Air Products & Chemicals, Inc.

2025 CDP Corporate Questionnaire 2025

Word version

Important: this export excludes unanswered questions

This document is an export of your organization's CDP questionnaire response. It contains all data points for questions that are answered or in progress. There may be questions or data points that you have been requested to provide, which are missing from this document because they are currently unanswered. Please note that it is your responsibility to verify that your questionnaire response is complete prior to submission. CDP will not be liable for any failure to do so.

Read full terms of disclosure

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C1. Introduction

(1.1) In which language are you submitting your response?

Select from:
☑ English

(1.2) Select the currency used for all financial information disclosed throughout your response.

Select from:
☑ USD

(1.3) Provide an overview and introduction to your organization.

(1.3.2) Organization type

Select from:
☑ Publicly traded organization

(1.3.3) Description of organization

Air Products is a global industrial gases company operating in approximately 50 countries. Its core business involves producing and selling atmospheric gases (oxygen, nitrogen, argon), process gases (helium, carbon dioxide, carbon monoxide, syngas), and specialty gases. These are delivered through on-site plants for large-volume customers and merchant supply for bulk and packaged gases. The company also designs and manufactures equipment for air separation, gas processing, and cryogenic transport. Its Corporate and Other segment includes turbomachinery and membrane systems. Air Products serves industries such as refining, chemicals, metals, electronics, manufacturing, medical, and food.
[Fixed row]

(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.

(1.4.1) End date of reporting year

(1.4.2) Alignment of this reporting period with your financial reporting period

Select from:
☑ Yes

(1.4.3) Indicate if you are providing emissions data for past reporting years

Select from:
☑ Yes

(1.4.4) Number of past reporting years you will be providing Scope 1 emissions data for

Select from:
☑ 2 years

(1.4.5) Number of past reporting years you will be providing Scope 2 emissions data for

Select from:
☑ 2 years

(1.4.6) Number of past reporting years you will be providing Scope 3 emissions data for

Select from:
☑ 2 years
[Fixed row]

(1.4.1) What is your organization's annual revenue for the reporting period?

12101000000

(1.5) Provide details on your reporting boundary.

(1.5.1) Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?

Select from:
☑ No

(1.5.2) How does your reporting boundary differ to that used in your financial statement?

Air Products uses a financial control boundary, following the GHG Protocol, and we are working to align our financial reporting and GHG reporting boundaries.
[Fixed row]

(1.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ Yes

(1.6.2) Provide your unique identifier

APD

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

[Add row]

(1.7) Select the countries/areas in which you operate.

Select all that apply

☑ Oman

☑ Peru

☑ Chile

☑ China

☑ Egypt

☑ Brazil

☑ Canada

☑ France

☑ Israel

☑ Mexico

☑ Belgium

☑ Bermuda

☑ Czechia

☑ Ecuador

☑ Germany

☑ Malaysia

☑ Portugal

☑ Slovakia

☑ Thailand

☑ Argentina

☑ Switzerland

☑ Saudi Arabia

☑ South Africa

☑ India

☑ Italy

☑ Japan

☑ Qatar

☑ Spain

☑ Norway

☑ Poland

☑ Algeria

☑ Austria

☑ Bahrain

☑ Ireland

☑ Morocco

☑ Nigeria

☑ Romania

☑ Colombia

☑ Indonesia

☑ Singapore

☑ Luxembourg

☑ Uzbekistan

☑ Netherlands

☑ Trinidad and Tobago

☑ United Arab Emirates

☑ United States of America

☑ Taiwan, China ☑ United Kingdom of Great Britain and Northern Ireland
☑ Republic of Korea

(1.8) Are you able to provide geolocation data for your facilities?

(1.8.1) Are you able to provide geolocation data for your facilities?

Select from:
☑ No, this is confidential data

(1.8.2) Comment

Air Products has geolocation data for all facilities included in its annual water inventory. It uses this information for the Aqueduct Water Tools to identify facilities in areas of water stress and other risks.
[Fixed row]

(1.14) In which part of the chemicals value chain does your organization operate?

Bulk inorganic chemicals
☑ Hydrogen
☑ Other industrial gases
☑ Oxygen

Other chemicals
☑ Other, please specify :Membrane separation equipment

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:

☑ Yes, we have mapped or are currently in the process of mapping our value chain

(1.24.2) Value chain stages covered in mapping

Select all that apply
☑ Upstream value chain
☑ Downstream value chain

(1.24.3) Highest supplier tier mapped

Select from:
☑ Tier 1 suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:
☑ Tier 3 suppliers

(1.24.7) Description of mapping process and coverage

Air Products maps its upstream and downstream value chains at tier 1 suppliers, and in some cases further through conflict minerals due diligence. This value chain mapping is managed through enterprise level software and company procurement personnel.
[Fixed row]

(1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of?

(1.24.1.1) Plastics mapping

Select from:
☑ No, and we do not plan to within the next two years

(1.24.1.5) Primary reason for not mapping plastics in your value chain

☑ Not an immediate strategic priority

(1.24.1.6) Explain why your organization has not mapped plastics in your value chain

The principal raw materials for making atmospheric gases and hydrogen are air and energy in the forms of electricity or steam, and natural gas. Packaging is not a significant issue for Air Products because we supply most of our products in reusable two-way bulk or semi-bulk containers, or via pipelines. For small-scale supply in certain regions of the world, we use cylinders that are long life, returnable, and reusable transportable pressure vessels with typical life spans of 10 to 25 years. For these reasons, plastic is not a material issue for the company and therefore it is not mapped or tracked closely.
[Fixed row]

C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

2

(2.1.4) How this time horizon is linked to strategic and/or financial planning

The short term time horizon supports the most pressing and immediate considerations from a strategic and financial perspective.

Medium-term

(2.1.1) From (years)

3

(2.1.3) To (years)

5

(2.1.4) How this time horizon is linked to strategic and/or financial planning

The medium term time horizon supports considerations which are neither short term or long term

Long-term

(2.1.1) From (years)

5

(2.1.2) Is your long-term time horizon open ended?

Select from:
☑ No

(2.1.3) To (years)

30

(2.1.4) How this time horizon is linked to strategic and/or financial planning

The long term time horizon supports the longest term considerations from a strategic and financial perspective. This also matches the upper range of our long term off-take agreements.
[Fixed row]

(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?

	Process in place	Dependencies and/or impacts evaluated in this process
	Select from: ☑ Yes	*Select from:* ☑ Both dependencies and impacts

[Fixed row]

(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	Select from: ☑ Yes	*Select from:* ☑ Both risks and opportunities	*Select from:* ☑ Yes

[Fixed row]

(2.2.2) Provide details of your organization's process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.

Row 1

(2.2.2.1) Environmental issue

Select all that apply
☑ Climate change

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply
☑ Dependencies
☑ Impacts
☑ Risks
☑ Opportunities

16

(2.2.2.3) Value chain stages covered

Select all that apply
☑ Direct operations
☑ Upstream value chain
☑ Downstream value chain

(2.2.2.4) Coverage

Select from:
☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply
☑ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:
☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:
☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply
☑ Short-term
☑ Medium-term
☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:
☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply
☑ Sub-national

(2.2.2.12) Tools and methods used

Enterprise Risk Management
☑ Enterprise Risk Management
☑ Internal company methods

International methodologies and standards
☑ Environmental Impact Assessment
☑ Life Cycle Assessment

Other
☑ Materiality assessment

(2.2.2.13) Risk types and criteria considered

Chronic physical
☑ Changing temperature (air, freshwater, marine water)

Policy
☑ Carbon pricing mechanisms
☑ Changes to international law and bilateral agreements
☑ Changes to national legislation
☑ Lack of mature certification and sustainability standards

☑ Poor coordination between regulatory bodies

Market
☑ Availability and/or increased cost of raw materials
☑ Changing customer behavior

Technology
☑ Transition to lower emissions technology and products

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Customers   ☑ Local communities

☑ Employees

☑ Investors

☑ Suppliers

☑ Regulators

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:
☑ No

(2.2.2.16) Further details of process

No further details

Row 2

(2.2.2.1) Environmental issue

Select all that apply
☑ Water

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply
☑ Dependencies
☑ Impacts
☑ Risks
☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply
☑ Direct operations
☑ Upstream value chain
☑ Downstream value chain

(2.2.2.4) Coverage

Select from:
☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply
☑ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:
☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

20

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply
☑ Short-term
☑ Medium-term
☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:
☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply
☑ Sub-national

(2.2.2.12) Tools and methods used

Enterprise Risk Management
☑ Enterprise Risk Management
☑ Internal company methods

International methodologies and standards
☑ Environmental Impact Assessment

Other
☑ Internal company methods
☑ Materiality assessment

(2.2.2.13) Risk types and criteria considered

Chronic physical
☑ Changing temperature (air, freshwater, marine water)

Policy
☑ Changes to national legislation
☑ Poor coordination between regulatory bodies

Market
☑ Changing customer behavior
☑ Uncertainty in the market signals

Technology
☑ Transition to water intensive, low carbon energy sources

(2.2.2.14) Partners and stakeholders considered

Select all that apply
☑ Customers   ☑ Local communities
☑ Employees
☑ Investors
☑ Suppliers
☑ Regulators

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:
☑ No

(2.2.2.16) Further details of process

No further details
[Add row]

(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

(2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:
☑ Yes

(2.2.7.2) Description of how interconnections are assessed

Air Products assesses the interconnections between environmental dependencies, impacts, risks, and opportunities through a comprehensive evaluation process. The company analyzes how operations depend on environmental inputs such as water, energy, raw materials, and how these dependencies create environmental impacts such as carbon emissions, and waste generation. These impacts, in turn, are linked to risks as detailed in subsequent sections. Overall, through this integrated approach Air Products is able to align our environmental management with long term business goals, ensuring resilience in a changing environmental and regulatory landscape.
[Fixed row]

(2.4) How does your organization define substantive effects on your organization?

Risks

(2.4.1) Type of definition

Select all that apply
☑ Qualitative

(2.4.6) Metrics considered in definition

Select all that apply
☑ Frequency of effect occurring
☑ Time horizon over which the effect occurs
☑ Likelihood of effect occurring

(2.4.7) Application of definition

Air Products defines substantive risks as those risks that could have a material, adverse effect on the Company's business, operating results or financial condition. Material effects are identified in accordance with the definition of materiality under the U.S. federal securities laws. ([a] matter is 'material' if there is a substantial likelihood that a reasonable person would consider it important.) Substantive risks are reported each year in Air Products' Annual Report on Form 10-K and material changes to these risks are reported as needed in Air Products' Quarterly Reports on Form 10-Q

Opportunities

(2.4.1) Type of definition

Select all that apply
☑ Qualitative

(2.4.6) Metrics considered in definition

Select all that apply
☑ Frequency of effect occurring
☑ Time horizon over which the effect occurs
☑ Likelihood of effect occurring

(2.4.7) Application of definition

Air Products defines substantive opportunities as those opportunities that could have a material, positive effect on the Company's business, operating results or financial condition. Material effects are identified in accordance with the definition of materiality under the U.S. federal securities laws. ([a] matter is 'material' if there is a substantial likelihood that a reasonable person would consider it important.)
[Add row]

(2.5) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

(2.5.1) Identification and classification of potential water pollutants

Select from:

☑ Yes, we identify and classify our potential water pollutants

(2.5.2) How potential water pollutants are identified and classified

Our products are typically consumed in our customers' processes and not released to water. For these reasons, and because we control our water discharges, Air Products focuses its identification and classification of potential water pollutants for its direct operations. The primary pollutants in our water discharges include: Chemical Oxygen Demand (COD) Biochemical Oxygen Demand (BOD). Discharges of COD and BOD are reported in metric tons on an annual basis in our Sustainability Report. Air Products' Environmental Health and Safety (EHS) standard, "Air Emissions and Water Discharge Management," establishes requirements for the management of wastewater discharges and storm water discharges at our facilities. Aspects of the procedure include: Applying the procedure at all facilities, globally, defining a pollutant as any material added to water, identifying wastewater discharge sources for the company, compliance with water discharge permits including the maintenance of permits, discharge monitoring, reporting and recordkeeping, prohibiting discharges of water in excess of permit conditions or limits, discharges that create fire, explosion hazards or corrosive conditions and discharges that may interfere with flow to the treatment facility or cause the facility to experience operational difficulties.
[Fixed row]

(2.5.1) Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your activities.

Row 1

(2.5.1.1) Water pollutant category

Select from:
☑ Other nutrients and oxygen demanding pollutants

(2.5.1.2) Description of water pollutant and potential impacts

Chemical Oxygen Demand (COD) is a measure of the oxygen equivalent of the organic matter content of a sample that is susceptible to oxidation by a strong chemical oxidant. High COD levels can reduce the amount of dissolved oxygen streams and negatively affect aquatic life

(2.5.1.3) Value chain stage

Select all that apply
☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Resource recovery

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Water recycling

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

(2.5.1.5) Please explain

Air Products Environmental, Health, and Safety (EHS) standard, "Air Emissions and Water Discharge Management," establishes requirements for the proper management of wastewater discharges and storm water discharges at Air Products' facilities. A pollutant is defined as any discharge to water. This procedure reinforces the need to comply with all permit requirements. It also discusses best management practices. Direct discharges from our air separation units (ASUs) are mainly cooling tower blowdown streams with low chemical oxygen demand (COD) and low biochemical oxygen demand (BOD). Our HyCO (hydrogen, carbon monoxide, and syngas) operations often generate higher COD wastewater streams; however, these are transferred to nearby regulated facilities where COD is effectively treated prior to the water being discharged. Risks associated with COD and BOD are properly managed through compliance with permit requirements and spill prevention programs. Success is measured and evaluated based on our compliance with discharge permit requirements. Compliance with discharge permits is tracked as a success measure. Spill prevention programs prevent the discharge of pollutants. Plans are in place to address spills if they occur. We also work with our water treatment vendors to reduce water consumption through increasing cycles in our cooling towers.

Row 2

(2.5.1.1) Water pollutant category

Select from:

☑ Other nutrients and oxygen demanding pollutants

(2.5.1.2) Description of water pollutant and potential impacts

Biochemical Oxygen Demand (BOD) is a measure of the amount of dissolved oxygen needed by biological organisms to aerobically break down organic matter in water considering time and temperature. High BOD levels can reduce the amount of dissolved oxygen streams and negatively affect aquatic life.

(2.5.1.3) Value chain stage

Select all that apply

26

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Resource recovery

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Water recycling

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

(2.5.1.5) Please explain

Air Products Environmental, Health, and Safety (EHS) standard, "Air Emissions and Water Discharge Management," establishes requirements for the proper management of wastewater discharges and storm water discharges at Air Products' facilities. A pollutant is defined as any discharge to water. This procedure reinforces the need to comply with all permit requirements. It also discusses best management practices. Direct discharges from our air separation units (ASUs) are mainly cooling tower blowdown streams with low chemical oxygen demand (COD) and low biochemical oxygen demand (BOD). Our HyCO (hydrogen, carbon monoxide, and syngas) operations often generate higher COD wastewater streams; however, these are transferred to nearby regulated facilities where COD is effectively treated prior to the water being discharged. Risks associated with COD and BOD are properly managed through compliance with permit requirements and spill prevention programs. Success is measured and evaluated based on our compliance with discharge permit requirements. Compliance with discharge permits is tracked as a success measure. Spill prevention programs prevent the discharge of pollutants. Plans are in place to address spills if they occur. We also work with our water treatment vendors to reduce water consumption through increasing cycles in our cooling towers.
[Add row]

C3. Disclosure of risks and opportunities

(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

Climate change

(3.1.1) Environmental risks identified

Select from:

☑ Yes, both in direct operations and upstream/downstream value chain

Water

(3.1.1) Environmental risks identified

Select from:

☑ No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☑ Environmental risks exist, but none with the potential to have a substantive effect on our organization

(3.1.3) Please explain

Air Products evaluates and defines substantive financial or strategic impacts as those matters that have, or could have, a material effect on the company's business, operating results or financial condition. Material effects are identified in accordance with the definition of materiality under the U.S. federal securities laws. Water has not been identified to be a material risk.

Plastics

(3.1.1) Environmental risks identified

Select from:
☑ No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:
☑ Not an immediate strategic priority

(3.1.3) Please explain

Plastics are not a significant part of Air Products' value chain, and therefore there are no environmental risks associated with plastics.
[Fixed row]

(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.1.1.1) Risk identifier

Select from:
☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Policy
☑ Changes to national legislation

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Over the short-, medium-, and long-term, regulatory regimes governing greenhouse gas (GHG) emissions and other environmental impacts may increase operating costs. However, we estimate that in most cases such increases can be passed on to customers based on standard contractual terms.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased compliance costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Medium

(3.1.1.17) Are you able to quantify the financial effect of the risk?

(3.1.1.26) Primary response to risk

Engagement
☑ Engage with customers

[Add row]

(3.5) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Select from:
☑ Yes

(3.5.1) Select the carbon pricing regulation(s) which impact your operations.

Select all that apply

☑ EU ETS   ☑ Guangdong pilot ETS
☑ Korea ETS   ☑ California CaT - ETS
☑ Ontario EPS - ETS
☑ Tianjin pilot ETS
☑ Alberta TIER - ETS

(3.5.4) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

Our current strategy regarding allowance trading under the various emission trading schemes is to properly manage the compliance obligations of each of our facilities. Air Products pursues operating efficiency improvements wherever possible to minimize our compliance obligation. Where necessary, Air Products will purchase allowances/compliance instruments to satisfy its compliance obligations.

(3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

	Environmental opportunities identified
Climate change	*Select from:* ☑ Yes, we have identified opportunities, and some/all are being realized
Water	*Select from:* ☑ Yes, we have identified opportunities, and some/all are being realized

[Fixed row]

C4. Governance

(4.1) Does your organization have a board of directors or an equivalent governing body?

(4.1.1) Board of directors or equivalent governing body

Select from:
☑ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:
☑ More frequently than quarterly

(4.1.3) Types of directors your board or equivalent is comprised of

Select all that apply
☑ Executive directors or equivalent
☑ Independent non-executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:
☑ Yes, and it is publicly available

(4.1.5) Briefly describe what the policy covers

While the Board has not adopted a formal policy on diversity, the Guidelines provide that, as a whole, the Board should include individuals committed to the highest ethical standards who have a diverse range of skills, competencies, backgrounds and experiences to give the Board depth and breadth in the mix of skills represented. The Board seeks to include an array of skills, perspectives and experience in its overall composition. This mandate is implemented by seeking to identify candidates that bring diverse skill sets, backgrounds and experiences, to the Board when director candidates are needed.
[Fixed row]

(4.1.1) Is there board-level oversight of environmental issues within your organization?

	Board-level oversight of this environmental issue	Primary reason for no board-level oversight of this environmental issue
Climate change	Select from: ☑ Yes	Select from:
Water	Select from: ☑ Yes	Select from:
Biodiversity	Select from: ☑ No, and we do not plan to within the next two years	Select from: ☑ Not an immediate strategic priority

[Fixed row]

(4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board's oversight of environmental issues.

Climate change

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply
☑ Board-level committee

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:
☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

☑ Board mandate

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Approving corporate policies and/or commitments

☑ Approving and/or overseeing employee incentives

☑ Monitoring the implementation of the business strategy

☑ Overseeing reporting, audit, and verification processes

☑ Overseeing and guiding the development of a business strategy

☑ Overseeing and guiding acquisitions, mergers, and divestitures

(4.1.2.7) Please explain

Air Products manages sustainability through an interdisciplinary approach. Our Board of Directors has accountability for oversight of environmental and safety performance, which it reviews at least quarterly. The Corporate Governance and Nominating Committee of the Board has responsibility for monitoring our response to important public policy issues, including sustainability, which the Committee reviews on a regular basis. The Company's Enterprise Risk Management (ERM) Committee determines which risks are most significant, supports the implementation of action plans to address risks, and reports at least annually to the Board of Directors. Air Products' CEO has leadership responsibility for the development and execution of the company's sustainability strategy.

Water

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Board-level committee

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply
☑ Board mandate

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:
☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Approving corporate policies and/or commitments

☑ Overseeing and guiding major capital expenditures

☑ Monitoring the implementation of the business strategy

☑ Overseeing reporting, audit, and verification processes

☑ Overseeing and guiding the development of a business strategy

☑ Overseeing and guiding acquisitions, mergers, and divestitures

☑ Monitoring compliance with corporate policies and/or commitments

(4.1.2.7) Please explain

Air Products manages sustainability through an interdisciplinary approach. Our Board of Directors has accountability for oversight of environmental and safety performance, which it reviews at least quarterly. The Corporate Governance and Nominating Committee of the Board has responsibility for monitoring our response to important public policy issues, including sustainability, which the Committee reviews on a regular basis. The Company's Enterprise Risk Management (ERM) Committee determines which risks are most significant, supports the implementation of action plans to address risks, and reports at least annually to the Board of Directors. Air Products' CEO has leadership responsibility for the development and execution of the company's sustainability strategy.
[Fixed row]

(4.2) Does your organization's board have competency on environmental issues?

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:
☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply
☑ Consulting regularly with an internal, permanent, subject-expert working group
☑ Integrating knowledge of environmental issues into board nominating process
☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience
☑ Executive-level experience in a role focused on environmental issues

Water

(4.2.1) Board-level competency on this environmental issue

Select from:
☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply
☑ Consulting regularly with an internal, permanent, subject-expert working group
☑ Integrating knowledge of environmental issues into board nominating process
☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience

☑ Executive-level experience in a role focused on environmental issues

[Fixed row]

(4.3) Is there management-level responsibility for environmental issues within your organization?

	Management-level responsibility for this environmental issue
Climate change	*Select from:* ☑ Yes
Water	*Select from:* ☑ Yes
Biodiversity	*Select from:* ☑ Yes

[Fixed row]

(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities
☑ Assessing environmental dependencies, impacts, risks, and opportunities
☑ Assessing future trends in environmental dependencies, impacts, risks, and opportunities
☑ Managing environmental dependencies, impacts, risks, and opportunities

Engagement
☑ Managing engagement in landscapes and/or jurisdictions
☑ Managing public policy engagement related to environmental issues

Policies, commitments, and targets
☑ Monitoring compliance with corporate environmental policies and/or commitments
☑ Measuring progress towards environmental corporate targets
☑ Setting corporate environmental policies and/or commitments
☑ Setting corporate environmental targets

Strategy and financial planning
☑ Managing annual budgets related to environmental issues
☑ Implementing the business strategy related to environmental issues
☑ Developing a business strategy which considers environmental issues
☑ Managing acquisitions, mergers, and divestitures related to environmental issues
☑ Managing major capital and/or operational expenditures relating to environmental issues
☑ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

(4.3.1.4) Reporting line

Select from:
☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

☑ Quarterly

(4.3.1.6) Please explain

Air Products' Board of Directors has accountability for oversight of environmental and safety performance, which it reviews at least quarterly. Risk assessment and management is overseen by the Board of Directors, with information reported annually from the Enterprise Risk Management Committee. The Corporate Governance and Nominating Committee of the Board of Directors has responsibility for monitoring our response to important public policy issues, including sustainability, which the Committee reviews on a regular basis. The Sustainability Leadership Council sets our sustainability strategy, reviews programs and performance, related to climate change, water, and biodiversity. The Vice President of Sustainability reports directly to the Corporate Governance and Nominating Committee of the Board on all issues related to sustainability.

Water

(4.3.1.1) Position of individual or committee with responsibility

Executive level
☑ Chief Sustainability Officer (CSO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities
☑ Assessing environmental dependencies, impacts, risks, and opportunities
☑ Assessing future trends in environmental dependencies, impacts, risks, and opportunities
☑ Managing environmental dependencies, impacts, risks, and opportunities

Engagement
☑ Managing engagement in landscapes and/or jurisdictions
☑ Managing public policy engagement related to environmental issues
☑ Managing supplier compliance with environmental requirements
☑ Managing value chain engagement related to environmental issues

Policies, commitments, and targets
☑ Monitoring compliance with corporate environmental policies and/or commitments

☑ Measuring progress towards environmental corporate targets

☑ Measuring progress towards environmental science-based targets

☑ Setting corporate environmental policies and/or commitments

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Developing a climate transition plan

☑ Implementing a climate transition plan

☑ Conducting environmental scenario analysis

☑ Managing annual budgets related to environmental issues

☑ Implementing the business strategy related to environmental issues

☑ Developing a business strategy which considers environmental issues

☑ Managing environmental reporting, audit, and verification processes

☑ Managing acquisitions, mergers, and divestitures related to environmental issues

☑ Managing major capital and/or operational expenditures relating to environmental issues

☑ Managing priorities related to innovation/low-environmental impact products or services (including R&D)

Other

☑ Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

☑ Reports to the board directly

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Annually

(4.3.1.6) Please explain

Air Products' Board of Directors has accountability for oversight of environmental and safety performance, which it reviews at least quarterly. Risk assessment and management is overseen by the Board of Directors, with information reported annually from the Enterprise Risk Management Committee. The Corporate Governance and Nominating Committee of the Board of Directors has responsibility for monitoring our response to important public policy issues, including sustainability, which the Committee reviews on a regular basis. The Sustainability Leadership Council sets our sustainability strategy, reviews programs and performance, related to climate change, water, and biodiversity. The Vice President of Sustainability reports directly to the Corporate Governance and Nominating Committee of the Board on all issues related to sustainability.
[Add row]

(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?

	Provision of monetary incentives related to this environmental issue	Please explain
Climate change	*Select from:* ☑ Yes	*For additional details please refer to Air Products' annual proxy statement.*
Water	*Select from:* ☑ No, and we do not plan to introduce them in the next two years	*For additional details please refer to Air Products' annual proxy statement.*

[Fixed row]

(4.6) Does your organization have an environmental policy that addresses environmental issues?

	Does your organization have any environmental policies?
	Select from:

	Does your organization have any environmental policies?
	☑ Yes

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply
☑ Climate change

(4.6.1.2) Level of coverage

Select from:
☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply
☑ Direct operations

(4.6.1.4) Explain the coverage

Direct operations are covered

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to comply with regulations and mandatory standards

☑ Commitment to take environmental action beyond regulatory compliance

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

☑ No, and we do not plan to align in the next two years

(4.6.1.7) Public availability

Select from:

☑ Publicly available

Row 2

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Water

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

(4.6.1.4) Explain the coverage

Direct operations are covered

(4.6.1.5) Environmental policy content

Environmental commitments
☑ Commitment to comply with regulations and mandatory standards
☑ Commitment to take environmental action beyond regulatory compliance

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply
☑ No, and we do not plan to align in the next two years

(4.6.1.7) Public availability

Select from:
☑ Publicly available

Row 3

(4.6.1.7) Public availability

Select from:
☑ Publicly available
[Add row]

(4.12) Have you published information about your organization's response to environmental issues for this reporting year in places other than your CDP response?

Select from:
☑ Yes

(4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.

Row 1

(4.12.1.1) Publication

Select from:

☑ In voluntary sustainability reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

☑ Climate change

☑ Water

(4.12.1.4) Status of the publication

Select from:

☑ Complete

(4.12.1.5) Content elements

Select all that apply

☑ Strategy

☑ Governance

☑ Emissions figures

☑ Risks & Opportunities

☑ Water accounting figures

☑ Water pollution indicators

☑ Content of environmental policies

(4.12.1.6) Page/section reference

Please see Air Products' annual Sustainability Report for more details.

(4.12.1.7) Attach the relevant publication

Air-Products-2025-Sustainability-Report .pdf

(4.12.1.8) Comment

Please see Air Products' annual Sustainability Report for more details.
[Add row]

C5. Business strategy

(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?

(5.3.1) Environmental risks and/or opportunities have affected your strategy and/or financial planning

Select from:
☑ Yes, both strategy and financial planning
[Fixed row]

(5.11) Do you engage with your value chain on environmental issues?

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Suppliers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change ☑ Water
Customers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change ☑ Water
Investors and shareholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change ☑ Water
Other value chain stakeholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change

	Engaging with this stakeholder on environmental issues	Environmental issues covered
		☑ Water

[Fixed row]

(5.11.5) Do your suppliers have to meet environmental requirements as part of your organization's purchasing process?

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance	Comment
Climate change	*Select from:* ☑ Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts	*Select from:* ☑ Yes, we have a policy in place for addressing non-compliance	*Suppliers must adhere to the Air Products Supplier Code of Conduct.*
Water	*Select from:* ☑ Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts	*Select from:* ☑ Yes, we have a policy in place for addressing non-compliance	*Suppliers must adhere to the Air Products Supplier Code of Conduct.*

[Fixed row]

(5.11.6) Provide details of the environmental requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.

	Comment
Climate change	*Suppliers must adhere to the Air Products Supplier Code of Conduct. Air Products also engages with the EcoVadis supplier evaluation initiative.*
Water	*Suppliers must adhere to the Air Products Supplier Code of Conduct. Air Products also engages with the EcoVadis supplier evaluation initiative.*

[Add row]

(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.

Climate change

(5.11.9.1) Type of stakeholder

Select from:
☑ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing
☑ Educate and work with stakeholders on understanding and measuring exposure to environmental risks
☑ Share information on environmental initiatives, progress and achievements

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Investors and shareholders are regularly engaged to ensure understanding of Air Products' Sustainability Strategy.

(5.11.9.6) Effect of engagement and measures of success

Effective engagement is measured through direct feedback from investors and stakeholders.

Water

(5.11.9.1) Type of stakeholder

Select from:
☑ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing
☑ Educate and work with stakeholders on understanding and measuring exposure to environmental risks
☑ Share information on environmental initiatives, progress and achievements

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Investors and shareholders are regularly engaged to ensure understanding of Air Products' Sustainability Strategy.

(5.11.9.6) Effect of engagement and measures of success

Effective engagement is measured through direct feedback from investors and stakeholders.
[Add row]

C6. Environmental Performance - Consolidation Approach

(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.

Climate change

(6.1.1) Consolidation approach used

Select from:
☑ Financial control

(6.1.2) Provide the rationale for the choice of consolidation approach

Air Products uses a financial control boundary, following the GHG Protocol, and we are working to align our financial reporting and GHG reporting boundaries.

Water

(6.1.1) Consolidation approach used

Select from:
☑ Financial control

(6.1.2) Provide the rationale for the choice of consolidation approach

Air Products aligns water reporting with climate change reporting with the exception of some sites whose water usage is deemed not material.
[Fixed row]

C7. Environmental performance - Climate Change

(7.1) Is this your first year of reporting emissions data to CDP?

Select from:
☑ No

(7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

	Has there been a structural change?
	Select all that apply ☑ No

[Fixed row]

(7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?
	Select all that apply ☑ No

(7.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Select all that apply
☑ Taiwan - GHG Reduction Act
☑ IEA CO2 Emissions from Fuel Combustion
☑ The Greenhouse Gas Protocol: Scope 2 Guidance
☑ US EPA Mandatory Greenhouse Gas Reporting Rule
☑ Korea GHG and Energy Target Management System Operating Guidelines
☑ The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard
☑ The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
☑ European Union Emission Trading System (EU ETS): The Monitoring and Reporting Regulation (MMR) – General guidance for installations
☑ Other, please specify :US Environmentally-Extended Input-Output (USEEIO) Technical Content

(7.3) Describe your organization's approach to reporting Scope 2 emissions.

(7.3.1) Scope 2, location-based

Select from:
☑ We are reporting a Scope 2, location-based figure

(7.3.2) Scope 2, market-based

Select from:
☑ We are reporting a Scope 2, market-based figure

(7.3.3) Comment

Air Products provides market-based Scope 2 based on supplier specific emission factors. Where a supplier specific emission factor is not available, we use a location-based factor.

(7.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?

Select from:

☑ No

(7.5) Provide your base year and base year emissions.

Scope 1

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

16900000

(7.5.3) Methodological details

See Air Products' annual Sustainability Report for more details.

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

10700000

(7.5.3) Methodological details

See Air Products' annual Sustainability Report for more details.

Scope 2 (market-based)

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 2: Capital goods

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

4500000

(7.5.3) Methodological details

Category 3, fuel and energy related activities, includes the upstream emissions related to utilities consumed by Air Products.

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

2500000

(7.5.3) Methodological details

Category 11, emissions from use of sold products, considers sales of CO2, N2O, and refrigerants. For additional details see Air Products' annual Sustainability Report.

Scope 3 category 12: End of life treatment of sold products

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 14: Franchises

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3 category 15: Investments

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

1900000

(7.5.3) Methodological details

Category 15, investments, includes emissions related non-consolidated joint ventures (JV). For additional details see Air Products' annual Sustainability Report.

Scope 3: Other (upstream)

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.

Scope 3: Other (downstream)

(7.5.1) Base year end

12/31/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Air Products did not report this category in CY 2023.
[Fixed row]

(7.6) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

	Gross global Scope 1 emissions (metric tons CO2e)	End date	Methodological details
Reporting year	16900000	Date input [must be between [11/19/2015 - 11/19/2024]	For additional details see Air Products' annual Sustainability Report.
Past year 1	16900000	12/31/2023	CY2023 data
Past year 2	15900000	12/31/2022	CY2022 data

[Fixed row]

(7.7) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

11000000

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e)

11000000

(7.7.4) Methodological details

Air Products provides market-based Scope 2 based on supplier specific emission factors. Where a supplier specific emission factor is not available, we use a location-based factor.

Past year 1

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

10700000

(7.7.3) End date

12/31/2023

(7.7.4) Methodological details

CY2023 data. FY2024 is the first year Air Products has reported market-based Scope 2 emissions

Past year 2

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

10700000

(7.7.3) End date

12/31/2022

(7.7.4) Methodological details

CY2022 data. FY2024 is the first year Air Products has reported market-based Scope 2 emissions
[Fixed row]

(7.8) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.8.1) Evaluation status

Select from:
☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

4300000

(7.8.3) Emissions calculation methodology

Select all that apply
☑ Average data method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Use of sold products

(7.8.1) Evaluation status

Select from:
☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

2100000

(7.8.3) Emissions calculation methodology

Select all that apply
☑ Average data method

Investments

(7.8.1) Evaluation status

Select from:
☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

2100000

(7.8.3) Emissions calculation methodology

Select all that apply
☑ Average data method
[Fixed row]

(7.8.1) Disclose or restate your Scope 3 emissions data for previous years.

Past year 1

(7.8.1.1) End date

12/31/2023

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

4500000

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

2500000

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

1900000

Past year 2

12/31/2022

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

4000000

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

2900000

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

1800000
[Fixed row]

(7.9) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	*Select from:* ☑ Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	*Select from:* ☑ Third-party verification or assurance process in place
Scope 3	*Select from:* ☑ Third-party verification or assurance process in place

67

(7.9.1) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.1.2) Status in the current reporting year

Select from:
☑ Complete

(7.9.1.3) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.1.4) Attach the statement

12577259-LTR-3-Wang-2024-VS-APP-B.pdf

(7.9.1.6) Relevant standard

Select from:
☑ ISO14064-1
[Add row]

(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Row 1

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 market-based

(7.9.2.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

12577259-LTR-3-Wang-2024-VS-APP-B.pdf
[Add row]

(7.9.3) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Row 1

(7.9.3.1) Scope 3 category

Select all that apply

☑ Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)

(7.9.3.2) Verification or assurance cycle in place

Select from:

☑ Annual process

(7.9.3.3) Status in the current reporting year

Select from:

☑ Complete

(7.9.3.4) Type of verification or assurance

Select from:

☑ Limited assurance

(7.9.3.5) Attach the statement

12577259-LTR-3-Wang-2024-VS-APP-B.pdf

(7.9.3.7) Relevant standard

Select from:

☑ ISO14064-1

[Add row]

(7.10) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

(7.10.1) 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.

	Change in emissions (metric tons CO2e)	Direction of change in emissions
Change in output	*300000*	*Select from:* ☑ Increased

[Fixed row]

(7.10.2) Are your emissions performance calculations in 7.10 and 7.10.1 based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Select from:
☑ Location-based

(7.12) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

Select from:
☑ Yes

(7.12.1) Provide the emissions from biogenic carbon relevant to your organization in metric tons CO2.

	CO2 emissions from biogenic carbon (metric tons CO2)	Comment
	30000	*Biogenic emissions are currently not material for Air Products*

[Fixed row]

(7.15) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Select from:

☑ No

(7.19) Break down your organization's total gross global Scope 1 emissions by sector production activity in metric tons CO2e.

	Gross Scope 1 emissions, metric tons CO2e	Comment
Chemicals production activities	*16900000*	*For additional details see Air Products' annual Sustainability Report.*

[Fixed row]

(7.21) Break down your organization's total gross global Scope 2 emissions by sector production activity in metric tons CO2e.

	Scope 2, location-based, metric tons CO2e	Scope 2, market-based (if applicable), metric tons CO2e	Comment
Chemicals production activities	*11000000*	*11000000*	*For additional details see Air Products' annual Sustainability Report.*

[Fixed row]

(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.

	Scope 1 emissions (metric tons CO2e)	Scope 2, location-based emissions (metric tons CO2e)	Scope 2, market-based emissions (metric tons CO2e)
Consolidated accounting group	*16900000*	*11000000*	*11000000*

[Fixed row]

(7.23) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

Select from:
☑ No

(7.28) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

(7.28.1) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

(7.28.2) Describe how you plan to develop your capabilities

Air Products has conducted Life Cycle Assessments (LCAs) of our major products and processes, such as hydrogen, nitrogen, and oxygen production technologies, to assess potential environmental risks and impacts. We also use LCAs to quantify the environmental footprints of products and technologies for comparison to new and competitive offerings. This work is the basis of our approach to understanding the carbon footprints of our products and communicating this information with our customers. Customers interested in product specific carbon footprints should reach out to Air Products for additional information.
[Fixed row]

(7.31) Does your organization consume fuels as feedstocks for chemical production activities?

Select from:
☑ Yes

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

Select all that apply
☑ Intensity target

(7.53.2) Provide details of your emissions intensity targets and progress made against those targets.

Row 1

(7.53.2.1) Target reference number

Select from:
☑ Int 1

(7.53.2.5) Date target was set

09/15/2020

(7.53.2.6) Target coverage

Select from:
☑ Organization-wide

(7.53.2.7) Greenhouse gases covered by target

Select all that apply
☑ Methane (CH4)   ☑ Nitrogen trifluoride (NF3)
☑ Nitrous oxide (N2O)   ☑ Sulphur hexafluoride (SF6)
☑ Carbon dioxide (CO2)
☑ Perfluorocarbons (PFCs)
☑ Hydrofluorocarbons (HFCs)

(7.53.2.8) Scopes

Select all that apply
☑ Scope 1
☑ Scope 2

(7.53.2.9) Scope 2 accounting method

Select from:
☑ Location-based

(7.53.2.11) Intensity metric

Select from:
☑ Other, please specify :kg CO2e / MMBTU product CO2 intensity is the total Scope 1 and 2 CO2e emissions (measured in kg CO2e) divided by to the amount of energy equivalents produced at the same facilities and calendar year (measured in MMBTU)

(7.53.2.12) End date of base year

12/31/2023

(7.53.2.33) Intensity figure in base year for all selected Scopes

0.0000000000

(7.53.2.34) % of total base year emissions in Scope 1 covered by this Scope 1 intensity figure

100

(7.53.2.35) % of total base year emissions in Scope 2 covered by this Scope 2 intensity figure

100

(7.53.2.54) % of total base year emissions in all selected Scopes covered by this intensity figure

100

(7.53.2.55) End date of target

12/31/2030

(7.53.2.56) Targeted reduction from base year (%)

33.3

(7.53.2.57) Intensity figure at end date of target for all selected Scopes

0.0000000000

(7.53.2.58) % change anticipated in absolute Scope 1+2 emissions

0

(7.53.2.80) Intensity figure in reporting year for all selected Scopes

0.0000000000

(7.53.2.81) Land-related emissions covered by target

Select from:

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

(7.53.2.85) Explain target coverage and identify any exclusions

Air Products is currently revising our GHG methodology and therefore not providing an update on our previously stated environmental goals.

(7.53.2.86) Target objective

Reduce emission intensity by 33%

(7.53.2.88) Target derived using a sectoral decarbonization approach

Select from:

☑ No

Row 2

(7.53.2.1) Target reference number

Select from:

☑ Int 2

(7.53.2.5) Date target was set

07/25/2022

(7.53.2.6) Target coverage

Select from:

☑ Organization-wide

(7.53.2.7) Greenhouse gases covered by target

☑ Methane (CH4)   ☑ Nitrogen trifluoride (NF3)

☑ Nitrous oxide (N2O)   ☑ Sulphur hexafluoride (SF6)

☑ Carbon dioxide (CO2)

☑ Perfluorocarbons (PFCs)

☑ Hydrofluorocarbons (HFCs)

(7.53.2.8) Scopes

Select all that apply

☑ Scope 3

(7.53.2.10) Scope 3 categories

Select all that apply

☑ Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

☑ Category 11: Use of sold products

☑ Category 15: Investments

(7.53.2.11) Intensity metric

Select from:

☑ Other, please specify :kg CO2e / MMBTU product CO2 intensity is the total Scope 3 CO2e emissions (measured in kg CO2e) in included categories divided by to the amount of energy equivalents produced at the same facilities and calendar year (measured in MMBTU)

(7.53.2.12) End date of base year

12/31/2023

(7.53.2.32) Intensity figure in base year for total Scope 3

0.0000000000

(7.53.2.33) Intensity figure in base year for all selected Scopes

0.0000000000

(7.53.2.38) % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) covered by this Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) intensity figure

100

(7.53.2.46) % of total base year emissions in Scope 3, Category 11: Use of sold products covered by this Scope 3, Category 11: Use of sold products intensity figure

100.0

(7.53.2.50) % of total base year emissions in Scope 3, Category 15: Investments covered by this Scope 3, Category 15: Investments intensity figure

100.0

(7.53.2.53) % of total base year emissions in Scope 3 (in all Scope 3 categories) covered by this total Scope 3 intensity figure

100.0

(7.53.2.54) % of total base year emissions in all selected Scopes covered by this intensity figure

100.0

(7.53.2.55) End date of target

12/31/2030

(7.53.2.56) Targeted reduction from base year (%)

33.3

(7.53.2.57) Intensity figure at end date of target for all selected Scopes

0.0000000000

(7.53.2.59) % change anticipated in absolute Scope 3 emissions

0

(7.53.2.79) Intensity figure in reporting year for total Scope 3

0.0000000000

(7.53.2.80) Intensity figure in reporting year for all selected Scopes

0.0000000000

(7.53.2.81) Land-related emissions covered by target

Select from:
☑ No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.2.85) Explain target coverage and identify any exclusions

Air Products is currently revising our GHG methodology and therefore not providing an update on our previously stated environmental goals.

(7.53.2.86) Target objective

Reduce emission intensity by 33%

(7.53.2.88) Target derived using a sectoral decarbonization approach

Select from:
☑ No
[Add row]

C9. Environmental performance - Water security

(9.1) Are there any exclusions from your disclosure of water-related data?

Select from:
☑ Yes

(9.1.1) Provide details on these exclusions.

Row 1

(9.1.1.1) Exclusion

Select from:
☑ Facilities

(9.1.1.2) Description of exclusion

The rationale for these exclusions is to ensure our sustainability reporting reflects the water usage of facilities we fully control and manage.

(9.1.1.3) Reason for exclusion

Select from:
☑ Other, please specify :Water inventory boundary

(9.1.1.8) Please explain

Air Products uses a financial control boundary, for reporting on sustainability data, including water inventory. We do not include the following in our water inventory: facilities accounted for as finance leases, or where customers provide and maintain ownership of raw materials for processing. Additionally, water usage for non-consolidated joint ventures is excluded.

Row 2

(9.1.1.1) Exclusion

Select from:
☑ Water aspects

(9.1.1.2) Description of exclusion

Locations use no or small quantities of water.

(9.1.1.3) Reason for exclusion

Select from:
☑ Data is not available

(9.1.1.4) Primary reason why data is not available

Select from:
☑ Judged to be unimportant or not relevant

(9.1.1.8) Please explain

Except for the company's headquarters in Allentown, Pennsylvania, transfill facilities, warehouses, and administrative and sales offices are not included in Air Products' annual water inventory and this response due to the low volume of water these locations consume. Air Products also has excluded small production facilities that are not staffed and/or do not withdraw, consume, or discharge water during operation (i.e., they consume only energy to operate). In the aggregate, these facilities represent less than 5% of the company's total water consumption.
[Add row]

(9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

Water withdrawals – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☑ 76-99

(9.2.2) Frequency of measurement

Select from:
☑ Yearly

(9.2.3) Method of measurement

Supplier invoices, water meters, and engineering estimations.

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:
☑ 76-99

(9.2.2) Frequency of measurement

Select from:
☑ Yearly

(9.2.3) Method of measurement

Supplier invoices, water meters, and engineering estimations.

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:
☑ 76-99

(9.2.2) Frequency of measurement

(9.2.3) Method of measurement

Supplier invoices, water meters, and engineering estimations.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:
☑ 76-99

(9.2.2) Frequency of measurement

Select from:
☑ Yearly

(9.2.3) Method of measurement

Supplier invoices, water meters, and engineering estimations.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:
☑ 76-99

(9.2.2) Frequency of measurement

Select from:
☑ Yearly

(9.2.3) Method of measurement

Supplier invoices, water meters, and engineering estimations.
[Fixed row]

(9.2.2) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

Total withdrawals

(9.2.2.1) Volume (megaliters/year)

70270

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ Lower

Total discharges

(9.2.2.1) Volume (megaliters/year)

21840

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ Lower

Total consumption

(9.2.2.1) Volume (megaliters/year)

48430

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ Lower
[Fixed row]

(9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change.

(9.2.4.1) Withdrawals are from areas with water stress

Select from:
☑ Yes

(9.2.4.2) Volume withdrawn from areas with water stress (megaliters)

16710

(9.2.4.3) Comparison with previous reporting year

Select from:
☑ Higher

(9.2.4.7) % of total withdrawals that are withdrawn from areas with water stress

23.78
[Fixed row]

(9.2.7) Provide total water withdrawal data by source.

Fresh surface water, including rainwater, water from wetlands, rivers, and lakes

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

1340

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ Lower

Groundwater – renewable

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

4500

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ About the same

(9.2.7.5) Please explain

Air Products does not break out water from renewable and non-renewable ground water sources.

Groundwater – non-renewable

(9.2.7.5) Please explain

Air Products does not break out water from renewable and non-renewable ground water sources.

Third party sources

(9.2.7.1) Relevance

Select from:
☑ Relevant

(9.2.7.2) Volume (megaliters/year)

64430

(9.2.7.3) Comparison with previous reporting year

Select from:
☑ Lower
[Fixed row]

(9.2.8) Provide total water discharge data by destination.

Fresh surface water

(9.2.8.1) Relevance

Select from:
☑ Relevant

(9.2.8.2) Volume (megaliters/year)

3780

(9.2.8.3) Comparison with previous reporting year

Select from:
☑ About the same

Brackish surface water/seawater

(9.2.8.1) Relevance

Select from:
☑ Not relevant

Groundwater

(9.2.8.1) Relevance

Select from:
☑ Relevant

(9.2.8.2) Volume (megaliters/year)

90

(9.2.8.3) Comparison with previous reporting year

Select from:
☑ Higher

Third-party destinations

(9.2.8.1) Relevance

Select from:

☑ Relevant

17960

(9.2.8.3) Comparison with previous reporting year

Select from:
☑ Lower
[Fixed row]

(9.4) Could any of your facilities reported in 9.3.1 have an impact on a requesting CDP supply chain member?

Select from:
☑ No facilities were reported in 9.3.1

(9.5) Provide a figure for your organization's total water withdrawal efficiency.

	Revenue (currency)	Total water withdrawal efficiency
	12101000000	*172207.20*

[Fixed row]

(9.6) Do you calculate water intensity for your activities in the chemical sector?

Select from:
☑ No, and we have no plans to do so in the next two years

(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?

90

	Products contain hazardous substances
	Select from: ☑ Yes

[Fixed row]

(9.13.1) What percentage of your company's revenue is associated with products containing substances classified as hazardous by a regulatory authority?

Row 1

(9.13.1.1) Regulatory classification of hazardous substances

Select from:
☑ List of substances (Canadian Environmental Protection Act)

(9.13.1.2) % of revenue associated with products containing substances in this list

Select from:
☑ Less than 10%

(9.13.1.3) Please explain

The majority of Air Products' high-volume liquid/bulk industrial gas products are not toxic, and all products can be handled safely with the appropriate procedures, equipment, and training. Less than two percent of Company revenues are from sales of hazardous substances.

Row 2

(9.13.1.1) Regulatory classification of hazardous substances

☑ Other, please specify :Emergency Planning and Community Right-To-Know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Section 112(r) of the Clean Air Act (also known as the Risk Management Program) (U.S. Regulations)

(9.13.1.2) % of revenue associated with products containing substances in this list

Select from:

☑ Less than 10%

(9.13.1.3) Please explain

The majority of Air Products' high-volume liquid/bulk industrial gas products are not toxic, and all products can be handled safely with the appropriate procedures, equipment, and training. Less than two percent of Company revenues are from sales of hazardous substances.
[Add row]

(9.14) Do you classify any of your current products and/or services as low water impact?

	Products and/or services classified as low water impact
	Select from: ☑ No, and we do not plan to address this within the next two years

[Fixed row]

C11. Environmental performance - Biodiversity

(11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

	Comment
Legally protected areas	*This category is not assessed*
UNESCO World Heritage sites	*This category is not assessed*
UNESCO Man and the Biosphere Reserves	*This category is not assessed*
Ramsar sites	*This category is not assessed*
Key Biodiversity Areas	*This category is not assessed*
Other areas important for biodiversity	*This category is not assessed*

[Fixed row]

C13. Further information & sign off

(13.3) Provide the following information for the person that has signed off (approved) your CDP response.

(13.3.1) Job title

VP, Sustainability

(13.3.2) Corresponding job category

Select from:
☑ Chief Sustainability Officer (CSO)
[Fixed row]

(13.4) Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.

Select from:
☑ No