CDP Supply Chain 2017  
Questionnaire Drafting Document

Climate Change

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|  | **Introduction to the Drafting Document** |
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**Introduction to this document**

This document is solely for the purpose of drafting a response to the core climate change and supply chain modules of the 2017 supply chain questionnaire. Your final response must be entered via the CDP Online Response System (ORS).

We highly recommend that you activate your access to the ORS and review its structure and related guidance before proceeding with this drafting document. If you do not already have access to the ORS for your disclosing organization, please email [respond@cdp.net](mailto:respond@cdp.net) to request access.  
  
The ORS consists of questions that you will be asked to answer depending on other questions answered in each section. Please note that text fields have a character limit which are listed throughout this document.

**What is the deadline for responses?**

Companies will receive a request to participate and activation link in April 2017. This will allow them to access the questionnaire and begin inputting their response. The deadline for response submissions is July 31 2017.

**Guidance**

This drafting document contains no guidance on how to answer the questions. Please use this document in conjunction with the complete reporting guidance, found at <https://www.cdp.net/en/guidance/guidance-for-companies> to draft your response.

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|  | Introduction |
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CC0. Introduction page

Pre-population

If you responded to CDP last year, questions CC0.1, CC0.3 and CC0.4 on this page are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page.

CC0.1: Introduction

Please give a general description and introduction to your organization [maximum 5000 characters].

CC0.2: Reporting Year

Please state the start and end date of the year for which you are reporting data.

The current reporting year is the latest/most recent 12-month period for which data is reported. Please enter dates in the following format: day(DD)/month(MM)/year(YYYY) in full, i.e. 31/01/2015.

CC0.3: Country list configuration

If you are responding to the Electric Utilities module, please select all countries in which you operate from the drop down menu provided.

This question should only to be completed if you are responding to the Electric Utilities module. If you are not responding to the Electric Utilities module, you may leave this question blank if you wish to do so.

CC0.4: Currency selection

Please select the currency in which you would like to submit your response. All financial information contained in the response (questions CC3.3b and CC12.2) should be in this currency.

For example, if you select USD($) here, when providing your financial intensity metric in response to question CC12.2, you should provide it as metric tonnes CO2e per USD$.

CC0.5: Please select if you wish to complete a shorter information request [SME questionnaire only]

If you are responding to the request for information from supply chain members only you may have been given the option of answering a shortened information request because you have identified that you meet the criteria for Small and Medium Sized Enterprises (SMEs) in the ORS portal. Companies that are eligible for the SME questionnaire are welcome to show their leadership in the field of climate change reporting by answering the full information request. If this is the case, please select “No” here.

Please select from:

* Yes
* No

CC0.6: Modules

Here companies can choose to respond to a sector module if this has not already been allocated to them by CDP.

These modules are only for companies with business activities in these sectors. They should not be answered by companies solely on the basis that they use electricity, automobiles, oil & gas or ICT hardware/services in their work.

Please select from:

* Oil and Gas
* Auto & Auto Component Manufacturers
* Electric Utilities
* Information and Communication Technologies
* Food Beverage and Tobacco

|  |  |
| --- | --- |
|  | Management |
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CC1. Governance

**Pre-population**

If you responded to CDP last year, questions CC1.1, CC1.1a, CC1.2 and CC1.2a on this page are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page. Please note that if you selected ‘Behavior change related indicator’ from the options in column 3 (Incentivized performance indicator) of question CC1.2a last year (2016), it will copy over into the ‘other, please specify’ field in column 3 of that table because that option has been amended to ‘Behavior change related indicator’ (US spelling). Please re-select the ‘Behavior change related indicator’ option, delete the text in the ‘other, please specify’ field, and check the rest of the copied information in the table.

Group and Individual Responsibility:

CC1.1: Where is the highest level of direct responsibility for climate change within your organization?

Please select from:

* Board or individual/sub-set of the Board or other committee appointed by the Board;
* Senior Manager/Officer;
* Other Manager/Officer;
* No individual or committee with overall responsibility for climate change.

*If “Board or individual/sub-set of the Board or other committee appointed by the Board”; “Senior*

*Manager/Officer”; or, “Other Manager/Officer” is selected in CC1.1:*

CC1.1a: Please identify the position of the individual or name of the committee with this responsibility [maximum 5000 characters]

Individual Performance:

CC1.2: Do you provide incentives for the management of climate change issues, including the attainment of targets?

Please select from:

* Yes
* No

*If “Yes” is selected in question CC1.2a:*

CC1.2a: Please provide further details on the incentives provided for the management of climate change issues

|  |  |  |  |
| --- | --- | --- | --- |
| Who is entitled to benefit from these incentives? | The type of incentives | Incentivized performance indicator | Comment |
| Select from:   * Board chairman * Board/Executive board * Director on board * Corporate executive team * Chief Executive Officer (CEO) * Chief Financial Officer (CFO) * Chief Operating Officer (COO) * Chief Purchasing Officer (CPO) * Other C-Suite Officer * President * Executive officer * Management group * Business unit managers * EHS manager * Buyers/purchasers * Energy managers * Environment/Sustainability managers * Facility managers * Process operation managers * Procurement manager * Public affairs managers * Risk managers * All employees * Other, please specify | Select from:   * Monetary reward * Recognition (non-monetary) * Other non-monetary reward | Multi-select from:   * Emissions reduction project * Emissions reduction target * Energy reduction project * Energy reduction target * Efficiency project * Efficiency target * Behavior change related indicator * Environmental criteria included in purchases * Supply chain engagement * Other, please specify | Text field [maximum 2400 characters] |

Multiple incentives can be selected using the “Add Row” button to the bottom right of the table

CC2. Strategy

**Pre-population**

If you responded to CDP last year, questions CC2.1, CC2.1a, CC2.1b, CC2.1c, CC2.2, CC2.2a, CC2.2b, CC2.2c, CC2.2d, CC2.3, and CC2.3a-2.3g on this page are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page.

Risk Management Approach:

CC2.1: Please select the option that best describes your risk management procedures with regard to climate change risks and opportunities

Please select from:

* Integrated into multi-disciplinary company-wide risk management processes
* A specific climate change risk management process
* There are no documented processes for assessing and managing risks and opportunities from climate change

*If “Integrated into multi-disciplinary company-wide risk management processes” or “A specific climate change risk management process” is selected in question CC2.1:*

CC2.1a: Please provide further details on your risk management procedures with regard to climate change risks and opportunities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Frequency of monitoring | To whom are results reported? | Geographical areas considered | How far into the future are risks considered? | Comment |
| Select from:   * Six-monthly or more frequently * Annually * Every two years * Sporadically, not defined * Never | Select from:   * Board or individual/sub-set of the Board or committee appointed by the Board * Other committee * Senior manager/officer * Other manager/officer * Nobody | Text field [maximum 500 characters] | Select from:   * Up to 1 year * 1 to 3 years * 3 to 6 years * >6 years * Unknown | Text field [maximum 1000 characters] |

*If “Integrated into multi-disciplinary company-wide risk management processes” or “A specific climate change risk management process” is selected in question CC2.1:*

CC2.1b: Please describe how your risk and opportunity identification processes are applied at both company and asset level [maximum 2000 characters]

*If “Integrated into multi-disciplinary company-wide risk management processes” or “A specific climate change risk management process” is selected in question CC2.1:*

CC2.1c: How do you prioritize the risks and opportunities identified? [maximum 2000 characters]

*If “There are no documented processes for assessing and managing risks and opportunities from climate change” is selected for question CC2.1:*

CC2.1d: Please explain why you do not have a process in place for assessing and managing risks and opportunities from climate change, and whether you plan to introduce such a process in the future

|  |  |  |
| --- | --- | --- |
| Main reason for not having a process | Do you plan to introduce a process? | Comment |
| Select from:   * Insufficient resources to complete risk assessment * No requirement from management * Insufficient data on operations * No risk management processes in place * Insufficient knowledge of climate change impacts * Other, please specify | Select from:   * Yes * No | Text field [maximum 1500 characters] |

Business Strategy:

CC2.2: Is climate change integrated into your business strategy?

Please select from:

* Yes
* No

*If “Yes” is selected in question CC2.2:*

CC2.2a: Please describe the process of how climate change is integrated into your business strategy and any outcomes of this process [maximum 7000 characters]

*If “No” is selected in question CC2.2:*

CC2.2b: Please explain why climate change is not integrated into your business strategy [maximum 5000 characters]

CC2.2c: Does your company use an internal price on carbon?

Please select from:

* Yes
* No, but we anticipate doing so in the next two years
* No, and we do not currently anticipate doing so in the next 2 years

*If “Yes” is selected in CC2.2c:*

CC2.2d: Please provide details and examples of how your company uses an internal price on carbon [maximum 5000 characters]

CC2.3: Do you engage in activities that could either directly or indirectly influence public policy on climate change through any of the following? (tick all that apply)

* Direct engagement with policy makers
* Trade associations
* Funding research organizations
* Other
* No

Only select “No” if you do not engage in any engagement with policy makers, directly or indirectly.

*If “Direct engagement with policy makers” is ticked in question CC2.3:*

CC2.3a: On what issues have you been engaging directly with policy makers?

|  |  |  |  |
| --- | --- | --- | --- |
| Focus of legislation | Corporate position | Details of engagement | Proposed legislative solution |
| Select from:   * Mandatory carbon reporting * Cap and trade * Carbon tax * Energy efficiency * Clean energy generation * Adaptation resiliency * Climate finance * Regulation of methane emissions * Other, please specify | Select from:   * Support * Support with minor exceptions * Support with major exceptions * Neutral * Oppose * Undecided | Text field [maximum 2400 characters] | Text field [maximum 2400 characters] |

You can provide multiple entries by clicking the “Add Row” button to the bottom right of the table.

*If “Trade associations” is ticked in question CC2.3:*

CC2.3b: Are you on the Board of any trade associations or provide funding beyond membership?

Please select from:

* Yes
* No

*If “Trade associations” is ticked for CC2.3 and “Yes” is selected for CC2.3b:*

CC2.3c: Please enter the details of those trade associations that are likely to take a position on climate change legislation

|  |  |  |  |
| --- | --- | --- | --- |
| Trade association | Is your position on climate change consistent with theirs? | Please explain the trade association’s position | How have you, or are you attempting to, influence the position? |
| Text Box:  Enter the name of the trade association(s) that you are on the Board of or provide funding beyond membership | Select from:   * Consistent * Inconsistent * Mixed * Unknown | Text field [maximum 2400 characters] | Text field [maximum 2400 characters] |

If you have multiple trade association relationships that apply, you can add multiple rows by using the “Add Row” button to the bottom right of the table in the ORS

*If “Funding research organizations” is ticked in question CC2.3:*

CC2.3d: Do you publically disclose a list of all the research organizations that you fund?

Please select from:

* Yes
* No

*If “Other” is ticked in question CC2.3:*

CC2.3e: Please provide details of the other engagement activities that you undertake [maximum 5000 characters]

*If ‘Direct engagement with policy makers”, “Trade associations”, “Funding research organizations” or “other have been selected in question CC2.3:*

CC2.3f: What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy [maximum 5000 characters]

*If “No” is ticked in response to question CC2.3:*

CC2.3g: Please explain why you do not engage with policy makers [maximum 5000 characters]

CC3. Targets & Initiatives

**Pre-population**

If you responded to CDP last year, questions CC3.2, CC3.3 and CC3.3c on this page are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page. Please note that if you selected ‘price of carbon’ from the drop down options in CC3.3c last year (2016), it will not copy over because the option has been amended to ‘price on carbon’. Please re-select and enter the information.

CC3.1: Did you have an emissions reduction or renewable energy consumption or production target that was active (ongoing or reached completion) in the reporting year?

Select from at least one of the following:

* Absolute target
* Intensity target
* Renewable energy consumption and/or production target
* No

Sector specific requirements to this question:

Oil and Gas Sector Companies: Investors request that targets at group and subsidiary/divisional levels are disclosed.

Electric Utility Sector Companies: Investors request that targets are expressed at group level and where applicable at subsidiary/divisional level and that intensity targets are also expressed as absolute targets where possible.

Auto Manufacturing Companies: In addition to any absolute targets, you should disclose your CO2 and/or fuel economy targets for products at group level and, where relevant, for specific markets. Targets should be expressed in grams of CO2 per kilometer.

*If you have selected “Absolute target” in question CC3.1:*

CC3.1a: Please provide details of your absolute target

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Scope | % of emissions in scope | % reduction from base year | Base year | Base year emissions covered by target (metric tonnes CO2e) | Target year | Is this a science-based target? | Comment |
| Select from:  Abs 1 – Abs 15 | Select from:   * Scope 1 * Scope 2 (location-based) * Scope 2 (market-based) * Scope 1+2 (location-based) * Scope 1+2 (market-based) * Scope 1+2 (location-based) + 3 (upstream) * Scope 1+2 (location-based) + 3 (downstream) * Scope 1+2 (market-based) + 3 (upstream) * Scope 1+2 (market-based) + 3 (downstream) * Scope 3: Purchased goods & services * Scope 3: Capital goods * Scope 3: Fuel- and energy-related activities (not included in Scopes 1 or 2) * Scope 3: Upstream transportation & distribution * Scope 3: Waste generated in operations * Scope 3: Business travel * Scope 3: Employee commuting * Scope 3: Upstream leased assets * Scope 3: Investments * Scope 3: Downstream transportation and distribution * Scope 3: Processing of sold products * Scope 3: Use of sold products * Scope 3: End-of-life treatment of sold products * Scope 3: Downstream leased assets * Scope 3: Franchises * Other, please specify | Numerical field | Numerical field | Enter year between 1900 and 2016 | Numerical field | Enter year between 2000 and 2100 | Select from:   * Yes, and this target has been successfully approved as science-based by the Science Based Targets initiative. * Yes, but this target has not been successfully approved as science-based by the Science Based Targets initiative. * No, as there is currently no established science-based targets methodology in this sector. * No, but we are reporting another target which is science-based. * No, but we anticipate setting one in the next 2 years * No, and we do not anticipate setting one in the next 2 years. | Text field [maximum 2400 characters] |

If you have multiple targets, you can enter them into the table by adding more rows using the “Add Row” button to the bottom right.

*If you have selected “Intensity target” in question CC3.1:*

CC3.1b: Please provide details of your intensity target

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Scope | % of emissions in scope | % reduction from base year | Metric | Base year | Normalized base year emissions covered by target | Is this a science-based target? | Target year | Comment |
| Select from:  Int1 – Int15 | Select from:   * Scope 1 * Scope 2 (location-based) * Scope 2 (market-based) * Scope 1+2 (location-based) * Scope 1+2 (market-based) * Scope 1+2 (location-based) + 3 (upstream) * Scope 1+2 (location-based) + 3 (downstream) * Scope 1+2 (market-based) + 3 (upstream) * Scope 1+2 (market-based) + 3 (downstream) * Scope 3: Purchased goods & services * Scope 3: Capital goods * Scope 3: Fuel- and energy-related activities (not included in Scopes 1 or 2) * Scope 3: Upstream transportation & distribution * Scope 3: Waste generated in operations * Scope 3: Business travel * Scope 3: Employee commuting * Scope 3: Upstream leased assets * Scope 3: Investments * Scope 3: Downstream transportation and distribution * Scope 3: Processing of sold products * Scope 3: Use of sold products * Scope 3: End-of-life treatment of sold products * Scope 3: Downstream leased assets * Scope 3: Franchises * Other, please specify | Numerical field | Numerical field | Select from:   * Grams CO2e per passenger kilometer * Metric tonnes CO2 per USD ($) value-added * Metric tonnes CO2e per square meter * Metric tonnes CO2e per tonne of aluminum * Metric tonnes CO2e per tonne of steel * Metric tonnes CO2e per tonne of cement * Metric tonnes CO2e per tonne of cardboard * Grams CO2e per kilometer * Metric tonnes CO2e per unit revenue * Metric tonnes CO2e per unit FTE employee * Metric tonnes CO2e per unit hour worked * Metric tonnes CO2e per metric tonne of product * Metric tonnes of CO2e per liter of product * Metric tonnes CO2e per unit of production * Metric tonnes CO2e per unit of service provided * Metric tonnes CO2e per square foot * Metric tonnes CO2e per kilometer * Metric tonnes CO2e per passenger kilometer * Metric tonnes CO2e per megawatt hour (MWh) * Metric tonnes CO2e per barrel of oil equivalent (BOE) * Metric tonnes CO2e per vehicle produced * Metric tonnes CO2e per tonne of ore processed * Metric tonnes CO2e per ounce of gold * Metric tonnes CO2e per ounce of platinum * Metric tonnes of CO2e per tonne of aggregate * Metric tonnes of CO2e per billion (currency) funds under management * Other, please specify. | Enter year between 1900 and 2016 | Numerical field | Select from:   * Yes, and it has been successfully approved by the Science Based Targets initiative. * Yes, but it has not been successfully approved by the Science Based Targets initiative. * No, as there is currently no established science-based targets methodology in this sector. * No, but we are reporting another target which is science-based. * No, but we anticipate setting one in the next 2 years * No, and we do not anticipate setting one in the next 2 years. | Enter year between 2000 and 2100 | Text field [maximum 2400 characters] |

If you have multiple targets, you can enter them into the table by adding more rows using the “Add Row” button to the bottom right.

*If “Intensity target” is selected in question CC3.1:*

**CC3.1c: Please also indicate what change in absolute emissions this intensity target reflects**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Direction of change anticipated in absolute Scope 1+2 emissions at target completion? | % change anticipated in absolute Scope 1+2 emissions | Direction of change anticipated in absolute Scope 3 emissions at target completion? | % change anticipated in absolute Scope 3 emissions | Comment |
| Select from:  Int1 – Int15 | Select from:   * Increase * Decrease * No change | Numerical field | Select from:   * Increase * Decrease * No change | Numerical field | Text field [maximum 2400 characters] |

If you have multiple targets, you can enter them into the table by adding more rows using the “Add Row” button to the bottom right.

*If “Renewable energy consumption and/or production target” is selected in question CC3.1:*

**CC3.1d: Please provide details of your renewable energy consumption and/or production target**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Energy types covered by target | Base year | Base year energy for energy type covered (MWh) | % renewable energy in base year | Target year | % renewable energy in target year | Comment |
| Select from:  RE1 – RE15 | Select from:   * All energy consumed * Combustion of fuels * Electricity consumption * Heat consumption * Steam consumption * Cooling consumption * Electricity production * Other, please specify | Enter a year between 1900 and 2016 | Numerical field | Numerical field | Enter a year between 2000 and 2100 | Numerical field | Text field [maximum 2400 characters] |

If you have multiple targets, you can enter them into the table by adding more rows using the “Add Row” button to the bottom right.

*If “Absolute target”, “Intensity target” or “Renewable energy consumption and/or production target” is selected in question CC3.1:*

**CC3.1e: For all of your targets, please provide details on the progress made in the reporting year**

|  |  |  |  |
| --- | --- | --- | --- |
| ID | % complete (time) | % complete (emissions or renewable energy) | Comment |
| Select from:   * Abs1 – Abs15 * Int1 – Int15 * RE1 – RE15 | Numerical field | Numerical field | Text field [maximum 2400 characters] |

To add more rows to the table, please use the “Add Row” button to the bottom right.

*If “No” is selected in question CC3.1:*

**CC3.1f: Please explain (i) why you do not have a target; and (ii) forecast how your emissions will change over the next five years** [maximum 5000 characters]

**CC3.2: Do you classify any of your existing goods and/or services as low carbon products or do they enable a third party to avoid GHG emissions?**

Please select from:

* Yes
* No
* Don’t know

*If “Yes” is selected in question CC3.2:*

**CC3.2a: Please provide details of your products and/or services that you classify as low carbon products or that enable a third party to avoid GHG emissions?**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Level of aggregation | Description of product/Group of products | Are you reporting low carbon product/s or avoided emissions? | Taxonomy, project or methodology used to classify product/s as low carbon or to calculate avoided emissions | % revenue from low carbon product/s in the reporting year | % R&D in low carbon product/s in the reporting year | Comment |
| Select from:   * Product * Group of products * Company-wide | Text field [maximum 2400 characters] | Select from:   * Low carbon product * Avoided emissions * Low carbon product and avoided emissions | For low carbon products, select from:   * Low Carbon Investment (LCI) Registry Taxonomy * Climate Bonds Taxonomy * Other, please specify   For avoided emissions, select from:   * Addressing the Avoided Emissions Challenge- Chemicals sector * Evaluating the carbon reducing impacts of ICT * Other, please specify | Numerical field | Select from:   * Less than or equal to 10% * More than 10% but less than or equal to 20% * More than 20% but less than or equal to 40% * More than 40% but less than or equal to 60% * More than 60% but less than or equal to 80% * More than 80% but less than or equal to 100% | Text field [maximum 2400 characters] |

If you have multiple products and/or services,you can enter them into the table by adding more rows using the “Add Row” button to the bottom right.

**CC3.3: Did you have emissions reduction initiatives that were active within the reporting year (this can include those in the planning and/or implementation phases)**

Please select from:

* Yes
* No

*If “Yes” is selected in question CC3.3:*

**CC3.3a: Please identify the total number of projects at each stage of development, and for those in the implementation stages, the estimated CO2e savings**

|  |  |  |
| --- | --- | --- |
| Stage of development | Number of projects | Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked \*) |
| Under investigation | Numerical field | Numerical field |
| To be implemented\* | Numerical field | Numerical field |
| Implementation commenced\* | Numerical field | Numerical field |
| Implemented\* | Numerical field | Numerical field |
| Not to be implemented | Numerical field | Numerical field |

*If “Yes” is selected in question CC3.3:*

CC3.3b: For those initiatives implemented in the reporting year, please provide details in the table below

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Activity type | Description of activity | Estimated annual CO2e savings (metric tonnes CO2e) | Scope | Voluntary /Mandatory | Annual monetary savings (unit currency – as specified in CC0.4) | Investment required (unit currency – as specified in CC0.4) | Payback period | Estimated lifetime of the initiative (years) | Comment |
| Select from:   * Energy efficiency: Building fabric * Energy efficiency: Building services * Energy efficiency: Processes * Fugitive emissions reductions * Low carbon energy purchase * Low carbon energy installation * Process emissions reductions * Transportation: fleet * Transportation: use * Product design * Behavioral change * Waste recovery * Green project finance * Other | Text field [maximum 2400 characters] | Numerical field | Select from:   * Scope 1 * Scope 2 (location-based) * Scope 2 (market-based) * Scope 3 | Select from:   * Voluntary * Mandatory | Numerical field | Numerical field | Select from:   * <1 year * 1-3 years * 4-10 years * 11-15 years * 16-20 years * 21-25 years * >25 years | Select from:   * <1 year * 1-2 years * 3-5 years * 6-10 years * 11-15 years * 16-20 years * 21-30 years * >30 years * Ongoing | Text field [maximum 1500 characters] |

If you have a number of initiatives, you can enter them into the table by adding more rows using the “Add Row” button to the bottom right.

*If “Yes” is selected in question CC3.3:*

CC3.3c: What methods do you use to drive investment in emissions reduction activities?

|  |  |
| --- | --- |
| Method | Comment |
| Select from:   * Compliance with regulatory requirements/standards * Dedicated budget for energy efficiency * Dedicated budget for low carbon product R&D * Dedicated budget for other emission reduction activities * Employee engagement * Financial optimization calculations * Internal price on carbon * Internal incentives/recognition programs * Internal finance mechanisms * Lower return on investment (ROI) specification * Marginal abatement cost curve * Partnering with governments on technology development * Other | Text field [maximum 2400 characters] |

You can choose more than one method by using the “Add Row” button at the bottom right of the table

*If “No” was selected in question CC3.3:*

CC3.3d: If you do not have any emissions reduction initiatives, please explain why not [maximum 5000 characters]

|  |  |
| --- | --- |
|  | Communications |
|  |

CC4. Communications

**Pre-population**

The question on this page is not eligible for pre-population if you responded last year.

CC4.1: Have you published information about your organization’s response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Publication | Status | Page/Section reference | Attach the document | Comment |
| Select from:   * No * In mainstream financial reports in accordance with the CDSB Framework * In mainstream financial reports but have not used the CDSB Framework * In other regulatory filings * In voluntary communications | Select from:   * Complete * Underway – previous year attached * Underway – this is our first year | Text field | Under 5MB | Text field [maximum 2400 characters] |

If you wish to enter more than one you report, you can attach them into the table by adding more rows using the “Add Row” button to the bottom right. Please ensure that your attachment is under 5MB.

**Please note:** It is not possible to include URLs as evidence of reports. The CDP report needs to be complete over time and therefore web links are also not acceptable. If this is the format of your reporting, you can provide the relevant snapshot/screenshots of the pages as the attachment.

|  |  |
| --- | --- |
|  | Risks & Opportunities |
|  |

CC5. Climate Change Risks

**Pre-population**

If you responded to CDP last year, question CC5.1, and questions CC5.1a, CC5.1b, and CC5.1c on this page are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page. Please note that if you selected ‘Product labelling regulations and standards’ and/or ‘Changing consumer behavior’ from the drop down options in column 1 (Risk driver) of questions CC5.1a and/or CC5.1c last year (2016), they will not copy over because these options have been amended to ‘Product labeling regulations and standards’ and ‘Changing consumer behavior’ (US spelling). Please re-select ‘Product labeling regulations and standards’ and/or ‘Changing consumer behavior’ and check the rest of the copied information in the table.

CC5.1: Have you identified any inherent climate change risks that have the potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply

* Risks driven by changes in regulation
* Risks driven by changes in physical climate parameters
* Risks driven by changes in other climate-related development

Tick all categories of risks above that apply to your business. Risks can be:

*If “Risks driven by changes in regulation” is ticked in question CC5.1:*

CC5.1a: Please describe your inherent risks that are driven by changes in regulation

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Risk driver | Description | Potential impact | Timeframe | Direct/  Indirect | Likelihood | Magnitude of impact | Estimated financial implications | Management methods | Cost of management |
| Select from:   * International agreements * Air pollution limits * Carbon taxes * Cap and trade schemes * Emission reporting obligations * Fuel/energy taxes and regulations * Product efficiency regulations and standards * Product labelling regulations and standards * Voluntary agreements * General environmental regulations, including planning * Renewable energy regulation * Uncertainty surrounding new regulation * Lack of regulation * Other regulatory drivers | Text field [maximum 2400 characters] | Select from:   * Increased operational cost * Increased capital cost * Reduced demand for goods/service * Reduction/ disruption in production capacity * Reduction in capital availability * Reduced stock price (market valuation) * Inability to do business * Wider social disadvantage * Other, please specify | Select from:   * Up to 1 year * 1 to 3 years * 3 to 6 years * >6 years * Unknown | Select from:   * Direct * Indirect (Supply chain) * Indirect (Client) | Select from:   * Virtually certain * Very likely * Likely * More likely than not * About as likely as not * Unlikely * Very unlikely * Exceptionally unlikely * Unknown | Select from:   * High * Medium-high * Medium * Low-medium * Low * Unknown | Text field [maximum 1000 characters] | Text field [maximum 1500 characters] | Text field [maximum 1000 characters] |

You can make multiple entries into the table, using the “Add Row” button to the bottom right.

*If “Risks driven by changes in physical climate parameters” is ticked in question CC5.1:*

CC5.1b: Please describe your inherent risks that are driven by change in physical climate parameters

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Risk driver | Description | Potential impact | Timeframe | Direct/  Indirect | Likelihood | Magnitude of impact | Estimated financial implications | Management methods | Cost of management |
| Select from:   * Change in mean (average) temperature * Change in temperature extremes * Change in mean (average) precipitation * Change in precipitation pattern * Change in precipitation extremes and droughts * Snow and ice * Sea level rise * Tropical cyclones (hurricanes and typhoons) * Induced changes in natural resources * Uncertainty of physical risks * Other physical climate drivers | Text field [maximum 2400 characters] | Select from:   * Increased operational cost * Increased capital cost * Reduced demand for goods/service * Reduction/ disruption in production capacity * Reduction in capital availability * Reduced stock price (market valuation) * Inability to do business * Wider social disadvantage * Other, please specify | Select from:   * Up to 1 year * 1 to 3 years * 3 to 6 years * >6 years * Unknown | Select from:   * Direct * Indirect (Supply chain) * Indirect (Client) | Select from:   * Virtually certain * Very likely * Likely * More likely than not * About as likely as not * Unlikely * Very unlikely * Exceptionally unlikely * Unknown | Select from:   * High * Medium-high * Medium * Low-medium * Low * Unknown | Text field [maximum 1000 characters] | Text field [maximum 1500 characters] | Text field [maximum 1000 characters] |

You can make multiple entries into the table, using the “Add Row” button to the bottom right.

*If “Risks driven by changes in other climate-related developments” is ticked in question CC5.1:*

CC5.1c: Please describe your inherent risks that are driven by changes in other climate-related developments

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Risk driver | Description | Potential impact | Timeframe | Direct/  Indirect | Likelihood | Magnitude of impact | Estimated financial implications | Management methods | Cost of management |
| Select from:   * Reputation * Changing consumer behavior * Induced changes in human and cultural environments * Fluctuating socio-economic conditions * Increasing humanitarian demands * Uncertainty in social drivers * Uncertainty in market signals * Other drivers | Text field [maximum 2400 characters] | Select from:   * Increased operational cost * Increased capital cost * Reduced demand for goods/service * Reduction/ disruption in production capacity * Reduction in capital availability * Reduced stock price (market valuation) * Inability to do business * Wider social disadvantage * Other, please specify | Select from:   * Up to 1 year * 1 to 3 years * 3 to 6 years * >6 years * Unknown | Select from:   * Direct * Indirect (Supply chain) * Indirect (Client) | Select from:   * Virtually certain * Very likely * Likely * More likely than not * About as likely as not * Unlikely * Very unlikely * Exceptionally unlikely * Unknown | Select from:   * High * Medium-high * Medium * Low-medium * Low * Unknown | Text field [maximum 1000 characters] | Text field [maximum 1500 characters] | Text field [maximum 1000 characters] |

You can make multiple entries into the table, using the “Add Row” button to the bottom right.

*If “Risks driven by changes in regulation” is not ticked in CC5.1:*

CC5.1d: Please explain why you do not consider your company to be exposed to inherent risks driven by changes in regulation that have the potential to generate a substantive change in your business operations, revenue or expenditure [maximum 2400 characters]

*If “Risks driven by changes in physical climate parameters” is not ticked in CC5.1:*

CC5.1e: Please explain why you do not consider your company to be exposed to inherent risks driven by changes in physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure [maximum 2400 characters]

*If “Risks driven by changes in other climate-related developments” is not ticked in CC5.1:*

CC5.1f: Please explain why you do not consider your company to be exposed to inherent risks driven by changes in other climate-related developments that have the potential to generate a substantive change in your business operations, revenue or expenditure [maximum 2400 characters]

CC6. Climate Change Opportunities

**Pre-population**

If you responded to CDP last year, questions CC6.1, and questions CC6.1a, CC6.1b, and CC6.1c are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page. Please note that if you selected ‘Product labelling regulations and standards’ and/or ‘Changing consumer behavior’ from the drop down options in column 1 (Opportunity driver) of questions CC6.1a and/or CC6.1c last year (2016), they will not copy over because these options have been amended to ‘Product labeling regulations and standards’ and ‘Changing consumer behavior’ (US spelling). Please re-select ‘Product labeling regulations and standards’ and/or ‘Changing consumer behavior’ and check the rest of the copied information in the table.

CC6.1: Have you identified any inherent climate change opportunities that have the potential to generate a substantive change in your business operations, revenue or expenditure? Tick all that apply

* Opportunities driven by changes in regulation
* Opportunities driven by changes in physical climate parameters
* Opportunities driven by changes in other climate-related developments

Tick all categories of opportunities above that apply to your business. Opportunities can be:

* Currently being experienced or expected to arise in the future
* Being managed or newly identified
* Well understood or with high levels of uncertainty with regard to the likelihood of the risk materialising and the extent to which it will impact the business

*If “Opportunities driven by changes in regulation” is ticked in question CC6.1:*

CC6.1a: Please describe your inherent opportunities that are driven by changes in regulation

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Opportunity driver | Description | Potential impact | Timeframe | Direct/  Indirect | Likelihood | Magnitude of impact | Estimated financial implications | Management methods | Cost of management |
| Select from:   * International agreements * Air pollution limits * Carbon taxes * Cap and trade schemes * Emission reporting obligations * Fuel/energy taxes and regulations * Product efficiency regulations and standards * Product labelling regulations and standards * Voluntary agreements * General environmental regulations, including planning * Renewable energy regulation * Other regulatory drivers | Text field [maximum 2400 characters] | Select from:   * Reduced operational cost * Reduced capital cost * Increased demand for existing products/services * Premium price opportunities * Increased production capacity * Increase in capital availability * Increased stock price (market valuation) * New products/business services * Investment opportunities * Wider social benefits * Other, please specify | Select from:   * Up to 1 year * 1 to 3 years * 3 to 6 years * >6 years * Unknown | Select from:   * Direct * Indirect (Supply chain) * Indirect (Client) | Select from:   * Virtually certain * Very likely * Likely * More likely than not * About as likely as not * Unlikely * Very unlikely * Exceptionally unlikely * Unknown | Select from:   * High * Medium-high * Medium * Low-medium * Low * Unknown | Text field [maximum 1000 characters] | Text field [maximum 1500 characters] | Text field [maximum 1000 characters] |

If you have multiple opportunities, you can add them to the table by using the “Add Row” button to the bottom right.

*If “Opportunities driven by changes in physical climate parameters” is ticked in CC6.1:*

CC6.1b: Please describe your inherent opportunities that are driven by changes in physical climate parameters

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Opportunity driver | Description | Potential impact | Timeframe | Direct/  Indirect | Likelihood | Magnitude of impact | Estimated financial implications | Management methods | Cost of management |
| Select from:   * Change in mean (average) temperature * Change in temperature extremes * Change in mean (average) precipitation * Change in precipitation pattern * Change in precipitation extremes and droughts * Snow and ice * Induced changes in natural resources * Other physical climate opportunities | Text field [maximum 2400 characters] | Select from:   * Reduced operational costs * Reduced capital costs * Increased demand for existing products/services * Premium price opportunities * Increased production capacity * Increase in capital availability * Increased stock price (market valuation) * New product/business services * Investment opportunities * Wider social benefits * Other, please specify | Select from:   * Up to 1 year * 1 to 3 years * 3 to 6 years * >6 years * Unknown | Select from:   * Direct * Indirect (Supply chain) * Indirect (Client) | Select from:   * Virtually certain * Very likely * Likely * More likely than not * About as likely as not * Unlikely * Very unlikely * Exceptionally unlikely * Unknown | Select from:   * High * Medium-high * Medium * Low-medium * Low * Unknown | Text field [maximum 1000 characters] | Text field [maximum 1500 characters] | Text field [maximum 1000 characters] |

If you have multiple opportunities, you can add them to the table by using the “Add Row” button to the bottom right.

*If “Opportunities driven by changes in other climate-related developments” is ticked in CC6.1:*

CC6.1c: Please describe your inherent opportunities that are driven by changes in other climate-related developments

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Opportunity driver | Description | Potential impact | Timeframe | Direct/  Indirect | Likelihood | Magnitude of impact | Estimated financial implications | Management methods | Cost of management |
| Select from:   * Reputation * Changing consumer behavior * Induced changes in human and cultural environments * Fluctuating socio-economic conditions * Increasing humanitarian demands * Other drivers | Text field [maximum 2400 characters] | Select from:   * Reduced operational costs * Reduced capital costs * Increased demand for existing products/services * Premium price opportunities * Increased production capacity * Increase in capital availability * Increased stock price (market valuation) * New product/business services * Investment opportunities * Wider social benefits * Other, please specify | Select from:   * Up to 1 year * 1 to 3 years * 3 to 6 years * >6 years * Unknown | Select from:   * Direct * Indirect (Supply chain) * Indirect (Client) | Select from:   * Virtually certain * Very likely * Likely * More likely than not * About as likely as not * Unlikely * Very unlikely * Exceptionally unlikely * Unknown | Select from:   * High * Medium-high * Medium * Low-medium * Low * Unknown | Text field [maximum 1000 characters] | Text field [maximum 1500 characters] | Text field [maximum 1000 characters] |

If you have multiple opportunities, you can add them to the table by using the “Add Row” button to the bottom right.

*If “Opportunities driven by changes in regulation” is not ticked in CC6.1:*

CC6.1d: Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in regulation that have the potential to generate a substantive change in your business operations, revenue or expenditure [maximum 2400 characters]

*If “Opportunities driven by changes in physical climate parameters” is not ticked in CC6.1:*

CC6.1e: Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in physical climate parameters that have the potential to generate a substantive change in your business operations, revenue or expenditure [maximum 2400 characters]

*If “Opportunities driven by changes in other climate-related developments” is not ticked in CC6.1:*

CC6.1f: Please explain why you do not consider your company to be exposed to inherent opportunities driven by changes in other climate-related developments that have the potential to generate a substantive change in your business operations, revenue or expenditure [maximum 2400 characters]

|  |  |
| --- | --- |
|  | Emissions |
|  |

CC7. Emissions Methodology

**Pre-population**

If you responded to CDP last year, questions CC7.1, CC7.2, CC7.2a, CC7.3, and CC7.4 on this page are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page.

CC7.1: Please provide your base year and base year emissions (Scopes 1 and 2)

|  |  |  |
| --- | --- | --- |
| Scope | Base year | Base year emissions (metric tonnes CO2e) |
| Scope 1 | Use the calendar button or enter dates manually in the format DD/MM/YYYY in the “From” and “To” fields | Numerical field |
| Scope 2 (location-based) | Use the calendar button or enter dates manually in the format DD/MM/YYYY in the “From” and “To” fields | Numerical field |
| Scope 2 (market-based) | Use the calendar button or enter dates manually in the format DD/MM/YYYY in the “From” and “To” fields | Numerical field |

CC7.2: Please give the name of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions

Select from the options below in the drop down menu:

* ABI Energia Linee Guida
* Act on the Rational Use of Energy
* American Petroleum Institute Compendium of Greenhouse Gas Emissions Methodologies for the Oil and Natural Gas Industry, 2009
* Australia - National Greenhouse and Energy Reporting Act
* Bilan Carbone
* Brazil GHG Protocol Programme
* Canadian Association of Petroleum Producers, Calculating Greenhouse Gas Emissions, 2003
* China Corporate Energy Conservation and GHG Management Programme
* Defra Voluntary Reporting Guidelines
* ENCORD: Construction CO2e Measurement Protocol
* Energy Information Administration 1605B
* Environment Canada, Sulphur hexafluoride (SF6) Emission Estimation and Reporting Protocol for Electric Utilities
* Environment Canada, Aluminum Production, Guidance Manual for Estimating Greenhouse Gas Emissions
* Environment Canada, Base Metals Smelting/Refining, Guidance Manual for Estimating Greenhouse Gas Emissions
* Environment Canada, Cement Production, Guidance Manual for Estimating Greenhouse Gas Emissions
* Environment Canada, Primary Iron and Steel Production, Guidance Manual for Estimating Greenhouse Gas Emissions
* Environment Canada, Lime Production, Guidance Manual for Estimating Greenhouse Gas Emissions
* Environment Canada, Primary Magnesium Production and Casting, Guidance Manual for Estimating Greenhouse Gas Emissions
* Environment Canada, Metal Mining, Guidance Manual for Estimating Greenhouse Gas Emissions
* EPRA (European Public Real Estate Association) guidelines, 2011
* European Union Emission Trading Scheme (EU ETS): The monitoring and reporting Regulation (MMR) – General guidance for installations
* European Union Emission Trading Scheme (EU ETS): The monitoring and reporting Regulation (MMR) – General guidance for aircraft operators
* Hong Kong Environmental Protection Department, Guidelines to Account for and Report on Greenhouse Gas Emissions and Removals for Buildings, 2010
* ICLEI Local Government GHG Protocol
* India GHG Inventory Programme
* International Wine Industry Greenhouse Gas Protocol and Accounting Tool
* IPCC Guidelines for National Greenhouse Gas Inventories, 2006
* IPIECA's Petroleum Industry Guidelines for reporting GHG emissions, 2003
* IPIECA’s Petroleum Industry Guidelines for reporting GHG emissions, 2nd edition, 2011
* ISO 14064-1
* Japan Ministry of the Environment, Law Concerning the Promotion of the Measures to Cope with Global Warming, Superceded by Revision of the Act on Promotion of Global Warming Countermeasures (2005 Amendment)
* Korea GHG and Energy Target Management System Operating Guidelines
* New Zealand - Guidance for Voluntary, Corporate Greenhouse Gas Reporting
* Philippine Greenhouse Gas Accounting and Reporting Programme (PhilGARP)
* Programa GEI Mexico
* Regional Greenhouse Gas Initiative (RGGI) Model Rule
* Smart Freight Centre: GLEC Framework for Logistics Emissions Methodologies
* Taiwan - GHG Reduction Act
* Thailand Greenhouse Gas Management Organization: The National Guideline Carbon Footprint for organization
* The Climate Registry: Electric Power Sector (EPS) Protocol
* The Climate Registry: General Reporting Protocol
* The Climate Registry: Local Government Operations (LGO) Protocol
* The Climate Registry: Oil & Gas Protocol
* The Cool Farm Tool
* The GHG Indicator: UNEP Guidelines for Calculating Greenhouse Gas Emissions for Businesses and Non-Commercial Organizations
* The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
* The Greenhouse Gas Protocol Agricultural Guidance: Interpreting the Corporate Accounting and Reporting Standard for the Agricultural Sector
* The Greenhouse Gas Protocol: Public Sector Standard
* The Tokyo Cap-and Trade Program
* US EPA Climate Leaders: Direct Emissions from Iron and Steel Production[[1]](#footnote-1)
* US EPA Climate Leaders: Direct Emissions from Municipal Solid Waste Landfilling1
* US EPA Climate Leaders: Direct HFC and PFC Emissions from Manufacturing Refrigeration and Air Conditioning Equipment1
* US EPA Climate Leaders: Direct HFC and PFC Emissions from Use of Refrigeration and Air Conditioning Equipment1
* US EPA Climate Leaders: Indirect Emissions from Purchases/ Sales of Electricity and Steam1
* US EPA Climate Leaders: Direct Emissions from Stationary Combustion1
* US EPA Climate Leaders: Direct Emissions from Mobile Combustion Sources1
* US EPA Mandatory Greenhouse Gas Reporting Rule
* WBCSD: The Cement CO2 and Energy Protocol
* World Steel Association CO2 emissions data collection guidelines
* Other

You can make multiple entries, using the “Add Row” button to the bottom right.

CC7.2a: If you have selected "Other" in CC7.2 please provide details of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions [maximum 5000 characters]

**CC7.3: Please give the source for the global warming potentials you have used**

|  |  |
| --- | --- |
| Gas | Reference |
| Select from:   * CO2 * CH4 * N2O * HFCs * PFCs * SF6 * NF3   Other, please specify | Select from:   * IPCC Fifth Assessment Report (AR5 – 100 year) * IPCC Fourth Assessment Report (AR4 - 100 year) * IPCC Third Assessment Report (TAR - 100 year) * IPCC Second Assessment Report (SAR - 100 year) * IPCC Fourth Assessment Report (AR4 - 50 year) * IPCC Third Assessment Report (TAR - 50 year) * IPCC Second Assessment Report (SAR - 50 year) * IPCC Fifth Assessment Report (AR5 -20 year) * IPCC Fourth Assessment Report (AR4 - 20 year) * IPCC Third Assessment Report (TAR - 20 year) * IPCC Second Assessment Report (SAR - 20 year)   Other, please specify |

You can make multiple selections by using the “Add Row” button at the bottom right of the table.

CC7.4: Please give the emissions factors you have applied and their origin; alternatively, please attach an Excel spreadsheet with this data at the bottom of the page

|  |  |  |  |
| --- | --- | --- | --- |
| Fuel/Material/Energy | Emission Factor | Unit | Reference |
| Select from:  Anthracite; Asphalt/ bitumen; Aviation gasoline; Biodiesels; Biogas; Biogasoline; Bituminous coal; BKB; Blast furnace gas; Brown coal; Brown coal briquettes; Butane; Charcoal; Coke breeze; Coke oven coke; Coke oven gas; Coking coal; Cooling; Crude oil; Diesel/Gas oil; Distillate fuel oil No 1; Distillate fuel oil No 2; Distillate fuel oil No 3; Distillate fuel oil No 4; Distillate fuel oil No 5; Distillate fuel oil No 6; Electricity; Ethane; Gas works gas; Heat; Jet gasoline; Jet kerosene; Kerosene; Landfill gas; Lignite; Lignite coke; Liquefied Natural Gas (LNG); Liquefied petroleum gas (LPG); Lubricants; Metallurgical coke; Methane; Motor gasoline; Municipal waste; Naphtha; Natural gas; Oil shale and bitumen (oil sands); Orimulsion; Oxygen steel furnace gas; Patent fuel; Peat; Petroleum coke; Pitch; Propane; Refinery feedstocks; Refinery gas; Refuse-derived fuel; Residual fuel oil; Semi-coke; Shale oil; Sludge gas; Steam; Sub bituminous coal; Sulphite lyes (Black liquor); Tar; Town gas or city gas; Turpentine; Vegetable oils; Waste oils; Waste plastics; Waste tire derived fuels; Waxes; White spirit/ SBP; Wood or wood waste, Other, please specify | Numerical field | Select from:   * metric tonnes CO2e per m3 * metric tonnes CO2 per m3 * metric tonnes CO2e per liter * metric tonnes CO2 per liter * metric tonnes CO2e per MWh * metric tonnes CO2 per MWh * kg CO2e per liter * kg CO2 per liter * kg CO2e per MWh * kg CO2 per MWh * metric tonnes CO2e per GJ * metric tonnes CO2 per GJ * metric tonnes CO2e per metric tonne * metric tonnes CO2 per metric tonne * lb CO2e per 1000 ft3 * lb CO2 per 1000 ft3 * lb CO2e per gallon * lb CO2 per gallon * lb CO2e per barrel * lb CO2 per barrel * lb CO2e per million BTU * lb CO2 per million BTU * lb CO2e per short ton * lb CO2 per short ton * lb CO2e per MWh * lb CO2 per MWh * Other, please specify | Text field [maximum 2400 characters] |

If using the table in the ORS, use the “Add Row” button to the bottom right of the table to make multiple entries.

CC8. Emissions Data

**Pre-population**

None of the questions on this page are eligible for pre-population if you responded last year.

CC8.1: Please select the boundary you are using for your Scope 1 and 2 greenhouse gas inventory

Please select from the following options:

* Financial control
* Operational control
* Equity share
* Other, please specify

CC8.2: Please provide your gross global Scope 1 emissions figures in metric tonnes CO2e

CC8.3: Please describe your approach to reporting Scope 2 emissions

|  |  |  |
| --- | --- | --- |
| Scope 2, location-based | Scope 2, market-based | Comment |
| Select from:   * We are reporting a Scope 2, location-based figure * We are not reporting a Scope 2, location-based figure | Select from:   * We are reporting a Scope 2, market-based figure * We have no operations where we are able to access electricity supplier emissions factors or residual emissions factors and are unable to report a Scope 2, market-based figure * We have operations where we are able to access electricity supplier emissions factors or residual emissions factors, but are unable to report a Scope 2, market-based figure | Text field [maximum 2400 characters] |

CC8.3a Please provide your gross global Scope 2 emissions figures in metric tonnes CO2e

|  |  |  |
| --- | --- | --- |
| Scope 2, location-based | Scope 2, market-based (if applicable) | Comment |
| Numerical field | Numerical field | Text field [maximum 2400 characters] |

CC8.4: Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?

Please select from:

* Yes
* No

*If “Yes” is selected in question CC8.4:*

CC8.4a: Please provide details of the sources of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source | Relevance of Scope 1 emissions from this source | Relevance of location-based Scope 2 emissions from this source | Relevance of market-based Scope 2 emissions from this source (if applicable) | Explain why the source is excluded |
| Text field [maximum 2400 characters] | Select from:   * No emissions excluded * No emissions from this source * Emissions are not relevant * Emissions are relevant but not yet calculated * Emissions are relevant and calculated but not disclosed * Emissions excluded due to recent acquisition * Emissions are not evaluated | Select from:   * No emissions excluded * No emissions from this source * Emissions are not relevant * Emissions are relevant but not yet calculated * Emissions are relevant and calculated but not disclosed * Emissions excluded due to recent acquisition * Emissions are not evaluated | Select from:   * No emissions excluded * No emissions from this source * Emissions are not relevant * Emissions are relevant but not yet calculated * Emissions are relevant and calculated but not disclosed * Emissions excluded due to recent acquisition * Emissions are not evaluated | Text field [maximum 2400 characters] |

You can enter multiple sources of exclusions into the table using the “Add Row” button at the bottom right of the table.

CC8.5: Please estimate the level of uncertainty of the total gross global Scope 1 and 2 emissions figures that you have supplied and specify the sources of uncertainty in your data gathering, handling and calculations

|  |  |  |  |
| --- | --- | --- | --- |
| Source | Uncertainty range | Main sources of uncertainty | Please expand on the uncertainty in your data |
| Scope 1 | Select from:   * Less than or equal to 2% * More than 2% but less than or equal to 5% * More than 5% but less than or equal to 10% * More than 10% but less than or equal to 20% * More than 20% but less than or equal to 30% * More than 30% but less than or equal to 40% * More than 40% but less than or equal to 50% * More than 50% but less than or equal to 60% * More than 60% but less than or equal to 70% * More than 70% but less than or equal to 80% * More than 80% but less than or equal to 90% * More than 90% but less than or equal to 100% * Greater than 100% | Select from:   * Data Gaps * Assumptions * Extrapolation * Metering/ Measurement Constraints * Sampling * Data Management * No Sources of Uncertainty * Other, please specify | * Text field [maximum 2400 characters] |
| Scope 2 (location-based) | Select from:   * Less than or equal to 2% * More than 2% but less than or equal to 5% * More than 5% but less than or equal to 10% * More than 10% but less than or equal to 20% * More than 20% but less than or equal to 30% * More than 30% but less than or equal to 40% * More than 40% but less than or equal to 50% * More than 50% but less than or equal to 60% * More than 60% but less than or equal to 70% * More than 70% but less than or equal to 80% * More than 80% but less than or equal to 90% * More than 90% but less than or equal to 100% * Greater than 100% | Select from:   * Data Gaps * Assumptions * Extrapolation * Metering/ Measurement Constraints * Sampling * Data Management * No Sources of Uncertainty   Other, please specify | Text field [maximum 2400 characters] |
| Scope 2 (market-based) | Select from:   * Less than or equal to 2% * More than 2% but less than or equal to 5% * More than 5% but less than or equal to 10% * More than 10% but less than or equal to 20% * More than 20% but less than or equal to 30% * More than 30% but less than or equal to 40% * More than 40% but less than or equal to 50% * More than 50% but less than or equal to 60% * More than 60% but less than or equal to 70% * More than 70% but less than or equal to 80% * More than 80% but less than or equal to 90% * More than 90% but less than or equal to 100% * Greater than 100% | Select from:   * Data Gaps * Assumptions * Extrapolation * Metering/ Measurement Constraints * Sampling * Data Management * No Sources of Uncertainty   Other, please specify | Text field [maximum 2400 characters] |

CC8.6: Please indicate the verification/assurance status that applies to your reported Scope 1 emissions

Please select from:

* No emissions data provided
* No third party verification or assurance
* No third party verification or assurance – regulatory CEMS required
* Third party verification or assurance process in place

*If “Third party verification or assurance process in place” is selected in question CC8.6:*

CC8.6a: Please provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Verification or assurance cycle in place | Status in the current reporting year | Type of verification or assurance | Attach the document | Page/  section reference | Relevant standard | Proportion of reported Scope 1 emissions verified (%) |
| Select from:   * Annual process * Biennial process * Triennial process | Select from:   * No verification or assurance of current reporting year * First year it has taken place * Underway but not complete for reporting year-previous statement of process attached * Complete | Select from:   * Not applicable * Limited assurance * Moderate assurance * Reasonable assurance * High assurance * Third party verification/ assurance underway | Attach document (see ORS)  Under 5MB | Text field [maximum 500 characters] | Select from:   * A1000AS * Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET) * Airport Carbon Accreditation (ACA) des Airports Council International Europe * Alberta Specified Gas Emitters Regulation (SGER) * ASAE3000 * Attestation standards established by AICPA (AT101) * Australian National GHG emission regulation (NGER) * California Mandatory GHG Reporting Regulations (CARB) * Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025 * CCX verification standard * Certified emissions measurement and reduction scheme (CEMARS) * Chicago Climate Exchange verification standard * Compagnie Nationale des Commissaires aux Comptes (CNCC) * Corporate GHG verification guidelines from ERT * DNV Verisustain Protocol/ Verification Protocol for Sustainability Reporting * Earthcheck Certification * ERM GHG Performance Data Assurance Methodology * European Union Emissions Trading System (EU ETS) * ISAE3000 * ISAE 3410 * ISO14064-3 * Japan voluntary emissions trading scheme (JVETS) guideline for verification * Korean GHG and energy target management system * RevR6 procedure for assurance of sustainability report * Saitama Prefecture Target-Setting Emissions Trading Program * SGS Sustainability Report Assurance * Spanish Institute of Registered Auditors (ICJCE) * Standard 3810N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants * State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document * Swiss Climate CO2 Label for Businesses * Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol * The Climate Registry's General Verification Protocol * Tokyo cap-and-trade guideline for verification * Verification as part of Carbon Trust standard certification * Other, please specify | Numerical field |

If you wish to complete multiple rows, use the “Add Row” button to the bottom right of the table. See below for instructions on how to complete the columns

*If “No third party verification or assurance – regulatory CEMS required” is selected in question CC8.6:*

CC8.6b: Please provide further details of the regulatory regime to which you are complying that specifies the use of Continuous Emissions Monitoring Systems (CEMS)

|  |  |  |  |
| --- | --- | --- | --- |
| Regulation | % of emissions covered by the system | Compliance period | Evidence of submission |
| Select from:   * CFR 40 Part 75 * Other, please specify | Numerical field | Use the calendar button or enter dates manually in the format DD/MM/YYYY in the “From” and “To” fields. | Attach document  Under 5MB |

CC8.7: Please indicate the verification/assurance status that applies to at least one of your reported Scope 2 emissions

Please select from:

* No emissions data provided
* No third party verification or assurance
* Third party verification or assurance process in place

*If “Third party verification or assurance process in place” is selected for question CC8.6:*

CC8.7a: Please provide further details of the verification/assurance undertaken for your location-based and/or market-based Scope 2 emissions, and attach the relevant statements

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Location-based or market-based figure? | Verification or assurance cycle in place | Status in the current reporting year | Type of verification or assurance | Attach the document | Page/  section reference | Relevant standard | Proportion of reported Scope 2 emissions verified (%) |
| Select from:   * Location-based * Market-based | Select from:   * Annual process * Biennial process * Triennial process | Select from:   * No verification or assurance of current reporting year * First year it has taken place * Underway but not complete for reporting year – previous statement of process attached * Complete | Select from:   * Not applicable * Limited assurance * Moderate assurance * Reasonable assurance * High assurance * Third party verification/ assurance underway | Attach document (see ORS)  Under 5MB | Text field | Select from:   * A1000AS * Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET) * Airport Carbon Accreditation (ACA) des Airports Council International Europe * Alberta Specified Gas Emitters Regulation (SGER) * ASAE3000 * Attestation standards established by AICPA (AT101) * Australian National GHG emission regulation (NGER) * California Mandatory GHG Reporting Regulations (CARB) * Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025 * CCX verification standard * Certified emissions measurement and reduction scheme (CEMARS) * Chicago Climate Exchange verification standard * Compagnie Nationale des Commissaires aux Comptes (CNCC) * Corporate GHG verification guidelines from ERT * DNV Verisustain Protocol/ Verification Protocol for Sustainability Reporting * Earthcheck Certification * ERM GHG Performance Data Assurance Methodology * European Union Emissions Trading System (EU ETS) * ISAE3000 * ISAE 3410 * ISO14064-3 * Japan voluntary emissions trading scheme (JVETS) guideline for verification * Korean GHG and energy target management system * RevR6 procedure for assurance of sustainability report * Saitama Prefecture Target-Setting Emissions Trading Program * SGS Sustainability Report Assurance * Spanish Institute of Registered Auditors (ICJCE) * Standard 3410N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants * State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document * Swiss Climate CO2 Label for Businesses * Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol * The Climate Registry's General Verification Protocol * Tokyo cap-and-trade guideline for verification * Verification as part of Carbon Trust standard certification * Other, please specify | Numerical field |

If you wish to complete multiple rows, use the “Add Row” button to the bottom right of the table.

CC8.8: Please identify if any data points have been verified as part of the third party verification work undertaken, other than the verification of emissions figures reported in CC8.6, CC8.7 and CC14.2

|  |  |
| --- | --- |
| Additional data points verified | Comment |
| Select from:   * Year on year change in emissions (Scope 1) * Year on year change in emissions (Scope 2) * Year on year change in emissions (Scope 1 and 2) * Year on year change in emissions (Scope 3) * Year on year emissions intensity figure * Financial or other based data points used to set a science-based target * Progress against emissions reduction target * Change in Scope 1 emissions against a base year (not target related) * Change in Scope 2 emissions against a base year (not target related) * Change in Scope 3 emissions against a base year (not target related) * Product footprint verification * Emissions reduction activities * Renewable energy products * No additional data verified * Don’t know * Other, please specify | Text field [maximum 1500 characters] |

Use the “Add Row” button to the bottom right of the table to enter multiple rows.

CC8.9: Are carbon dioxide emissions from biologically sequestered carbon relevant to your organization?

Please select from:

* Yes
* No

*If “Yes” is selected in question CC8.9:*

CC8.9a: Please provide the emissions from biologically sequestered carbon relevant to your organization in metric tonnes CO2

CC9. Scope 1 Emissions Breakdown

**Pre-population**

If you responded to CDP last year, questions CC9.1 and CC9.2, and column 1 in questions CC9.1a, CC9.2a, CC9.2b, CC9.2c, and CC9.2d on this page are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page. For questions CC9.1a, CC9.2a, CC9.2b, CC9.2c, and CC9.2d, please note that the country/region, business division, facility, GHG type, and/or activity structure you supplied last year will be populated into column 1 but that you will need to manually enter the relevant emissions data for this year into the respective tables you have selected to copy from last year.

**CC9.1: Do you have Scope 1 emissions sources in more than one country?**

Please select from:

* Yes
* No

*If “Yes” is selected in question CC9.1:*

CC9.1a: Please break down your total gross global Scope 1 emissions by country/region

|  |  |
| --- | --- |
| Country/Region | Scope 1 metric tonnes CO2e |
| Select from country drop down list | Numerical field |

Use the “Add Row” button to the bottom right of the table to enter multiple rows.

CC9.2: Please indicate which other Scope 1 emissions breakdowns you are able to provide (tick all that apply)

Please select from:

* By business division
* By facility
* By GHG type
* By activity

*Questions CC9.2a–CC9.2d will be presented relative to the selected Scope 1 emission breakdowns selected in question CC9.2.*

*If “By business division” is ticked in question CC9.2:*

CC9.2a: Please break down your total gross global Scope 1 emissions by business division

|  |  |
| --- | --- |
| Business division | Scope 1 emissions (metric tonnes CO2e) |
| Text field | Numerical field |

Use the “Add Row” button to the bottom right of the table to enter multiple rows.

*If “By facility” is ticked in question CC9.2:*

CC9.2b: Please break down your total gross global Scope 1 emissions by facility

|  |  |  |  |
| --- | --- | --- | --- |
| Facility | Scope 1 emissions (metric tonnes CO2e) | Latitude | Longitude |
| Text field | Numerical field | Numerical field | Numerical field |

Use the “Add Row” button to the bottom right of the table to enter multiple rows.

*If “By GHG type” is ticked in question CC9.2:*

CC9.2c: Please break down your total gross global Scope 1 emissions by GHG type

|  |  |
| --- | --- |
| GHG type | Scope 1 emissions (metric tonnes CO2e) |
| Select from:   * CO2 * CH4 * N2O * HFCs * PFCs * SF6 * NF3 * Other, please specify | Numerical field  . |

Use the “Add Row” button to the bottom right of the table to enter multiple rows.

*If “By activity” is ticked in question CC9.2:*

CC9.2d: Please break down your total gross global Scope 1 emissions by activity

|  |  |
| --- | --- |
| Activity | Scope 1 emissions (metric tonnes CO2e) |
| Text field | Numerical field |

Use the “Add Row” button to the bottom right of the table to enter multiple rows.

CC10. Scope 2 Emissions Breakdown

**Pre-population**

If you responded to CDP last year, question CC10.1 and CC10.2, and column 1 in questions CC10.1a, CC10.2a, CC10.2b, and CC10.2c on this page are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on the page. For questions CC10.1a, CC10.2a, CC10.2b, and CC10.2c please note that the country/region, business division, facility, and/or activity structure you supplied last year will be populated into column 1 but that you will need to manually enter the relevant emissions data for this year into the respective tables you have selected to copy from last year.

CC10.1: Do you have Scope 2 emissions sources in more than one country?

Please select from:

* Yes
* No

*If “Yes” is selected in question CC10.1:*

CC10.1a: Please break down your total gross global Scope 2 emissions and energy consumption by country/region

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Country/Region | Scope 2, location-based emissions (metric tonnes CO2e) | Scope 2, market-based emissions (metric tonnes CO2e) | Purchased and consumed electricity, heat, steam or cooling (MWh) | Purchased and consumed low carbon electricity, heat, steam or cooling (MWh) |
| Select from a drop down list of countries and regions. | Numerical field | Numerical field | Numerical field | Numerical field |

You can make multiple entries into the table, using the “Add Row” button to the bottom right.

CC10.2: Please indicate which other Scope 2 emissions breakdowns you are able to provide (tick all that apply)

Please select from:

* By business division
* By facility
* By activity

*Questions CC10.2a–CC10.2c will be presented relative to the selected Scope 2 emission breakdowns in question CC10.2.*

*If you have ticked “By business division” in question CC10.2:*

CC10.2a: Please break down your total gross global Scope 2 emissions by business division

|  |  |  |
| --- | --- | --- |
| Business division | Scope 2, location-based emissions (metric tonnes CO2e) | Scope 2, market-based emissions (metric tonnes CO2e) |
| Text field | Numerical field | Numerical field |

Use the “Add Row” button to the bottom right of the table to enter multiple rows

*If you have ticked “By facility” in question CC10.2:*

CC10.2b: Please break down your total gross global Scope 2 emissions by facility

|  |  |  |
| --- | --- | --- |
| Facility | Scope 2 location-based emissions (metric tonnes CO2e) | Scope 2, market-based emissions (metric tonnes CO2e) |
| Text field | Numerical field | Numerical field |

Use the “Add Row” button to the bottom right of the table to enter multiple rows

*If you have ticked “By activity” in question CC10.2:*

CC10.2c: Please break down your total gross global Scope 2 emissions by activity

|  |  |  |
| --- | --- | --- |
| Activity | Scope 2 location-based emissions (metric tonnes CO2e) | Scope 2, market-based emissions (metric tonnes CO2e) |
| Text field | Numerical field | Numerical field |

Use the “Add Row” button to the bottom right of the table to enter multiple rows

CC11. Energy

**Pre-population**

None of the questions on this page are eligible for pre-population if you responded last year.

CC11.1: What percentage of your total operational spend in the reporting year was on energy?

Please select from the following options in the drop down menu:

* 0%
* More than 0% but less than or equal to 5%
* More than 5% but less than or equal to 10%
* More than 10% but less than or equal to 15%
* More than 15% but less than or equal to 20%
* More than 20% but less than or equal to 25%
* More than 25% but less than or equal to 30%
* More than 30% but less than or equal to 35%
* More than 35% but less than or equal to 40%
* More than 40% but less than or equal to 45%
* More than 45% but less than or equal to 50%
* More than 50% but less than or equal to 55%
* More than 55% but less than or equal to 60%
* More than 60% but less than or equal to 65%
* More than 65% but less than or equal to 70%
* More than 70% but less than or equal to 75%
* More than 75% but less than or equal to 80%
* More than 80% but less than or equal to 85%
* More than 85% but less than or equal to 90%
* More than 90% but less than or equal to 95%
* More than 95% but less than or equal to 100%

CC11.2: Please state how much heat, steam, and cooling in MWh your organization has purchased and consumed during the reporting year

|  |  |
| --- | --- |
| Energy type | MWh |
| Heat | Numerical field |
| Steam | Numerical field |
| Cooling | Numerical field |

CC11.3: Please state how much fuel in MWh your organization has consumed (for energy purposes) during the reporting year.

CC11.3a: Please complete the table by breaking down the total “Fuel” figure entered above by fuel type

|  |  |
| --- | --- |
| Fuels | MWh |
| Select from:  No fuel consumed; Anthracite; Asphalt/ bitumen; Aviation gasoline; Biodiesels; Biogas; Biogasoline; Bituminous coal; BKB; Blast furnace gas; Brown coal; Brown coal briquettes; Butane; Charcoal; Coke breeze; Coke oven coke; Coke oven gas; Coking coal; Crude oil; Diesel/Gas oil; Distillate fuel oil No 1; Distillate fuel oil No 2; Distillate fuel oil No 3; Distillate fuel oil No 4; Distillate fuel oil No 5; Distillate fuel oil No 6; Ethane; Gas works gas; Jet gasoline; Jet kerosene; Kerosene; Landfill gas; Lignite; Lignite coke; Liquefied Natural Gas (LNG); Liquefied petroleum gas (LPG); Lubricants; Metallurgical coke; Methane; Motor gasoline; Municipal waste; Naphtha; Natural gas; Oil shale and bitumen (oil sands); Orimulsion; Oxygen steel furnace gas; Patent fuel; Peat; Petroleum coke; Pitch; Propane; Refinery feedstocks; Refinery gas; Refuse-derived fuel; Residual fuel oil; Semi-coke; Shale oil; Sludge gas; Sub bituminous coal; Sulphite lyes (Black liquor); Tar; Town gas or city gas; Turpentine; Vegetable oils; Waste oils; Waste plastics; Waste tire derived fuels; Waxes; White spirit/ SBP; Wood or wood waste; Other, please specify | Numerical field |

To add more rows to the table, please use the “Add Row” button to the bottom right.

CC11.4: Please provide details of the electricity, heat, steam or cooling amounts that were accounted at a low carbon emission factor in the market-based Scope 2 figure you provided in CC8.3a

Please note: If renewable energy has been accounted for in question CC12.1, question CC11.4 must have been completed

|  |  |  |  |
| --- | --- | --- | --- |
| Basis for applying a low carbon emission factor | MWh consumed associated with low carbon electricity, heat, steam or cooling | Emissions factor (in units of metric tonnes CO2e per MWh) | Comments |
| Select from:   * No purchases or generation of low carbon electricity, heat, steam or cooling accounted with a low carbon emissions factor * Off-grid energy consumption from an on-site installation or through a direct line to an off-site generator owned by another company * Direct procurement contract with a grid-connected generator or Power Purchase Agreement (PPA), supported by energy attribute certificates * Direct procurement contract with a grid-connect generator or Power Purchase Agreement (PPA), where electricity attribute certificates do not exist or are not required for a usage claim * Contract with suppliers or utilities supported by energy attribute certificates * Contract with suppliers or utilities, with a supplier-specific emission rate, not backed by electricity attribute certificates * Energy attribute certificates, Guarantees of Origin * Energy attribute certificates, Renewable Energy Certificates (RECs) * Energy attribute certificates, I-RECs * Other (specify in the “Comments” column) | Numerical field | Numerical field | Text field [maximum 2400 characters] |

Use the “Add Row” button to the bottom right of the table to enter multiple rows.

**CC11.5: Please report how much electricity you produce in MWh, and how much electricity you consume in MWh**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Total electricity consumed (MWh) | Consumed electricity that is purchased (MWh) | Total electricity produced (MWh) | Total renewable electricity produced (MWh) | Consumed renewable electricity that is produced by company (MWh) | Comment |
| Numerical field | Numerical field | Numerical field | Numerical field | Numerical field | Text field [maximum 1500 characters] |

CC12. Emissions Performance

**Pre-population**

None of the questions on this page are eligible for pre-population if you responded last year.

CC12.1: How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to the previous year?

Please select from:

* Increased
* Decreased
* No change
* This is our first year of estimation
* We don’t have any emissions data

*If “Increased”, “Decreased” or “No change” is selected in response to question CC12.1:*

CC12.1a: Please identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined) and for each of them specify how your emissions compare to the previous year

|  |  |  |  |
| --- | --- | --- | --- |
| Reason | Emissions value (percentage) | Direction of change | Please explain and include calculation |
| Emissions reduction activities | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Divestment | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Acquisitions | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Mergers | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Change in output | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Change in methodology | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Change in boundary | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Change in physical operating conditions | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Unidentified | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |
| Other | Numerical field | Select from:   * Increase * Decrease | Text field [maximum 2400 characters] |

*If “Increased”, “Decreased” or “No change” is selected in response to question CC12:*

CC12.1b: Is your emissions performance calculations in CC12.1 and CC12.1a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Please select from:

* Location-based
* Market-based
* Don’t know

CC12.2: Please describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tonnes CO2e per unit currency total revenue.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Intensity figure = | Metric numerator (Gross global combined Scope 1 and 2 emissions) | Metric denominator:  Unit total revenue | Scope 2 figure used | % change from previous year | Direction of change from previous year | Reason for change |
| Numerical field | Metric tonnes CO2e | Numerical field | Select from:   * Location-based * Market-based | Numerical field | Select from:   * Increase * Decrease * No change * N/A | Text field [maximum 2400 characters] |

**CC12.3: Please provide an additional intensity (normalized) metric that is appropriate to your business operations**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Intensity figure = | Metric numerator (Gross global combined Scope 1 and 2 emissions) | Metric denominator | Metric denominator:  Unit total | Scope 2 figure used | % change from previous year | Direction of change from previous year | Reason for change |
| Numerical field | Metric tonnes CO2e | Select from:   * Full time equivalent (FTE) employee * unit hour worked * metric tonne of product * liter of product * unit of production * unit of service provided * square foot * square meter * kilometer * passenger kilometer * room night produced * megawatt hour (MWh) * barrel of oil equivalent (BOE) * vehicle produced * tonne of aluminum * tonne of ore processed * ounce of gold * ounce of platinum * tonne of aggregate * tonne of steel * billion (currency) funds under management * Other, please specify | Numerical field | Select from:   * Location-based * Market-based | Numerical field | Select from:   * Increase * Decrease * No change * N/A | Text field [maximum 2400 characters] |

To add more rows to the table, please use the “Add Row” button to the bottom right.

CC13. Emissions Trading

**Pre-population**

None of the questions on this page are eligible for pre-population if you responded last year.

CC13.1: Do you participate in any emissions trading schemes?

Please select the options below in the drop down menu:

* Yes
* No, but we anticipate doing so in the next 2 years
* No, and we do not currently anticipate doing so in the next 2 years

*If “Yes” is selected in question CC13.1*:

CC13.1a: Please complete the following table for each of the emission trading schemes in which you participate

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Scheme name | Period for which data is supplied | Allowances allocated | Allowances purchased | Verified emissions in metric tonnes CO2e | Details of ownership |
| Select from:   * Alberta Emissions Trading Regulation * California's Greenhouse Gas Cap and Trade Program * European Union ETS * Japan Voluntary ETS * Korea ETS * New Zealand ETS * Regional Greenhouse Gas Initiative * Tokyo Cap-and-Trade * Other, please specify | Use the calendar button or enter dates manually in the format DD/MM/YYYY in the “From” and “To” fields. | Numerical field | Numerical field | Numerical field | Select from:   * Facilities we own and operate * Facilities we own but do not operate * Facilities we operate but do not own * Other, please specify |

You can enter multiple rows using the “Add Row” button at the bottom right of the table, to enter data for individual schemes and/or individual years.

*If “Yes” or “No, but we anticipate doing so within the next 2 years” is selected in question CC13.1:*

CC13.1b: What is your strategy for complying with the schemes in which you participate or anticipate participating? [maximum 5000 characters]

CC13.2: Has your organization originated any project-based carbon credits or purchased any within the reporting period?

Please select from:

* Yes
* No

*If “Yes” is selected for question CC13.2:*

**CC13.2a: Please provide details on the project-based carbon credits originated or purchased by your organization in the reporting period**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Credit origination or credit purchase | Project type | Project identification | Verified to which standard | Number of credits (metric tonnes CO2e) | Number of credits (metric tonnes CO2e): Risk adjusted volume | Credits cancelled | Purpose, e.g. compliance |
| Text field | Select from:   * Agriculture * Biomass energy * Cement * CO2 usage * Coal mine/bed CH4 * Energy distribution * Energy efficiency: households * Energy efficiency: industry * Energy efficiency: own generation * Energy efficiency: service * Energy efficiency: supply side * Forests * Fossil fuel switch * Fugitive * Geothermal * HFCs * Hydro * Landfill gas * Methane avoidance * N20 * PFCs and SF6 * Solar * Tidal * Transport * Wind * Other, please specify | Text field [maximum 2400 characters] | Select from:   * CDM (Clean Development Mechanism) * JI (Joint Implementation) * Gold Standard * VCS (Verified Carbon Standard) * VER+ (TÜV SÜD standard) * CAR (The Climate Action Reserve) * CCBS (developed by the Climate, Community and Biodiversity Alliance, CCBA) * Plan Vivo * Not yet verified * Other, please specify | Numerical field | Numerical field | Select from:   * Yes * No * Not relevant | Select from:   * Compliance * Voluntary Offsetting * Not applicable * Other, please specify |

You can enter multiple rows by selecting the “Add Row” button to the bottom right.

CC14. Scope 3 Emissions

**Pre-population**

None of the questions on this page are eligible for pre-population if you responded last year.

CC14.1: Please account for your organization’s Scope 3 emissions, disclosing and explaining any exclusions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sources of Scope 3 emissions | Evaluation status | Metric tonnes CO2e | Emissions calculation methodology | Percentage of emissions calculated using data obtained from suppliers or value chain suppliers | Explanation |
| Purchased goods and services | Select from:   * Relevant, calculated * Relevant, not yet calculated * Not relevant, calculated * Not relevant, explanation provided * Not evaluated | Numerical field | Text field [maximum 2400 characters] | Numerical field | Text field [maximum 2400 characters]  This is to be completed for all sources you have identified as “Not relevant, explanation provided” in the Evaluation Status column. |
| Capital goods |
| Fuel-and-energy-related activities (not included in Scope 1 or 2) |
| Upstream transportation and distribution |
| Waste generated in operations |
| Business travel |
| Employee commuting |
| Upstream leased assets |
| Downstream transportation and distribution |
| Processing of sold products |
| Use of sold products |
| End of life treatment of sold products |
| Downstream leased assets |
| Franchises |
| Investments |
| Other (upstream) |
| Other (downstream) |

CC14.2: Please indicate the verification/assurance status that applies to your reported Scope 3 emissions

Please select from:

* No emissions data provided
* No third party verification or assurance
* Third party verification or assurance process in place

*If “Third party verification or assurance process in place” is selected in question CC14.2:*

CC14.2a: Please provide further details of the verification/assurance undertaken, and attach the relevant statements

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Verification or assurance cycle in place | Status in the current reporting year | Type of verification or assurance | Attach the statement | Page/section reference | Relevant standard | Proportion of reported Scope 3 emissions verified (%) |
| Select from:   * Annual process * Biennial process * Triennial process | Select from:   * No verification or assurance of current reporting year * First year it has taken place * Underway but not complete for reporting year – previous statement of process attached * Complete | Select from:   * Not applicable * Limited assurance * Moderate assurance * Reasonable assurance * High assurance * Third party verification/assurance underway | Attach document (see ORS)  Under 5MB | Text field [maximum 500 characters] | Select from:   * AA1000AS * Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET) * Airport Carbon Accreditation (ACA) des Airports Council International Europe * Alberta Specified Gass Emitters Regulation (SGER) * ASAE3000 * Assurance Standard 3410N * Attestation standards established by AICPA (AT101) * Australian National GHG emission regulation (NGER) * California Mandatory GHG Reporting Regulations (CARB) * Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025 * CCX verification standard * Certified emissions measurement and reduction scheme (CEMARS) * Chicago Climate Exchange verification standard * Compagnie Nationale des Commissaires aux Comptes (CNCC) * Corporate GHG verification guidelines from ERT * DNV Verisustain Protocol/ Verification Protocol for Sustainability Reporting * Earthcheck Ceritfication * ERM GHG Performance Data Assurance Methodology * European Union Emissions Trading System (EU ETS) * ISAE3000 * ISAE 3410 * ISO14064-3 * Japan voluntary emissions trading scheme (JVETS) guideline for verification * Korean GHG and energy target management system * RevR6 procedure for assurance of sustainability report * Saitama Prefecture Target-Setting Emissions Trading Program * SGS Sustainability Report Assurance * Spanish Institute of Registered Auditors (ICJCE) * Standard 3410N Assurance enegagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants * State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document * Swiss Climate CO2 Label for Businesses * Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol * The Climate Registry's General Verification Protocol * Tokyo cap-and-trade guideline for verification * Verification as part of Carbon Trust standard certification * Other, please specify | Numerical field |

CC14.3: Are you able to compare your Scope 3 emissions for the reporting year with those for the previous year for any sources?

Please select from:

* Yes
* No, this is our first year of estimation
* No, we don’t have any emissions data

*If “Yes” is selected in question CC14.3:*

CC14.3a: Please identify the reasons for any change in your Scope 3 emissions and for each of them specify how your emissions compare to the previous year

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sources of Scope 3 emissions | Reason for change | Emissions value (%) | Direction of change | Comment |
| Select from:   * Purchased goods & services * Capital goods * Fuel- and energy-related activities (not included in Scopes 1 or 2) * Upstream transportation & distribution * Waste generated in operations * Business travel * Employee commuting * Upstream leased assets * Investments * Downstream transportation and distribution * Processing of sold products * Use of sold products * End-of-life treatment of sold products * Downstream leased assets * Franchises * Other (upstream) * Other (downstream) | Select from:   * Emissions reduction activities * Divestment * Acquisitions * Mergers * Change in output * Change in methodology * Change in boundary * Change in physical operating conditions * Unidentified * Other, please specify | Numerical field | Select from:   * Increase * Decrease * No change | Text field [maximum 2400 characters] |

CC14.4: Do you engage with any of the elements of your value chain on GHG emissions and climate change strategies? (Tick all that apply)

* Yes, our suppliers
* Yes, our customers
* Yes, other partners in the value chain
* No, we do not engage

*If “Yes, our customers” or “Yes, other partners in the value chain” is ticked in question CC14.4:*

CC14.4a: Please give details of methods of engagement, your strategy for prioritizing engagements and measures of success [maximum 5000 characters]

*If “Yes, our suppliers” is ticked in question CC14.4:*

CC14.4b: To give a sense of scale of this engagement, please give the number of suppliers with whom you are engaging and the proportion of your total spend that they represent

|  |  |  |  |
| --- | --- | --- | --- |
| Type of engagement | Number of suppliers | % of total spend (direct and indirect) | Impact of engagement |
| Select from:   * Compliance * Active engagement * Collaboration/ innovation * Emissions reduction incentives * Other, please specify | Numerical field | Numerical field | Text field [maximum 2400 characters] |

*If “No, we do not engage” is ticked in response to CC14.4:*

CC14.4c: Please explain why you do not engage with any elements of your value chain on GHG emissions and climate change strategies, and any plans you have to develop an engagement strategy in the future [maximum 5000 characters]

|  |  |
| --- | --- |
|  | Sign off |
|  |

CC15. Sign off

**Pre-population**

The question on this page is not eligible for pre-population if you responded last year.

**CC15.1: Please provide the following information for the person that has signed off (approved) the CDP climate change response**

|  |  |  |
| --- | --- | --- |
| Name | Job title | Corresponding job category |
| Text field [maximum 200 characters] | Text field [maximum 200 characters] | Select from:   * Board chairman * Board/Executive board * Director on board * Chief Executive Officer (CEO) * Chief Financial Officer (CFO) * Chief Operating Officer (COO) * Other C-Suite Officer * President * Business unit manager * Energy manager * EHS manager * Environment/Sustainability manager * Facilities manager * Process operation manager * Procurement manager * Public affairs manager * Risk manager * Other, please specify |

|  |  |
| --- | --- |
|  | Supply chain module |
|  |

**SM0. Introduction**

**Pre-population**

If you responded to CDP last year, question SM0.0, SM0.2, and SM0.2a are eligible for pre-population. To take advantage of this function, click “copy from last year” prior to entering any data on this page.

**SM0.0: If you would like to do so, please take this opportunity to provide a separate introduction to this module** [maximum 5000 characters]

**SM0.1: Please could you indicate your company’s annual revenue for the stated reporting period?**

|  |  |
| --- | --- |
| Annual revenue | Currency |
| Numerical field | Drop down menu of currencies |

**SM0.2: Do you have an ISIN for your company that you would be willing to share with CDP?**

Please select from:

* Yes
* No

*If “Yes” was selected in question SM0.2:*

**SM0.2a: Please use the table below to share your ISIN**

|  |  |
| --- | --- |
| ISIN country code (2 letters) | ISIN numeric identifier and single check digit (10 numbers overall) |
| Text field [2 letters] | Numerical field |

**SM1. Allocating your emissions to your customers**

**Pre-population**

None of the questions on this page are eligible for pre-population if you responded last year.

**SM1.1: Please allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period**

**Please note:** This table is designed so that only the customer that you select in column 1 will be able to see the data relevant to them. If you enter an answer in the ORS without selecting a requesting member, your answer will not be viewable at all.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Please select the  requesting  member(s) | Scope of  emissions | Emissions in metric tonnes of CO2e | Uncertainty  (± %) | Major sources of emissions | Verified | Allocation method | Please explain how you have identified the GHG source, including major limitations to this process and  assumptions made |
| Dropdown menu of requesting members | Select from:   * Scope 1 * Scope 2 * Scope 3 | Numerical field | Numerical field | Text field [maximum 2500 characters] | Select from:   * Yes * No | Select from:   * Allocation not necessary due to type of primary data available * Allocation not necessary as secondary data used * Allocation based on mass of products purchased * Allocation based on the volume of products purchased * Allocation based on the energy content of products purchased * Allocation based on the chemical content of products purchased * Allocation based on the number of units purchased * Allocation based on area * Allocation based on another physical factor * Allocation based on the market value of products purchased * Other, please specify | Text field [maximum 5000 characters] |

You can make multiple entries to the table by clicking the“Add Row”button to the bottom right of the table.

**SM1.2: Where published information has been used in completing SM1.1 please provide a reference(s)** [maximum 5000 characters]

**SM1.3: What are the challenges in allocating emissions to different customers and what would help you to overcome these challenges?**

|  |  |
| --- | --- |
| Allocation challenges | Please explain what would help you overcome these challenges |
| Select from:   * Diversity of product lines makes accurately accounting for each product/product line cost ineffective * Customer base is too large and diverse to accurately track emissions to the customer level * Managing the different emission factors of diverse and numerous geographies makes calculating total footprint difficult * Doing so would require we disclose business sensitive/proprietary information * We face no challenges * Other, please specify | Text field [maximum 2500 characters] |

You can make multiple entries to the table by clicking the “Add Row” button to the bottom right of the table.

**SM1.4: Do you plan to develop your capabilities to allocate emissions to your customers in the future?**

Please select from:

* Yes
* No

*If “Yes” was selected in response to SM1.4:*

**SM1.4a: Please describe how you plan to develop your capabilities** [maximum 5000 characters]

*If “No” was selected in response to SM1.4:*

**SM1.4b: Please explain why you do not plan to develop capabilities to allocate emissions to your customers** [maximum 5000 characters]

**SM2. Collaborative opportunities**

**Pre-population**

No questions on this page are eligible for pre-population if you responded last year.

**SM2.1: Please use the table below to communicate any proposals you would like to make to specific CDP supply chain members for the collaborative development of GHG emission reducing projects or products**

**Please note**: This table is designed so that only the customer that you select in column 1 will be able to see the data relevant to them. If you enter an answer in the ORS without selecting a requesting member, your answer will not be viewable at all.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Please select requesting member | Type of project | Emissions reduction project or product consists of | Estimated timeframe for carbon reductions to be realized | Estimated lifetime CO2e savings | Details of  proposal |
| Dropdown menu of requesting members | Select from   * New goods and services * Change in established relationship * Other, please specify | Select from:   * Actions to reduce customers’ operational emissions (customer scope 1 & 2) * Actions that would reduce our own operational emissions (our scope 1 & 2) * Actions that would reduce our own supply chain emissions (our own scope 3) * Actions that would reduce both our own and our customers’ emissions * Other, please specify | Select from:   * 0-1 year * 1-3 years * 3-5 years * Other, please specify | Numerical field | Text field [maximum 5000 characters] |

You can make multiple entries to the table by clicking the “Add Row” button to the bottom right of the table.

**SM2.2: Have requests or initiatives by CDP supply chain members prompted your organization to take organizational-level emissions reduction initiatives?**

Please select from:

* Yes
* No

*If “Yes” is selected in response to SM2.2:*

**SM2.2a: Please select the requesting member(s) that have driven organizational-level emissions reduction initiatives?**

**Please note:** This table is designed so that only the customer that you select in column 1 will be able to see the data relevant to them. If you enter an answer in the ORS without selecting a requesting member, your answer will not be viewable at all.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Please select the  requesting member(s)  that have driven a  reduction | Initiative ID | Describe the reduction initiative | Give reduction for the reporting year in metric tonnes of CO2e | Did you identify this  opportunity as part of  Action Exchange? | Would you be  Would you be happy for CDP supply chain members to highlight this work in their external communication? |
| Dropdown menu of requesting members | Dropdown menu | Text field [maximum 2500 characters] | Numerical field | Select from:   * Yes * No | Select from:   * Yes * No |

You can make multiple entries to the table by clicking the “Add Row” button to the bottom right of the table.

**SM3. Product (goods and services) level data**

**Pre-population**

None of the questions on this page are eligible for pre-population if you responded last year.

**SM3.1: Are you providing product level data for your organization’s goods or services? If so what functionality will you be using?**

**Please note**: Organizations are able to add data via the ORS or using a combination of an Excel template and the ORS.

Please select from:

* Yes, I will provide data using the ORS
* Yes, I will provide data using the Excel template and the ORS
* No, I am not providing data

*If “Yes, I will provide data using the ORS” or “Yes, I will provide data using the Excel template and the ORS” is selected in question SM3.1:*

**SM3.1a: Please give the overall percentage of total emissions, for all scopes, that are covered by these products**

*If “Yes, I will provide data using the Excel template and the ORS” is selected in question SM3.1:*

**SM3.2: Please describe the goods/services for which you want to provide data using the following template and attach it to the response**

*If “Yes, I will provide data using the ORS” is selected in response to question SM3.1, question SM3.2a will be presented. However, it is also relevant to those who are responding using the Excel format:*

**SM3.2a: Please complete the following table for the goods/services for which you want to provide** **data**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name of good/ service | Description of good/  service | Type of product | SKU (Stock  Keeping  Unit) | Total emissions  in kg CO2e per unit | ± % Change  from previous  figure supplied | Date of  previous  figure  supplied | Explanation of change | Methods used to estimate lifecycle emissions |
| Text field [maximum 2400 characters] | Text field [maximum 2400 characters] | Select from:   * Final * Intermediate | Text field [maximum 50 characters] | Numerical field | Numerical field | Calendar field | Text field [maximum 2400 characters] | Select from:   * Bilan Carbone * French Product Environmental Footprint * Greenhouse Gas Accounting Sector * Guidance for Pharmaceutical Products and Medical Devices * GHG Protocol Product Accounting & Reporting Standard * ISO 14040 & 14044 * ISO 14025 * EU Product Environmental Footprint (EUPEF) * PAS 2050 * Other, please specify |

You can make multiple entries to the table by clicking the “Add Row” button to the bottom right of the table.

**SM3.2b: Please complete the following table with data for lifecycle stages of your goods and/or services**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name of good/ service | Please select the scope | Please select the lifecycle stage | Emissions  (kg CO2e)  per unit at the lifecycle stage | Is this stage under your ownership or control? | Type of data used | Data quality | If you are verifying/assuring this product emission data, please tell us how |
| Text field [maximum 2400 characters]  Please cut-and-paste the entries made in column 1 of SM3.2a | Select from:   * Scope 1 * Scope 2 * Scope 3 * Scope 1 & 2 * Scope 1, 2 & 3 * Other, please specify | Select from:   * Assembly * Consumer Use * Cradle to gate * Cradle to grave * Distribution * End of life/Final disposal * Energy/Fuel * Manufacturing * Material acquisition * Operation of premises * Packaging * Pre-processing * Processing * Production * Recycling * Storage * Transportation * Waste * Other, please specify | Numerical field | Select from:   * Yes * No | Select from:   * Primary * Secondary * Primary & secondary | Text field [maximum 2500 characters] | Text field [maximum 5000 characters] |

You can make multiple entries to the table by clicking the “Add Row” button to the bottom right of the table.

**SM3.2c: Please detail emission reduction initiatives completed or planned for this product**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of good/  service | Initiative ID | Description of  initiative | Completed or  Planned | Emission reductions in kg CO2e per unit |
| Text field [2500 characters] | Dropdown menu | Text field [maximum 2500 characters] | Select from:   * Completed * Ongoing * Planned | Numerical field |

You can make multiple entries to the table by clicking the “Add Row” button to the bottom right of the table.

**SM3.2d: Have any initiatives described in SM3.2c been driven by requesting members?**

Please select from:

* Yes
* No

*If “Yes” is selected in question SM3.2d:*

**SM3.2e: Please explain which initiatives have been driven by requesting members**

**Please note:** This table is designed so that only the customer that you select in column 1 will be able to see the data relevant to them. If you enter an answer in the ORS without selecting a requesting member, your answer will not be viewable at all.

|  |  |  |
| --- | --- | --- |
| Requesting member(s) | Name of good/service | Initiative ID |
| Names of the requesting members | Text field [maximum 2500 characters] | Dropdown menu |

You can make multiple entries to the table by clicking the “Add Row” button to the bottom right of the table.

**SM4. Action Exchange**

**Pre-population**

None of the questions on this page are eligible for pre-population if you responded last year as this is a new question.

**SM4.1: Do you want to enroll in the 2017-2018 CDP Action Exchange initiative?**

Please select from:

* Yes
* No

*If “No” is selected for question SM4.1, you have reached end of the supply chain module and no further questions will be presented.*

*If “Yes” is selected for question SM4.1:*

**SM4.1a: Please identify which Member(s), if any, have motivated you to take part in Action Exchange this year**

Please select from:

A drop-down list of requesting supply chain member(s)

**Please note:** This list is designed so that only the customer that you select will be able to see the selection. If you enter an answer without selecting a requesting member, your answer will not be viewable at all. Not all members in this list necessarily participated in Action Exchange, so please ensure that you select only the members that motivated you to take part in Action Exchange.

**SM4.1b: Please select the types of emissions reduction activities that your company would like support in analyzing or implementing in the new reporting year**

Please select all that apply:

* Energy efficiency: building fabric
* Energy efficiency: building services
* Energy efficiency: processes
* Fugitive emissions reductions
* Low carbon energy purchase
* Low carbon energy installation
* Process emissions reductions
* Transportation: fleet
* Transportation: use
* Product design
* Behavioral change
* Waste recovery
* Green project finance
* Other, please specify

**SM4.1c: As part of Action Exchange, would you like facility level analysis?**

Please select from:

* Yes
* No

**SM4.2: Is your company a participating supplier in CDP’s 2016-2017 Action Exchange initiative?**

Please select from:

* Yes
* No

*If “No” is selected for question SM4.1, you have reached end of the supply chain module and no further questions will be presented.*

*If “Yes” is selected in question SM4.2:*

**SM4.2a: Describe how your company actively considered emissions reduction projects as a result of Action Exchange. If you do not have any emissions reduction activities resulting from Action Exchange at any stage of implementation, please explain why not in the second column.**

|  |  |
| --- | --- |
| Type of project | Details of proposal |
| Select from:   * Energy efficiency: building fabric * Energy efficiency: building services * Energy efficiency: processes * Fugitive emissions reductions * Low carbon energy purchase * Low carbon energy installation * Process emissions reductions * Transportation: fleet * Transportation: use * Product design * Behavioral change * Waste recovery * Green project finance * Other, please specify | Text field |

1. This program has now ended but its methodologies may still be in use. [↑](#footnote-ref-1)