil" or StnryAssetCrbnFtpntltm.Fuel Type = "Kerosene" or StnryAssetCrbnFtpntltm.Fuel Type = "Heavy Oil" or StnryAssetCrbnFtpntltm.Fuel Type = "Light Oil"
- **3. Fuel consumption from natural gas (MWh)**
 - Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

– Calculation

StnryAssetCrbnFtpntltm.Total Energy Consumption (kWh) where StnryAssetCrbnFtpntltm.Fuel Type = "Natural Gas" or StnryAssetCrbnFtpntltm.Fuel Type = "City Gas"

• 4. Fuel consumption from other non-renewable sources (MWh)

– Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

– Calculation

StnryAssetCrbnFtpntltm.Total Energy Consumption (kWh) where StnryAssetCrbnFtpntltm.Fuel Type = "Propane"

• 5. Consumption of purchased or acquired electricity, heat, steam, and cooling from fossil sources (MWh)

– Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

- Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

Stationary Asset Energy Use (StnryAssetEnrgyUse)

- Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

– Calculation

StnryAssetCrbnFtpntltm.Total Energy Consumption (kWh) where StnryAssetCrbnFtpntltm.Fuel Type = "Steam" or StnryAssetCrbnFtpntltm.Fuel Type = "Cooling" or StnryAssetCrbnFtpntltm.Fuel Type = "Heat" - SUM(StnryAssetEnrgyUse.Total

Renewable Energy (kWh) where StnryAssetEnrgyUse.Fueltype="Steam", StnryAssetEnrgyUse.Fueltype="Cooling", StnryAssetEnrgyUse.Fueltype="Heat")

- **6. Total fossil energy consumption (MWh)**

- Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

- Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntItm)

- Fuel Type (FuelType)
 - Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

- **Calculation**

Sum of values from question 1 to question 5.

- **Share of fossil sources in total energy consumption (%)**

- Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)

- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

- Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntItm)

- Fuel Type (FuelType)
 - Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

- **Calculation**

Sum the values from question 1 to question 5/(AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh) + AnnualEmssnInventory.Energy Usage in Data centers (Kwh))

- **7. Consumption from nuclear sources (MWh)**

- **Input Fields**

User entry

- **Share of consumption from nuclear sources in total energy consumption (%)**

- Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

 - Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
 - Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)
 - **Calculation**

Value from question 7/(AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh) + AnnualEmssnInventory.Energy Usage in Data centers (Kwh))
- **9. Consumption of purchased or acquired electricity, heat, steam, and cooling from renewable sources (MWh)**
 - Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpmnt)

 - Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)
 - **Calculation**

StnryAssetCrbnFtpmnt.Total Renewable Energy (kWh)
- **11. Total renewable energy consumption (MWh)**
 - Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpmnt)

 - Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpmntItem)

 - Fuel Type (FuelType)
 - Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)
 - **Calculation**

Sum of values from question 8 to question 10.
- **Share of renewable sources in total energy consumption (%)**
 - Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Energy Usage in Commercial Buildings (Kwh) (EnergyUsageCommercialBld)
- Energy Usage in Data Centers (Kwh) (EnergyUsageDataCenters)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

- Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

– Calculation

Sum the values from question 8 to question 10/(AnnualEmssnInventory.Energy Usage in Commercial Buildings (Kwh) + AnnualEmssnInventory.Energy Usage in Data centers (Kwh))

• Total energy consumption (MWh)

– Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

Stationary Asset Carbon Footprint (StnryAssetCrbnFtpnt)

- Total Renewable Energy (kWh) (TotalRenewableEnergyInKwh)

Stationary Asset Carbon Footprint Item (StnryAssetCrbnFtpntltm)

- Fuel Type (FuelType)
- Total Energy Consumption (kWh) (TotalEnergyConsumptionInKwh)

– Calculation

Sum of values from question 6 and question 11.

Disclosure Requirement E1-6 – Gross Scopes 1, 2, 3 and Total GHG emissions:

44a. Gross Scopes 1, 2, 3 and Total GHG emissions – The undertaking shall disclose in metric tonnes of CO₂eq its: (a) gross Scope 1 GHG emissions

• Gross Scope 1 GHG emissions (tCO₂e)

– Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 1 Emissions (tCO₂e) (TotalScope1Emissions)

- **Calculation**

AnnualEmssnInventory.Total Scope 1 Emissions (tCO₂e)

44b. Gross Scopes 1, 2, 3 and Total GHG emissions - The undertaking shall disclose in metric tonnes of CO₂eq its: (b) gross Scope 2 GHG emissions

- **Gross location-based Scope 2 GHG emissions (tCO₂e)**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 2 Location Based Emissions (TotScope2LocBasedEmssn)

- **Calculation**

AnnualEmssnInventory.Total Scope 2 Location Based Emissions

- **Gross market-based Scope 2 GHG emissions (tCO₂e)**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 2 Market Based Emissions (TotScope2MarketBsdEmssn)

- **Calculation**

AnnualEmssnInventory.Total Scope 2 Market Based Emissions

44c. Gross Scopes 1, 2, 3 and Total GHG emissions - The undertaking shall disclose in metric tonnes of CO₂eq its: (c) gross Scope 3 GHG emissions

- **Total Gross indirect (Scope 3) GHG emissions (tCO₂e)**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

- **Calculation**

AnnualEmssnInventory.Total Scope 3 Emissions (tCO₂e)

- **1 Purchased goods and services**
 - Logic:
Apex Class: ESRSE1U6D41Class
Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**
Annual Emissions Inventory (AnnualEmssnInventory)
 - Scope 3 Emissions from Purchased Goods and Services (tCO2e) (Scp3EmssnPurchGoodsAndServices)
 - **Calculation**
AnnualEmssnInventory.Scope 3 Emissions from Purchased Goods and Services (tCO2e)
- **2 Capital goods**
 - Logic:
Apex Class: ESRSE1U6D41Class
Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**
Annual Emissions Inventory (AnnualEmssnInventory)
Scope 3 Emissions from Capital Goods (tCO2e) (Scope3EmissionsCapitalGoods)
 - **Calculation**
AnnualEmssnInventory.Scope 3 Emissions from Capital Goods (tCO2e)
- **3 Fuel and energy-related Activities (not included in Scope1 or Scope 2)**
 - Logic:
Apex Class: ESRSE1U6D41Class
Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**
Annual Emissions Inventory (AnnualEmssnInventory)
 - Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e) (Scp3EmssnFuelEnergyActivity)
 - **Calculation**
AnnualEmssnInventory.Scope 3 Emissions from Fuel and Energy-Related Activity (tCO2e)
- **8 Upstream leased assets**
 - Logic:
Apex Class: ESRSE1U6D41Class
Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**
Annual Emissions Inventory (AnnualEmssnInventory)
 - Scope 3 Emissions from Upstream Leased Assets (tCO2e) (Scp3EmssnUpstreamLeasedAssets)

- **Calculation**

AnnualEmssnInventory.Scope 3 Emissions from Upstream Leased Assets (tCO2e)

- **5 Waste generated in operations**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Waste Generated in Operations (tCO2e) (Scope3EmissionsWasteGenInOper)

- **Calculation**

AnnualEmssnInventory.Scope 3 Emissions from Waste Generated in Operations (tCO2e)

- **10 Processing of sold products**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Processing of Sold Products (tCO2e) (Scp3EmssnProcSoldProducts)

- **Calculation**

AnnualEmssnInventory.Scope 3 Emissions from Processing of Sold Products (tCO2e)

- **11 Use of sold products**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Use of Sold Products (tCO2e) (Scope3EmssnUseOfSoldProducts)

- **Calculation**

AnnualEmssnInventory.Scope 3 Emissions from Use of Sold Products (tCO2e)

- **12 End-of-life treatment of sold products**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e) (Scp3EmssnEolTreatOfSoldPrdct)

– Calculation

AnnualEmssnInventory.Scope 3 Emissions from End-of-Life Treatment of Sold Products (tCO₂e)

• 13 Downstream leased assets

– Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Downstream Leased Assets (tCO₂e) (Scp3EmssnDnstrmLeasedAssets)

– Calculation

AnnualEmssnInventory.Scope 3 Emissions from Downstream Leased Assets (tCO₂e)

• 14 Franchises

– Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Franchises (tCO₂e) (Scope3EmissionsFranchises)

– Calculation

AnnualEmssnInventory.Scope 3 Emissions from Franchises (tCO₂e)

• 4 Upstream transportation and distribution

– Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e) (Scp3EmssnUpstreamTrnspDstr)

– Calculation

AnnualEmssnInventory.Scope 3 Emissions from Upstream Transportation and Distribution (tCO₂e)

• 9 Downstream transportation

– Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e) (Scp3EmssnDownstreamTrnspDstr)

- **Calculation**

AnnualEmssnInventory.Scope 3 Emissions from Downstream Transportation and Distribution (tCO2e)

- **6 Business traveling**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Business Travel (tCO2e) (Scope3EmissionsBusinessTravel)

- **Calculation**

AnnualEmssnInventory.Scope 3 Emissions from Business Travel (tCO2e)

- **7 Employee commuting**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Employee Commuting (tCO2e) (Scope3EmssnEmployeeCommuting)

- **Calculation**

AnnualEmssnInventory.Scope 3 Emissions from Employee Commuting (tCO2e)

- **15 Investments**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Scope 3 Emissions from Investments (tCO2e) (Scope3EmissionsInvestments)

- **Calculation**

AnnualEmssnInventory.Scope 3 Emissions from Investments (tCO2e)

44d. Gross Scopes 1, 2, 3 and Total GHG emissions - The undertaking shall disclose in metric tonnes of CO2eq its: (d) total GHG emissions

- **Total GHG emissions (location-based) (tCO₂e)**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 2 Location Based Emissions (TotScope2LocBasedEmssn)
 - Total Scope 1 Emissions (tCO₂e) (TotalScope1Emissions)
 - Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

- **Calculation**

AnnualEmssnInventory.Total Scope 2 Location Based Emissions + AnnualEmssnInventory.Total Scope 1 Emissions (tCO₂e) + AnnualEmssnInventory.Total Scope 3 Emissions (tCO₂e)

- **Total GHG emissions (market-based) (tCO₂e)**

- Logic:

Apex Class: ESRSE1U6D41Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Annual Emissions Inventory (AnnualEmssnInventory)

- Total Scope 2 Market Based Emissions (TotScope2MarketBsdEmssn)
 - Total Scope 1 Emissions (tCO₂e) (TotalScope1Emissions)
 - Total Scope 3 Emissions (tCO₂e) (TotalScope3Emissions)

- **Calculation**

AnnualEmssnInventory.Total Scope 2 Market Based Emissions + AnnualEmssnInventory.Total Scope 1 Emissions (tCO₂e) + AnnualEmssnInventory.Total Scope 3 Emissions (tCO₂e)

Disclosure Requirement E1-7 – GHG removals and GHG mitigation projects financed through carbon credits:

56b. The undertaking shall disclose: (b) The amount of GHG emission reductions or removals from climate change mitigation projects outside its value chain it has financed through any purchase of carbon credits.

- **Total (tCO₂e)**

- Logic:

Apex Class: ESRSE1U7D53Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Carbon Credit Allocation (CrbnCreditAlloc)

- Total Carbon Credits Allocated (tCO₂e) (TotalCrbnCrAllocInTco2e)
 - Year (Year)

- **Calculation**

CrbnCreditAlloc.Total Carbon Credits Allocated (tCO2e) for the selected year

- **Share from removal projects (%)**

- Logic:

Apex Class: ESRSE1U7D53Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Carbon Credit Distribution (CrbnCreditDistribution)

- Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

Carbon Credit Project (CrbnCreditProject)

- Mitigation Type (MitigationType)

Sustainability Credit (SustainabilityCredit)

Carbon Credit Allocation (CrbnCreditAlloc)

- Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

- **Calculation**

SUM(CrbnCreditDistribution.Total Carbon Credits Allocated (tCO2e) where CrbnCreditProject.Mitigation Type = “Removal” for the selected year)/CrbnCreditAlloc.Total Carbon Credits Allocated (tCO2e)

- **Share from reduction projects (%)**

- Logic:

Apex Class: ESRSE1U7D53Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Carbon Credit Distribution (CrbnCreditDistribution)

- Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

Carbon Credit Project (CrbnCreditProject)

- Mitigation Type (MitigationType)

Sustainability Credit (SustainabilityCredit)

Carbon Credit Allocation (CrbnCreditAlloc)

- Total Carbon Credits Allocated (tCO2e) (TotalCrbnCrAllocInTco2e)

- **Calculation**

SUM(CrbnCreditDistribution.Total Carbon Credits Allocated (tCO2e) where CrbnCreditProject.Mitigation Type = “Reduction” for the selected year)/CrbnCreditAlloc.Total Carbon Credits Allocated (tCO2e)

ESRS E3 Water and Marine Resources

Disclosure Requirement E3-4 – Water consumption

26. The undertaking shall disclose information on its water consumption performance related to its material impacts, risks and opportunities.

- **Total water consumption in m3**

- Logic:

Apex Class: ESRSE3U4D25Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtprnt)

- Total Consumption (MI) (TotalConsumptionInMI)
- Reporting Year (ReportingYear)

- **Calculation**

$SUM(StnryAssetWaterFtprnt.Total\ Consumption\ (MI)\ for\ the\ selected\ StnryAssetWaterFtprnt.Reporting\ Year) \times 1000$

- **Total water consumption in m3 in areas at material water risk, including areas of high-water stress**

- Logic:

Apex Class: ESRSE3U4D25Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntItm)

- Quantity (MI) (QuantityInMI)
- Reporting Year (ReportingYear)
- Baseline Water Stress (BaselineWaterStress)
- Activity Type (ActivityType)

- **Calculation**

$SUM(StnryAssetWtrFtprntItm.Quantity\ (MI)\ for\ the\ selected\ StnryAssetWtrFtprntItm.Reporting\ Year\ where\ StnryAssetWtrFtprntItm.Baseline\ Water\ Stress = "High" or "Extremely\ High" and\ StnryAssetWtrFtprntItm.Activity\ Type = "Consumption") \times 1000$

- **Total water recycled and reused in m3**

- Logic:

Apex Class: ESRSE3U4D25Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Stationary Asset Water Footprint Item (StnryAssetWtrFtprntItm)

- Quantity (MI) (QuantityInMI)
- Reporting Year (ReportingYear)
- Activity Source Type (ActivitySourceType)
- Activity Type (ActivityType)

- **Calculation**

$\text{SUM}(\text{StnryAssetWtrFtpntltm.Quantity (MI)} \text{ for the selected } \text{StnryAssetWtrFtpntltm.Reporting Year} \text{ where } \text{StnryAssetWtrFtpntltm.Activity Source Type} = \text{"Recycled Water"} \text{ or } \text{"Reused Water"} \text{ and } \text{StnryAssetWtrFtpntltm.Activity Type} = \text{"Consumption"}) \times 1000$

- **Total water stored and changes in storage in m3**

- Logic:

Apex Class: ESRSE3U4D25Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Stationary Asset Water Footprint (StnryAssetWaterFtpnt)

- Total Storage (MI) (TotalStorageInMI)
- Reporting Year (ReportingYear)

- **Calculation**

$\text{SUM}(\text{StnryAssetWaterFtpnt.Total Storage (MI)} \text{ for the selected } \text{StnryAssetWaterFtpnt.Reporting Year}) \times 1000$

ESRS S1 Own Workforce

Disclosure Requirement S1-6 – Characteristics of the undertaking's employees

- **48a. The undertaking shall describe key characteristics of employees in its own workforce. (a) the total number of employees by head count, and breakdowns by gender and by 165 country for countries in which the undertaking has 50 or more employees representing at least 10% of its total number of employees**

- Logic:

Apex Class: ESRSS1U6D49Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

- **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Gender (Gender)
- Region (Region)
- Report Type (ReportType)
- Employee Count (EmployeeCount)

- **Calculation**

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender and EmployeeDemographicSum.Region get EmployeeDemographicSum.Employee Count where EmployeeDemographicSum.Report Type = "Head Count"

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

- **48b. The undertaking shall describe key characteristics of employees in its own workforce.(b) the total number by head count or full time equivalent (FTE) of:**

i. permanent employees, and breakdown by gender; ii. temporary employees, and breakdown by gender; and iii. non-guaranteed hours employees, and breakdown by gender.

— Logic:

Apex Class: ESRSS1U6D49Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

— **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Gender (Gender)
- Region (Region)
- Report Type (ReportType)
- Employee Count (EmployeeCount)
- Employment Type (EmploymentType)

— **Calculation**

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Region get EmployeeDemographicSum.Employee Count where EmployeeDemographicSum.Report Type = "Head Count"

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

• **48c. The undertaking shall describe key characteristics of employees in its own workforce.**

(c) the total number of employees who have left the undertaking during the reporting period and the rate of employee turnover in the reporting period.

— Logic:

Apex Class: ESRSE1U5D33Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

— **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Report Type (ReportType)
- Employee Count (EmployeeCount)

— **Calculation**

For EmployeeDemographicSum.Disclosure Reporting Period get EmployeeDemographicSum.Employee Count where EmployeeDemographicSum.Report Type = "Turnover"

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

• **52. The undertaking shall describe key characteristics of employees in its own workforce.**

- The undertaking may disclose by head count or full time equivalent (FTE) the following information:(a) full-time employees, and breakdowns by gender and by region; and(b) part-time employees, and breakdowns by gender and by region.

— Logic:

Apex Class: ESRSS1U6D49Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Gender (Gender)
- Region (Region)
- Report Type (ReportType)
- Employee Count (EmployeeCount)
- Employment Type (EmploymentType)

– Calculation

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Employment Type, EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Region get EmployeeDemographicSum.Employee Count where EmployeeDemographicSum.Report Type = “Head Count”

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn’t aggregate them.

Disclosure Requirement S1-7 – Characteristics of non-employee workers in the undertaking’s own workforce

- **53a. The undertaking shall describe key characteristics of non-employees in its own workforce.**

(a) a disclosure of the total number of non-employees in the undertaking’s own workforce, i.e., either people with contracts with the undertaking to supply labour (“self-employed people”) or people provided by undertakings primarily engaged in “employment activities” (NACE Code N78).

– Logic:

Apex Class: ESRSS1U7D53Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Employee Demographic Summary (EmployeeDemographicSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Employee Count (EmployeeCount)
- Employment Type (EmploymentType)
- Work Type (WorkType)

– Calculation

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Employment Type, and EmployeeDemographicSum.Work Type get EmployeeDemographicSum.Employee Count

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn’t aggregate them.

Disclosure Requirement S1-9 – Diversity indicators

- **64. The undertaking shall disclose the gender distribution at top management and the age distribution amongst its employees.**

(a) the gender distribution in number and percentage at top management level; and (b) the distribution of employees by age group: under 30 years old; 30-50 years old; over 50 years old.

- Logic:

Apex Class: ESRSS1U9D63Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
- **Input Fields**

Employee Demographic Summary (EmployeeDemographicSum)

 - Disclosure Reporting Period (DisclsReportingPeriodId)
 - Employment Type (EmploymentType)
 - Gender (Gender)
 - Work Type (WorkType)
 - Percentage (Percentage)
 - Age Group (AgeGroup)
- **Calculation**

For EmployeeDemographicSum.Disclosure Reporting Period and selected EmployeeDemographicSum.Gender, and EmployeeDemographicSum.Work Type, and EmployeeDemographicSum.Age Group get EmployeeDemographicSum.Employee Count and EmployeeDemographicSum.Percentage

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

Disclosure Requirement S1-11 – Social protection

- **72. The undertaking shall disclose whether its employees are covered by social protection against loss of income due to major life events, and, if not, the countries where this is not the case.**

- Logic:

Apex Class: ESRSS1U11D70Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
- **Input Fields**

Employment Benefit Summary (EmpBenefitSummary)

 - Disclosure Reporting Period (DisclsReportingPeriodId)
 - Benefit Type (EmployeeBenefitType)
 - Benefit Usage (BenefitUsage)
 - Employee Count (EmployeeCount)
 - Employment Type (EmploymentType)
- **Calculation**

For EmpBenefitSummary.Disclosure Reporting Period and selected EmpBenefitSummary.Benefit Type, EmpBenefitSummary.Benefit Usage, and EmpBenefitSummary.Employment Type get EmpBenefitSummary.Employee Count

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

Disclosure Requirement S1-13 – Training and skills development metrics

- **81. The undertaking shall disclose the extent to which training and skills development is provided to its employees.**

- Logic:

Apex Class: ESRSS1U13D78Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Employee Development Summary (EmployeeDevelopmentSum)

- Disclosure Reporting Period (DisclsReportingPeriodId)
- Gender (Gender)
- Employee Type (EmployeeType)
- Program Category (ProgramCategory)
- Employee Percentage (EmployeePercentage)
- Average Training Time (AverageTrainingTime)

– Calculation

For EmployeeDevelopmentSum.Disclosure Reporting Period and selected EmployeeDevelopmentSum.Gender, EmployeeDevelopmentSum.Employee Type, and EmployeeDevelopmentSum.Program Category get EmployeeDevelopmentSum.Employee Percentage and EmployeeDevelopmentSum.Average Training Time

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

Disclosure Requirement S1-14 – Health and safety metrics

- **86. The undertaking shall disclose information on the extent to which its own workforce is covered by its health and safety management system and the number of incidents associated with work related injuries, ill health and fatalities of its own workforce. In addition, it shall disclose the number of fatalities as a result of work-related injuries and work-related ill health of other workers working on the undertaking's sites.**

– Logic:

Apex Class: ESRSS1U14D82Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Organization Incident Summary (OrgIncidentSummary)

- Category (Category)
- Incident Subtype (IncidentSubtype)
- Incident Type (IncidentType)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Hours Worked (HoursWorked)
- Incident Count (IncidentCount)

– Calculation

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get OrgIncidentSummary.Hours Worked and OrgIncidentSummary.Incident Count

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

- **86-90. The undertaking may include the following additional information on the health and safety coverage: the percentage of its own workers covered by a health and safety management system which is based on legal requirements and/or recognized standards or guidelines and which has been internally audited and/or audited or certified by an external party.**

- Logic:
Apex Class: ESRSS1U14D82Class
Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
- **Input Fields**
Employment Benefit Summary (EmpBenefitSummary)
 - Disclosure Reporting Period (DisclsReportingPeriodId)
 - Benefit Type (EmployeeBenefitType)
 - Employee Percentage (EmployeePercentage)
- **Calculation**
For EmpBenefitSummary.Disclosure Reporting Period and selected EmpBenefitSummary.Benefit Type get EmpBenefitSummary.Employee Percentage
If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

Disclosure Requirement S1-17 – Incidents, complaints and severe human rights impacts

- **100. The undertaking shall disclose the number of work-related incidents and/or complaints and severe human rights impacts within its own workforce, and any related material fines, sanctions or compensation for the reporting period.**
 - Logic:
Apex Class: ESRSS1U14D82Class
Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform
 - **Input Fields**
Organization Incident Summary (OrgIncidentSummary)
 - Category (Category)
 - Incident Subtype (IncidentSubtype)
 - Incident Type (IncidentType)
 - Penalty Type (PenaltyType)
 - Disclosure Reporting Period (DisclsReportingPeriodId)
 - Fine Amount (FineAmount)
 - Incident Count (IncidentCount)
 - **Calculation**
For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, and OrgIncidentSummary.Incident Subtype, get OrgIncidentSummary.Incident Count and OrgIncidentSummary.Fine Amount where OrgIncidentSummary.Penalty Type = "Monetary Fine"
If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

ESRS G1 Business Conduct

Disclosure Requirement G1-4 – Incidents of corruption or bribery

- **22. The undertaking shall provide information on incidents of corruption or bribery during the reporting period**
 - Logic:

Apex Class: ESMSG1U4D21Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Organization Incident Summary (OrgIncidentSummary)

- Category (Category)
- Incident Subtype (IncidentSubtype)
- Incident Type (IncidentType)
- Corrective Action Type (CorrectiveActionType)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Fine Amount (FineAmount)
- Incident Count (IncidentCount)

– Calculation

For OrgIncidentSummary.Disclosure Reporting Period and selected OrgIncidentSummary.Category, OrgIncidentSummary.Incident Type, OrgIncidentSummary.Incident Subtype, and OrgIncidentSummary.Corrective Action Type get OrgIncidentSummary.Incident Count and OrgIncidentSummary.Fine Amount

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

Disclosure Requirement G1-5 – Political influence and lobbying activities

- **27. The total monetary value of financial and in-kind political contributions made directly and indirectly by the undertaking aggregated by country or geographical area where relevant, as well as type of recipient/beneficiary**

– Logic:

Apex Class: ESMSG1U5D27Class

Data Mapper: MSESRSMainDataraptor, MSESRSMainTransform

– Input Fields

Social Contribution Summary (SocialContributionSum)

- Category (Category)
- Country (Country)
- Type (Type)
- Country (Country)
- Recipient Name (RecipientName)
- Disclosure Reporting Period (DisclsReportingPeriodId)
- Total Amount (TotalAmount)

– Calculation

For SocialContributionSum.Disclosure Reporting Period and selected SocialContributionSum.Category, SocialContributionSum.Type, and SocialContributionSum.Country get SocialContributionSum.Recipient Name and SocialContributionSum.Total Amount

If multiple values are returned, Net Zero Cloud shows the values in a table and doesn't aggregate them.

Conversion Factors

You can convert the values from one unit of measure to another compatible unit of measure based on the conversion factors.

Energy Unit Conversion

Energy unit conversions are standard across all fuel types.

Information Source: [U.S. National Institute of Standards and Technology](#)

Table 11: Conversion Factors For Energy Units

Energy Units	Multiplication Factor to Get kWh
kWh	1
GWh	1000000
MWh	1000
GJ	277.7777777
MJ	0.2777777777
kcal	0.00116222
MMBtu/MBtu	293.0710701
Therm	29.30710701
kBtu	0.29307107

Weight Conversions

Information Source: [U.S. National Institute of Standards and Technology](#)

Table 12: Conversion Factors For Weight

Weight Units	Multiplication Factor in Kg
Kg	1
lbs	0.45359
Tonnes	1000
Short Tons	907.18474
Long Tons	1016.04700
g	0.00100

Volume Conversions

Information Source: [U.S. National Institute of Standards and Technology](#)

Table 13: Conversion Factors For Volume in m3

Volume Units	Multiplication Factor to get m3
m3	1.0000000000
1000 m3	1000
ccf	2.83168
scf	0.0283168

Table 14: Conversion Factors For Volume

Volume Units	Multiplication Factor to get Liter	Multiplication Factor to get m3	Multiplication Factor to get Megaliters
Liters	1.000000000	0.001000000	
US Gallon	3.785411818	0.003785412	
UK Gallon	4.545918367	0.004545918	
Kiloliters	1000.000000000	1.000000000	
m3	1000.000000000	1.000000000	0.001000000

Other Conversion Constants

Information Source: [U.S. National Institute of Standards and Technology](#)

Table 15: Conversion Factors For Other Units

From Unit	To Unit	Multiplication Factor
L per hr	G per hr	0.264172050
Miles	km	1.60934
g	Kg	0.001
Nautical miles	Miles	1.15

To convert:

- L per 100km to mpg
 $\text{mpg} = 235.215 / (\text{L per 100km})$
- mpg to L per 100km
 $\text{L per 100km} = 235.215 / (\text{mpg})$

Area Conversions

Information Source: [U.S. National Institute of Standards and Technology](#)

Table 16: Conversion Factors For Area

From Unit	To Unit	Multiplication Factor
m ²	sqft	10.76391042

Conversion Factors for Waste Generation

Here are the conversion factors for waste generation.

Table 17: Conversion Factors for Waste Generation

Unit/Waste Material	Multiplication Factor
lb CO ₂ e/lb Waste Material	1
kg CO ₂ e/kg Waste Material	1
tCO ₂ e/Long Ton Waste Material	0.98421
tCO ₂ e/Metric Tonne Waste Material	1
tCO ₂ e/Short Ton Waste Material	1.10231

Energy Conversions

Here are the conversion factors for Other Emissions Factor Set Item and Electricity Emissions Factor Set

Table 18: Conversion Factors For Energy

Co ₂ , N ₂ o, CH ₄ Emissions	tCO ₂ e/MWh	tonnes/GWh	kg/KWh (Stationary Asset Energy Use)
g/kWh	0.00100	1.00000000	0.00100000
g/MMBtu	0.0000034	0.00341214	0.0000034
kg/MMBtu	0.0034121	3.41214163	0.0034121
kg/GJ	0.0036000	3.60000000	0.0036000
kg/kWh	1	1000.00000000	1
kg/MJ	3.6000000010	3600.00000101	3.6000000010
tonnes/MWh	1	1000.00000000	
tonnes/kWh	1000	1000000.00000000	
Kg/MWh	0.001	1.00000000	
lbs/MWh	0.00045	0.45359200	
lbs / GWh	0.0000004536	0.00045359	

Volume Conversions

Here are the conversion factors for Other Emissions Factor Set Item (Stationary Asset Energy Use, Vehicle Asset Energy Use, and Rental Car Energy Use)

Table 19: Conversion Factors For Volume

Unit/Fuel Type	CO2 (Kg/km)	CH4, N2O (kg/km)	Jet Fuel (Kg/Gallon)
g/US gal	0.00026	0.00100	0.001
kg/L	1	3.785411818	3.78541
kg/US gal	0.264172050	1	1
g/L	0.00100	0.003785412	0.003785412
kg/kl	0.001000000	0.003785412	0.003785412
g/kl	0.0000010	0.000003785	0.000003785
g/km	0.001	0.001	
g/miles	0.00062	0.00062	
kg/miles	0.62137	0.62137	

Calorific Value Conversions

Table 20: Conversion Factors For Calorific Values

Units	Multiplication Factor to get kWh/m3
kWh/L	1000.000000000
kWh/m3	1
kWh/scf	35.3147248
MMBtu/gal	77421.1853797
MMBtu/scf	10349.7241955

Freight Hauling Conversions

Here are the conversion factors for Freight Hauling Energy Use.

Table 21: Conversion Factors For Freight Hauling Values

Units	Multiplication Factor to get kg/tonne-km
kg/tonne-km	1
g/ton-mi	0.00062

Other Emissions Factor Set Item Supplied Emission Factors

Here are the conversion factors for Stationary Asset Energy Use and Vehicle Asset Energy Use.

Table 22: Conversion Factors For Other Emissions Factor Set Item Supplied Emission Factors

Supplied Emissions Factor Unit	Multiplication Factor for Stationary Fuel (tonnes/MWh)	Multiplication Factor for Mobile Fuel/Jet Fuel (kg/Gal)
g/kWh	0.00100	
g/MMBtu	0.0000034121	
kg/kWh	1	
kg/MJ	3.6000000010	
kg/MMBtu	0.0034121	
kg/GJ	0.0036000	
g/US gal		0.00100
kg/L		3.785411818
kg/US gal		1
g/L		0.003785412
tonnes/kl		0.264172050
tonnes/kWh	1000	
tonnes/L		3785.411818000
tonnes/GJ	3.6000000	
tonnes/MWh	1	
tonnes/MMBtu	3.4121416	

[Conversion Calculations](#)

You can convert the values from one unit of measure to another compatible unit of measure based on the conversion factors.

Conversion Calculations

You can convert the values from one unit of measure to another compatible unit of measure based on the conversion factors.

Convert MMBtu/gal to kWh/m³

The conversion factor is derived by converting the energy and volume units separately using standard values from U.S. National Institute of Standards and Technology (NIST).

Information Sources

- [NIST Special Publication 811 \(Guide for the Use of the SI\)](#): Primary source for official unit conversions. The factors are listed in Appendix B.

- [U.S. Energy Information Administration \(EIA\)](#): Uses these standard factors for its energy data reporting.

Calculations

- Energy Conversion (MMBtu to kWh)

Determine the number of kilowatt-hours (kWh) contained within one Million British Thermal Units (MMBtu).

- $1 \text{ MMBtu} = 1,000,000 \text{ Btu}$
- $1 \text{ Btu} = 0.000293071 \text{ kWh}$
- So, $1 \text{ MMBtu} = 1,000,000 \times 0.000293071 \text{ kWh} = 293.071 \text{ kWh}$

- Volume Conversion (Gallon to m³)

Determine the number of cubic meters (m³) contained within one US gallon.

- $1 \text{ US gallon} = 0.003785412 \text{ m}^3$

- Final Calculation

Combine these values to get the final conversion factor.

- $\text{Factor} = \text{kWh per MMBtu} / \text{m}^3 \text{ per gallon} = 293.071 \text{ kWh} / 0.003785412 \text{ m}^3 = \approx 77,421.5$

Convert Kg/MMBtu to Tonnes/MWh

The conversion factor is derived by determining how many kilograms/Million British Thermal Units (kg/MMBtu) are equivalent to one tonne/Megawatt-hour (tonne/MWh). This process involves converting both the mass and the energy units using standard factors.

Information Sources

- [NIST Special Publication 811 \(Guide for the Use of the SI\)](#): Provides the foundational conversion from Btu to the joule, which underpins the MMBtu to MWh calculation.
- [U.S. Energy Information Administration \(EIA\)](#): Uses these standard factors for its energy data reporting.

Calculations

- Energy Conversion (MWh to MMBtu)

Relate the two energy units. A MWh is a larger unit of energy than a MMBtu

- $1 \text{ MWh} \approx 3.412 \text{ MMBtu}$

- Mass Conversion (Tonnes to kg)

Relate the mass units

- $1 \text{ metric ton (tonne)} = 1,000 \text{ kg}$

- Final Calculation

Combine these values to find the equivalence

- $1 \text{ tonne} / 1 \text{ MWh} = 1,000 \text{ kg} / 3.41214 \text{ MMBtu} = \approx 293.071 \text{ kg/MMBtu}$

This conversion shows that 1 tonne/MWh is equivalent to 293.071 kg/MMBtu. Therefore, to convert your value from the smaller kg/MMBtu unit to the larger tonne/MWh unit, you must divide your values.

$$1 \text{ kg/MMBtu} = 1 / 293.071 = 0.0034121 \text{ tonnes/MWh}$$

Convert Kg/MMBtu to tCO₂e/MWh

The conversion involves these steps:

1. Convert mass (g to tonne).
2. Convert energy (MMBtu to MWh).
3. Account for the global warming potential of the gas.

Information Sources

- [NIST Special Publication 811 \(Guide for the Use of the SI\)](#): Provides the foundational energy conversion factors (Btu to joules) that underpin the MWh to MMBtu calculation.
- [U.S. Energy Information Administration \(EIA\)](#): Publishes and uses these standard energy conversion factors in its data and reports.
- [Intergovernmental Panel on Climate Change \(IPCC\)](#): The leading international body to assess climate change and the primary source for official global warming potential (GWP) values. GWP values are updated in its assessment reports (e.g., AR5, AR6).

Calculations

- Step 1 and 2: Convert g/MMBtu to tonnes/MWh

Combines the mass and energy conversions into a single factor. The relationship is based on how many grams/Million British Thermal Units (g/MMBtu) are equivalent to one tonne/Megawatt-hour (tonne/MWh).

- Energy Equivalence: 1 MWh is equivalent to approximately 3.412 MMBtu.
- Mass Equivalence: 1 metric tonne equals 1,000,000 grams.

Combining these values gives the factor:

$$1 \text{ tonne} / 1 \text{ MWh} = 1,000,000 \text{ g} / 3.41214 \text{ MMBtu} = \approx 293,071 \text{ g/MMBtu}$$

Divide by 293,071 to convert from g/MMBtu to tonnes/MWh.

$$1 \text{ g/MMBtu} = 1 / 293,071 = 0.0000034121 \text{ tonnes/MWh}$$

$$1 \text{ kg/MMBtu} = 0.0000034121 \text{ tonnes/MWh} * 1000 = 0.0034121 \text{ tonnes/MWh}$$

- Step 3: Account for CO₂e

Tonnes of carbon dioxide equivalent (tCO₂e) standardizes the impact of different greenhouse gases.

- For CO₂: The Global Warming Potential (GWP) of carbon dioxide is 1. Therefore, 1 tonne of CO₂ = 1 tCO₂e. For this specific gas, the conversion is complete after step 2.

Convert Kg/MMBtu to Kg/KWh

Since the mass unit (kg) is the same in both the starting and ending units, you only need to convert the energy unit in the denominator.

Information Sources

- [NIST Special Publication 811 \(Guide for the Use of the SI\)](#): Provides the foundational conversion factors (like Btu to joule) that are used to calculate the kWh to MMBtu relationship.
- [U.S. Energy Information Administration \(EIA\)](#): Primary source for energy data and uses these standard conversion factors in all its reporting and analysis.

Calculations

- The entire conversion is based on the standard energy relationship between Million British Thermal Units (MMBtu) and kilowatt-hour (kWh).

- Energy Conversion: One MMBtu is a significantly larger unit of energy than one kWh. The precise relationship is: 1 MMBtu = 293.071 kWh

Because you convert from a unit with a large denominator (MMBtu) to one with a much smaller denominator (kWh), the final numerical value is also smaller. You achieve this by dividing by the conversion factor. Therefore, $1 \text{ kg/MMBtu} = 0.0034121 \text{ kg/KWh}$