C4 Targets and performance

Emissions targets

(C4.1) Did you have an emissions target that was active in the reporting year?

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

TCFD

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

S&P Global Corporate Sustainability Assessment

TCFD Disclosure

NZAM (FS Only)

Commitment 1

Response options

Select all that apply:

- Absolute target
- Intensity target
- Portfolio target [FS only]

- No target

(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.

Question dependencies

This question only appears if you select "Absolute target" in response to C4.1.

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy
Goal 12: Responsible consumption and production
Goal 13: Climate action

TCFD

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

S&P Global Corporate Sustainability Assessment

Climate-Related Targets
TCFD Disclosure

NZAM (FS only)

Commitment 1

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

1	2	3	4	5	6	7
Target reference number	Is this a science-based target?	Target ambition*	Year target was set	Target coverage	Scope(s)	Scope 2 accounting method

Abs1-Abs100	Select from drop-down options below	Select from: ● 1.5°C aligned ● Well-below 2°C aligned ● 2°C aligned ● Other, please specify	Numerical field [enter a number between 1900-2023]	Select from: ● Company-wide ● Business division ● Business activity ● Site/facility ● Country/area/region ● Product-level ● Other, please specify	Select all that apply: ● Scope 1 ● Scope 2 ● Scope 3	Select from: ● Location-based ● Market-based
8	**9**	**10**	**11**	**12-28**	**29**	**30**
Scope 3 category(ies)	**Base year**	**Base year Scope 1 emissions covered by target (metric tons CO2e)**	**Base year Scope 2 emissions covered by target (metric tons CO2e)**	**Base year Scope 3, Category […] emissions covered by target (metric tons CO2e)* [One column for each Scope 3 category]**	**Base year total Scope 3 emissions covered by target (metric tons CO2e)**	**Total base year emissions covered by target in all selected Scopes (metric tons CO2e)**
Select all that apply: ● Category 1: Purchased goods and services ● Category 2: Capital goods ● Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) ● Category 4:	Numerical field [enter a number between 1900-2023]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]

Upstream transportation and distribution ● Category 5: Waste generated in operations ● Category 6: Business travel ● Category 7: Employee commuting ● Category 8: Upstream leased assets ● Category 9: Downstream transportation and distribution ● Category 10: Processing of sold products ● Category 11: Use of sold products ● Category 12: End-of-life treatment of sold products ● Category 13: Downstream leased assets ● Category 14: Franchises ● Category 15: Investments [does not appear to FS]					

• Other (upstream) • Other (downstream)				

31	32	33-49	50	51
Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1	**Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**	**Base year Scope 3, Category […] emissions covered by target as % of total base year emissions in Scope 3, Category […] (metric tons CO** $_2$ **e)* [One column for each Scope 3 category]**	**Base year Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**	**Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**
Percentage field [enter a percentage from 0-100 using a maximum of 3 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 3 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 3 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 3 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 3 decimal places]

52	53	54	55	56	57-73	74
Target year	**Targeted reduction from base year (%)**	**Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]**	**Scope 1 emissions in reporting year covered by target (metric tons CO2e)**	**Scope 2 emissions in reporting year covered by target (metric tons CO2e)**	**Scope 3, Category […] emissions in reporting year covered by target (metric tons CO2e) [One column for each Scope 3 category]**	**Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)**
Numerical field [enter a whole number between 2018- 2100]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Numerical field [0-999,999,999,999]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]

75	76	77	78	79	80	81
Total emissions in reporting year covered by target in all selected	**Does this target cover any land-related emissions?**	**% of target achieved relative to base year**	**Target status in reporting year**	**Please explain target coverage and identify any exclusions**	**Plan for achieving target, and progress made to the end of the**	**List the emissions reduction initiatives which contributed most**

scopes (metric tons CO2e)		[auto-calculated]			reporting year	to achieving this target
Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Select from: ● Yes, it covers land-related emissions only (e.g. FLAG SBT) ● Yes, it covers land-related and non-land related emissions (e.g. SBT approved before the release of FLAG target-setting guidance) ● Yes, it covers land-related CO2 emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy) ● No, it does not cover any land-related emissions (e.g. non-FLAG SBT)	Percentage field	Select from: ● New ● Underway ● Achieved ● Expired ● Revised ● Replaced ● Retired	Text field [maximum 5,000 characters]	Text field [maximum 2,500 characters]	Text field [maximum 2,500 characters]

[Add Row]

*This column only appears if you select one of the "Yes…" options in column "Is this a science-based target?"

Is this a science-based target? (column 2) drop-down options:

Select one of the following options:

- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative
- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years
- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years
- No, but we are reporting another target that is science-based
- No, but we anticipate setting one in the next two years
- No, and we do not anticipate setting one in the next two years

(C4.1b) Provide details of your emissions intensity target(s) and progress made against those target(s).

Question dependencies

This question only appears if you select "Intensity target" in response to C4.1.

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

TCFD

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

S&P Global Corporate Sustainability Assessment

Climate-Related Targets

TCFD Disclosure

NZAM (FS only)

Commitment 1

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" function at the bottom of the table.

1	2	3	4	5	6	7	8	9
Target reference number	**Is this a science-based target?**	**Target ambition***	**Year target was set**	**Target coverage**	**Scope(s)**	**Scope 2 accounting method**	**Scope 3 category(ies)**	**Intensity metric**
Int1-Int100	Select from drop-down options below	Select from: ● 1.5°C aligned ● Well-below 2°C aligned ● 2°C aligned ● Other, please specify	Numerical field [enter a number between 1900-2023]	Select from: ● Company-wide ● Business division ● Business activity ● Site/facility ● Country/area/region ● Product level ● Other, please specify	Select all that apply: ● Scope 1 ● Scope 2 ● Scope 3	Select from: ● Location-based ● Market-based	Select all that apply: ● Category 1: Purchased goods and services ● Category 2: Capital goods ● Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) ● Category 4: Upstream	Select from drop-down options below

						transportation and distribution • Category 5: Waste generated in operations • Category 6: Business travel • Category 7: Employee commuting • Category 8: Upstream leased assets • Category 9: Downstream transportation and distribution • Category 10: Processing of sold products • Category	

						11: Use of sold products • Category 12: End-of-life treatment of sold products • Category 13: Downstream leased assets • Category 14: Franchises • Category 15: Investments [does not appear to FS] • Other (upstream) • Other (downstream)	
10	**11**	**12**	**13-29**	**30**	**31**	**32**	**33**
Base year	Intensity figure in base year for Scope 1 (metric tons CO2e per unit of activity)	Intensity figure in base year for Scope 2 (metric tons CO2e per unit of activity)	Intensity figure in base year for Scope 3, Category […] (metric tons CO2e	Intensity figure in base year for total Scope 3 (metric tons CO2e per unit of	Intensity figure in base year for all selected Scopes (metric tons CO2e	% of total base year emissions in Scope 1 covered by this Scope 1 intensity	% of total base year emissions in Scope 2 covered by this Scope 2 intensity

			per unit of activity)* [One column for each Scope 3 category]	activity)	per unit of activity)	figure	figure
Numerical field [enter a number between 1900- 2023]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]
34-50	**51**	**52**	**53**	**54**	**55**	**56**	**57**
% of total base year emissions in Scope 3, Category […] covered by this Scope 3, Category […] intensity figure* [One column for each Scope 3 category]	**% of total base year emissions in Scope 3 (in all Scope 3 categories) covered by this total Scope 3 intensity figure**	**% of total base year emissions in all selected Scopes covered by this intensity figure**	**Target year**	**Targeted reduction from base year (%)**	**Intensity figure in target year for all selected Scopes (metric tons CO2e per unit of activity)** **[auto-calculated]**	**% change anticipated in absolute Scope 1+2 emissions**	**% change anticipated in absolute Scope 3 emissions**
Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Numerical field [enter a number between 2018- 2100]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Numerical field [0-999,999,999,999]	Percentage field [enter a percentage from -999-999 using a maximum of 2 decimal places]	Percentage field [enter a percentage from -999-999 using a maximum of 2 decimal places]
58	**59**	**60-76**	**77**	**78**	**79**	**80**	**81**
Intensity figure in reporting year for Scope 1 (metric tons CO2e per unit of activity)	**Intensity figure in reporting year for Scope 2 (metric tons CO2e per unit of activity)**	**Intensity figure in reporting year for Scope 3, Category […] (metric tons CO2e per unit of activity)* [One column for each**	**Intensity figure in reporting year for total Scope 3 (metric tons CO2e per unit of activity)**	**Intensity figure in reporting year for all selected Scopes (metric tons CO2e per unit of activity)**	**Does this target cover any land-related emissions?**	**% of target achieved relative to base year [auto-calculated]**	**Target status in reporting year**

		Scope 3 category]					
Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas]	Select from: ● Yes, it covers land-related emissions only (e.g. FLAG SBT) ● Yes, it covers land-related and non-land related emissions (e.g. SBT approved before the release of FLAG target-setting guidance) ● Yes, it covers land-related CO2 emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)	Percentage field	Select from: ● New ● Underway ● Achieved ● Expired ● Revised ● Replaced ● Retired

		• No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

82	83	84
Please explain target coverage and identify any exclusions	**Plan for achieving target, and progress made to the end of the reporting year**	**List the emissions reduction initiatives which contributed most to achieving this target**
Text field [maximum 5,000 characters]	Text field [maximum 2,400 characters]	Text field [maximum 2,400 characters]

[Add row]

*This column only appears if you select one of the "Yes…" options in column "Is this a science-based target?"

Intensity metric drop-down options:

Select one of the following options:

- Grams CO2e per revenue passenger kilometer
- Metric tons CO2e per USD($) value-added
- Metric tons CO2e per square meter
- Metric tons CO2e per metric ton of aluminum
- Metric tons CO2e per metric ton of steel
- Metric tons CO2e per metric ton of cement
- Metric tons CO2e per metric ton of cardboard
- Grams CO2e per kilometer
- Metric tons CO2e per unit revenue
- Metric tons CO2e per unit FTE employee
- Metric tons CO2e per unit hour worked
- Metric tons CO2e per metric ton of product
- Metric tons of CO2e per liter of product
- Metric tons CO2e per unit of production

- Metric tons CO2e per unit of service provided
- Metric tons CO2e per square foot
- Metric tons CO2e per kilometer
- Metric tons CO2e per passenger kilometer
- Metric tons CO2e per megawatt hour (MWh)
- Metric tons CO2e per barrel of oil equivalent (BOE)
- Metric tons CO2e per vehicle produced
- Metric tons CO2e per metric ton of ore processed
- Metric tons CO2e per ounce of gold
- Metric tons CO2e per ounce of platinum
- Metric tons of CO2e per metric ton of aggregate
- Metric tons of CO2e per billion (currency) funds under management
- Other, please specify

Is this a science-based target? Drop-down options:

Select one of the following options:
- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative
- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years
- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years
- No, but we are reporting another target that is science-based
- No, but we anticipate setting one in the next two years
- No, and we do not anticipate setting one in the next two years

(C4.1c) Explain why you did not have an emissions target, and forecast how your emissions will change over the next five years.
Question dependencies

This question only appears if you select "No target" in response to C4.1.

Response options

Please complete the following table:

Primary reason	Five-year forecast	Please explain
Select from: • We are planning to introduce a target in the next two years • Important but not an immediate business priority • Judged to be unimportant, explanation provided • Lack of internal resources • Insufficient data on operations • No instruction from management • Other, please specify	Text field [maximum 2,400 characters]	Text field [maximum 2,400 characters]

(C-FS4.1d) Provide details of the climate-related targets for your portfolio.

Question dependencies

This question only appears if you select "Portfolio target" in response to C4.1.

Connection to other frameworks

TCFD

Metrics and Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

S&P Global Corporate Sustainability Assessment

Climate-Related Targets

TCFD Disclosure

NZAM (FS only)

Commitment B

Commitment C

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" function at the bottom of the table.

1	2	3	4	5	6
Target reference number	**Year target was set**	**Portfolio**	**Product type/Asset class/Line of business**	**Sectors covered by the target**	**Target type**
Por1 - Por100	Numerical field [enter a number between 1900- 2023]	Select from: ● Banking (Bank) ● Investing (Asset manager) ● Investing (Asset owner) ● Insurance underwriting (Insurance company)	Select all that apply: Banking ● All product types ● Corporate loans ● Retail loans ● Corporate real estate ● Retail mortgages ● Trade finance ● Asset finance ● Project finance ● Debt and equity underwriting ● Other, please specify Investing ● All asset classes ● Fixed income ● Listed equity ● Private equity ● Real estate/property ● Infrastructure ● Commodities ● Forestry	Select all that apply: ● All sectors ● Energy ● Materials ● Capital goods ● Commercial and professional services ● Transportation ● Automobiles and components ● Consumer durables and apparel ● Consumer services ● Retailing ● Food and staples retailing ● Food, beverage and tobacco ● Household and personal products ● Health care equipment and services ● Pharmaceuticals, biotechnology and	Select from: ● Green finance ● Sector Decarbonization Approach (SDA) ● Portfolio coverage ● Portfolio temperature alignment ● Portfolio emissions ● Other, please specify

| | | | | | • Hedge funds
• Fund of funds
• Derivatives
• Other, please specify

Insurance

• All lines of business
• Property and casualty
• Construction and engineering
• Agribusiness
• Motor
• Marine
• Other, please specify | life sciences
• Banks
• Diversified financials
• Insurance
• Software and services
• Technology hardware and equipment
• Semiconductors and semiconductor equipment
• Telecommunication services
• Utilities
• Real estate
• Other, please specify | | | |

7	8	9	10	11	12	13	14	15	16
Target type: Absolute or intensity	**Scopes included in temperature alignment**	**Metric (or target numerator if intensity)**	**Target denominator**	**Base year**	**Figure in base year**	**Percentage of portfolio emissions covered by the target**	**Monetary metric for portfolio coverage (unit currency as reported in C0.4)**	**Percentage of portfolio covered by the target, using a monetary metric**	**Frequency of target reviews**
Select from: • Absolute • Intensity	Select from: • Scope 1 + 2 • Scope 1 + 2 + 3	Select from: Green finance • Total green finance raised and facilitated (unit	Select from: Green finance • Total finance raised and facilitated (unit currenc	Numerical field [enter a number between 1900-2023]	Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 3 decimal places and no commas]	Percentage field [enter a percentage from 0-100]	Select from: • Loan book value • Assets under management • Market value	Percentage field [enter a percentage from 0-100]	Select from: • Quarterly • Semi-annually • Annually

		currency as reported in C0.4) • Total green investments (unit currency as reported in C0.4) • Total green bonds outstanding (unit currency as reported in C0.4) • Total green debt instruments outstanding (unit currency as reported in C0.4) • Other,	y as reported in C0.4) • Total investments (unit currency as reported in C0.4) • Total bonds outstanding (unit currency as reported in C0.4) • Total debt instruments outstanding (unit currency as reported in C0.4) • Other, please specify Sector				of investees • Invested value • Enterprise value of investees • Other, please specify • Not applicable		• Every five years • Other, please specify

		please specify Sector Decarbonization Approach (SDA) ● Metric tons CO2e ● Other, please specify Portfolio coverage ● % of portfolio setting a Science-Based Target ● Other, please specify Portfolio temperature alignment ● Degrees of warming Portfolio emissions	Decarbonization Approach (SDA) ● Meters squared ● kWh ● Ton cement ● Ton pulp and paper ● km ● Passenger km ● Ton km ● Vehicle km ● Ton iron and steel ● Ton aluminum ● Other, please specify Portfolio emissions ● Million revenues (unit currency as reporte						

	● tCO2e Other, please specify ● Other, please specify	d in C0.4) ● Million invested (unit currency as reported in C0.4) Other, please specify ● Other, please specify				
17	**18**	**19**	**20**	**21**	**22**	**23**
Interim target year	**Figure in interim target year**	**Target year**	**Figure in target year**	**Figure in reporting year**	**% of target achieved relative to base year [auto-calculated]**	**Aggregation weighting used**
Numerical field [enter a number between 2018-2100]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number between 2018-2100]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas]	Auto-calculated	Select from: ● Weighted average temperature score (WATS) ● Total emissions weighted temperature score (TETS) ● Market owned emissions weighted

					temperature score (MOTS)
					• Enterprise owned emissions weighted temperature score (EOTS)
					• Enterprise value (EV) + cash emissions weighted temperature score (ECOTS)
					• Total assets emissions weighted temperature score (AOTS)
					• Revenue owned emissions weighted temperature score (ROTS)
					• Other, please specify
24	**25**	**26**	**27**	**28**	**29**
Proportion of portfolio emissions calculated in the reporting year based on asset level data	**Proportion of the temperature score calculated in the reporting year based on company targets**	**Target status in reporting year**	**Is this a science-based target?**	**Target ambition**	**Please explain target coverage and identify any exclusions**
Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Select from: • New • Underway • Achieved	Select from: • Yes, and this target has been approved by the Science-	Select from: • 1.5°C aligned • Well-below 2°C aligned	Text field [maximum 2,500 characters]

		- Expired - Revised - Replaced - Retired	Based Targets initiative - Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science-based target initiative in the next two years - Yes, we consider this a science-based target, and the target is currently being reviewed by the Science-based target initiative - Yes, we consider this a science-based target, it has been set in line with the Glasgow Financial Alliance for Net Zero (GFANZ) commitments, and we have committed to seek validation by, or it is currently being reviewed by, the Science Based Targets initiative - Yes, we consider this a science-based target, and it has been set in line with the Glasgow Financial Alliance for Net Zero (GFANZ) commitments, but	2°C aligned - Other, please specify

			we have not committed to seek validation by the Science Based Targets initiative within the next two years ● No, but we are reporting another target that 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		

[Add row]

Other climate-related targets

(C4.2) Did you have any other climate-related targets that were active in the reporting year?

Connection to frameworks

TCFD

Metrics & Targets recommended disclosure a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Select all that apply from the following options:
- Target(s) to increase low-carbon energy consumption or production
- Target(s) to reduce methane emissions
- Net-zero target(s)
- Other climate-related target(s)
- No other climate-related targets

(C4.2a) Provide details of your target(s) to increase low-carbon energy consumption or production.

Question dependencies

This question only appears if you select "Target(s) to increase low-carbon energy consumption or production" in response to C4.2.

Modified guidance

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

TCFD

Metrics & Targets recommended disclosure a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

Climate-Related Targets

TCFD Disclosure

RE100

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

1	2	3	4	5	6
Target reference number	**Year target was set**	**Target coverage**	**Target type: energy carrier**	**Target type: activity**	**Target type: energy source**
Low1 – Low100	Numerical field [enter a number between 1900- 2023]	Select from: • Company-wide • Business division • Business activity • Site/facility • Country/area/region • Product level • Other, please specify	Select from: • Electricity • Heat • Steam • Cooling • All energy carriers • Other, please specify	Select from: • Consumption • Production	Select from: • Low-carbon energy source(s) • Renewable energy source(s) only

7	8	9	10	11	12	13
Base year	**Consumption or production of selected energy carrier in base year (MWh)**	**% share of low-carbon or renewable energy in base year**	**Target year**	**% share of low-carbon or renewable energy in target year**	**% share of low-carbon or renewable energy in reporting year**	**% of target achieved relative to base year** [auto-calculated]
Numerical field [enter a number between 1900-2023]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Numerical field [enter a number between 2018-2100]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places]	Percentage field

14	15	16	17	18	19
places and no commas]					
Target status in reporting year	**Is this target part of an emissions target?**	**Is this target part of an overarching initiative?**	**Please explain target coverage and identify any exclusions**	**Plan for achieving target, and progress made to the end of the reporting year**	**List the actions which contributed most to achieving this target**
Select from: ● New ● Underway ● Achieved ● Expired ● Revised ● Replaced ● Retired	Text field [maximum 2,400 characters] [Emissions reduction target ID]	Select all that apply: ● RE100 ● Science Based Targets initiative ● No, it's not part of an overarching initiative ● Other, please specify	Text field [maximum 2,400 characters]	Text field [maximum 2,500 characters]	Text field [maximum 2,500 characters]

[Add Row]

(C4.2b) Provide details of any other climate-related targets, including methane reduction targets.

Question dependencies

This question only appears if you select "Other climate-related target(s)" or "Target(s) to reduce methane emissions" in response to C4.2.

Minor change

Connection to frameworks

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

TCFD

Metrics & Targets recommended disclosure a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

S&P Global Corporate Sustainability Assessment

Climate-Related Targets

TCFD Disclosure

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

1	2	3	4	5a	5b	6
Target reference number	**Year target was set**	**Target coverage**	**Target type: absolute or intensity**	**Target type: category**	**Metric (target numerator if reporting an intensity target)**	**Target denominator (intensity targets only)**
Oth1 – Oth100	Numerical field [enter a number between 1900-2023]	Select from: ● Company-wide ● Business division ● Business activity ● Site/facility ● Country/area/region ● Product level ● Other, please specify	Select from: ● Absolute ● Intensity	Select from: ● Energy productivity ● Energy consumption or efficiency ● Renewable fuel production ● Renewable fuel consumption ● Waste management ● Resource consumption or efficiency ● Low-carbon vehicles	Select from drop-down options below	Select from drop-down options below

| | | | | - Low-carbon buildings
- Land use change
- Methane reduction target
- Fossil fuel reduction target
- Engagement with suppliers
- Engagement with customers
- R&D investments
- Green finance
- Other, please specify | |

7	8	9	10	11	12
Base year	**Figure or percentage in base year**	**Target year**	**Figure or percentage in target year**	**Figure or percentage in reporting year**	**% of target achieved relative to base year [auto-calculated]**
Numerical field [enter a number between 1900- 2023]	Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number between 2018- 2100]	Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 10 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 10 decimal places and no commas]	Percentage field

13	14	15	16	17	18
Target status in reporting year	**Is this target part of an emissions target?**	**Is this target part of an overarching initiative?**	**Please explain target coverage and identify any exclusions**	**Plan for achieving target, and progress made to the end of the reporting year**	**List the actions which contributed most to achieving this target**
Select from:	Text field [maximum 2,400 characters	Select all that apply:	Text field [maximum 2,400 characters]	Text field [maximum 2,500 characters]	Text field [maximum 2,500 characters]

• New • Underway • Achieved • Expired • Revised • Replaced • Retired	[Emissions reduction target ID]	• EP100 • EV100 • Below50 – sustainable fuels • Science Based Targets initiative – approved supplier engagement target • Science Based Targets initiative – approved customer engagement target • Science Based targets initiative - other • Reduce short-lived climate pollutants • Remove deforestation • Low-Carbon Technology Partnerships initiative • No, it's not part of an overarching initiative • Other, please specify			

[Add Row]

Metric (target numerator if reporting an intensity target) drop-down options:

Select one of the following options:

Energy productivity	Low-carbon buildings
• GDP • USD ($) value-added • units of revenue • ounces of gold	• Percentage of net zero carbon buildings • Percentage of net zero energy buildings • Percentage of buildings with a green building certificate • Other, please specify

- ounces of platinum
- metric tons of aggregate
- metric tons of aluminum
- metric tons of steel
- metric tons of cement
- metric tons of cardboard
- metric tons of product
- metric tons of ore processed
- square meters
- kilometers
- passenger kilometers
- revenue passenger kilometers
- liters of product
- units of production
- units of service provided
- square feet
- megawatt hours (MWh)
- barrel of oil equivalents (BOE)
- ton of oil equivalents (TOE)
- ton of coal equivalents (TCE)
- Other, please specify

Energy consumption or efficiency

- kWh
- MWh
- GJ
- million Btu
- boe
- toe
- tce
- Gcal
- Other, please specify

Renewable fuel production

- metric tons of solid biomass

Land use change

- hectares reforested
- hectares afforested
- hectares restored
- Percent of supply chain compliant with zero gross deforestation
- Other, please specify

Methane reduction target

- cubic meters of methane vented
- cubic meters of methane leaked
- cubic meters of methane flared
- Total methane emissions in m3
- Total methane emissions in CO2e
- Methane leakage rate (%)
- Other, please specify

Fossil fuel reduction target

- cubic meters of natural gas consumed
- metric tons of coal consumed
- barrels of oil consumed
- Percentage of fossil fuels in the fuel mix
- Other, please specify

Engagement with suppliers

- Percentage of suppliers (by emissions) disclosing their GHG emissions
- Percentage of suppliers (by procurement spend) disclosing their GHG emissions
- Percentage of suppliers (by emissions) setting emissions reduction targets
- Percentage of suppliers (by procurement spend) setting emissions reductions targets
- Percentage of suppliers (by emissions) with a science-based target
- Percentage of suppliers (by procurement spend) with a science-based target
- Percentage of suppliers (by emissions) actively engaged on climate-related issues
- Percentage of suppliers (by procurement spend) actively engaged on climate-related issues
- Other, please specify

- liters of liquid biofuel
- cubic meters of biogas
- cubic meters of hydrogen
- Other, please specify

Renewable fuel consumption

- metric tons of solid biomass
- liters of liquid biofuel
- cubic meters of biogas
- cubic meters of hydrogen
- Percentage of total fuel consumption that is from renewable sources
- Other, please specify

Waste management

- metric tons of waste diverted from landfill
- metric tons of waste recycled
- metric tons of waste reused
- metric tons of waste generated
- Percentage of total waste generated that is recycled
- Percentage of sites operating at zero-waste to landfill
- Other, please specify

Resource consumption or efficiency

- Percentage of paper from recycled or certified sustainable sources
- metric tons of paper consumed
- Percentage of plastic form recycled sources
- metric tons of plastic consumed
- Percentage of packaging from recycled or certified sustainable sources
- metric tons of packaging consumed
- Other, please specify

Low-carbon vehicles

- Percentage of low-carbon vehicles in company fleet
- Percentage of low-carbon vehicles sold

Engagement with customers

- Percentage of customers (by emissions) disclosing their GHG emissions
- Percentage of customers (by emissions) setting emissions reduction targets
- Percentage of customers (by emissions) with a science-based target
- Percentage of customers (by emissions) actively engaged on climate-related issues
- Other, please specify

R&D investments

- Percentage of annual revenue invested in R&D of low-carbon products/services
- US$ invested in R&D of low-carbon products/services
- Percentage of R&D budget/portfolio dedicated to low-carbon products/services
- Other, please specify

Green finance

- Total amount of green bonds outstanding (green bond ratio)
- Percentage of green bonds
- Total amount of green debt instruments outstanding (green debt ratio)
- Percentage of green debt instruments
- Green finance raised and facilitated (denominated in currency)
- Green investments (denominated in currency)
- Percentage of green investments
- Other, please specify

- Percentage of company fleet using biofuel - Percentage of battery electric vehicles in company fleet - Percentage of conventional hybrids in company fleet - Percentage of plug-in hybrids in company fleet - Percentage of fuel cell electric vehicles in company fleet - Percentage of company facilities with electric vehicle infrastructure - Other, please specify	

Target denominator (intensity targets only) drop-down options:

Select one of the following options:

- KWh
- MWh
- GJ
- Btu
- boe
- toe
- tce
- Gcal
- revenue passenger kilometer
- USD($) value-added
- square meter
- metric ton of aluminum
- metric ton of steel
- metric ton of cement
- metric ton of cardboard
- unit revenue
- unit FTE employee
- unit hour worked
- metric ton of product
- liter of product
- unit of production

- unit of service provided
- square foot
- kilometer
- passenger kilometer
- megawatt hour (MWh)
- barrel of oil equivalent (BOE)
- vehicle produced
- metric ton of ore processed
- ounce of gold
- ounce of platinum
- metric ton of aggregate
- billion (currency) funds under management
- hectare
- metric ton of waste
- liter of fuel
- year
- total amount of bonds outstanding at the end of the reporting period
- total amount of debt outstanding at the end of the reporting period
- Other, please specify

(C4.2c) Provide details of your net-zero target(s).

Question dependencies

This question only appears if you select "Net-zero target(s)" in response to C4.2.

Minor change

Connection to other frameworks

S&P Global Corporate Sustainability Assessment

Climate-Related Targets

Net-Zero Commitment
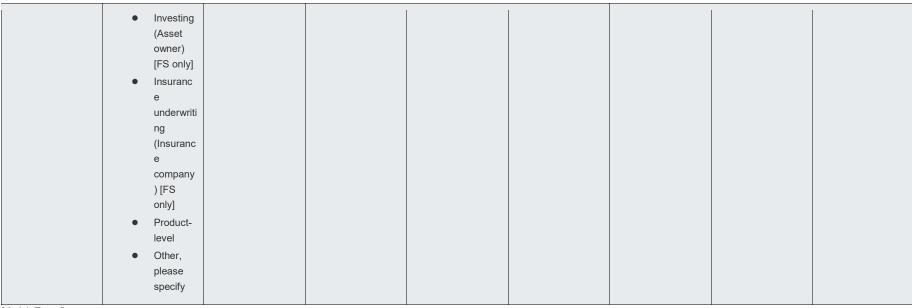
Net-Zero Targets for Financed Emissions

TCFD Disclosure

NZAM (FS only)

General Commitment

Response options

Please complete the following table:

1	2	3	4	5	6	7	8	9
Target reference number	**Target coverage**	**Absolute/intensity emission target(s) linked to this net-zero target**	**Target year for achieving net zero**	**Is this a science-based target?**	**Please explain target coverage and identify any exclusions**	**Do you intend to neutralize any unabated emissions with permanent carbon removals at the target year?**	**Planned milestones and/or near-term investments for neutralization at target year**	**Planned actions to mitigate emissions beyond your value chain (optional)**
Select from: NZ1-NZ100	Select from: ● Company-wide ● Business division ● Business activity ● Site/facility ● Country/area/region ● Banking (Bank) [FS only] ● Investing (Asset manager) [FS only]	Select all that apply: ● Abs1-Abs100 ● Int1-Int100 ● Por1-Por100 [FS only] ● Not applicable	Numerical field [enter a number between 2018-2100]	Select from drop-down options below	Text field [maximum 2,400 characters]	Select from: ● Yes ● No ● Unsure	Text field [maximum 2,500 characters]	Text field [maximum 2,500 characters]

	- Investing (Asset owner) [FS only] - Insurance underwriting (Insurance company) [FS only] - Product-level - Other, please specify						

[Add Row]

Is this a science-based target? drop-down options:

- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative
- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years
- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years
- No, but we are reporting another target that is science-based
- No, but we anticipate setting one in the next two years
- No, and we do not anticipate setting one in the next two years

Emissions reduction initiatives

(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 13: Climate action

Response options

Select one of the following options:

- Yes
- No

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

Question dependencies

This question only appears if you select "Yes" in response to C4.3.

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 13: Climate action

Response options

Please complete the following table:

Stage of development	Number of initiatives	Total estimated annual CO2e savings in metric tons CO2e (only for rows marked *)

Under investigation	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas]	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas]
To be implemented*		
Implementation commenced*		
Implemented*		
Not to be implemented		

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

Question dependencies

This question only appears if you select "Yes" in response to C4.3.

Modified guidance

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 13: Climate action

RE100

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

Initiative category	Initiative type	Estimated annual CO2e	Scope(s) or Scope 3	Voluntary/ Mandatory	Annual monetary	Investment required (unit	Payback period	Estimated lifetime of the	Comment

		savings (metric tons CO2e)	category(ies) where emissions savings occur		savings (unit currency – as specified in C0.4)	currency – as specified in C0.4)		initiative	
Select from: • Energy efficiency in buildings • Energy efficiency in production processes • Waste reduction and material circularity • Fugitive emissions reductions • Low-carbon energy consumption • Low-carbon	Select from drop-down options below	Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas]	Select all that apply: • Scope 1 • Scope 2 (location-based) • Scope 2 (market-based) • Scope 3 category 1: Purchased goods & services • Scope 3 category 2: Capital goods • Scope 3 categor	Select from: • Voluntary • Mandatory	Numerical field [enter a number from 0-999,999,999,999 using no decimal places, and no commas]	Numerical field [enter a number from 0-999,999,999,999 using no decimal places, and no commas]	Select from: • <1 year • 1-3 years • 4-10 years • 11-15 years • 16-20 years • 21-25 years • >25 years • No payback	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 1,500 characters]

energy generation • Non-energy industrial process emissions reductions • Company policy or behavioral change • Transportation • Other, please specify			y 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) • Scope 3 category 4: Upstream transportation & distribution • Scope 3 category 5: Waste generated in operations • Scope 3 category 6: Business travel • Scope					

			3 category 7: Employee commuting • Scope 3 category 8: Upstream leased assets • Scope 3 category 9: Downstream transportation and distribution • Scope 3 category 10: Processing of sold products • Scope 3 category 11: Use of						

			sold products						
			• Scope 3 category 12: End-of-life treatment of sold products						
			• Scope 3 category 13: Downstream leased assets						
			• Scope 3 category 14: Franchises						
			• Scope 3 category 15: Investments [does not appear to FS]						
			• Scope						

			3: Other (upstream) • Scope 3: Other (downstream)					

[Add Row]

Initiative type drop-down options:

Select one of the following options

Energy efficiency in buildings	Low-carbon energy consumption
• Insulation • Maintenance program • Draught proofing • Solar shading • Building Energy Management Systems (BEMS) • Heating, Ventilation and Air Conditioning (HVAC) • Lighting • Motors and drives • Combined heat and power (cogeneration) • Other, please specify Energy efficiency in production processes • Waste heat recovery • Cooling technology • Process optimization • Fuel switch • Compressed air • Combined heat and power (cogeneration) • Wastewater treatment • Reuse of water	• Solid biofuels • Liquid biofuels • Biogas • Geothermal • Large hydropower (>25 MW) • Small hydropower (<25 MW) • Hydropower (capacity unknown) • Renewable hydrogen fuel cell • Solar heating and cooling • Solar PV • Solar CSP • Nuclear • Wind • Tidal • Wave • Fossil fuel plant fitted with CCS • Low-carbon electricity mix • Other, please specify Low-carbon energy generation

Page 114

- Reuse of steam
- Machine/equipment replacement
- Automation
- Electrification
- Smart control system
- Motors and drives
- Product or service design
- Other, please specify

Waste reduction and material circularity

- Waste reduction
- Product or service design
- Product/component/material reuse
- Product/component/material recycling
- Remanufacturing
- Other, please specify

Fugitive emissions reductions

- Agricultural methane capture
- Agricultural nitrous oxide reduction
- Landfill methane capture
- Oil/natural gas methane leak capture/prevention
- Refrigerant leakage reduction
- Carbon capture and storage/utilization (CCS/U)
- Other, please specify

- Solid biofuels
- Liquid biofuels
- Biogas
- Geothermal
- Large hydropower (>25 MW)
- Small hydropower (<25 MW)
- Hydropower (capacity unknown)
- Renewable hydrogen fuel cell
- Nuclear
- Solar heating and cooling
- Solar PV
- Solar CSP
- Wind
- Tidal
- Wave
- Fossil fuel plant fitted with CCS
- Other, please specify

Non-energy industrial process emissions reductions

- Process equipment replacement
- Process material substitution
- Process material efficiency
- Carbon capture and storage/utilization (CCS/U)
- Other, please specify

Company policy or behavioral change

- Supplier engagement
- Customer engagement
- Site consolidation/closure
- Change in purchasing practices
- Resource efficiency
- Waste management
- Other, please specify

Transportation

	• Business travel policy • Teleworking • Employee commuting • Company fleet vehicle replacement • Company fleet vehicle efficiency • Other, please specify

(C4.3c) What methods do you use to drive investment in emissions reduction activities?

Question dependencies

This question only appears if you select "Yes" in response to C4.3.

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 13: Climate action

NZAM (FS Only)

Commitment 3

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

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 emissions reduction activities • Employee engagement	Text field [maximum 2,400 characters]

• 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	

[Add Row]

(C4.3d) Why did you not have any emissions reduction initiatives active during the reporting year?

Question dependencies

This question only appears if you select "No" in response to C4.3.

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Question C4.4 only applies to organizations with activities in the following sectors:
- Agricultural commodities
- Food, beverage & tobacco
- Paper & forestry

Low-carbon products

(C-FS4.5) Do any of your existing products and services enable clients to mitigate and/or adapt to the effects of climate change?

Shown to FS only. This question does not appear if you select "No" for all activities in C2 in C-FS0.7.

Revised question dependency

Connection to other frameworks

SDG

Goal 13: Climate action.

NZAM (FS Only)

Commitment 5

Response options

Select one of the following options:

- Yes
- No

(C-FS4.5a) Provide details of your existing products and services that enable clients to mitigate and/or adapt to climate change, including any taxonomy used to classify the products(s).

Question dependencies

This question appears only if 'Yes' is selected in C-FS4.5.

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Goal 13: Climate action

NZAM (FS Only)

Commitment 5

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

Product type/Asset class/Line of business	Taxonomy or methodology used to classify product	Description of product	Product enables clients to mitigate and/or adapt to climate change	Portfolio value (unit currency – as specified in C0.4)	% of total portfolio value	Type of activity financed/insured or provided
Select from: Banking - Corporate loans - Retail loans - Corporate real estate - Retail mortgages - Trade finance - Asset finance - Project finance - Debt and equity underwriting - Other, please specify Investing - Fixed Income - Listed Equity - Private Equity - Real estate/Property - Infrastructure - Commodities - Forestry - Hedge funds - Mutual funds - Fund of funds	Select from: - Low-carbon Investment (LCI) Taxonomy - Climate Bonds Taxonomy - The EU Taxonomy for environmentally sustainable economic activities - Evaluating the carbon-reducing impacts of ICT - Green Bond Principles (ICMA) - ISO 14040/44 Standards - LMA Green Loan Principles - LMA Sustainability Link Loans Principles - Externally classified using other taxonomy or methodology, please specify	Text field [maximum 2,500 characters]	Select all that apply: - Mitigation - Adaptation	Numerical field [enter a number from 0 to 999,999,999,999,999 using up to 2 decimal places]	Numerical field [enter a number from 0-100 using a maximum of 2 decimal places and no commas]	Select all that apply: - Green buildings and equipment - Low-emission transport - Renewable energy - Emerging climate technology, please specify - Carbon removal - Nature-based solutions - Fortified buildings - Sustainable agriculture - Risk transfer mechanisms for under-insured or uninsured - Paperless/ digital service - Other, please specify

• Derivatives • Other, please specify Insurance • Property & Casualty • Construction & Engineering • Agribusiness • Motor • Marine • Life • Health • Reinsurance • Other, please specify	• Internally classified					

[Add Row]