



Amgen, 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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**C9. Environmental performance - Water security..... 1**

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**C10. Environmental performance - Plastics ..... 1**

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**C11. Environmental performance - Biodiversity ..... 1**

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**C13. Further information & sign off..... 1**

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(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.....	1
(13.3) Provide the following information for the person that has signed off (approved) your CDP response.....	1
(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.....	1

## 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

*Amgen (referred to as “Amgen,” “we,” “our” or the “Company”) is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing, and delivering innovative human therapeutics. This approach begins by using tools like advanced human genetics to unravel the complexities of disease and understand the fundamentals of human biology. Our belief—and the core of our strategy—is that innovative, highly differentiated medicines that provide large clinical benefits in addressing serious diseases are medicines that will not only help patients but also will help reduce the social and economic burden of disease in society today. Our strategy includes integrated activities intended to strengthen our competitive position in the industry. Amgen focuses on areas of high unmet medical need and leverages its expertise to strive for solutions that improve health outcomes and dramatically improve people’s lives. A biotechnology pioneer, Amgen has grown to be one of the world’s leading independent biotechnology companies, has reached millions of patients around the world, and is developing a pipeline of medicines with breakaway potential. As a science-based company, Amgen has a long-standing objective to conduct environmentally responsible operations, and we regularly set targets to challenge ourselves to deliver further improvements. We continue to invest in sustainable operations to reach our 2027 environmental sustainability goals: Achieve carbon neutrality for Amgen-owned and -operated facilities and operations (Scope 1 and 2) (1,2), Reduce water consumption by 40% (3), and Reduce waste disposed by 75%. (3) As part of our 2027 environmental sustainability plan, in 2022, we established a Scope 3 supplier engagement target to engage with 73% of our suppliers by spend in key categories to support their adoption of science-based carbon emission reduction targets. For more information, visit [www.amgen.com](http://www.amgen.com) and follow us on [www.twitter.com/amgen/](http://www.twitter.com/amgen/). Footnotes: 1. Carbon neutrality goal is inclusive of our*

acquisition of Horizon Therapeutics plc (Horizon) in October 2023. 2. The Science Based Targets initiative (SBTi) approved Amgen's Scope 1 and 2 carbon emissions reduction and Scope 3 supplier engagement targets in 2022. 3. Water and waste reductions are measured against a 2019 baseline and consider only verified reduction projects and not changes associated with the contraction or expansion of the Company (e.g., water and waste reduction measurements exclude Horizon ).

[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**

12/31/2024

**(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:

5 years

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

Select from:

5 years

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

Select from:

5 years

[Fixed row]

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

33424000000

**(1.5) Provide details on your reporting boundary.**

	<b>Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?</b>
	Select from: <input checked="" type="checkbox"/> Yes

[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:

Yes

### (1.6.2) Provide your unique identifier

US0311621009

**CUSIP number**

### (1.6.1) Does your organization use this unique identifier?

Select from:

Yes

### (1.6.2) Provide your unique identifier

031162100

**Ticker symbol**

### (1.6.1) Does your organization use this unique identifier?

Select from:

Yes

### (1.6.2) Provide your unique identifier

AMGN

**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

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> China  | <input checked="" type="checkbox"/> Spain   |
| <input checked="" type="checkbox"/> Egypt  | <input checked="" type="checkbox"/> Brazil  |
| <input checked="" type="checkbox"/> India  | <input checked="" type="checkbox"/> Canada  |
| <input checked="" type="checkbox"/> Italy  | <input checked="" type="checkbox"/> France  |
| <input checked="" type="checkbox"/> Japan  | <input checked="" type="checkbox"/> Greece  |
| <input checked="" type="checkbox"/> Israel | <input checked="" type="checkbox"/> Turkey  |
| <input checked="" type="checkbox"/> Mexico | <input checked="" type="checkbox"/> Austria |

- Norway
- Poland
- Sweden
- Denmark
- Finland
- Germany
- Hungary
- Iceland
- Malaysia
- Portugal
- Slovakia
- Slovenia
- Thailand
- Philippines
- Puerto Rico
- Switzerland
- Saudi Arabia
- South Africa
- United Kingdom of Great Britain and Northern Ireland

- Belgium
- Croatia
- Czechia
- Ireland
- Morocco
- Romania
- Bulgaria
- Colombia
- Argentina
- Australia
- Lithuania
- Singapore
- Netherlands
- Taiwan, China
- Republic of Korea
- Russian Federation
- United Arab Emirates
- United States of America

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

	Are you able to provide geolocation data for your facilities?	Comment
	Select from: <input checked="" type="checkbox"/> Yes, for all facilities	Yes, for all facilities in scope

[Fixed row]

**(1.8.1) Please provide all available geolocation data for your facilities.**

**Row 1**

**(1.8.1.1) Identifier**

*West Greenwich, Rhode Island*

**(1.8.1.2) Latitude**

41.657301

**(1.8.1.3) Longitude**

-71.569281

**(1.8.1.4) Comment**

**Row 2**

**(1.8.1.1) Identifier**

*Cambridge, Massachusetts*

**(1.8.1.2) Latitude**

42.366826

**(1.8.1.3) Longitude**

-71.089727

**(1.8.1.4) Comment**

### Row 3

#### (1.8.1.1) Identifier

*Thousand Oaks, California*

#### (1.8.1.2) Latitude

34.191608

#### (1.8.1.3) Longitude

-118.920062

#### (1.8.1.4) Comment

### Row 4

#### (1.8.1.1) Identifier

*Louisville, Kentucky*

#### (1.8.1.2) Latitude

38.20956

#### (1.8.1.3) Longitude

-85.533516

#### (1.8.1.4) Comment

## Row 5

### (1.8.1.1) Identifier

*San Francisco, California*

### (1.8.1.2) Latitude

37.663442

### (1.8.1.3) Longitude

-122.392067

### (1.8.1.4) Comment

## Row 6

### (1.8.1.1) Identifier

*Juncos, Puerto Rico*

### (1.8.1.2) Latitude

18.23702

### (1.8.1.3) Longitude

-65.905113

### (1.8.1.4) Comment

## Row 7

### (1.8.1.1) Identifier

*Dun Laoghaire, Ireland*

### (1.8.1.2) Latitude

53.271119

### (1.8.1.3) Longitude

-6.149951

### (1.8.1.4) Comment

## Row 8

### (1.8.1.1) Identifier

*Breda, Netherlands*

### (1.8.1.2) Latitude

51.588607

### (1.8.1.3) Longitude

4.827929

### (1.8.1.4) Comment

## Row 9

### (1.8.1.1) Identifier

*Cambridge, United Kingdom*

### (1.8.1.2) Latitude

52.235541

### (1.8.1.3) Longitude

0.142873

### (1.8.1.4) Comment

## Row 10

### (1.8.1.1) Identifier

*Burnaby, British Columbia*

### (1.8.1.2) Latitude

49.255059

### (1.8.1.3) Longitude

-122.931961

### (1.8.1.4) Comment

## Row 11

### (1.8.1.1) Identifier

*Sao Paulo, Brazil*

### (1.8.1.2) Latitude

*-23.618546*

### (1.8.1.3) Longitude

*-46.774746*

### (1.8.1.4) Comment

## Row 12

### (1.8.1.1) Identifier

*Singapore, Singapore*

### (1.8.1.2) Latitude

*1.285921*

### (1.8.1.3) Longitude

*103.626587*

### (1.8.1.4) Comment

## Row 13

### (1.8.1.1) Identifier

*Deerfield, Illinois*

### (1.8.1.2) Latitude

*42.15482*

### (1.8.1.3) Longitude

*-87.87837*

### (1.8.1.4) Comment

## Row 14

### (1.8.1.1) Identifier

*Waterford, Ireland*

### (1.8.1.2) Latitude

*54.2421*

### (1.8.1.3) Longitude

*-7.1755*

### (1.8.1.4) Comment

## Row 15

### (1.8.1.1) Identifier

*Rockville, Maryland*

### (1.8.1.2) Latitude

*39.10376*

### (1.8.1.3) Longitude

*-77.18452*

### (1.8.1.4) Comment

*[Add row]*

## (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 2 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

*Amgen uses supplier surveys to understand partial supplier Tier 2/3 context, and we collect Tier 1 supplier Business Continuity information. Amgen also uses a combination of internal and external software tools to map and monitor potential supply chain disruptions.*

*[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:

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

#### (1.24.1.2) Value chain stages covered in mapping

Select all that apply

- Direct operations
- Upstream value chain
- Downstream value chain
- End-of-life management

#### (1.24.1.4) End-of-life management pathways mapped

Select all that apply

- Recycling
  - Waste to Energy
  - Incineration
  - Landfill
- [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)

3

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

*The definition of short-, medium-, and long-term from an enterprise perspective will depend upon the specifics of the topic, risk, initiative, or strategy at hand. For climate-related issues, Amgen's Operations team has defined present day through 2027 as "short-term" because that is the length of time remaining for our current sustainability performance targets.*

### Medium-term

(2.1.1) From (years)

4

(2.1.3) To (years)

11

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

For climate-related issues, Amgen's Operations team has defined "medium-term" as the next upcoming performance period for sustainability targets.

## Long-term

### (2.1.1) From (years)

12

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

Select from:

No

### (2.1.3) To (years)

27

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

To include the long-term aspects of risk screening for future climate scenarios (through 2050), in alignment with international regulations and guidance, for climate-related issues Amgen's Operations team has defined "long-term" to represent a time frame that is two planning cycles ahead of our current sustainability performance targets.

[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:	Select from:

	Process in place	Dependencies and/or impacts evaluated in this process
	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> Both risks and opportunities	Select from: <input checked="" type="checkbox"/> 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

### (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:*

- Partial

### (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:*

- More than once a year

### (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

- Site-specific
- Local
- Sub-national

### (2.2.2.12) Tools and methods used

Enterprise Risk Management

- Enterprise Risk Management
- Internal company methods

International methodologies and standards

- Life Cycle Assessment

Other

- Scenario analysis
- External consultants
- Other, please specify :**EcoVadis**

- ☑ Materiality assessment
- ☑ Internal company methods
- ☑ Partner and stakeholder consultation/analysis

### (2.2.2.13) Risk types and criteria considered

#### Acute physical

- ☑ Drought
- ☑ Tornado
- ☑ Wildfires
- ☑ Heat waves
- ☑ Cold wave/frost
- ☑ Cyclones, hurricanes, typhoons
- ☑ Heavy precipitation (rain, hail, snow/ice)
- ☑ Flood (coastal, fluvial, pluvial, ground water)
- ☑ Storm (including blizzards, dust, and sandstorms)

#### Chronic physical

- ☑ Changing precipitation patterns and types (rain, hail, snow/ice)
- ☑ Changing temperature (air, freshwater, marine water)
- ☑ Changing wind patterns
- ☑ Heat stress
- ☑ Sea level rise

#### Policy

- ☑ Carbon pricing mechanisms
- ☑ Changes to international law and bilateral agreements
- ☑ Changes to national legislation

#### Market

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

#### Reputation

- ☑ Increased partner and stakeholder concern and partner and stakeholder negative feedback

- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)

#### Technology

- Transition to lower emissions technology and products

#### Liability

- Non-compliance with regulations

### (2.2.2.14) Partners and stakeholders considered

Select all that apply

- NGOs
- Customers
- Employees
- Investors
- Suppliers
- Regulators
- Local communities
- Indigenous peoples

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

Select from:

- No

### (2.2.2.16) Further details of process

*Situation: Climate-related risks are managed globally by our Operations Strategy and Business Resilience group in collaboration with our Environmental Sustainability group, which sits in the Global Engineering Department. Designated Amgen site business resilience leaders and key operations stakeholders within Operations, Global Distribution, External Supply, Global Crisis Management, Environment, Health & Safety (EHS), Global Engineering, and Quality routinely document all relevant risks and mitigation plans within local registries. Risk registries and continuity plans are reviewed on an annual basis; risks may reflect financial, reputational, operational, or regulatory impact. The Board of Directors receives regular risk reporting from senior management, including an annual detailed review of the Enterprise Risk Management program and key enterprise-level and emerging risks, as well as during the Board's strategic planning activities, budget reviews and approvals, capital plan reviews and approvals, and through reviews of compliance issues at the applicable Board committees, as appropriate. Task: To align further with international financial disclosure frameworks, including the Task Force on Climate-related Financial Disclosures (TCFD) and regulations such as the Corporate Sustainability Reporting Directive (CSRD), in 2023, the global team worked to define climate risk scenarios, assess transition and physical risks, and develop and*

socialize recommendations. The scenarios were selected with climate, water and biodiversity risks and dependencies in mind. Action: Stakeholders from functions across the enterprise participated in a series of workshops to identify priority climate risks and opportunities. For transition risks, we identified regulatory, market, technology and reputational drivers and identified the vulnerability for different business units' strategies and activities. For physical risks, we performed risk assessments for fifteen Amgen sites and six supplier sites located around the globe to determine climate exposure across scenarios and time horizons. Further assessment was conducted in 2024, with a focus on Amgen's exposure to 100- and 500- year climate risk events. Result: The work revealed that Amgen sites are appropriately mitigated in the near term through current risk and business continuity measures. The supplementary analysis in 2024 showed that Amgen sites are well prepared for 100-year climate risk events, but the severity of 500-year risk events could present financial risk and may require reassessment of site infrastructure in the near-term or medium-term. New regulations, the ability of supply chains to meet new requirements, and the availability of low-emission technology are potential near-term transition risks for Amgen. Resulting efforts to mitigate transition risks include engaging with suppliers on their decarbonization efforts, increasing electrification of our processes, and increasing our use of renewable energy. Furthermore, as a result of this work, the business resilience program was updated to include climate change as a standalone risk that is tracked in the Operations Network Risk Assessment, which considers i) operational risk management; ii) site-level risk management; iii) business continuity; and iv) business intelligence. The program now considers medium- and long-term risks, particularly involving climate change projections, in the overall risk management process.

## 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

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:

- Partial

#### (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

- Site-specific
- Local
- Sub-national

### (2.2.2.12) Tools and methods used

Commercially/publicly available tools

- EcoVadis
- WRI Aqueduct
- WWF Water Risk Filter

Enterprise Risk Management

- Enterprise Risk Management

### (2.2.2.13) Risk types and criteria considered

Acute physical

- Drought
- Tornado
- Wildfires
- Heat waves
- Cold wave/frost
- Cyclones, hurricanes, typhoons
- Heavy precipitation (rain, hail, snow/ice)
- Flood (coastal, fluvial, pluvial, ground water)
- Storm (including blizzards, dust, and sandstorms)

Chronic physical

- Water stress
- Water quality at a basin/catchment level

Market

- Availability and/or increased cost of raw materials
- Inadequate access to water, sanitation, and hygiene services (WASH)

## Reputation

- Stakeholder conflicts concerning water resources at a basin/catchment level

## Technology

- Transition to water efficient and low water intensity technologies and products

### (2.2.2.14) Partners and stakeholders considered

Select all that apply

- NGOs
- Customers
- Employees
- Investors
- Suppliers
- Other, please specify :The stakeholders listed above are our key stakeholders, however, we continue to consider other stakeholders as they are identified.
- Regulators
- Local communities
- Indigenous peoples
- Water utilities at a local level
- Other water users at the basin/catchment level

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

Select from:

- No

### (2.2.2.16) Further details of process

*Amgen takes a holistic approach to our water-related risk assessment to improve our water stewardship in the communities in which we operate globally and to support our mission to serve patients. Amgen understands that water issues are highly localized and specific to their respective geographical locations. Our water-related risk assessment enables us to analyze and develop water-reduction plans, including water-efficiency engineering projects, that prioritize Amgen locations where water stress is the most significant. The tools we employ enable us to consider a robust range of water risks, such as flooding, water quality, regulatory risks, reputational risks, and access to water and sanitation. According to the World Wildlife Fund (WWF) Water Risk Filter and the World Resources Institute (WRI) Aqueduct Water Risk Atlas tools, our sites in Thousand Oaks (California), San Francisco (California), West Greenwich (Rhode Island), Cambridge (Massachusetts), Juncos (Puerto Rico), Breda (Netherlands), Burnaby (Canada), Cambridge (UK), Deerfield (Illinois), Singapore, New Albany (Ohio), and Louisville (Kentucky) are located in geographical areas that experienced water stress in 2024. Using both tools, we identified these sites as water-stressed locations using the tools' risk scores of Medium Risk or higher on the WWF Water Risk Filter tool and a Medium-High (20-40%) or higher on the WRI Aqueduct Water Risk Atlas. Amgen's process annually identifies and assesses water-related risks to our operations such as droughts and impacts on water quantity and quality. Identified risks are evaluated based on their potential for financial and operational impact, their probability, and the expected time horizon and compared cross-functionally. The impact severity can*

be inferred from the estimation of magnitude, frequency, and duration of adverse events. The estimated impact of each risk drives corresponding action that may include risk management activities ranging from water infrastructure efficiency initiatives, water supply monitoring, and water conserving operational controls. All Amgen staff are provided with water that is safe for drinking, sanitation, and hygiene and sourced from local drinking water purveyors. We engage with stakeholders in our communities where we operate, given the importance of water as a resource. We communicate expectations to our key suppliers regarding water risks through our Supplier Code of Conduct and engage through our relationship with a third-party service provider. Our #HealthyPlanet program recognizes staff who create programs/activities that support our sustainability goals. Employees can earn rewards from activities such as implementing a sustainability policy practice for a department or training employees to use equipment more efficiently to reduce our environmental footprint, including our water usage. Our staff also volunteer in their communities. For almost two decades, we have participated in the International Coastal Cleanup initiative. Nineteen Amgen sites joined the effort in 2024 to clean up beaches, parks, or rivers in their communities. The California Coastal Commission has recognized Amgen volunteers for their public service in protecting the natural resources of the California coast

### Row 3

#### (2.2.2.1) Environmental issue

Select all that apply

Biodiversity

#### (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

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:

- Partial

#### (2.2.2.5) Supplier tiers covered

*Select all that apply*

- Tier 1 suppliers

#### (2.2.2.7) Type of assessment

*Select from:*

- Qualitative only

#### (2.2.2.8) Frequency of assessment

*Select from:*

- Annually

#### (2.2.2.9) Time horizons covered

*Select all that apply*

- Short-term

#### (2.2.2.10) Integration of risk management process

*Select from:*

- A specific environmental risk management process

#### (2.2.2.11) Location-specificity used

*Select all that apply*

- Site-specific
- Local
- Sub-national

## (2.2.2.12) Tools and methods used

Commercially/publicly available tools

- Encore tool
- IBAT – Integrated Biodiversity Assessment Tool
- LEAP (Locate, Evaluate, Assess and Prepare) approach, TNFD
- TNFD – Taskforce on Nature-related Financial Disclosures
- WWF Biodiversity Risk Filter

Other

- Other, please specify :EcoVadis

## (2.2.2.13) Risk types and criteria considered

Acute physical

- Drought
- Tornado
- Wildfires
- Heat waves
- Cold wave/frost
- Cyclones, hurricanes, typhoons
- Heavy precipitation (rain, hail, snow/ice)
- Flood (coastal, fluvial, pluvial, ground water)
- Storm (including blizzards, dust, and sandstorms)

Chronic physical

- Sea level rise
- Other chronic physical driver, please specify :**Heat Stress; Changing Wind**

**Patterns; Scarcity of land resources**

- Change in land-use
- Increased ecosystem vulnerability
- Changing temperature (air, freshwater, marine water)
- Changing precipitation patterns and types (rain, hail, snow/ice)

## (2.2.2.14) Partners and stakeholders considered

Select all that apply

- NGOs
- Customers
- Employees
- Investors
- Suppliers
- Regulators
- Local communities
- Indigenous peoples

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

Select from:

- No

### (2.2.2.16) Further details of process

*In 2024, Amgen employed the WWF Biodiversity Risk Filter and internal assessment tools to identify location and site-type risk factors, building on the Taskforce on Nature-related Financial Disclosures (TNFD) gap analysis and screening in 2023. Amgen also published an updated Biodiversity Position Statement in 2024, articulating Amgen's biodiversity context, strategy, objectives and progress. Amgen also performed a site-region biodiversity assessment for Thousand Oaks (California) (headquarters), Puerto Rico and Singapore (manufacturing) to identify biodiversity protection areas and species at risk in site biomes and to support stakeholder engagement. These assessments are helping Amgen understand possible site-specific biodiversity risks and opportunities and will form the foundation for prioritizing future action.*

[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

*Amgen's scenario analysis includes climate and water risks, and opportunities, such as Resource Efficiency, New Financing, and Use of Low Carbon Energy Sources, and aims to address transition risks such as Carbon Pricing Mechanism and Transition to Lower Emission Technology/Products. Amgen seeks to align with the Taskforce on Nature-related Financial Disclosures and is primarily employing the WWF Biodiversity Risk Filter tool to screen different nature and biodiversity risks*

and dependencies, including those impacted by climate change. In 2023, Amgen screened 11 Amgen facilities and six supplier sites, and, in 2024, Amgen focused on assessments at two key Amgen sites. This assessment is informing future risk assessment work that will consider climate change and biodiversity in parallel.  
[Fixed row]

## **(2.3) Have you identified priority locations across your value chain?**

### **(2.3.1) Identification of priority locations**

Select from:

- Yes, we are currently in the process of identifying priority locations

### **(2.3.2) Value chain stages where priority locations have been identified**

Select all that apply

- Direct operations
- Upstream value chain
- Downstream value chain

### **(2.3.3) Types of priority locations identified**

Sensitive locations

- Areas important for biodiversity
- Areas of high ecosystem integrity
- Areas of rapid decline in ecosystem integrity
- Areas of limited water availability, flooding, and/or poor quality of water
- Areas of importance for ecosystem service provision

Locations with substantive dependencies, impacts, risks, and/or opportunities

- Locations with substantive dependencies, impacts, risks, and/or opportunities relating to forests
- Locations with substantive dependencies, impacts, risks, and/or opportunities relating to water
- Locations with substantive dependencies, impacts, risks, and/or opportunities relating to biodiversity

### (2.3.4) Description of process to identify priority locations

*Amgen is primarily employing the WWF Biodiversity Risk Filter tool to screen different nature and biodiversity risks and dependencies*

### (2.3.5) Will you be disclosing a list/spatial map of priority locations?

*Select from:*

No, we do not have a list/geospatial map of priority locations

*[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

Quantitative

#### (2.4.2) Indicator used to define substantive effect

*Select from:*

Direct operating costs

#### (2.4.3) Change to indicator

*Select from:*

Absolute increase

#### (2.4.5) Absolute increase/ decrease figure

*500000*

## (2.4.6) Metrics considered in definition

Select all that apply

- Likelihood of effect occurring

## (2.4.7) Application of definition

*Amgen Strategic Planning and Risk within Operations defines substantive risks by categorizing and assessing the severity of impacts across various domains: personnel injury or illness, environmental impact, market interruption, business interruption, clinical trial delay, financial impact, and compliance. The severity is rated on a scale from 1 (Insignificant) to 9 (Severe), with specific criteria for each level. This wide-ranging approach helps to ensure that potential risks, particularly those related to climate change, are systematically assessed and managed, helping the organization to mitigate and respond effectively to various levels of risk. Insignificant risks (1 on the scale) are defined as no injuries or health impacts, no environmental impact or nonconformance, no market interruption, business delay of less than a day, no clinical program impact, financial impact under \$500K, and no compliance issues. The outcomes of such operational risk assessments should not be construed as a characterization regarding materiality from a U.S. public company reporting perspective. Such metrics are the starting point for assessing importance and further analysis that considers qualitative and other factors can influence the results of any assessment. For further discussion of risks and uncertainties that may have an adverse effect on our business, please see the Risk Factors section of our Annual Report on Form 10-K for the year ended December 31, 2024, filed with the Securities and Exchange Commission.*

## Opportunities

### (2.4.1) Type of definition

Select all that apply

- Qualitative

### (2.4.6) Metrics considered in definition

Select all that apply

- Likelihood of effect occurring

### (2.4.7) Application of definition

*The substantive effects of opportunities are currently not measured.*

## Risks

## (2.4.1) Type of definition

Select all that apply

- Qualitative
- Quantitative

## (2.4.2) Indicator used to define substantive effect

Select from:

- Direct operating costs

## (2.4.3) Change to indicator

Select from:

- Absolute increase

## (2.4.5) Absolute increase/ decrease figure

1000000

## (2.4.6) Metrics considered in definition

Select all that apply

- Likelihood of effect occurring

## (2.4.7) Application of definition

*Amgen Strategic Planning and Risk within Operations defines substantive risks by categorizing and assessing the severity of impacts across various domains: personnel injury or illness, environmental impact, market interruption, business interruption, clinical trial delay, financial impact, and compliance. The severity is rated on a scale from 1 (Insignificant) to 9 (Severe), with specific criteria for each level. This wide-ranging approach helps to ensure that potential risks, particularly those related to climate change, are systematically assessed and managed, helping the organization to mitigate and respond effectively to various levels of risk. Minor risks (3 on the scale) include minor injuries requiring first aid, process failures that hinder pollution control, minimal market interruption (finished goods inventory 0-2 MFC), business delay of 1 day to 2 weeks, delayed Phase 2 clinical program enrollment, financial impact between \$500K and \$1M, and potential regulatory observations. The outcomes of such operational risk assessments should not be construed as a characterization regarding materiality from a U.S. public company reporting perspective. Such metrics are the starting point for assessing importance and further analysis that considers qualitative and other factors can influence the results of*

any assessment. For further discussion of risks and uncertainties that may have an adverse effect on our business, please see the Risk Factors section of our Annual Report on Form 10-K for the year ended December 31, 2024, filed with the Securities and Exchange Commission.

## Risks

### (2.4.1) Type of definition

Select all that apply

- Qualitative
- Quantitative

### (2.4.2) Indicator used to define substantive effect

Select from:

- Direct operating costs

### (2.4.3) Change to indicator

Select from:

- Absolute increase

### (2.4.5) Absolute increase/ decrease figure

10000000

### (2.4.6) Metrics considered in definition

Select all that apply

- Likelihood of effect occurring

### (2.4.7) Application of definition

Amgen Strategic Planning and Risk within Operations defines substantive risks by categorizing and assessing the severity of impacts across various domains: personnel injury or illness, environmental impact, market interruption, business interruption, clinical trial delay, financial impact, and compliance. The severity is rated on a scale from 1 (Insignificant) to 9 (Severe), with specific criteria for each level. This wide-ranging approach helps to ensure that potential risks, particularly those

related to climate change, are systematically assessed and managed, helping the organization to mitigate and respond effectively to various levels of risk. Moderate risks (5 on the scale) are defined as injuries or moderate health impacts, process failures causing repeated nonconformances with environmental release, certain SKU interruptions with product availability, business delay of 2 weeks to 1 month, delayed or halted Phase 3 trials, financial impact between \$1M and \$10M, and systemic regulatory issues impacting multiple Quality Systems. The outcomes of such operational risk assessments should not be construed as a characterization regarding materiality from a U.S. public company reporting perspective. Such metrics are the starting point for assessing importance and further analysis that considers qualitative and other factors can influence the results of any assessment. For further discussion of risks and uncertainties that may have an adverse effect on our business, please see the Risk Factors section of our Annual Report on Form 10-K for the year ended December 31, 2024, filed with the Securities and Exchange Commission.

## Risks

### (2.4.1) Type of definition

Select all that apply

- Qualitative
- Quantitative

### (2.4.2) Indicator used to define substantive effect

Select from:

- Direct operating costs

### (2.4.3) Change to indicator

Select from:

- Absolute increase

### (2.4.5) Absolute increase/ decrease figure

20000000

### (2.4.6) Metrics considered in definition

Select all that apply

- Likelihood of effect occurring

## (2.4.7) Application of definition

*Amgen Strategic Planning and Risk within Operations defines substantive risks by categorizing and assessing the severity of impacts across various domains: personnel injury or illness, environmental impact, market interruption, business interruption, clinical trial delay, financial impact, and compliance. The severity is rated on a scale from 1 (Insignificant) to 9 (Severe), with specific criteria for each level. This wide-ranging approach helps to ensure that potential risks, particularly those related to climate change, are systematically assessed and managed, helping the organization to mitigate and respond effectively to various levels of risk. Major risks (7 on scale) are defined as one or more injuries requiring hospitalization or multiple OSHA-recordable incidents, significant process failures with potential harm to health or environment, market interruption up to 1 month or product launch delay over 6 months, business delay of 1 to 4 months, Phase 3 trial stoppages during enrollment, financial impact between \$10M and \$20M, and significant regulatory commitments or warning letters. The outcomes of such operational risk assessments should not be construed as a characterization regarding materiality from a U.S. public company reporting perspective. Such metrics are the starting point for assessing importance and further analysis that considers qualitative and other factors can influence the results of any assessment. For further discussion of risks and uncertainties that may have an adverse effect on our business, please see the Risk Factors section of our Annual Report on Form 10-K for the year ended December 31, 2024, filed with the Securities and Exchange Commission.*

## Risks

### (2.4.1) Type of definition

*Select all that apply*

- Qualitative
- Quantitative

### (2.4.2) Indicator used to define substantive effect

*Select from:*

- Direct operating costs

### (2.4.3) Change to indicator

*Select from:*

- Absolute increase

### (2.4.5) Absolute increase/ decrease figure

20000001

## (2.4.6) Metrics considered in definition

Select all that apply

- Likelihood of effect occurring

## (2.4.7) Application of definition

*Amgen Strategic Planning and Risk within Operations defines substantive risks by categorizing and assessing the severity of impacts across various domains: personnel injury or illness, environmental impact, market interruption, business interruption, clinical trial delay, financial impact, and compliance. The severity is rated on a scale from 1 (Insignificant) to 9 (Severe), with specific criteria for each level. This wide-ranging approach helps to ensure that potential risks, particularly those related to climate change, are systematically assessed and managed, helping the organization to mitigate and respond effectively to various levels of risk. Severe risks (9 on the scale) are defined as fatalities, process failures creating imminent hazards, market interruption over 1 month, business delay over 4 months, halted Phase 3 trials after enrollment completion, financial impact exceeding \$20M, and potential product recalls or withholding of product approvals. The outcomes of such operational risk assessments should not be construed as a characterization regarding materiality from a U.S. public company reporting perspective. Such metrics are the starting point for assessing importance and further analysis that considers qualitative and other factors can influence the results of any assessment. For further discussion of risks and uncertainties that may have an adverse effect on our business, please see the Risk Factors section of our Annual Report on Form 10-K for the year ended December 31, 2024, filed with the Securities and Exchange Commission.*

[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

*As part of our research and development (R&D), manufacturing change management, and new product introduction processes, Amgen assesses and characterizes potential water pollutants in wastewater to help to ensure safe and compliant waste and wastewater management. We characterize the waste streams and manage them by either substitution, onsite pretreatment, or management of the waste streams at an offsite waste disposal facility. We also perform project-related environmental design reviews and risk assessments on new or modified processes.*

[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:

- Phosphates

**(2.5.1.2) Description of water pollutant and potential impacts**

*Amgen has identified phosphorus and chloride sources within our manufacturing processes. We strive to minimize the discharge of phosphates to publicly owned treatment works by taking actions to minimize their use, implement onsite pretreatment, or segregate them for offsite disposal. Wastewater that is not properly treated has the potential to harm human health and the natural environment. All our facilities are expected to maintain the necessary compliance required by their local regulatory authorities in their respective geographical location.*

**(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

- Industrial and chemical accidents prevention, preparedness, and response
- Provision of best practice instructions on product use
- Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements
- Upgrading of process equipment/methods

**(2.5.1.5) Please explain**

Amgen characterizes the waste streams and manages them by either substitution or onsite pretreatment, or we manage the waste streams at an offsite waste disposal facility. Amgen also mandates that new chemicals brought onsite are assessed by our Environmental, Health and Safety department prior to procurement.

## Row 2

### (2.5.1.1) Water pollutant category

Select from:

- Microplastics and plastic particles

### (2.5.1.2) Description of water pollutant and potential impacts

Wastewater that is not properly treated has the potential to harm human health and the natural environment. Amgen utilizes a variety of plastics in our R&D, manufacturing, final product packaging, and other onsite operations such as our cafeteria food containers. We have begun conducting life cycle analyses related to our use of plastics, and we strive to reduce or substitute plastics where possible. All our facilities are expected to maintain the necessary compliance required by their local regulatory authorities in their respective geographical location.

### (2.5.1.3) Value chain stage

Select all that apply

- Direct operations
- Other, please specify :Product Use Phase

### (2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

- Beyond compliance with regulatory requirements

### (2.5.1.5) Please explain

We have begun conducting life cycle analyses related to our use of plastics, and we strive to reduce or substitute plastics where possible. We have implemented robust plastics recycling programs within our R&D, manufacturing operations, and administrative areas. We engage with our employees and surrounding communities through educational and volunteer outreach events such as International Coastal Cleanup Day and onsite Earth Day fairs.

## Row 3

### (2.5.1.1) Water pollutant category

Select from:

- Other synthetic organic compounds

### (2.5.1.2) Description of water pollutant and potential impacts

*Amgen utilizes a variety of organic solvents in our small molecule R&D and manufacturing operations. We strive to minimize potential impacts from these solvents and synthetic organic compounds by segregating and managing these regulated waste products at offsite disposal facilities. Wastewater that is not properly treated has the potential to harm human health and the natural environment. All our facilities are expected to maintain the necessary compliance required by their local regulatory authorities in their respective geographical location.*

### (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

- Upgrading of process equipment/methods
- Beyond compliance with regulatory requirements
- Reduction or phase out of hazardous substances
- Provision of best practice instructions on product use
- Requirement for suppliers to comply with regulatory requirements
- Industrial and chemical accidents prevention, preparedness, and response

### (2.5.1.5) Please explain

*We strive to minimize potential impacts from these solvents and synthetic organic compounds by segregating and managing these regulated waste products at offsite disposal facilities. In our synthetic organic compound processing operations, we employ stringent chemical hygiene and cleaning practices to minimize potential releases to the environment.*

## Row 4

### (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

*Wastewater that is not properly treated has the potential to harm human health and the natural environment. All our facilities are expected to maintain the necessary compliance required by their local regulatory authorities in their respective geographical location. Amgen characterizes and quantifies oxygen demanding pollutants and other nutrients at our manufacturing facilities. At some of our larger manufacturing sites,, such as Singapore, Puerto Rico, and Rhode Island, we pretreat oxygen-demanding pollutants in our onsite biological wastewater treatment systems. Across the network, we discharge to a municipal wastewater treatment plant or at a permitted outfall.*

### (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

- Beyond compliance with regulatory requirements
- Industrial and chemical accidents prevention, preparedness, and response
- Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

### (2.5.1.5) Please explain

*Amgen characterizes and quantifies oxygen-demanding pollutants and other nutrients at our manufacturing facilities. At some of our larger manufacturing sites such as Singapore, Puerto Rico, and Rhode Island, we pretreat oxygen-demanding pollutants in our onsite biological wastewater treatment systems.*

## Row 5

### (2.5.1.1) Water pollutant category

Select from:

- Oil

### (2.5.1.2) Description of water pollutant and potential impacts

*Wastewater that is not properly treated has the potential to harm human health and the natural environment. All our facilities are expected to maintain the necessary compliance required by their local regulatory authorities in their respective geographical location. Amgen identifies and characterizes our oil-containing waste streams within our utility systems, equipment, and onsite cafeteria operations. We design our facilities with hazardous material spill prevention controls such as secondary containment, oil water separators, and stormwater filtration devices. Where applicable, we develop and implement Spill Prevention Control and Countermeasure Plans and Storm Water Pollution Prevention Plans.*

### (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*

- Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience
- Beyond compliance with regulatory requirements
- Industrial and chemical accidents prevention, preparedness, and response

### (2.5.1.5) Please explain

*Amgen identifies and characterizes our oil-containing waste streams within our utility systems, equipment, and our onsite cafeteria operations. We design our facilities with hazardous material spill prevention controls such as secondary containment, oil water separators, and storm water filtration devices. Where applicable, we develop and implement Spill Prevention Control and Countermeasure Plans and Storm Water Pollution Prevention Plans.*

*[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:*

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

#### 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:*

Evaluation in progress

### (3.1.3) Please explain

*Amgen is currently in a multi-year process of expanding its risk and scenario analysis scopes to include a review of plastics. We have not yet completed our evaluation of Amgen's use of plastics across our value chain.*

*[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

Acute physical

Cyclone, hurricane, typhoon

#### (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*

Puerto Rico

#### (3.1.1.9) Organization-specific description of risk

*Situation: Increased severity and frequency of extreme weather events could affect our Puerto Rico site. Puerto Rico was affected by droughts in mid-2010s and Hurricane Maria in 2017. The critical areas of our manufacturing facilities were not significantly affected by Maria or recent storms. However, electrical service restoration on the island was slow, and our facility operated with electrical power from backup generators until the grid was restored. Task: In 2023, Amgen performed a wide-ranging risk assessment to further our understanding of climate-related physical and transition risks across our value chain, under multiple scenarios and timeframes. Action: The work included an assessment of climate-related risk at our Puerto Rico site. Results: The scenario analysis revealed the possibility of storm-related precipitation and wildfire as physical climate hazards under each scenario until 2030. Multiple engineering mitigation measures have been established or enhanced to reduce or partially mitigate such risks, including a combined heat and power plant, back-up generators, and an on-site wastewater treatment plant enabling water reuse for industrial purposes. We are looking at the feasibility of different renewable energy projects to reduce reliance on the municipal grid and reduce emissions. We will continue to evaluate and implement engineering improvements to prepare for potential increases in extreme weather events and new physical climate risks in the longer term.*

### **(3.1.1.11) Primary financial effect of the risk**

Select from:

- Disruption in production capacity

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

Select all that apply

- Short-term

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

Select from:

- About as likely as not

### **(3.1.1.14) Magnitude**

Select from:

- Medium

### **(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*Physical climate-related impacts at our Puerto Rico facility has the potential to disrupt our supply of medicines to patients, although we have not as of yet experienced such disruption.*

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

Select from:

Yes

### (3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

500000

### (3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

20000000

### (3.1.1.25) Explanation of financial effect figure

*Based on Amgen's risk impact criteria, the minimum financial impact figure is <\$500K and the maximum figure is >\$20M. These values are evaluated every year by Amgen's Strategic Planning and Risk group within the Operations organization. The risk-assessment process breaks down major risks (e.g., hurricanes, earthquakes, fires) into specific sub-risk areas.*

### (3.1.1.26) Primary response to risk

Compliance, monitoring and targets

Implementation of environmental best practices in direct operations

### (3.1.1.27) Cost of response to risk

545000

### (3.1.1.28) Explanation of cost calculation

*\$545,000 represents the approximate cost of the 2023 external consulting fees for climate risk work. Other recent engineering improvements at this site have been implemented, at a cost of over \$54,000,000. The improvements were driven by wider strategic planning and increased capacity needs, but included climate-related efficiencies, redundancies, and resilience considerations.*

### (3.1.1.29) Description of response

*Environmental risks, including potential risks from climate change, are considered at a functional level within Global Engineering; Environment, Health & Safety; and the Operational Strategy and Business Resilience teams, and at a site level within our operating sites. Various functions within the operating sites make up a larger risk community within Amgen that elevates enterprise level risks for consideration in connection with the Amgen Enterprise Risk Management (ERM) process. Enterprise-level risks are compared cross-functionally and organized into an executive-level profile for reporting purposes. Amgen partners with our global insurance broker who advises on corporate insurance companies that provide capital loss and business continuity insurance to support Amgen's insurance program in managing enterprise risk. As part of the insurance package, facility-specific environmental hazards are assessed. Building designs incorporate mitigation measures to reduce associated risks. At the Puerto Rico facility, multiple engineering mitigation measures have been established or enhanced to reduce such risk. The site operates a combined heat and power plant and has back-up power generators for operational continuity. We also upgraded generator controls to improve robustness of automated operation. Roof membranes have been upgraded on critical buildings. The site also has an on-site wastewater treatment plant that treats and reuses water for industrial purposes, reducing reliance on municipal water, for example during an emergency. Additional freezer warehouses have also been added to the site. Amgen is also looking at the feasibility of different renewable energy projects to reduce reliance on the municipal grid and reduce greenhouse gas emissions. Amgen will continue to evaluate and implement additional engineering improvements to prepare for potential increases in extreme weather events and new physical climate risks, such as extreme weather events in the longer term.*

## **Water**

### **(3.1.1.1) Risk identifier**

Select from:

Risk1

### **(3.1.1.3) Risk types and primary environmental risk driver**

Acute physical

Drought

### **(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

### (3.1.1.7) River basin where the risk occurs

Select all that apply

- Other, please specify :North Pacific

### (3.1.1.9) Organization-specific description of risk

*Situation: Amgen operates key R&D, manufacturing, and product warehouse operations in Thousand Oaks, California, a region prone to drought with the potential for water usage restrictions. Furthermore, prolonged drought increases the associated seasonal wildfire risk. A substantial disruption in our ability to operate this manufacturing facility through restricted water supply could significantly and adversely affect our ability to supply our product candidates for use in our clinical trials, leading to delays in the development of our product candidates. Temperature increases and lack of rainfall can exacerbate drought conditions that could extend the wildfire season and increase the likelihood and severity of a fire event. Past wildfire incidents have occurred in areas near our operations that have disrupted normal business operations for very short periods.*

### (3.1.1.11) Primary financial effect of the risk

Select from:

- Disruption in production capacity

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

Select all that apply

- Medium-term

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

Select from:

- About as likely as not

### (3.1.1.14) Magnitude

Select from:

- Medium

### **(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*Physical climate-related impacts at our Thousand Oaks facility may disrupt our supply of medicines to patients.*

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

Select from:

Yes

### **(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)**

1000000

### **(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)**

20000000

### **(3.1.1.25) Explanation of financial effect figure**

*Based on Amgen's risk impact criteria, the minimum financial impact figure is <\$500K and the maximum figure is >\$20M. These values are evaluated every year by Amgen's Strategic Planning and Risk group within the Operations organization. The risk assessment process breaks down major risks into specific sub-risks for each.*

### **(3.1.1.26) Primary response to risk**

Compliance, monitoring and targets

Implementation of environmental best practices in direct operations

### **(3.1.1.27) Cost of response to risk**

545000

### **(3.1.1.28) Explanation of cost calculation**

*\$545,000 represents the approximate cost of the 2023 external consulting fees for climate risk work that considered this risk.*

### (3.1.1.29) Description of response

*In 2020, Amgen set a goal to reduce water consumption by 40% from a 2019 baseline by 2027. This reduction target is incremental to previous water reductions of approximately 30% between 2007 and 2019. In 2023, Amgen performed a wide-ranging risk assessment to further our understanding of climate-related physical risks and transition risks across our value chain under multiple risk scenarios and across short-, medium-, and long-term timeframes (to 2050). The 2023 work included a broad-scale assessment of climate-related risk at Amgen's Thousand Oaks, California, facility. Water scarcity and wildfire risks are short-term physical climate risks at that facility. To reduce the risk associated with water scarcity, Amgen has implemented multiple measures; for example, Amgen Thousand Oaks has executed sustainability projects to implement improved reverse osmosis technologies, manufacturing process improvements such as clean-in-place (CIP) cycles, campus improvements such as low-flow fixtures across administrative spaces, and drought-friendly landscaping to reduce water consumption. Amgen is in the design phase of a campus-wide project to treat and reuse cooling tower blowdown and reverse osmosis reject wastewater to increase the use of recycled water. The site also developed a Wildfire/Red Flag Warning/Severe Weather playbook for actions before, during, and after an event. In 2024, Amgen achieved a cumulative 488,000 cubic meters (CM) of water savings through the execution of sustainability projects across the enterprise. Amgen applies an internal price of water of \$80 per CM as an investment evaluator. Based on historical projects, we determined that \$80 per CM reduced is required to drive innovation and efficiency into internal projects. We evaluate water reduction projects and initiatives for each of our major locations and assess opportunities.*

## Climate change

### (3.1.1.1) Risk identifier

Select from:

Risk2

### (3.1.1.3) Risk types and primary environmental risk driver

Acute physical

Wildfires

### (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

*Situation: Amgen operates R&D, manufacturing and warehouse operations in Thousand Oaks, California, and this location is vulnerable to wildfire risk. A substantial disruption in our ability to operate this manufacturing facility could affect the ability to supply product candidates for use in clinical trials, causing delays in the development of product candidates. Temperature increases and lack of rainfall can exacerbate drought conditions that could extend the wildfire season and increase the likelihood and severity of a fire event. Amgen has taken several precautions to limit operational wildfire impacts; for example, site buildings are constructed with cement walls and fire-resistant roofs. Past wildfire incidents have occurred near our operations that disrupted normal business operations for very short periods. Task: In 2023, Amgen performed a wide-ranging risk assessment to further our understanding of climate-related physical and transition risks across our value chain under multiple risk scenarios across short-, medium- and long-term timeframes. Action: The 2023 risk assessment included an evaluation of risk at Amgen's Thousand Oaks facility. Results: Wildfires and water scarcity are short-term risks. Multiple engineering and disaster prevention measures are in place that reduce water reliance, for example improved reverse osmosis technologies, manufacturing process improvements such as clean-in-place (CIP) cycles, and landscape improvements.*

### (3.1.1.11) Primary financial effect of the risk

Select from:

- Disruption in production capacity

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

Select all that apply

- Short-term

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

Select from:

- About as likely as not

### (3.1.1.14) Magnitude

Select from:

- Medium

### **(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*Physical climate-related impacts at our Thousand Oaks facility may disrupt our supply of medicines to patients.*

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

Select from:

Yes

### **(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)**

500000

### **(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)**

20000000

### **(3.1.1.25) Explanation of financial effect figure**

*Based on Amgen's risk impact criteria, the minimum financial impact figure is <\$500K and the maximum figure is >\$20M. These values are evaluated every year by Amgen's Strategic Planning and Risk group within the Operations organization. The risk assessment process breaks down major risks into specific sub-risks for each.*

### **(3.1.1.26) Primary response to risk**

Compliance, monitoring and targets

Implementation of environmental best practices in direct operations

### **(3.1.1.27) Cost of response to risk**

545000

### **(3.1.1.28) Explanation of cost calculation**

*\$545,000 represents the approximate cost of the 2023 external consulting fees for climate risk work.*

### (3.1.1.29) Description of response

*Environmental risks, including the potential risks from climate change, are considered at a functional level within Global Engineering; Environment, Health & Safety; and the Operational Strategy and Business Resilience teams, and at a site level within our operating sites. Various functions with the operating sites make up a larger risk community within Amgen that elevates enterprise-level risks for consideration in connection with the Amgen Enterprise Risk Management (ERM) process. Amgen partners with our global insurance broker who advises on corporate insurance companies that provide capital loss and business continuity insurance to support Amgen's insurance program in managing enterprise risk. As part of the insurance package, facility-specific environmental hazards are assessed. Multiple engineering and disaster prevention measures are in place at Amgen's Thousand Oaks facility that significantly reduce wildfire risks. To reduce the risk associated with water scarcity, Amgen has already implemented multiple measures, including, for example, innovative improved reverse osmosis technologies that significantly reduce water loss from high-purity water generation, manufacturing process improvements such as clean-in-place (CIP) cycles that significantly reduce water consumption, and landscape improvements to significantly reduce water consumption. Amgen is in the design phase of a campus-wide project to treat and reuse cooling tower blowdown and reverse osmosis reject sanitary wastewater to reduce water needs. The site also developed a Wildfire/Red Flag Warning/Severe Weather playbook for actions before, during, and after an event. Plans are reviewed, exercised periodically, and have been utilized in actual events. Backup generators are available, and hitching posts are installed for all critical buildings. Fuel is stored onsite and is expected to be sufficient for more than two days of operations, and Amgen has a local guaranteed refueling contract.*

## Climate change

### (3.1.1.1) Risk identifier

Select from:

Risk3

### (3.1.1.3) Risk types and primary environmental risk driver

Acute physical

Other acute physical risk, please specify :Acute physical - Cyclone, hurricane, typhoon; Flood (coastal, fluvial, pluvial, groundwater); Heavy precipitation (rain, hail, snow/ice); Storm (including blizzards, dust, and sandstorms); Tornado; Wildfire

### (3.1.1.4) Value chain stage where the risk occurs

Select from:

Upstream value chain

### (3.1.1.6) Country/area where the risk occurs

Select all that apply

- Canada
- Ireland
- Singapore
- Netherlands
- Puerto Rico

- United States of America
- United Kingdom of Great Britain and Northern Ireland

### (3.1.1.9) Organization-specific description of risk

*Situation: Amgen relies on external supply chains for business-critical materials, including certain raw materials, medical devices and components necessary for the manufacturing of our commercial and clinical products. There is a potential for disruption within our global supply chain due to extreme weather events. Our suppliers, vendors, and business partners face similar risks as described in Risk 1 and Risk 2. Task: In 2023, Amgen performed a wide-ranging risk assessment to further our understanding of climate-related physical and transition risks across our value chain under multiple risk scenarios across short-, medium-, and long-term timeframes. Action: The 2023 work included an assessment of risk at key supplier sites with global representation. Results: Wind, precipitation, and wildfire were identified as short-term risks, with a potential for supply chain impacts and interruptions.*

### (3.1.1.11) Primary financial effect of the risk

Select from:

- Disruption in upstream value chain

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

Select all that apply

- Short-term

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

Select from:

- About as likely as not

### (3.1.1.14) Magnitude

Select from:

- Low

### (3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*Increase operational costs, through suppliers' increased costs of operation being passed on to Amgen.*

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

Select from:

Yes

### (3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

500000

### (3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

20000000

### (3.1.1.25) Explanation of financial effect figure

*Based on Amgen's risk impact criteria, the minimum financial impact figure is <\$500K and the maximum figure is >\$20M. These figures depend on the number and importance of external suppliers negatively impacted by severe weather in a given year.*

### (3.1.1.26) Primary response to risk

Engagement

Other engagement, please specify :Amgen worked with an external consultant in 2023 to perform scenario analysis and subsequent climate risk assessments for prioritized sites, including six supplier sites. The 2024 scenario analysis and climate risk assessments were site-based.

### (3.1.1.27) Cost of response to risk

545000

### (3.1.1.28) Explanation of cost calculation

\$545,000 represents the approximate cost of the 2023 external consulting fees for climate risk work.

### (3.1.1.29) Description of response

*Environmental risks, including the potential risks from climate change, are considered at a functional level within Global Engineering; Environment, Health & Safety; and the Operational Strategy and Business Resilience teams, and at a site level within our operating sites. The scope of risk management activities covers Amgen operations and supplier sites. Amgen has multiple mitigation and redundancy measures in place to prevent supply chain disruptions. For example, Amgen has detailed business continuity plans, limits sole-source suppliers, and selects suppliers located in different regions to mitigate the risk of supply disruptions. Each supplier is also expected to have a business continuity plan that includes risk mitigation in the event of extreme weather events or other disruptions.*

## Climate change

### (3.1.1.1) Risk identifier

Select from:

Risk4

### (3.1.1.3) Risk types and primary environmental risk driver

Policy

Carbon pricing mechanisms

### (3.1.1.4) Value chain stage where the risk occurs

Select from:

Upstream value chain

### (3.1.1.6) Country/area where the risk occurs

Select all that apply

Canada

Ireland

Singapore

Netherlands

United States of America

United Kingdom of Great Britain and Northern Ireland

- Puerto Rico

### (3.1.1.9) Organization-specific description of risk

*Situation: Increases in supplier product prices due to carbon tax increases might be short-, medium- and long-term risks for our business. Task: In 2023, Amgen performed scenario analysis to better understand transition climate risk across short-, medium- and long-term timeframes. The potential increase in carbon taxes globally was identified as a regulatory transition risk. Action: Three transition risk climate scenarios were employed to determine value chain risks associated with carbon taxes in the short-term. Results: The scenario analysis revealed that carbon taxes are likely to increase by 2030 in every scenario, though at different rates and with divergent policies across countries and scenarios. Raw materials, contract manufacturers, construction, and device supplier categories are believed to be most at risk if carbon prices increase. Amgen is and will continue to engage with our suppliers on their decarbonization efforts to mitigate this risk*

### (3.1.1.11) Primary financial effect of the risk

Select from:

- Increased indirect [operating] 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

- Short-term

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

Select from:

- About as likely as not

### (3.1.1.14) Magnitude

Select from:

- Medium

### (3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*Increase operational costs, through supplier's increased costs of operation being passed on to Amgen.*

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

Select from:

No

### (3.1.1.26) Primary response to risk

Engagement

Other engagement, please specify :Amgen worked with an external consultant in 2023 to perform scenario analysis and transition risk financial quantification. In 2024, consulting work focused mostly on priority site assessments.

### (3.1.1.27) Cost of response to risk

1045000

### (3.1.1.28) Explanation of cost calculation

*\$1,045,000 represents the approximate cost of the 2023 and 2024 external consulting fees for climate risk work that considered this risk.*

### (3.1.1.29) Description of response

*Environmental risks, including those potential risks from climate change, are considered at a functional level within Global Engineering; Environment, Health & Safety; and the Operational Strategy and Business Resilience teams, and at a site level within our operating sites. Enterprise-level risks are compared cross functionally and organized into an executive-level profile for reporting purposes. Amgen continues to reduce its own emissions through innovation and efficiency. Across our value chain, Amgen continues to engage with our suppliers on their own decarbonization efforts to mitigate carbon tax risk. As part of our 2027 environmental sustainability plan, in 2022, we established a Scope 3 supplier engagement target to engage with 73% of our suppliers by spend in key categories to support their adoption of science-based carbon emission reduction targets. These key suppliers represent approximately 67% of our Scope 3 emissions from a 2019 baseline. In 2024, Amgen achieved our 73% supplier engagement target as a preliminary matter; we intend to maintain or exceed this level of supplier commitment in accordance with our SBTi target through 2027, as our suppliers may change. Amgen is a sponsor of the global pharmaceuticals industry Energize Program, aimed at accelerating adoption of renewable energy and reducing GHG emissions among suppliers. This first-of-its-kind industry program will train pharmaceutical suppliers on renewable energy adoption and increase access to renewable energy sourcing. This gives suppliers – who may not otherwise have the internal resources or expertise available – the opportunity to participate in the market for power purchase agreements (PPAs).*

## Climate change

### (3.1.1.1) Risk identifier

Select from:

- Risk5

### (3.1.1.3) Risk types and primary environmental risk driver

Technology

- Transition to lower emissions technology and products

### (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

- Canada
- Ireland
- Singapore
- Netherlands
- Puerto Rico
- United States of America
- United Kingdom of Great Britain and Northern Ireland

### (3.1.1.9) Organization-specific description of risk

*Situation: Amgen seeks alternatives to fossil fuels to power operations to reduce scope 1 emissions. Where alternatives to fossil fuels are not available in the short-term, we are moving to cleaner-burning fossil fuels to reduce our carbon footprint. Renewable alternatives are becoming increasingly available, but they are still in limited supply at capacities necessary for bioprocess manufacturing operations. At the same time, the price of natural gas is projected to continue to increase in the short-term. Task: Amgen performed a scenario analysis to better understand transition risks across short-, medium- and long-term timeframes (to 2050). The potential increase in the cost of natural gas globally was identified as a technology transition risk. Action: Three transition risk climate scenarios were employed to project natural gas prices. Results: Amgen is factoring in these projected increases in natural gas costs as it continues to develop its roadmap for decarbonization and electrification.*

### (3.1.1.11) Primary financial effect of the risk

Select from:

- Increased direct 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

- Short-term
- Medium-term
- Long-term

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

Select from:

- About as likely as not

### (3.1.1.14) Magnitude

Select from:

- Medium-high

### (3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*Increase operational costs, through higher natural gas costs.*

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

Select from:

- No

### (3.1.1.26) Primary response to risk

## Engagement

Other engagement, please specify :Amgen worked with an external consultant in 2023 to perform scenario analysis and transition risk financial quantification and has set a SBTi-approved carbon emissions Scope 1 and 2 target.

### (3.1.1.27) Cost of response to risk

1045000

### (3.1.1.28) Explanation of cost calculation

*\$1,045,000 represents the approximate cost of the 2023 and 2024 external consulting fees for climate risk work that considered this risk.*

### (3.1.1.29) Description of response

*Amgen is implementing multiple measures across its own operations and its supply chain to reduce fossil-fuel-derived natural gas needs. In 2024, \$22.8 million in capital expenditure was allocated for carbon reduction projects. Our new Ohio facility was designed to be fully electrified and seeks to eliminate reliance on natural gas. More generally, Amgen uses two forms of an internal price on carbon (IPoC) to encourage the design and implementation of projects that reduce energy use and carbon emissions. The first is an Investment Evaluator used by our Investment Lifecycle Management process to evaluate the purchase of innovative and efficient equipment that supports further reductions in carbon. For this evaluation, we apply an internal price of carbon of \$1,600 USD per metric ton (MT) of carbon dioxide equivalent (CO2e) emissions. The second form is an Internal Fee. All Amgen capital projects over \$500K require a sustainability estimate of impact, including impact for carbon. For projects that result in an increase in CO2e emissions by greater than 500 metric tons, we apply an internal fee of \$1,000 USD per metric ton. Proceeds from the internal carbon fee are then added to our overall environmental sustainability budget to fund additional reduction projects. Beyond direct operations, Amgen is engaging and will continue to engage with our suppliers on their decarbonization efforts to mitigate the risk associated with increased carbon taxes. Amgen is factoring in projected increases in natural gas costs as it continues to develop its roadmap for decarbonization and electrification.*

## Climate change

### (3.1.1.1) Risk identifier

Select from:

Risk6

### (3.1.1.3) Risk types and primary environmental risk driver

Technology

- Other technology risk, please specify :Availability of renewable energy

### (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

- China
- Egypt
- India
- Italy
- Japan
- Israel
- Mexico
- Norway
- Poland
- Sweden
- Denmark
- Finland
- Germany
- Hungary
- Iceland
- Malaysia
- Portugal
- Slovakia
- Slovenia
- Thailand
- Spain
- Brazil
- Canada
- France
- Greece
- Turkey
- Austria
- Belgium
- Croatia
- Czechia
- Ireland
- Morocco
- Romania
- Bulgaria
- Colombia
- Argentina
- Australia
- Lithuania
- Singapore
- Netherlands

- Philippines
- Puerto Rico
- Switzerland
- Saudi Arabia
- South Africa
- United Kingdom of Great Britain and Northern Ireland
- Taiwan, China
- Republic of Korea
- Russian Federation
- United Arab Emirates
- United States of America

### (3.1.1.9) Organization-specific description of risk

*Situation: Amgen has SBTi-approved targets that include aspirations to increase our annual sourcing of renewable electricity from 29% in 2019 to 100% by 2027, and to then annually source 100% renewable electricity through 2030. Amgen is continually seeking alternatives to fossil fuels to power operations to reduce scope 1 emissions, including for example, through electrification. The availability of clean, renewable electricity varies across countries and markets. Task: Amgen performed scenario analysis to better understand transition climate risks across short-, medium-, and long-term timeframes. The availability of clean, renewable electricity was identified as a technology transition risk. Action: Amgen performed scenario analysis and modeled renewable, clean electricity availability under different scenarios. We considered three transition risk climate scenarios to project renewable electricity globally across different time horizons. Results: Amgen is factoring in associated projections to secure clean, renewable electricity in the market as these alternatives become available.*

### (3.1.1.11) Primary financial effect of the risk

Select from:

- Increased direct 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

- Short-term
- Medium-term
- Long-term

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

Select from:

- About as likely as not

### (3.1.1.14) Magnitude

Select from:

Medium-high

### (3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*Increase operational costs due to low availability of renewable electricity driving increased prices.*

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

Select from:

No

### (3.1.1.26) Primary response to risk

Compliance, monitoring and targets

Other compliance, monitoring or target, please specify :Amgen worked with an external consultant in 2023 to perform scenario analysis and transition risk financial quantification.

### (3.1.1.27) Cost of response to risk

1045000

### (3.1.1.28) Explanation of cost calculation

*\$1,045,000 represents the approximate cost of the 2023 and 2024 external consulting fees for climate risk work that considered this risk.*

### (3.1.1.29) Description of response

*Amgen's first focus is to minimize energy requirements, through innovative approaches, processes, and efficiency improvements. Next, Amgen factors in global electricity projections to secure clean, renewable electricity in the market as these alternatives become available. At the end of 2024, renewable electricity accounted for more than 90% of our total purchased electricity consumption. Additionally, we have installed on-site solar projects at our Singapore, Netherlands, Ohio,*

and North Carolina facilities. In 2024, we also participated in or sponsored environmental sustainability programs and initiatives to educate suppliers on renewable energy procurement, responsible sourcing, and climate strategies, including setting science-based targets. These programs and initiatives include Energize, the Pharmaceutical Supply Chain Initiative, the Responsible Health Initiative, and My Green Lab's initiative Converge, which helps pharmaceutical suppliers set science-based targets.

## Water

### (3.1.1.1) Risk identifier

Select from:

Risk2

### (3.1.1.3) Risk types and primary environmental risk driver

Acute physical

Cyclone, hurricane, typhoon

### (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

Puerto Rico

### (3.1.1.7) River basin where the risk occurs

Select all that apply

Other, please specify :Rio Grande de Loíza

### (3.1.1.9) Organization-specific description of risk

*An increased severity and frequency of extreme weather events could affect our manufacturing sites, potentially causing a reduction or disruption in production capacity. Puerto Rico was affected by droughts in the mid-2010s and by Hurricane Maria in 2017. These natural disasters may continue to affect properties and the electric grid and communications networks. The critical areas of our commercial manufacturing facilities were not significantly affected by Maria (nor by recent storms). However, electrical service restoration on the island was slow, and our facility operated with electrical power from backup generators until the grid was restored. Further instability of the electric grid could require us to increase generator use.*

#### **(3.1.1.11) Primary financial effect of the risk**

Select from:

- Disruption in production capacity

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

Select all that apply

- Short-term

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

Select from:

- About as likely as not

#### **(3.1.1.14) Magnitude**

Select from:

- Medium

#### **(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*Physical climate-related impacts at our Puerto Rico facility may disrupt our supply of medicines to patients.*

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

Select from:

- Yes

### (3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

1000000

### (3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

20000000

### (3.1.1.25) Explanation of financial effect figure

*These risk impact ranges are the standards for Amgen for these types of risk assessments. The risk assessment process breaks down major risks like hurricanes, earthquakes, and fires into specific sub-risks for each type.*

### (3.1.1.26) Primary response to risk

Compliance, monitoring and targets

Implementation of environmental best practices in direct operations

### (3.1.1.27) Cost of response to risk

545000

### (3.1.1.28) Explanation of cost calculation

*\$545,000 represents the approximate cost of the 2023 external consulting fees for climate risk work that considered this risk.*

### (3.1.1.29) Description of response

*Amgen has taken several precautions to limit the impacts of storm events. Amgen manufacturing sites have redundant power generation sources in the event that severe weather halts operations. Amgen also maintains contracts for fuel replenishment for additional power generators to continue operations. Furthermore, Amgen's Puerto Rico facility operates a highly efficient cogeneration plant to increase redundancy. In 2022, Amgen performed a risk assessment project to improve its understanding of acute climate-related physical risks, including risks to our Puerto Rico site. Hazards were considered across short-, medium-, and long-term timeframes, using scenario RCP 4.5. In 2023, Amgen performed a wide-ranging risk assessment to improve its understanding of acute and chronic climate-related physical and transition risks across our value chain under three scenarios to 2050. The 2023 wide-ranging scenario included a broad-scale assessment of climate-related risks at Amgen's Puerto Rico facility, including acute and chronic risks across multiple timeframes. Results: The scenario analysis revealed storm-related precipitation and wildfire as the highest physical climate hazards under each scenario in the short-term risk (to 2030). Multiple engineering mitigation measures*

already exist at the Puerto Rico facility to reduce water-related risks. For example, the site operates a combined heat and power plant and has emergency power generators for continuity of operations during an extreme weather event. Further, the site also has an on-site wastewater treatment plant that treats and reuses water for industrial purposes, reducing reliance on municipal water, during an emergency. Two additional on-site water wells were constructed to increase capacity during low water supply periods. Amgen will continue to evaluate and implement engineering improvements to prepare for potential increases in extreme weather events and new physical climate risks in the longer term.

## Water

### (3.1.1.1) Risk identifier

Select from:

Risk3

### (3.1.1.3) Risk types and primary environmental risk driver

Acute physical

Other acute physical risk, please specify :Acute physical - Cyclone, hurricane, typhoon; Flood (coastal, fluvial, pluvial, groundwater); Heavy precipitation (rain, hail, snow/ice); Storm (including blizzards, dust, and sandstorms); Tornado; Wildfire

### (3.1.1.4) Value chain stage where the risk occurs

Select from:

Upstream value chain

### (3.1.1.6) Country/area where the risk occurs

Select all that apply

Canada

Ireland

Singapore

Netherlands

Puerto Rico

United States of America

United Kingdom of Great Britain and Northern Ireland

### (3.1.1.7) River basin where the risk occurs

Select all that apply

- Fraser River
- Mississippi River
- Other, please specify :North Atlantic, North Pacific, Rio Grande de Loiza PR, Ohio River Basin

### (3.1.1.9) Organization-specific description of risk

*Situation: Amgen relies on external supply chains for business-critical materials, including certain raw materials, medical devices, and components necessary for the manufacturing of our commercial and clinical products. There is a potential for disruption within our global supply chain due to extreme weather events. Our suppliers, vendors and business partners face similar risks as described in Risk 1 and Risk 2. Task: In 2023, Amgen performed a wide-ranging risk assessment to further our understanding of climate-related physical and transition risks across our value chain under multiple risk scenarios across short-, medium-, and long-term timeframes. Action: The 2023 work included an assessment of risk at key supplier sites with global representation. Results: Wind, precipitation, and wildfire were identified as short-term risks with a potential for supply chain impacts and interruptions.*

### (3.1.1.11) Primary financial effect of the risk

Select from:

- Disruption in upstream value chain

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

Select all that apply

- Short-term

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

Select from:

- About as likely as not

### (3.1.1.14) Magnitude

Select from:

- Low

### (3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*Increase operational costs, through suppliers' increased costs of operation being passed on to Amgen.*

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

Select from:

Yes

### (3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

500000

### (3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

20000000

### (3.1.1.25) Explanation of financial effect figure

*Based on Amgen's risk impact criteria, the minimum financial impact figure is <\$500K and the maximum figure is >\$20M. These figures depend on the number and importance of external suppliers negatively impacted by severe weather in a given year.*

### (3.1.1.26) Primary response to risk

Engagement

Other engagement, please specify :Amgen worked with an external consultant in 2023 to perform scenario analysis and subsequent climate risk assessments for prioritized sites, including six supplier sites. The 2024 scenario analysis and climate risk assessments were site-based.

### (3.1.1.27) Cost of response to risk

545000

### (3.1.1.28) Explanation of cost calculation

\$545,000 represents the approximate cost of the 2023 external consulting fees for climate risk work.

### (3.1.1.29) Description of response

*Environmental risks, including the potential risks from climate change, are considered at a functional level within Global Engineering; Environment, Health & Safety; and the Operational Strategy and Business Resilience teams, and at a site level within our operating sites. The scope of risk management activities covers Amgen operations and supplier sites. Amgen has multiple mitigation and redundancy measures in place to prevent supply chain disruptions. For example, Amgen has detailed business continuity plans, limits sole-source suppliers, and selects suppliers located in different regions to mitigate the risk of supply disruptions. Each supplier is also expected to have a business continuity plan that includes risk mitigation in the event of extreme weather events or other disruptions.*

[Add row]

### (3.1.2) Provide the amount and proportion of your financial metrics from the reporting year that are vulnerable to the substantive effects of environmental risks.

#### Climate change

##### (3.1.2.1) Financial metric

Select from:

Revenue

##### (3.1.2.7) Explanation of financial figures

*These values are considered confidential at this time.*

#### Water

##### (3.1.2.1) Financial metric

Select from:

Revenue

##### (3.1.2.7) Explanation of financial figures

*These values are considered confidential at this time.*

[Add row]

**(3.2) Within each river basin, how many facilities are exposed to substantive effects of water-related risks, and what percentage of your total number of facilities does this represent?**

**Row 1**

**(3.2.1) Country/Area & River basin**

Puerto Rico

Other, please specify :Rio Grande de Loíza

**(3.2.2) Value chain stages where facilities at risk have been identified in this river basin**

*Select all that apply*

Direct operations

**(3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin**

1

**(3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin**

*Select from:*

1-25%

**(3.2.10) % organization's total global revenue that could be affected**

*Select from:*

Unknown

**(3.2.11) Please explain**

In 2024, Amgen identified several sites in our operations, including Puerto Rico, that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct tools. Using the WWF Water Risk Filter's Basin Risk Results, we identified Amgen sites with water stress using the Basin Physical Risk "Risk Score Classification" of 2.6 or higher (Medium Risk or Higher). Using the WRI Aqueduct Water Risk Atlas tool, we identified Amgen sites with water stress using a Water Stress Score of "Medium-High" (20-40%) or higher. According to the WWF Water Risk Filter tool, our Puerto Rico facility is located in a region with Medium Physical Basin Risk. The Physical Basin Risk category includes water availability, drought, flooding, water quality, and ecosystem services. Our Puerto Rico facility has on-site wells and a wastewater treatment plant that treats and reuses water for industrial purposes, reducing reliance on municipal water, including, for example, during an emergency. Puerto Rico's island location in the Caribbean exposes its inbound and outbound value chain transiting through the region to increased Cyclone/hurricane/typhoon and Flooding risk in addition to its own locational risk in those categories. These natural disasters may continue to affect properties and the electric grid and communications networks.

## Row 2

### (3.2.1) Country/Area & River basin

United States of America

Other, please specify :North Pacific Ocean Basin

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

2

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.10) % organization's total global revenue that could be affected

Select from:

Unknown

### (3.2.11) Please explain

In 2024, Amgen identified several sites in our operations that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct tools, including Amgen's Thousand Oaks and San Francisco facilities. Using the WWF Water Risk Filter's Basin Physical Risk Results, we identified Amgen sites with water stress using the "Risk Score Classification" of 2.6 or higher (Medium Risk or Higher). According to the WWF Water Risk Filter tool, our Thousand Oaks facility is located in a region with High Physical Basin Risk and our San Francisco facility is located in a region with Medium Physical Basin Risk. The Physical Basin Risk category includes water availability, drought, flooding, water quality, and ecosystem services. To reduce the risk associated with water scarcity, Amgen has implemented multiple measures, including innovative improved reverse osmosis technologies, manufacturing process improvement such as clean-in-place (CIP) cycles, and landscape improvements to significantly reduce water consumption. Amgen is in the design phase of a campus-wide project to treat and reuse cooling tower blowdown and reverse osmosis reject wastewater to reduce water needs.

### Row 3

#### (3.2.1) Country/Area & River basin

United States of America

Other, please specify :North Atlantic (447)

#### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

#### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

3

#### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

#### (3.2.10) % organization's total global revenue that could be affected

Select from:

Unknown

### (3.2.11) Please explain

*In 2024, Amgen identified several sites in our operations that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct Tools, including West Greenwich, Rhode Island, and Cambridge, Massachusetts. Using the WWF Water Risk Filter's Basin Physical Risk Results, we identified Amgen sites with water stress using the "Risk Score Classification" of 2.6 or higher (Medium Risk or Higher). Using the WRI Aqueduct Water Risk Atlas tool, we identified Amgen sites with Water Stress using a Water Stress Score of "Medium-High" (20-40%) or higher. According to the WWF Water Risk filter Tool, our Rhode Island facility and our Massachusetts facility are both located in a region with Medium Physical Basin Risk. The Physical Basin Risk category includes water availability, drought, flooding, water quality, and ecosystem services. Feasibility and design studies for the potential implementation of on-site wastewater treatment plants are underway for our Rhode Island and Massachusetts facilities that would then enable these sites to capture and reuse an increased amount of water from the facilities' operations, reducing local demand for municipal water, as water issues are highly localized to each geographic location.*

### Row 4

#### (3.2.1) Country/Area & River basin

United States of America

Mississippi River

#### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

#### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

1

#### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

#### (3.2.10) % organization's total global revenue that could be affected

Select from:

Unknown

### (3.2.11) Please explain

*In 2024, Amgen identified several sites in our operations that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct tools, including Deerfield, Illinois, a site integrated from the 2023 Horizon Therapeutics plc acquisition. According to the WWF Water Risk Filter tool, our Deerfield, IL facility is located in a region with Medium Physical Basin Risk. The Physical Basin Risk category includes water availability, drought, flooding, water quality, and ecosystem services.*

## Row 5

### (3.2.1) Country/Area & River basin

Singapore

Other, please specify :Malay Peninsula (526)

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

1

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.10) % organization's total global revenue that could be affected

Select from:

Unknown

### (3.2.11) Please explain

*In 2024, Amgen identified several sites in our operations that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct tools, including our manufacturing facility in Singapore. According to the WWF Water Risk Filter tool, our Singapore facility is located in a region with Medium Physical Basin Risk. The Physical Basin Risk category includes water availability, drought, flooding, water quality, and ecosystem services. Many of our operations and facilities, including those essential to our manufacturing, R&D, and distribution activities, are in locations that are subject to natural disasters, including droughts, fires, extreme temperatures, hurricanes, tropical storms, and floods. The severity and frequency of weather-related natural disasters has been amplified by, and is expected to continue to be amplified by, global climate change. Such natural disasters have caused, and in the future may cause, damage to and/or disrupt our operations, which may result in a material adverse effect on our product sales, business, and results of operations. Our suppliers, vendors, and business partners also face similar risks, and any disruption to their operations could have an adverse effect on our supply and manufacturing chain. Many of our key facilities are located on islands, including Puerto Rico, Singapore, and Ireland, which rely on essential port facilities that may be vulnerable to climate change-related or other natural disasters. Although we have detailed business continuity plans in place and periodic assessments of our natural disaster risk, any natural disaster may also result in prolonged interruption to our critical operational and business activities, and we may be required to incur significant costs to remedy the effects of such natural disasters and fully resume operations, which may result in a material adverse effect on our product sales, business, and results of operations.*

### Row 6

#### (3.2.1) Country/Area & River basin

Netherlands

Other, please specify :North Sea

#### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

#### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

1

#### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.10) % organization's total global revenue that could be affected

Select from:

Unknown

### (3.2.11) Please explain

*In 2024, Amgen identified several sites in our operations that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct tools, including our manufacturing facility in Breda, Netherlands. Using the WWF Water Risk Filter's Basin Physical Risk Results, we identified Amgen sites with water stress using the "Risk Score Classification" of 2.6 or higher (Medium Risk or Higher).*

### Row 7

### (3.2.1) Country/Area & River basin

United Kingdom of Great Britain and Northern Ireland

Other, please specify :North Sea

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

1

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.10) % organization's total global revenue that could be affected

Select from:

Unknown

### (3.2.11) Please explain

In 2024, Amgen identified several sites in our operations that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct tools, including our administrative facility in Cambridge, United Kingdom. Using the WWF Water Risk Filter's Basin Risk Results, we identified Amgen sites with water stress using the "Risk Score Classification" of 2.6 or higher (Medium Risk or Higher).

## Row 8

### (3.2.1) Country/Area & River basin

Canada

Fraser River

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

1

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.10) % organization's total global revenue that could be affected

Select from:

Unknown

### (3.2.11) Please explain

*In 2024, Amgen identified several sites in our operations that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct tools, including our laboratory facility in Burnaby, Canada. Using the WWF Water Risk Filter's Basin Physical Risk Results, we identified Amgen sites with water stress using the "Risk Score Classification" of 2.6 or higher (Medium Risk or Higher).*

### Row 9

#### (3.2.1) Country/Area & River basin

United States of America

Other, please specify :Ohio River Basin

#### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

*Select all that apply*

Direct operations

#### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

2

#### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

*Select from:*

1-25%

#### (3.2.10) % organization's total global revenue that could be affected

*Select from:*

Unknown

### (3.2.11) Please explain

In 2024, Amgen identified several sites in our operations that are in water-stressed areas using the WWF Water Risk Filter and WRI Aqueduct tools, including our manufacturing facility in New Albany, Ohio. Using the WRI Aqueduct's Water Risk Atlas tool, we identified our facility in Ohio as having Medium-High baseline water stress.

## Row 10

### (3.2.1) Country/Area & River basin

Ireland

Other, please specify :Ireland Basin

### (3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

Direct operations

### (3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

2

### (3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

1-25%

### (3.2.10) % organization's total global revenue that could be affected

Select from:

Unknown

### (3.2.11) Please explain

Many of our operations and facilities, including those essential to our manufacturing, R&D, and distribution activities, are in locations that are subject to natural disasters, including droughts, fires, extreme temperatures, hurricanes, tropical storms, and floods. The severity and frequency of weather-related natural disasters has been amplified by, and is expected to continue to be amplified by, global climate change. Such natural disasters have caused, and in the future may cause,

damage to and/or disrupt our operations, which may result in a material adverse effect on our product sales, business, and results of operations. Our suppliers, vendors, and business partners also face similar risks, and any disruption to their operations could have an adverse effect on our supply and manufacturing chain. Many of our key facilities are located on islands, including Puerto Rico, Singapore, and Ireland, which rely on essential port facilities that may be vulnerable to climate change-related or other natural disasters. Although we have detailed business continuity plans in place and periodic assessments of our natural disaster risk, any natural disaster may also result in prolonged interruption to our critical operational and business activities, and we may be required to incur significant costs to remedy the effects of such natural disasters and fully resume operations, which may result in a material adverse effect on our product sales, business, and results of operations.

[Add row]

**(3.3) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?**

	Water-related regulatory violations	Comment
	Select from: <input checked="" type="checkbox"/> No	Amgen did not receive any fines, enforcement orders, or other penalties for water-related regulatory violations in 2024.

[Fixed 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

- BC carbon tax
- California CaT - ETS
- Ireland carbon tax
- Singapore carbon tax

Other carbon tax, please specify :UK Climate Change Levy

**(3.5.2) Provide details of each Emissions Trading Scheme (ETS) your organization is regulated by.**

**California CaT - ETS**

**(3.5.2.1) % of Scope 1 emissions covered by the ETS**

0

**(3.5.2.2) % of Scope 2 emissions covered by the ETS**

0

**(3.5.2.3) Period start date**

01/01/2024

**(3.5.2.4) Period end date**

12/31/2024

**(3.5.2.5) Allowances allocated**

8768

**(3.5.2.6) Allowances purchased**

0

**(3.5.2.7) Verified Scope 1 emissions in metric tons CO<sub>2</sub>e**

21869

**(3.5.2.8) Verified Scope 2 emissions in metric tons CO<sub>2</sub>e**

0

### (3.5.2.9) Details of ownership

Select from:

Facilities we own and operate

### (3.5.2.10) Comment

*Currently, Amgen's facility located in Thousand Oaks, California, is deemed a General Market Participant - Previously Covered under the California Air Resources Board (CARB) Cap-and-Trade Program. Please note that the reported allowances were allocated in 2014 as compliance instruments and have not been sold or exchanged; hence, they still remain in our active account balance. The regulation defines a General Market Participant as an organization that does not meet the requirements of a Covered Entity or an Opt-in Covered Entity and that intends to purchase, hold, sell, or voluntarily retire compliance instruments.*

[Fixed row]

### (3.5.3) Complete the following table for each of the tax systems you are regulated by.

#### BC carbon tax

##### (3.5.3.1) Period start date

01/01/2024

##### (3.5.3.2) Period end date

12/31/2024

##### (3.5.3.3) % of total Scope 1 emissions covered by tax

0

##### (3.5.3.4) Total cost of tax paid

39944.3

### **(3.5.3.5) Comment**

*Carbon tax applied to natural gas consumption at our Burnaby, British Columbia facility in Canada.*

### **Ireland carbon tax**

#### **(3.5.3.1) Period start date**

01/01/2024

#### **(3.5.3.2) Period end date**

12/31/2024

#### **(3.5.3.3) % of total Scope 1 emissions covered by tax**

2.77

#### **(3.5.3.4) Total cost of tax paid**

269758.92

### **(3.5.3.5) Comment**

*Carbon tax applied to natural gas consumption at our Dun Laoghaire and Waterford facilities.*

### **Singapore carbon tax**

#### **(3.5.3.1) Period start date**

01/01/2024

#### **(3.5.3.2) Period end date**

12/31/2024

**(3.5.3.3) % of total Scope 1 emissions covered by tax**

0

**(3.5.3.4) Total cost of tax paid**

0

**(3.5.3.5) Comment**

*As a reportable but not taxable facility, Amgen Singapore does not have a carbon tax liability, being well under the 25,000 tCO<sub>2</sub>e annual threshold.*

**Other carbon tax, please specify**

**(3.5.3.1) Period start date**

01/01/2024

**(3.5.3.2) Period end date**

12/31/2024

**(3.5.3.3) % of total Scope 1 emissions covered by tax**

0

**(3.5.3.4) Total cost of tax paid**

5432.49

**(3.5.3.5) Comment**

*UK Climate Change Levy applied to electricity consumption (Scope 2) at our Cambridge facility in Great Britain. Fees are in pound sterling and were converted to USD as of December 31, 2024.*

*[Fixed row]*

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

*Amgen has developed a database of current and impending global, EU, country-wide, and local carbon and climate change regulations. This database identifies associated requirements, applicability to Amgen, and timelines to help maintain compliance. Amgen has also engaged a third-party firm to conduct certain global sustainability regulation scanning to support our awareness of pending and approved reporting requirements applicable to Amgen entities. Amgen is also participating in multiple industry-specific task groups that focus on tracking and addressing climate-related regulations. As applicable regulations come into force, Amgen has established multifunctional teams to address compliance with such requirements. For example, Amgen has allocated resources to comply with the Carbon Border Adjustment Mechanisms regulations. Amgen has set carbon neutrality and supplier engagement targets through 2027 that were approved by the SBTi in August 2022, in part, to help meet the requirements of current and proposed carbon regulations and pricing systems. Amgen continues to reduce its own emissions through innovation and efficiency. Amgen has created a streamlined, more economical plant blueprint for biomanufacturing that is considerably more sustainable compared to conventional manufacturing plant design. Amgen Ecovation™ is our approach to innovative and sustainable manufacturing, which we integrate into the upfront design, development, and execution of new laboratory, manufacturing, and administrative buildings. This innovative approach has enabled Amgen to reduce plant energy consumption by over 70% compared to legacy conventional manufacturing processes (as of September 30, 2024, for our manufacturing facilities located in Rhode Island and Singapore). Amgen has also established two forms of an internal price on carbon (IPoC) to encourage the design and implementation of projects that reduce energy use and carbon emissions. Across our value chain, Amgen is engaging, and will continue to engage, with our suppliers on their own decarbonization efforts to mitigate carbon tax risk. Amgen is also a sponsor of the global pharmaceuticals industry Energize program, aimed at accelerating adoption of renewable energy and reducing GHG emissions among suppliers. This first-of-its-kind industry program will train pharmaceutical suppliers on renewable energy adoption and increase access to renewable energy sourcing. This gives suppliers – who may not otherwise have the internal resources or expertise available – the opportunity to participate in the market for power purchase agreements (PPAs).*

### (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: <input checked="" type="checkbox"/> Yes, we have identified opportunities, and some/all are being realized
Water	Select from: <input checked="" type="checkbox"/> Yes, we have identified opportunities, and some/all are being realized

[Fixed row]

**(3.6.1) Provide details of the environmental opportunities 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

### (3.6.1.1) Opportunity identifier

Select from:

Opp1

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

Resource efficiency

Increased efficiency of production and/or distribution processes

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

Canada

United States of America

Ireland

Singapore

Netherlands

Puerto Rico

### (3.6.1.8) Organization specific description

*Situation: Amgen has created a streamlined, more economical plant blueprint for biomanufacturing that is considerably more sustainable compared to conventional manufacturing plant design. Amgen Ecovation™ is our approach to innovative and sustainable manufacturing, which we integrate into the upfront design,*

development, and execution of new laboratory, manufacturing, and administrative buildings. This innovative approach has enabled Amgen to reduce plant energy consumption by over 70% compared to legacy conventional manufacturing processes (as of September 30, 2024, for our manufacturing facilities located in Rhode Island and Singapore), while increasing reliability. We pioneered this approach with our biomanufacturing plants in Singapore and Rhode Island (USA). Task: The approach was incorporated into our new facilities in Ohio and North Carolina (USA). Result: Amgen's Ohio and North Carolina plants are expected to decrease their associated carbon footprint by over 4,665 metric tons per year compared to American Society of Heating, Refrigerating and Air-Conditioning Engineer (ASHRAE) industry standards.

### (3.6.1.9) Primary financial effect of the opportunity

Select from:

- Reduced indirect (operating) costs

### (3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term

### (3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

- Virtually certain (99–100%)

### (3.6.1.12) Magnitude

Select from:

- Medium-high

### (3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*Reduced operating costs*

### (3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

No

### (3.6.1.25) Explanation of cost calculation

*The cost includes construction costs spent on buildings and sites that incorporated Amgen Ecovation(TM), including our Singapore, Rhode Island, North Carolina, and Ohio facilities.*

### (3.6.1.26) Strategy to realize opportunity

*Our application of Amgen Ecovation(TM) is aligned with our 2027 carbon neutrality goal. Amgen also has SBTi-approved targets that include reducing absolute Scope 1 and 2 greenhouse gas emissions 55% by 2027 from a 2019 baseline, increasing annual sourcing of renewable electricity from 29% in 2019 to 100% by 2027, and thereafter annually sourcing 100% renewable electricity through 2030. We incorporated Amgen Ecovation(TM) into our new Ohio and North Carolina (USA) facilities. Amgen performed project life cycle assessment and enhanced commissioning for the mechanical systems and building envelopes at our Ohio and North Carolina facilities. Energy models and mass balances were used to identify resource utilization and analyze design and operation for environmental sustainability opportunities. Our Ohio facility was designed to be fully electrified to eliminate Scope 1 emissions. Ground-mounted solar projects are being installed at both sites, with an additional roof-mounted system in North Carolina. Submeters have also been installed on utilities systems to improve real-time tracking of energy use, identify losses, and optimize system performance. Additionally, in 2024, Amgen's San Francisco R&D facility relocated into a LEED certified building, resulting in significant carbon savings from a modern cooling tower, low-flow fixtures, and SmartStack (TM) system adaptations driving efficiency.*

## Water

### (3.6.1.1) Opportunity identifier

Select from:

Opp2

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

Capital flow and financing

Access to new financing options

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- Canada
- Ireland
- Singapore
- Netherlands
- Puerto Rico
- United States of America

### (3.6.1.6) River basin where the opportunity occurs

Select all that apply

- Fraser River
- Other, please specify :North Atlantic 447, North Pacific 446, North Sea 638, Ireland, Malay Peninsula 526, Ohio, Rio Grande de Loíza - Puerto Rico

### (3.6.1.8) Organization specific description

*Situation: Amgen's approach to sustainability is grounded in our mission to serve patients. Task: In 2020, Amgen announced new environmental sustainability goals for 2027, including targets to achieve carbon neutrality for Amgen-owned and -operated facilities and operations (Scope 1 and 2) and to reduce water consumption by 40% and waste disposed by 75% from a 2019 baseline (1). In 2022, the Science Based Targets initiative (SBTi) approved Amgen's Scope 1 and 2 emissions targets. In February 2022, Amgen issued its inaugural \$750 million green bond, with a 3.00% semi-annual coupon and maturing in 2029, to advance such environmental goals. Results: The net proceeds of the Green Bond issuance were allocated to the construction of our Ohio facility (\$300 million), the construction of our North Carolina facility (\$361 million), the Amgen Ecovation(TM) biomanufacturing plant in Rhode Island (\$74 million), the redesign and upgrade of our wastewater treatment operations in our Singapore facility to reduce our water usage (\$11 million), and to support other eco-efficient operations across our facilities (\$4 million). (1) Carbon neutrality goal is inclusive of our acquisition of Horizon Therapeutics plc (Horizon) in October 2023. Reductions in waste and water consider only verified reduction projects, not changes associated with the contraction or expansion of the Company and are measured against a 2019 baseline (e.g., waste and water reduction measurements exclude Horizon).*

### (3.6.1.9) Primary financial effect of the opportunity

Select from:

- Increased access to capital

### (3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

Short-term

### (3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

Virtually certain (99–100%)

### (3.6.1.12) Magnitude

Select from:

High

### (3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*This opportunity supports the development of sustainable projects associated with significant cost savings and therefore increased cash flows for Amgen.*

### (3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

Yes

### (3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

600000

### (3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

40000000

### (3.6.1.23) Explanation of financial effect figures

*The values provided represent the advantageous difference of the Green Bond compared with standard financing.*

### (3.6.1.24) Cost to realize opportunity

750000000

### (3.6.1.25) Explanation of cost calculation

*The value of the Green Bond was \$750,000,000*

### (3.6.1.26) Strategy to realize opportunity

*Amgen's Green Bond's proceeds were allocated to eligible investments and expenditures, including green buildings, renewable energy, and eco-efficient operations. Action: To support the advancement of our 2027 goals, we issued \$750 million of green bonds in 2022, the net proceeds of which have been fully allocated to finance eligible projects that met specific criteria to reduce our impact on the environment. (For more information, please see our Green Bond Allocation Report available at [www.amgen.com](http://www.amgen.com).)*

## Climate change

### (3.6.1.1) Opportunity identifier

Select from:

Opp3

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

Energy source

Use of low-carbon energy sources

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

Puerto Rico

### **(3.6.1.8) Organization specific description**

*Situation: Amgen's Puerto Rico facility is committed to reducing the carbon intensity of its energy mix to align with Amgen's Scopes 1 and 2 2027 carbon neutrality goal. Fossil fuels are currently imported to the island for direct combustion to power electricity production. Puerto Rico electricity supply is primarily from combustion of low-quality diesel fuel, making electrification a sustainability challenge in the near term. The Puerto Rico Energy Public Policy Act set a goal in 2019 to transition from imported fossil fuels to 100% renewable energy by 2050. However, renewable energy production on the island is currently low. Task: The Amgen Puerto Rico site is replacing the use of diesel with liquified natural gas (LNG) wherever possible as an interim step. Action: The LNG project is currently in an execution phase. The project includes infrastructure and piping upgrades to accommodate LNG, including installing storage tanks, containment areas, vaporizer units, transfer pumps, ancillary equipment and new access roads. Two existing boilers are being modified to accommodate using LNG as the primary fuel with diesel capability used, if necessary, as backup to LNG for business continuity.*

### **(3.6.1.9) Primary financial effect of the opportunity**

Select from:

Returns on investment in low-emission technology

### **(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization**

Select all that apply

Short-term

### **(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon**

Select from:

Virtually certain (99–100%)

### **(3.6.1.12) Magnitude**

Select from:

High

### **(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*This opportunity will have an impact on the financial position of the organization. However, the LNG project is a strategic initiative to achieve Amgen's 2027 ambition.*

### **(3.6.1.15) Are you able to quantify the financial effects of the opportunity?**

Select from:

Yes

### **(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)**

8700000

### **(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)**

8700000

### **(3.6.1.23) Explanation of financial effect figures**

*The project is anticipated to deliver a positive net present value of \$8,700,000 in the short term.*

### **(3.6.1.24) Cost to realize opportunity**

39000000

### **(3.6.1.25) Explanation of cost calculation**

*The total anticipated cost is \$39,000,000.*

### **(3.6.1.26) Strategy to realize opportunity**

*The LNG project is a strategic initiative to help achieve Amgen's 2027 ambition.*

## **Climate change**

### **(3.6.1.1) Opportunity identifier**

Select from:

Opp4

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

Stronger competitive advantage

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

Ireland

Netherlands

Singapore

United Kingdom of Great Britain and Northern Ireland

United States of America

### (3.6.1.8) Organization specific description

*Situation: The uptick in sustainability informational requests may impact our ability to operate in various markets. For example, sustainability questions are having an increasing impact on overall tender scores. Task: Some customers, including government healthcare services, hospital districts, hospital buyer collectives, private hospitals, and nursing homes, require environmental sustainability and climate disclosures. For example, the United Kingdom (UK) National Health Service (NHS) requires suppliers, including Amgen, to develop and publish a Carbon Reduction Plan for UK operation. Action: Amgen successfully responded to multiple customer sustainability requests in 2024. Results: Amgen developed a Carbon Reduction Plan that detailed emissions data, emission targets and current and proposed carbon reduction projects.*

### (3.6.1.9) Primary financial effect of the opportunity

Select from:

Increased revenues resulting from increased demand for products and services

### (3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

Short-term

### (3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

Virtually certain (99–100%)

### (3.6.1.12) Magnitude

Select from:

High

### (3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*This opportunity helps to ensure that Amgen can continue to supply medicines to markets requesting sustainability information.*

### (3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

No

### (3.6.1.24) Cost to realize opportunity

25500

### (3.6.1.25) Explanation of cost calculation

*This cost represents consulting costs to assist in the collection of data for the Carbon Reduction Plan.*

### (3.6.1.26) Strategy to realize opportunity

*In 2024, we managed 90 requests across 18 countries, 24 of which contained sustainability requirements. As part of these responses, Amgen developed a Carbon Reduction Plan in alignment with the UK NHS requirements. Results: The development and maintenance of the Carbon Reduction Plan will support Amgen's ability to continue supplying medicines to its largest customer in the UK. Amgen also continued its development of Life Cycle Assessment resources, tools, and data to support sales tender sustainability attribute responses.*

## Climate change

### (3.6.1.1) Opportunity identifier

Select from:

Opp5

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

Energy source

Use of renewable energy sources

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

Netherlands

Singapore

United Kingdom of Great Britain and Northern Ireland

United States of America

### (3.6.1.8) Organization specific description

*Situation: Amgen has a target to utilize 100% electricity from renewable sources by 2027 as part of its SBTi commitments. In 2024, Amgen purchased more than 90% renewable electricity globally across our facilities. Task: To increase renewable energy use, Amgen is incorporating on-site photovoltaic (PV) electricity production as*

part of its energy strategy. Action: Amgen has evaluated the feasibility of the installation of PV panels at more than five additional sites in North America, Europe, and Asia. These feasibility studies incorporated many considerations, including permitting and interconnectivity, technical advances, utility grid reliability, demand vs. output, and return on investment. Extensive modeling was performed to assist the feasibility studies.

### **(3.6.1.9) Primary financial effect of the opportunity**

Select from:

Other, please specify :Although on-site PV generally generates a negative NPV, Amgen has committed to source 100% renewable electricity. The reported positive financial effect is the cost of purchased kWh of electricity that is replaced by on-site solar production.

### **(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization**

Select all that apply

Short-term

### **(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon**

Select from:

More likely than not (50–100%)

### **(3.6.1.12) Magnitude**

Select from:

Low

### **(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*This opportunity helps ensure that Amgen can continue to supply medicines to markets in accordance with relevant environmental sustainability regulations, and/or markets with customers that have environmental sustainability expectations.*

### **(3.6.1.15) Are you able to quantify the financial effects of the opportunity?**

Select from:

Yes

### (3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

0

### (3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

500000

### (3.6.1.23) Explanation of financial effect figures

*Estimates were made based on on-site solar PV production at Singapore, Netherlands, United Kingdom, and USA (Ohio) facilities and approximate purchased electricity costs.*

### (3.6.1.24) Cost to realize opportunity

22569000

### (3.6.1.25) Explanation of cost calculation

*Estimates were made based on actuals to the end of 2024 and forecasted project costs, based on Amgen's project controls methodologies. Note, the financial values are negative values.*

### (3.6.1.26) Strategy to realize opportunity

*Amgen has performed PV feasibility studies for its global manufacturing sites. These feasibility studies incorporated many considerations, including permitting and interconnectivity, technical advances, utility grid reliability, demand vs. output, and return on investment. Extensive modeling was performed to assist the feasibility studies. Based on the results of the feasibility studies and modeling exercises, PV panels were installed at Amgen's Singapore facility in 2022 with additional PV panels installed at our Singapore facility in 2023, as well as at our Ohio and North Carolina facilities. In 2024, we installed rooftop solar panels on a building at Amgen Singapore's site. This is in addition to roof-top solar panels at our Breda facility in the Netherlands and the previously installed solar panels on top of another building at Amgen Singapore. 2024 solar PV projects at Amgen's Singapore manufacturing facility achieved a 435 MT reduction in carbon emissions. Ohio and North Carolina projects were executed in 2024. Result: Once fully operational, the solar projects are expected to reduce plant electricity consumption by approximately 20% in Ohio, 13% in North Carolina, and 7% at the Singapore facility (cumulative total). Associated greenhouse gas emissions reductions are projected to exceed 1,100 metric tons. The installation of on-site renewable electricity contributes to Amgen's 2027 carbon neutrality ambition and SBTi targets.*

## Water

### (3.6.1.1) Opportunity identifier

Select from:

Opp3

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

Resource efficiency

Reduced water usage and consumption

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

Puerto Rico

Singapore

United States of America

### (3.6.1.6) River basin where the opportunity occurs

Select all that apply

Other, please specify :North Atlantic 447; North Pacific 446; Rio Grande de Loíza, Puerto Rico; Malay Peninsula

### (3.6.1.8) Organization specific description

*Our Singapore and Puerto Rico manufacturing facilities have implemented their own on-site wastewater treatment plants to capture and reuse water from throughout their operations. Amgen utilizes this recycled water in non-manufacturing operations, such as in cooling towers and boiler feed. Our use of recycled water reduces water withdrawals from municipal sources and is particularly important for sites located in water-stressed regions. In 2023, Amgen identified several sites in our operations that are located in water-stressed areas including our sites in West Greenwich, Rhode Island; Cambridge, Massachusetts; and Thousand Oaks, California. In 2024, Amgen undertook feasibility and design studies for the potential implementation of an on-site water reclamation project for our Thousand Oaks site that would enable the site to recapture and reuse an increased amount of water from throughout the facilities' operations.*

### **(3.6.1.9) Primary financial effect of the opportunity**

Select from:

- Reduced direct costs

### **(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization**

Select all that apply

- Short-term

### **(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon**

Select from:

- Likely (66–100%)

### **(3.6.1.12) Magnitude**

Select from:

- Medium

### **(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons**

*This opportunity is expected to reduce cost of operations and help to ensure continuity of operations during prolonged periods of drought.*

### **(3.6.1.15) Are you able to quantify the financial effects of the opportunity?**

Select from:

- No

### **(3.6.1.25) Explanation of cost calculation**

*We consider these calculations confidential at this time.*

### **(3.6.1.26) Strategy to realize opportunity**

Water reclamation projects are underway at our Puerto Rico and Thousand Oaks, California sites that would enable these sites to recapture and reuse water. Projects at our Rhode Island and Singapore sites achieved reuse of reject water for cooling tower water. These projects reduce local demand for municipal water, as water issues are understood to be highly localized to each geographic location. These projects are important to help Amgen meet its 2027 water reduction goal.

## Water

### (3.6.1.1) Opportunity identifier

Select from:

- Opp1

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

Resource efficiency

- Increased efficiency of production and/or distribution processes

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- Canada
- Ireland
- Singapore
- Netherlands
- Puerto Rico
- United States of America
- United Kingdom of Great Britain and Northern Ireland

### (3.6.1.6) River basin where the opportunity occurs

Select all that apply

Fraser River

Other, please specify :North Atlantic 447, North Pacific 446, North Sea 638, Ireland, Rio Grande de Loíza Puerto Rico, Malay Peninsula 526, Ohio

### (3.6.1.8) Organization specific description

*Amgen aims to conduct its operations in an environmentally responsible manner. We have successfully advanced our environmental sustainability program since 2007 while increasing our global production capacity and expanding our presence to ~100 countries. In 2020, we introduced our latest environmental sustainability targets to reduce water intake by 40% from base year 2019. Amgen has experienced increased business activity including higher manufacturing output as we serve more patients globally, investments in our new Ohio facility, and the acquisition of Horizon. In 2024, total water withdrawals were higher than in 2023, but with production sustainability improvements, we are still making steady progress toward our goal. (Water reductions consider only verified reduction projects, not changes associated with the contraction or expansion of the Company.) We have implemented multiple water efficiency projects such as reverse osmosis reduced water reject, return and reuse of steam condensate, optimizing cycles of concentration on cooling towers, and other recycle/reuse water projects. We embed environmental sustainability in the business as we expand operations. Amgen Ecovation™ is our approach to innovative and sustainable manufacturing, which we embed into the upfront design, development and execution of new laboratory, manufacturing, and administrative buildings—by using cutting-edge technologies to be more efficient and environmentally friendly than traditional plants.*

### (3.6.1.9) Primary financial effect of the opportunity

Select from:

Reduced direct costs

### (3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

Short-term

### (3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

Likely (66–100%)

### (3.6.1.12) Magnitude

Select from:

Low

### (3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*This opportunity is expected to reduce cost of operations and help to ensure continuity of operations during prolonged periods of drought.*

### (3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

No

### (3.6.1.25) Explanation of cost calculation

*We consider these calculations confidential at this time.*

### (3.6.1.26) Strategy to realize opportunity

*Water reductions across our Amgen network are primarily achieved through the implementation of water-efficiency projects, designing innovative new facilities, water treatment and recycling efforts, and other strategic initiatives such as the prioritization of our water-stressed sites. Investing in sustainable operations can also improve efficiency and create value. Water conservation, efficiency, and reclamation projects are underway at many sites across the Amgen enterprise. Water reclamation involves treatment and beneficial reuse of water that would otherwise be sent as effluent. A notable efficiency improvement project was executed at our Puerto Rican facility where we reduced our discarded water from an ultra-high purity water purification process by 91,000 cubic meters of water per year. These actions reduce local demand for municipal water, as water issues are understood to be highly localized to each geographic location. These projects are important to help Amgen in meeting its 2027 water reduction ambition. Further global initiatives in 2024 included: assessing water meters to identify opportunities for water reductions at our sites, innovating new manufacturing technologies, implementing green building design into new facilities expected to achieve LEED ratings, retrofitting existing facilities with green-building principles such as low-flush toilets, and increasing the use of recycled water at our sites.*

## Climate change

### (3.6.1.1) Opportunity identifier

Select from:

Opp2

### (3.6.1.3) Opportunity type and primary environmental opportunity driver

## Capital flow and financing

- Access to new financing options

### (3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Direct operations

### (3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- Canada
- Ireland
- Singapore
- Netherlands
- Puerto Rico
- United States of America

### (3.6.1.8) Organization specific description

*Situation: Amgen's approach to sustainability is grounded in our mission to serve patients. Task: In 2020, Amgen announced new environmental sustainability goals for 2027 including targets to achieve carbon neutrality for Amgen-owned and -operated facilities and operations (Scopes 1 and 2) and to reduce water consumption by 40% and waste disposed by 75% from a 2019 baseline (1). In 2022, the Science Based Targets initiative (SBTi) approved Amgen's Scope 1 and 2 emissions targets. In February 2022, Amgen issued its inaugural \$750 million green bond, with a 3.00% semi-annual coupon and maturing in 2029, to advance such environmental goals. Results: The net proceeds of the Green Bond issuance were allocated to the construction of our Ohio facility (\$300 million), the construction of our North Carolina facility (\$361 million), the Amgen Ecovation(TM) biomanufacturing plant in Rhode Island (\$74 million), the redesign and upgrade of our wastewater treatment operations in our Singapore facility to reduce our water usage (\$11 million), and to support other eco-efficient operations across our facilities (\$4 million). (1) Carbon neutrality goal is inclusive of our acquisition of Horizon Therapeutics plc (Horizon) in October 2023. Reductions in waste and water consider only verified reduction projects, not changes associated with the contraction or expansion of the Company and are measured against a 2019 baseline (e.g., waste and water reduction measurements exclude Horizon).*

### (3.6.1.9) Primary financial effect of the opportunity

Select from:

- Increased access to capital

### (3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

Short-term

### (3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

Virtually certain (99–100%)

### (3.6.1.12) Magnitude

Select from:

High

### (3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

*This opportunity supports the development of sustainable projects associated with significant cost savings and therefore increased cash flows for Amgen.*

### (3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

Yes

### (3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

600000

### (3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

40000000

### (3.6.1.23) Explanation of financial effect figures

The values provided represent the advantageous difference of the Green Bond compared with standard financing.

### (3.6.1.24) Cost to realize opportunity

750000000

### (3.6.1.25) Explanation of cost calculation

The value of the Green Bond was \$750,000,000

### (3.6.1.26) Strategy to realize opportunity

Amgen's Green Bond's proceeds were allocated to eligible investments and expenditures, including green buildings, renewable energy, and eco-efficient operations. Action: To support the advancement of our 2027 goals, we issued \$750 million of green bonds in 2022, the net proceeds of which have been fully allocated to finance eligible projects that met specific criteria to reduce our impact on the environment. (For more information, please see our Green Bond Allocation Report available at [www.amgen.com](http://www.amgen.com).)

[Add row]

## (3.6.2) Provide the amount and proportion of your financial metrics in the reporting year that are aligned with the substantive effects of environmental opportunities.

	Financial metric	Explanation of financial figures
Climate change	Select from: <input checked="" type="checkbox"/> CAPEX	The values are considered confidential at this time.
Water	Select from: <input checked="" type="checkbox"/> CAPEX	The values are considered confidential at this time.
Climate change	Select from: <input checked="" type="checkbox"/> OPEX	The values are considered confidential at this time.

	Financial metric	Explanation of financial figures
Water	Select from: <input checked="" type="checkbox"/> OPEX	<i>The values are considered confidential at this time.</i>

[Add 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

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

*Board member qualifications and composition are described in Amgen's Proxy Statement (p21-45) and Appendix A therein. The Governance and Nominating Committee and Board consider diversity in their determinations of director candidates and seek representation across a range of attributes. Diversity is broadly construed to take into consideration many factors, including industry knowledge, operational experience, scientific and academic expertise, geography, and personal background.*

#### (4.1.6) Attach the policy (optional)

[Fixed row]

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

	Board-level oversight of this environmental issue
Climate change	Select from: <input checked="" type="checkbox"/> Yes
Water	Select from: <input checked="" type="checkbox"/> Yes
Biodiversity	Select from: <input checked="" type="checkbox"/> Yes

[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

- Chief Executive Officer (CEO)
- 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

Other policy applicable to the board, please specify :CEO responsible for Amgen operations; Corporate Responsibility and Compliance Committee oversees Amgen's compliance program, including environmental sustainability, and receives regular updates from management, as noted here and in our annual Proxy.

### (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

Monitoring compliance with corporate policies and/or commitments

Overseeing the setting of corporate targets

Monitoring progress towards corporate targets

Overseeing and guiding the development of a business strategy

Approving and/or overseeing employee incentives

### (4.1.2.7) Please explain

*Climate and environmental sustainability related issues are reviewed with Amgen's Chief Executive Officer (CEO), who also serves as Chair of the Board of Directors, and the CEO direct reports, as needed. The CEO and CEO direct reports monitor progress against goals and targets through our corporate sustainability governance processes. The Corporate Responsibility and Compliance Committee (CRCC) assists the Board with oversight of Amgen's activities in areas that include environmental sustainability, including water and climate-related issues. In 2024, management regularly reported to the CRCC on the Company's sustainability strategies, and conservation goals progress (carbon, water, waste disposed), including on climate and matters related to our Science Based Targets Initiative (SBTi) target. The CRCC meets at least four times per year. In 2024, the CRCC met five times. The Compensation and Management Development Committee oversees human capital management, as well as executive talent management, development, and succession planning. This Committee also oversees Amgen's compensation policies and practices, and its incentive program administration and design, including the sustainability-related goal in our 2024 annual incentive plan applicable to all staff members. The Committee meets at least four times per year, and in 2024, it met six times. In 2024, the Compensation and Management Development Committee approved, and the Company successfully executed on, a sustainability goal to continue to support the timely achievement of our 2027 environmental*

sustainability targets. In 2024, the sustainability goal under our annual cash incentive plan was weighted at 5% of the total Company performance goals, of which a portion is related to our environmental sustainability activities. The Company reported on its 2024 annual incentive plan outcomes in its Proxy Statement. Frequency and policies are listed that apply to this issue, not for every Position.

## Water

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

Select all that apply

- Chief Executive Officer (CEO)
- 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

- Other policy applicable to the board, please specify :CEO responsible for Amgen operations; Corporate Responsibility and Compliance Committee oversees Amgen's compliance program, including environmental sustainability, and receives regular updates from management, as noted here and in our annual Proxy.

### (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

- Monitoring compliance with corporate policies and/or commitments
- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets

- Overseeing and guiding the development of a business strategy
- Approving and/or overseeing employee incentives

#### **(4.1.2.7) Please explain**

*Climate and environmental sustainability related issues are reviewed with Amgen's Chief Executive Officer (CEO), who also serves as Chair of the Board of Directors, and the CEO direct reports, as needed. The CEO and CEO direct reports monitor progress against goals and targets through our corporate sustainability governance processes. The Corporate Responsibility and Compliance Committee (CRCC) assists the Board with oversight of Amgen's activities in areas that include environmental sustainability, including water and climate-related issues. In 2024, management regularly reported to the CRCC on the Company's sustainability strategies, and conservation goals progress (carbon, water, waste disposed), including on climate and matters related to our Science Based Targets Initiative (SBTi) target. The CRCC meets at least four times per year. In 2024, the CRCC met five times. The Compensation and Management Development Committee oversees human capital management, as well as executive talent management, development, and succession planning. This Committee also oversees Amgen's compensation policies and practices, and incentive program administration and design, including the sustainability related goal in our 2024 annual incentive plan applicable to all staff members. The Committee meets at least four times per year, and in 2024, it met six times. In 2024, the Compensation and Management Development Committee approved, and the Company successfully executed on, a sustainability goal to continue to support the timely achievement of our 2027 environmental sustainability targets. In 2024, the sustainability goal under our annual cash incentive plan was weighted at 5% of the total Company performance goals of which a portion is related to our environmental sustainability activities. The Company reported on its 2024 annual incentive plan outcomes in its Proxy Statement. Frequency and policies are listed that apply to this Issue, not for every Position.*

### **Biodiversity**

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

*Select all that apply*

- Chief Executive Officer (CEO)
- Board-level committee

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

*Select from:*

- No

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

*Select from:*

- Sporadic – agenda item as important matters arise

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

Select all that apply

Other, please specify :Updated as needed, Monitored as needed

#### (4.1.2.7) Please explain

*Climate and environmental sustainability related issues are reviewed with Amgen's Chief Executive Officer (CEO), who also serves as Chair of the Board of Directors, and the CEO direct reports, as needed. The CEO and CEO direct reports monitor progress against goals and targets through our Corporate Sustainability governance processes. The Corporate Responsibility and Compliance Committee (CRCC) assists the Board with oversight of Amgen's activities in areas that include environmental sustainability, including water and climate-related issues. In 2024, management regularly reported to the CRCC on the Company's sustainability strategies, and conservation goals progress (carbon, water, waste disposed), including on climate and matters related to our Science Based Targets Initiative (SBTi) target. The CRCC meets at least four times per year. In 2024, the CRCC met five times.*

[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

#### 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

[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: <input checked="" type="checkbox"/> Yes
Water	Select from: <input checked="" type="checkbox"/> Yes
Biodiversity	Select from: <input checked="" type="checkbox"/> 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

Policies, commitments, and targets

- Setting corporate environmental targets

#### (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

*Climate and environmental sustainability issues are reviewed with Amgen's Chief Executive Officer (CEO) and CEO direct reports at least on an annual basis. The CEO and CEO direct reports monitor progress against goals and targets and provide guiding strategy and major plans of action. The CEO and CEO direct reports are ultimately responsible for assessing and approving Amgen's 2027 Environmental Sustainability Plan strategy, including our target of achieving carbon neutrality in our operations.*

## Water

#### (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

Policies, commitments, and targets

- Setting corporate environmental targets

#### (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

*Climate and environmental sustainability issues are reviewed with Amgen's Chief Executive Officer (CEO) and CEO direct reports at least on an annual basis. The CEO and CEO direct reports monitor progress against goals and targets and provide guiding strategy and major plans of action. The CEO and CEO's direct reports are ultimately responsible for assessing and approving Amgen's 2027 Environmental Sustainability Plan strategy, including our target of achieving carbon neutrality in our operations.*

### **Biodiversity**

#### (4.3.1.1) Position of individual or committee with responsibility

Committee

- Sustainability committee

#### (4.3.1.2) Environmental responsibilities of this position

Other

- Other, please specify :Monitored as needed

#### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Reports to the Chief Compliance Officer

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

Select from:

- As important matters arise

#### (4.3.1.6) Please explain

*Biodiversity topics reviewed by the Sustainability Council may be reviewed with the Board as appropriate through the other reporting channels discussed in this report. Our cross-functional, executive-level Sustainability Council sets and reviews the Company's Corporate Sustainability strategy and programs. The Council is chaired by the Senior Vice President and Chief Compliance Officer.*

### Climate change

#### (4.3.1.1) Position of individual or committee with responsibility

Committee

- Sustainability committee

#### (4.3.1.2) Environmental responsibilities of this position

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets

Strategy and financial planning

- Developing a business strategy which considers environmental issues

#### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Chief Compliance Officer

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

Select from:

- Annually

#### (4.3.1.6) Please explain

*Climate and water topics reviewed by the Sustainability Council may be reviewed with the Board of Directors as appropriate through the other reporting channels discussed in this report. Our cross-functional, executive-level Sustainability Council sets and reviews the Company's Corporate Sustainability strategy and programs. The Council is chaired by the Senior Vice President and Chief Compliance Officer.*

### Water

#### (4.3.1.1) Position of individual or committee with responsibility

Committee

- Sustainability committee

#### (4.3.1.2) Environmental responsibilities of this position

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets

Strategy and financial planning

- Developing a business strategy which considers environmental issues

#### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Chief Compliance Officer

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

Select from:

- Annually

#### (4.3.1.6) Please explain

*Climate and water topics reviewed by the Sustainability Council may be reviewed with the Board of Directors as appropriate through the other reporting channels discussed in this report. Our cross-functional, executive-level Sustainability Council sets and reviews the Company's Corporate Sustainability strategy and programs. The Council is chaired by the Senior Vice President and Chief Compliance Officer.*

### Climate change

#### (4.3.1.1) Position of individual or committee with responsibility

Committee

- Sustainability committee

#### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Assessing environmental dependencies, impacts, risks, and opportunities
- Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets

Strategy and financial planning

- Developing a business strategy which considers environmental issues

#### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Sustainability Council Rows 3-5

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

Select from:

- Annually

#### (4.3.1.6) Please explain

*Climate and water topics reviewed by the Healthy Planet Initiative Steering Committee (ISC) may be reviewed with the Board as appropriate through the other reporting channels discussed in this report. Amgen's Healthy Planet ISC coordinates the implementation of the strategy for the environmental sustainability pillar of Amgen's Sustainability Framework and integrates our environmental sustainability strategy into the Company with the support of subject-matter-expert working teams. The Healthy Planet ISC members identify emerging sustainability and climate-related issues that could impact Amgen's business, employees, communities, or stakeholders and, when appropriate, raise them with the Sustainability Council for discussion and analysis, as needed. For example, in 2024 the Healthy Planet ISC reviewed topics including, but not limited to, Amgen's Biodiversity Statement, Product Life Cycle Assessments, Green Packaging, Regulatory Environmental Disclosures, and 2027 Sustainability Plan Goals progress.*

### Water

#### (4.3.1.1) Position of individual or committee with responsibility

Committee

- Sustainability committee

#### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Assessing environmental dependencies, impacts, risks, and opportunities
- Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets

Strategy and financial planning

- Developing a business strategy which considers environmental issues

#### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Sustainability Council (Rows 3-5)

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

Select from:

- Annually

#### (4.3.1.6) Please explain

*Climate and water topics reviewed by the Healthy Planet Initiative Steering Committee (ISC) may be reviewed with the Board as appropriate through the other reporting channels discussed in this report. Amgen's Healthy Planet ISC coordinates the implementation of the strategy for the environmental sustainability pillar of Amgen's Sustainability Framework and integrates our environmental sustainability strategy into the Company with the support of subject-matter-expert working teams. The Healthy Planet ISC members identify emerging sustainability and climate-related issues that could impact Amgen's business, employees, communities, or stakeholders and, when appropriate, raise them with the Sustainability Council for discussion and analysis, as needed. For example, in 2024 the Healthy Planet ISC reviewed topics including, but not limited to, Amgen's Biodiversity Statement, Product Life Cycle Assessments, Green Packaging, Regulatory Environmental Disclosures, and 2027 Sustainability Plan Goals progress.*

## Biodiversity

#### (4.3.1.1) Position of individual or committee with responsibility

Committee

- Sustainability committee

### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Assessing environmental dependencies, impacts, risks, and opportunities
- Managing environmental dependencies, impacts, risks, and opportunities

### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Sustainability Council (Rows 3-5)

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

Select from:

- As important matters arise

### (4.3.1.6) Please explain

*Biodiversity topics reviewed by the Healthy Planet Initiative Steering Committee (ISC) may be reviewed with the Board as appropriate through the other reporting channels discussed in this report. Amgen's Healthy Planet ISC coordinates the implementation of the strategy for the environmental sustainability pillar of Amgen's Sustainability Framework and integrates our environmental sustainability strategy into the Company with the support of subject-matter-expert working teams. The Healthy Planet ISC members identify emerging sustainability and climate-related issues that could impact Amgen's business, employees, communities, or stakeholders and, when appropriate, raise them with the Sustainability Council for discussion and analysis, as needed. For example, in 2024 the Healthy Planet ISC reviewed topics, including but not limited to, Amgen's Biodiversity Statement, Product Life Cycle Assessments, Green Packaging, Regulatory Environmental Disclosures, and 2027 Sustainability Plan Goals progress.*

## Climate change

### (4.3.1.1) Position of individual or committee with responsibility

Other

- Other, please specify :Executive VP, Operations

### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets

Strategy and financial planning

- Developing a climate transition plan
- Managing annual budgets 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)

### (4.3.1.4) Reporting line

Select from:

- Reports to the Chief Executive Officer (CEO)

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

Select from:

- As important matters arise

### (4.3.1.6) Please explain

*Climate and water topics reviewed by the Executive Vice President, Operations may be reviewed with the Board of Directors as appropriate through the other reporting channels discussed in this report. Amgen's executive management provides regular updates to the Board and/or its committees regarding the status and progress of the Company's environmental sustainability activities.*

## Water

### (4.3.1.1) Position of individual or committee with responsibility

Other

- Other, please specify :Executive VP, Operations

### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Managing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets

Strategy and financial planning

- Developing a climate transition plan
- Managing annual budgets 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)

### (4.3.1.4) Reporting line

Select from:

- Reports to the Chief Executive Officer (CEO)

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

Select from:

- As important matters arise

#### (4.3.1.6) Please explain

*Climate and water topics reviewed by the Executive Vice President, Operations may be reviewed with the Board of Directors as appropriate through the other reporting channels discussed in this report. Amgen's executive management provides regular updates to the Board and/or its committees regarding the status and progress of the Company's environmental sustainability activities.*

### Climate change

#### (4.3.1.1) Position of individual or committee with responsibility

Other

- Other, please specify :Senior Vice President Global Engineering

#### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- 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

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
- 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)

#### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Executive VP, Operations

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

Select from:

- Annually

#### (4.3.1.6) Please explain

*The Senior Vice President of Global Engineering is Amgen's Business Unit Manager and is responsible for environmental-related opportunities and risks. The Senior Vice President of Engineering is part of Amgen's management and provides regular updates to the Board and/or its committees regarding the status and progress of certain of the Company's environmental sustainability activities.*

### Water

#### (4.3.1.1) Position of individual or committee with responsibility

Other

- Other, please specify :Senior Vice President Global Engineering

#### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- 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

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
- 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)

#### **(4.3.1.4) Reporting line**

*Select from:*

- Other, please specify :Executive VP, Operations

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

*Select from:*

- Annually

#### (4.3.1.6) Please explain

*The Senior Vice President of Global Engineering is Amgen's Business Unit Manager and is responsible for environmental-related opportunities and risks. The Senior Vice President of Engineering is part of Amgen's management and provides regular updates to the Board and/or its committees regarding the status and progress of certain of the Company's environmental sustainability activities.*

### Biodiversity

#### (4.3.1.1) Position of individual or committee with responsibility

Other

Other, please specify :Senior Vice President Global Engineering

#### (4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

Managing environmental dependencies, impacts, risks, and opportunities

#### (4.3.1.4) Reporting line

Select from:

Other, please specify :Executive VP, Operations

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

Select from:

As important matters arise

#### (4.3.1.6) Please explain

*The Senior Vice President of Global Engineering is Amgen's Business Unit Manager and is responsible for environmental-related opportunities and risks. The Senior Vice President of Engineering is part of Amgen's management and provides regular updates to the Board and/or its committees regarding the status and progress of certain of the Company's environmental sustainability activities.*

## Climate change

### (4.3.1.1) Position of individual or committee with responsibility

Other

- Other, please specify :Vice President Engineering Operations and Services

### (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

Engagement

- Managing engagement in landscapes and/or jurisdictions
- 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

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
- 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)

#### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Senior Vice President Global Engineering

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

Select from:

- Annually

#### (4.3.1.6) Please explain

*Climate topics reviewed by the Vice President of Engineering Operations and Services may be reviewed with the Board of Directors, as appropriate, through the other reporting channels discussed in this report. The Vice President of Engineering Operations and Services manages environmental sustainability matters at Amgen. The Vice President of Engineering Operations and Services provides oversight of the Environmental Sustainability 2027 Plan and progress towards corporate climate-related targets, in addition to managing the integration of climate-related issues into corporate strategy, value chain engagement, and carbon, water and waste operational assessments.*

### Water

#### (4.3.1.1) Position of individual or committee with responsibility

Other

- Other, please specify :Vice President Engineering Operations and Services

#### (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

## Engagement

- Managing engagement in landscapes and/or jurisdictions
- 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

## 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
- 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)

### (4.3.1.4) Reporting line

Select from:

- Other, please specify :Senior Vice President Global Engineering

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

Select from:

- As important matters arise

### (4.3.1.6) Please explain

Water topics reviewed by the Vice President of Engineering Operations and Services may be reviewed with the Board of Directors as appropriate through the other reporting channels discussed in this report. The Vice President of Engineering Operations and Services manages environmental sustainability matters at Amgen. The Vice President of Engineering Operations and Services provides oversight of the Environmental Sustainability 2027 Plan and progress towards corporate climate-related targets, in addition to managing the integration of climate-related issues into corporate strategy, value chain engagement, and carbon, water and waste operational assessments.

## Biodiversity

### (4.3.1.1) Position of individual or committee with responsibility

Other

Other, please specify :Vice President Engineering Operations and Services

### (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

### (4.3.1.4) Reporting line

Select from:

Other, please specify :Senior Vice President Global Engineering

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

Select from:

As important matters arise

### (4.3.1.6) Please explain

Biodiversity topics reviewed by the Vice President of Engineering Operations and Services may be reviewed with the Board of Directors as appropriate through the other reporting channels discussed in this report. The Vice President of Engineering Operations and Services manages environmental sustainability matters at Amgen. The Vice President of Engineering Operations and Services provides oversight of the Environmental Sustainability 2027 Plan and progress towards corporate

climate-related targets, in addition to managing the integration of climate-related issues into corporate strategy, value chain engagement, and carbon, water and waste operational assessments.

[Add row]

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

### **Climate change**

#### **(4.5.1) Provision of monetary incentives related to this environmental issue**

Select from:

Yes

#### **(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue**

5

#### **(4.5.3) Please explain**

*Amgen's 2027 environmental sustainability goals include achieving carbon neutrality in our operations, reducing water consumption by 40% and waste by 75% from a 2019 baseline.(1) In 2024, 5% of Amgen's annual cash incentive plan was tied to sustainability objectives, including progress on our 2027 environmental targets and incorporating Horizon's data into our environmental data assurance program. In 2024, we exceeded our prespecified targets for carbon, water and waste, and we incorporated Horizon's data reporting into our data assurance program, resulting in maximum achievement for this goal. For more information, please see our 2025 Proxy. (1) Carbon neutrality goal refers to Scope 1 and 2 emissions and is inclusive of our acquisition of Horizon. Reductions in waste and water take into account only verified reduction projects against a 2019 baseline, not changes associated with the contraction or expansion of the Company (e.g., waste and water reduction measurements exclude Horizon)*

### **Water**

#### **(4.5.1) Provision of monetary incentives related to this environmental issue**

Select from:

Yes

## (4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue

5

### (4.5.3) Please explain

*Amgen's 2027 environmental sustainability goals include achieving carbon neutrality in our operations, reducing water consumption by 40% and waste by 75% from a 2019 baseline. (1) In 2024, 5% of Amgen's annual cash incentive plan was tied to sustainability objectives, including progress on our 2027 environmental targets and incorporating Horizon's data into our environmental data assurance program. In 2024, we exceeded our prespecified targets for carbon, water and waste, and we incorporated Horizon's data reporting into our data assurance program, resulting in maximum achievement for this goal. For more information, please see our 2025 Proxy. (1) Carbon neutrality goal refers to Scope 1 and 2 emissions and is inclusive of our acquisition of Horizon. Reductions in waste and water take into account only verified reduction projects against a 2019 baseline, not changes associated with the contraction or expansion of the Company (e.g., waste and water reduction measurements exclude Horizon)*

*[Fixed row]*

**(4.5.1) Provide further details on the monetary incentives provided for the management of environmental issues (do not include the names of individuals).**

### Climate change

#### (4.5.1.1) Position entitled to monetary incentive

Senior-mid management

Other senior-mid manager, please specify :All Employees

#### (4.5.1.2) Incentives

Select all that apply

Bonus - % of salary

#### (4.5.1.3) Performance metrics

## Targets

- Progress towards environmental targets

### (4.5.1.4) Incentive plan the incentives are linked to

Select from:

- Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

### (4.5.1.5) Further details of incentives

*The annual cash incentive plan applies to all employees, including the CEO and the CEO direct reports. For further details on Amgen's incentive structure, please see the 'Compensation Discussion and Analysis' section of our 2025 Proxy.*

### (4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

*To challenge our execution on our 2027 environmental sustainability goals, we established a company-wide environmental goal to achieve cumulative conservation targets that meet specific pre-specified percentage reductions for each of the three goal components (total carbon reduction, total water reduction, and total waste reduction). In 2024, the annual cash incentive plan weighted our sustainability performance at 5%, of which a portion is related to our environmental sustainability activities. The percentage of target earned for 2024 for the sustainability goal was 214.6%.*

## Water

### (4.5.1.1) Position entitled to monetary incentive

Sustainability specialist

- Other sustainability specialist, please specify :All Operations employees

### (4.5.1.2) Incentives

Select all that apply

- Other, please specify :BRAVO Award, internal company recognition with financial voucher

### (4.5.1.3) Performance metrics

#### Targets

- Progress towards environmental targets

#### Resource use and efficiency

- Reduction in water consumption volumes – direct operations
- Improvements in water efficiency – direct operations

### (4.5.1.4) Incentive plan the incentives are linked to

#### Select from:

- The incentives are not linked to an incentive plan, or equivalent (e.g. discretionary bonus in the reporting year)

### (4.5.1.5) Further details of incentives

*Amgen annually selects Excellence in Operations Award recipients. Since 2006, this program has recognized projects that delivered robust process improvements and tangible, recurring and sustainable benefits. Environmental sustainability, as part of Operations' strategic framework, is included in the scoring criteria, and considers efforts to increase energy efficiency, to reduce energy use and reduce carbon emissions. It also includes water- and waste- reduction efforts.*

### (4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

*The Excellence in Operations Award is another way Amgen encourages staff engagement with our 2027 goals. By embedding sustainability into our overall Operations' strategic framework, we are building our culture of sustainability at Amgen. We use a robust global competition approach to select the best projects each year that deliver results and enable our long-term sustainability strategy.*

## Climate change

### (4.5.1.1) Position entitled to monetary incentive

#### Sustainability specialist

- Other sustainability specialist, please specify :All Operations employees

### (4.5.1.2) Incentives

Select all that apply

- Other, please specify :BRAVO Award, internal company recognition with financial voucher

### (4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Other targets-related metrics, please specify :Reduction in absolute emissions in line with carbon neutrality target

Resource use and efficiency

- Energy efficiency improvement

### (4.5.1.4) Incentive plan the incentives are linked to

Select from:

- The incentives are not linked to an incentive plan, or equivalent (e.g. discretionary bonus in the reporting year)

### (4.5.1.5) Further details of incentives

*Amgen annually selects Excellence in Operations Award recipients. Since 2006, this program has recognized projects which delivered robust process improvements and tangible, recurring and sustainable benefits. Environmental sustainability, as part of Operations' strategic framework, is included in the scoring criteria, and considers efforts to increase energy efficiency, to reduce energy use and reduce carbon emissions. It also includes water- and waste- reduction efforts.*

### (4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

*The Excellence in Operations Award is another way Amgen encourages staff engagement with our 2027 goals. By embedding sustainability into our overall Operations' strategic framework, we are building our culture of sustainability at Amgen. We use a robust global competition approach to select the best projects each year that deliver results and enable our long-term sustainability strategy.*

## Water

### (4.5.1.1) Position entitled to monetary incentive

Senior-mid management

Other senior-mid manager, please specify :All Employees

### (4.5.1.2) Incentives

Select all that apply

Bonus - % of salary

### (4.5.1.3) Performance metrics

Targets

Progress towards environmental targets

### (4.5.1.4) Incentive plan the incentives are linked to

Select from:

Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

### (4.5.1.5) Further details of incentives

*The annual cash incentive plan applies to all employees, including the CEO and the CEO direct reports. For further details on Amgen's incentive structure, please see the 'Compensation Discussion and Analysis' section of our 2025 Proxy.*

### (4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

*To challenge our execution on our 2027 environmental sustainability goals, we established a company-wide environmental goal to achieve cumulative conservation targets that meet specific pre-specified percentage reductions for each of the three goal components (total carbon reduction, total water reduction, and total waste reduction). In 2024, the annual cash incentive plan weighted our sustainability performance at 5%, of which a portion is related to our environmental sustainability activities. The percentage of target earned for 2024 for the sustainability goal was 214.6%.*

## Climate change

### (4.5.1.1) Position entitled to monetary incentive

Sustainability specialist

- Other sustainability specialist, please specify :All employees

### (4.5.1.2) Incentives

*Select all that apply*

- Other, please specify :BRAVO Award, internal company recognition with financial voucher

### (4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets

Emission reduction

- Reduction in absolute emissions

Resource use and efficiency

- Energy efficiency improvement

Engagement

- Other engagement-related metrics, please specify :Sustainability culture and community outreach, including volunteering

### (4.5.1.4) Incentive plan the incentives are linked to

*Select from:*

- The incentives are not linked to an incentive plan, or equivalent (e.g. discretionary bonus in the reporting year)

### (4.5.1.5) Further details of incentives

Amgen's BRAVO Awards are used to recognize employees throughout the year for going above and beyond expected performance. A specific company-wide Healthy Planet Bravo Award was created to award sustainability efforts.

#### (4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

The Healthy Planet BRAVO Award enables employees to recognize each other for delivering projects that support our sustainability goals, including volunteerism in our local communities. BRAVOS range in value from \$50 to \$5,000, depending on the scope of the effort.

### Water

#### (4.5.1.1) Position entitled to monetary incentive

Sustainability specialist

- Other sustainability specialist, please specify :All employees

#### (4.5.1.2) Incentives

Select all that apply

- Other, please specify :BRAVO Award, internal company recognition with financial voucher

#### (4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets

Resource use and efficiency

- Reduction of water withdrawals – direct operations
- Improvements in water efficiency – direct operations

Engagement

- Other engagement-related metrics, please specify :Sustainability culture and community outreach, including volunteering

#### (4.5.1.4) Incentive plan the incentives are linked to

Select from:

- The incentives are not linked to an incentive plan, or equivalent (e.g. discretionary bonus in the reporting year)

#### (4.5.1.5) Further details of incentives

Amgen's BRAVO Awards are used to recognize employees throughout the year for going above and beyond expected performance. A specific company-wide Healthy Planet Bravo Award was created to award sustainability efforts.

#### (4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

The Healthy Planet BRAVO Award enables employees to recognize each other for delivering projects that support our sustainability goals, including volunteerism in our local communities. BRAVOS range in value from \$50 to \$5,000, depending on the scope of the effort.

[Add row]

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

	<b>Does your organization have any environmental policies?</b>
	Select from: <input checked="" type="checkbox"/> 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
- Upstream value chain

#### (4.6.1.4) Explain the coverage

*Amgen's Climate Change Position Statement covers Amgen's operations and its value chain.*

#### (4.6.1.5) Environmental policy content

Environmental commitments

- Commitment to take environmental action beyond regulatory compliance

Climate-specific commitments

- Other climate-related commitment, please specify :Dedication to innovation; Monitoring and reporting on performance

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

Select all that apply

- Yes, in line with the Paris Agreement

#### (4.6.1.7) Public availability

Select from:

Publicly available

#### (4.6.1.8) Attach the policy

*Climate Change Position Statement \_ Amgen.pdf*

### 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

*Amgen's Global Corporate Compliance Policy covers responsible water discharge across Amgen's operations.*

#### (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

Water-specific commitments

Other water-related commitment, please specify :Pollution prevention; Pollution risk management

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

*Select all that apply*

Yes, in line with Sustainable Development Goal 6 on Clean Water and Sanitation

#### (4.6.1.7) Public availability

*Select from:*

Publicly available

#### (4.6.1.8) Attach the policy

*compliance\_environmental\_health\_safety\_policy.pdf*  
*[Add row]*

### (4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

#### (4.10.1) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

*Select from:*

Yes

#### (4.10.2) Collaborative framework or initiative

*Select all that apply*

Science-Based Targets Initiative (SBTi)

UN Global Compact

Other, please specify :My Green Labs; BioPhorum Product Carbon Footprint White Paper, BioPhorum Water Stewardship Whitepaper, BioPhorum Maturity Model; EFPIA EHS Manufacturing and Quality Expert Group (MQEG) sustainability advocacy team

### **(4.10.3) Describe your organization's role within each framework or initiative**

*Amgen considers the principles of the Science Based Targets initiative (SBTi) when preparing our annual Sustainability Report. As part of our 2027 environmental sustainability plan, in 2022, we established a Scope 3 supplier engagement target to engage with 73% of our suppliers by spend in key categories to support their adoption of science-based carbon emission reduction targets. SBTi approved Amgen's Scope 1 and 2 carbon emissions reduction and Scope 3 supplier engagement targets in 2022 Amgen's 2024 Sustainability Highlights Report reflects our alignment with the United Nations (UN) Global Compact and Sustainable Development Goals (SDGs). See our Sustainability Highlights Report for more details. Amgen is a sponsor and an active participant in My Green Labs Green Lab certification program and The Freezer Challenge. My Green Labs is an organization dedicated to promoting sustainability in laboratories. The My Green Labs certification program provides a framework for labs to reduce their environmental impact through improved practices and resource management. Additionally, My Green Labs hosts the International Freezer Challenge, an initiative aimed at encouraging labs to optimize freezer management and reduce energy consumption through efficient practices and sharing of best practices. Amgen is an active member of the BioPhorum Product Carbon Footprint Working group. This group pulls together sustainability professionals across the pharmaceutical sector to align on an industry-approved methodology for the calculation of per-unit carbon emissions associated with materials used in the industry. Amgen was a contributor to a recent paper published by this group entitled "Developing a harmonized approach to product carbon footprint data for the biopharma industry" (available to download at <https://www.biophorum.com/download/developing-a-harmonized-approach-to-product-carbon-footprint-data-for-the-biopharma-industry/>). This work is intended to enable the expansion of reliable carbon modeling and allow for the comparison of emissions across companies, locations, and product types. Amgen is collaborating with BioPhorum to create a new Water Stewardship guide. The goal is to direct the biopharma industry towards sustainable water practices. This approach will broaden the understanding of connections to local water supplies by taking into account the effects and reliance each facility has on freshwater and promote efficient water practices. Amgen was a contributor to a recent paper published by this group entitled "A case for shifting to water stewardship in the biopharma sector" (available to download at <https://www.biophorum.com/download/a-case-for-shifting-to-water-stewardship-in-the-biopharma-sector>). Effective water stewards understand the importance of joint efforts to address the complicated issues that threaten the water resources we all depend on. Amgen supported BioPhorum in the creation of a maturity model to assess an organization's progress towards the true north goals across the whole value chain. The maturity model aims to help the industry achieve the following goals: •Reduce GHG emissions •Reduce waste •Reduce water consumption •Reduce impact on nature and biodiversity. The European Federation of Pharmaceutical Industries and Associations (EFPIA) EHS Manufacturing and Quality Expert Group (MQEG) is a joint initiative on innovation in product design and manufacturing and regulatory flexibility to meet climate environmental and sustainability goals. Examples of team topics are CO2 reduction, switching to alternative energy sources, use of recycled or PVC-free materials in packaging or devices, reduction in Per- and polyfluoroalkyl substances (PFAS) use, the replacement of F-gases, cross-industry solutions for recycling materials.*

*[Fixed row]*

**(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?**

### **(4.11.1) External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment**

*Select all that apply*

Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation

#### **(4.11.2) Indicate whether your organization has a public commitment or position statement to conduct your engagement activities in line with global environmental treaties or policy goals**

Select from:

Yes, we have a public commitment or position statement in line with global environmental treaties or policy goals

#### **(4.11.3) Global environmental treaties or policy goals in line with public commitment or position statement**

Select all that apply

Paris Agreement

#### **(4.11.4) Attach commitment or position statement**

*Climate Change Position Statement \_ Amgen.pdf*

#### **(4.11.5) Indicate whether your organization is registered on a transparency register**

Select from:

Yes

#### **(4.11.6) Types of transparency register your organization is registered on**

Select all that apply

Mandatory government register

#### **(4.11.7) Disclose the transparency registers on which your organization is registered & the relevant ID numbers for your organization**

*EU transparency register (TR number is 42243575237-50)*

## **(4.11.8) Describe the process your organization has in place to ensure that your external engagement activities are consistent with your environmental commitments and/or transition plan**

*With our commitment to align our greenhouse gas emissions reduction goals in line with a 1.5°C future, Amgen has set carbon neutrality and supplier engagement targets that were approved by the Science Based Targets initiative (SBTi) in 2022. More generally, we have engaged consistently in broad, direct, governance-focused stockholder outreach since 2011. We consistently monitor and proactively solicit our investor's perspectives on corporate sustainability practices, including carbon neutrality, and share such perspectives with our Board. While we do not directly lobby for climate change, we believe we influence lawmakers and regulators by transparently setting, communicating, and delivering on ambitious environmental goals. We also provide support to organizations whose activities may influence policy, law, or regulation that may impact the climate. Given the wide range of issues addressed by these organizations, our positions will not always align entirely with those of the trade or industry organizations to which we belong.*

*[Fixed row]*

## **(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.**

### **Row 1**

#### **(4.11.2.1) Type of indirect engagement**

Select from:

- Indirect engagement via a trade association

#### **(4.11.2.4) Trade association**

Global

- Other global trade association, please specify :BioPhorum

#### **(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position**

Select all that apply

- Climate change
- Water

**(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with**

Select from:

Consistent

**(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year**

Select from:

Yes, we publicly promoted their current position

**(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position**

*Amgen is a member of BioPhorum. BioPhorum has a sustainability working group with a mission to act as a voice of the industry to enable delivery of the industry's sustainability ambition quickly and effectively, and to lead innovative teams that have the capability and credibility to create consensus and ultimately drive real change that benefits people and the planet. BioPhorum has a sustainability regulatory and legislation group that focuses on streamlining the collection and communication of new regulatory policies in relation to sustainability, including their potential impacts and solutions, proactively identifying best practices, both cross-country and cross-sector and establishing a unified sector voice for discussing implications with regulators.*

**(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)**

63400

**(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment**

*Support a coordinated approach by biopharmaceutical companies to successfully comply with incoming climate and water regulations. Funding provided only supports the sustainability working groups associated with this organization.*

**(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals**

Select from:

Yes, we have evaluated, and it is aligned

#### (4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

- Paris Agreement

#### Row 2

#### (4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

Europe

- Other trade association in Europe, please specify :European Federation of Pharmaceutical Industries and Associations (EFPIA)

#### (4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

- Climate change
- Water

#### (4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

- Consistent

#### (4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

Yes, we publicly promoted their current position

**(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position**

*Amgen takes part in several EFPIA workgroups and expert groups (e.g. Supply Chain; Circular Economy Network; Environment, Health, Safety and Sustainability), participates in the creation of EFPIA position papers and supported EFPIA with their Pharmaceutical Sector's Environmental Sustainability Statement.*

**(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)**

8203923

**(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment**

*Support a coordinated approach by biopharmaceutical companies to successfully comply with incoming climate and water regulations.*

**(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals**

Select from:

Yes, we have evaluated, and it is aligned

**(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation**

Select all that apply

Paris Agreement

**Row 3**

**(4.11.2.1) Type of indirect engagement**

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

Global

- Other global trade association, please specify :Clean Energy Buyers Association (a global coalition of energy partners)

#### (4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

- Climate change

#### (4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

- Consistent

#### (4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

- Yes, we publicly promoted their current position

#### (4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

*The Clean Energy Buyers Association (CEBA) is a membership association for energy customers seeking to procure clean energy across the U.S. Today, their membership of over 300 includes stakeholders from across the commercial and industrial sector, non-profit organizations, as well as energy providers and service providers. The Clean Energy Buyers Association's aspiration is to achieve a 90% carbon-free U.S. electricity system by 2030 and to cultivate a global community of energy customers driving clean energy. As a business trade association, CEBA activates a community of energy customers and partners to deploy market and policy solutions for a carbon-free energy system.*

**(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)**

5000

**(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment**

*Support the deployment of clean energy in the USA, in line with our SBTi commitments.*

**(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals**

*Select from:*

Yes, we have evaluated, and it is aligned

**(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation**

*Select all that apply*

Paris Agreement

**Row 4**

**(4.11.2.1) Type of indirect engagement**

*Select from:*

Indirect engagement via a trade association

**(4.11.2.4) Trade association**

North America

Other trade association in North America, please specify :Pharmaceutical Supply Chain Initiative (PSCI)

#### (4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

- Climate change
- Water

#### (4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

- Consistent

#### (4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

- Yes, we publicly promoted their current position

#### (4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

*Amgen is an associate member of the Pharmaceutical Supply Chain Initiative (PSCI), a group of pharmaceutical and healthcare companies who share a vision of better social, health, safety and environmental outcomes in the communities where we buy. PCSI created Principles for Responsible Supply Chain Management (Principles) to articulate what the industry expects from the supply chain. These Principles address five areas of responsible business practice: ethics; labor; health and safety; environment; and management systems. In each area, the Principles set out the relevant practices any business operating within the pharmaceutical supply chain is expected to uphold. All members are expected to support and incorporate the Principles into their key supplier documents and agreements. Amgen's Supplier Code of Conduct is closely aligned with the PSCI Principles for Responsible Supply Chain Management.*

#### (4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

34375

#### (4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment

Deploy sustainable practices across the supply chain that will help prepare for compliance with future sustainability requirements.

#### (4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

- Yes, we have evaluated, and it is aligned

#### (4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

- Paris Agreement

### Row 5

#### (4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

Global

- Other global trade association, please specify :Energize

#### (4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

- Climate change

#### (4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

Consistent

**(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year**

Select from:

Yes, we publicly promoted their current position

**(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position**

*Amgen is a founding member of the Energize program, which aims to accelerate the adoption of renewable energy and reduce greenhouse gas emissions among pharmaceutical suppliers. This first-of-its-kind industry program will train pharmaceutical suppliers on renewable energy adoption and increase access to renewable energy sourcing. This gives suppliers – who may not otherwise have the internal resources or expertise available – the opportunity to participate in the market for power purchase agreements (PPAs).*

**(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)**

10449

**(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment**

*Encourage, educate, and support suppliers in setting SBTi greenhouse gas reduction targets.*

**(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals**

Select from:

Yes, we have evaluated, and it is aligned

**(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation**

Select all that apply

Paris Agreement

[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

Biodiversity

##### **(4.12.1.4) Status of the publication**

Select from:

Complete

##### **(4.12.1.5) Content elements**

Select all that apply

Strategy

Governance

Emission targets

**Commitment, Supplier Sustainability**

Emissions figures

Risks & Opportunities

Value chain engagement

Water accounting figures

Other, please specify :**Water reduction goal, Waste reduction goal, SBTi**

#### (4.12.1.6) Page/section reference

Pages 5-7, 14–15, 20, 25

#### (4.12.1.7) Attach the relevant publication

*amgen-2024-sustainability-highlights-report.pdf*

#### (4.12.1.8) Comment

*2024 Sustainability Highlights Report*

### Row 2

#### (4.12.1.1) Publication

Select from:

In mainstream 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

Risks & Opportunities

Strategy

Emission targets

#### (4.12.1.6) Page/section reference

Page 29, 51

#### (4.12.1.7) Attach the relevant publication

2024-annual-report-letter-and-10k.pdf

#### (4.12.1.8) Comment

2024 Annual Report and Form 10-k

### Row 3

#### (4.12.1.1) Publication

Select from:

In mainstream 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

Governance

Risks & Opportunities

Strategy

Emission targets

Other, please specify :Executive compensation, Water reduction goal, Waste reduction goal

#### (4.12.1.6) Page/section reference

Page 35–37, 75

#### (4.12.1.7) Attach the relevant publication

*Amgen\_2025\_proxy\_statement.pdf*

#### (4.12.1.8) Comment

*2025 Proxy Statement*

### Row 4

#### (4.12.1.1) Publication

Select from:

In voluntary communications

#### (4.12.1.3) Environmental issues covered in publication

Select all that apply

- Climate change
- Water
- Biodiversity

#### (4.12.1.4) Status of the publication

Select from:

- Complete

#### (4.12.1.5) Content elements

Select all that apply

- Governance
- Risks & Opportunities
- Strategy
- Emission targets
- Other, please specify :Water reduction goal, Waste reduction goal

#### (4.12.1.6) Page/section reference

N/A

#### (4.12.1.7) Attach the relevant publication

*Environmental Sustainability \_ Amgen\_websitePDF.pdf*

#### (4.12.1.8) Comment

*See Amgen.com Responsibility and Environmental Sustainability sections  
[Add row]*

## C5. Business strategy

(5.1) Does your organization use scenario analysis to identify environmental outcomes?

### Climate change

#### (5.1.1) Use of scenario analysis

Select from:

Yes

#### (5.1.2) Frequency of analysis

Select from:

Annually

### Water

#### (5.1.1) Use of scenario analysis

Select from:

Yes

#### (5.1.2) Frequency of analysis

Select from:

Annually

[Fixed row]

(5.1.1) Provide details of the scenarios used in your organization's scenario analysis.

### Climate change

### (5.1.1.1) Scenario used

Climate transition scenarios

- NGFS scenarios framework, please specify :Net Zero 2050

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy
- Market
- Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 1.5°C or lower

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

Select all that apply

2030

2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

Cost of capital

Stakeholder and customer demands

Consumer sentiment

Consumer attention to impact

Regulators, legal and policy regimes

Global regulation

Level of action (from local to global)

Global targets

Methodologies and expectations for science-based targets

Relevant technology and science

Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

On asset values, on the corporate

Perception of efficacy of climate regime

Macro and microeconomy

Domestic growth

Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*NGFS Net Zero 2050: Assumptions: Assumes stringent climate policies and technological advancements to limit global warming to 1.5°C. Requires rapid decarbonization of the electricity sector, significant increases in energy efficiency, and deployment of carbon capture and storage (CCS) technologies. Constraints:*

High reliance on technological advancements and policy implementation across all sectors. Assumes global cooperation and early action. Limitations: High uncertainty regarding the pace of technological development and policy enactment.

### (5.1.1.11) Rationale for choice of scenario

For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS), and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO2 emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.

## Water

### (5.1.1.1) Scenario used

Climate transition scenarios

NGFS scenarios framework, please specify :Net Zero 2050

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Policy

Market

- Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 1.5°C or lower

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

Macro and microeconomy

- Domestic growth
- Globalizing markets

### **(5.1.1.10) Assumptions, uncertainties and constraints in scenario**

*NGFS Net Zero 2050: Assumptions: Assumes stringent climate policies and technological advancements to limit global warming to 1.5°C. Requires rapid decarbonization of the electricity sector, significant increases in energy efficiency, and deployment of carbon capture and storage (CCS) technologies. Constraints: High reliance on technological advancements and policy implementation across all sectors. Assumes global cooperation and early action. Limitations: High uncertainty regarding the pace of technological development and policy enactment.*

### **(5.1.1.11) Rationale for choice of scenario**

*The same scenarios for climate risk also apply to water. For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO<sub>2</sub> emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.*

## **Climate change**

### **(5.1.1.1) Scenario used**

Climate transition scenarios

- IEA NZE 2050

### **(5.1.1.3) Approach to scenario**

Select from:

- Qualitative and quantitative

#### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

#### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy
- Market
- Technology

#### (5.1.1.6) Temperature alignment of scenario

Select from:

- 1.5°C or lower

#### (5.1.1.7) Reference year

1995

#### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

#### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

#### Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

#### Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

#### Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

#### Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

#### Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IEA Net Zero 2050 1.5°C: Assumptions: The NZE scenario outlines a pathway for the global energy sector to achieve net zero carbon dioxide emissions by 2050. It includes rapid deployment of renewable energy technologies, massive expansion of solar and wind energy, and significant improvements in energy efficiency. Widespread adoption of electric vehicles and the phase-out of fossil fuels are also key elements. Constraints: Requires large-scale investments in clean energy technologies, infrastructure, and innovations. Significant challenges related to policy implementation, technological advancement, and global cooperation. Limitations: Relies heavily on technologies still in demonstration or prototype phases, such as advanced batteries and hydrogen electrolyzers. Achieving these goals also depends on substantial behavioral and societal changes.*

### (5.1.1.11) Rationale for choice of scenario

*For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the*

optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO2 emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.

## Climate change

### (5.1.1.1) Scenario used

Climate transition scenarios

NGFS scenarios framework, please specify :NGFS Delayed Transition

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Policy

Market

Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

1.6°C - 1.9°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

*Select all that apply*

2030

2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

Cost of capital

Stakeholder and customer demands

Consumer sentiment

Consumer attention to impact

Regulators, legal and policy regimes

Global regulation

Level of action (from local to global)

Global targets

Methodologies and expectations for science-based targets

Relevant technology and science

Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

On asset values, on the corporate

Perception of efficacy of climate regime

Macro and microeconomy

Domestic growth

- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*NGFS Delayed Transition: Assumptions: Assumes delayed implementation of climate policies, resulting in more abrupt and disruptive transitions later. Achieves below 2°C but with higher transition risks. Constraints: Higher transition risks due to abrupt policy changes and technological shifts. Greater economic and social disruptions. Limitations: Increased uncertainty in economic impacts due to delayed actions and potential resistance from stakeholders.*

### (5.1.1.11) Rationale for choice of scenario

*For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO2 emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.*

## Climate change

### (5.1.1.1) Scenario used

Climate transition scenarios

- IEA APS

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

### (5.1.1.5) Risk types considered in scenario

*Select all that apply*

- Policy
- Market
- Technology

### (5.1.1.6) Temperature alignment of scenario

*Select from:*

- 1.6°C - 1.9°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

*Select all that apply*

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)

- ☑ Global targets
- ☑ Methodologies and expectations for science-based targets

Relevant technology and science

- ☑ Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- ☑ On asset values, on the corporate
- ☑ Perception of efficacy of climate regime

Macro and microeconomy

- ☑ Domestic growth
- ☑ Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IEA Announced Pledges Scenario (APS) < 2°C: Assumptions: Assumes all climate commitments made by governments and industries, including Nationally Determined Contributions (NDCs) and longer-term net zero targets, will be met in full and on time. Considers current policy settings and planned manufacturing capacities for clean energy technologies. Constraints: Success depends on the full and timely implementation of announced pledges and targets. Highlights the gaps between current pledges and the goals needed to limit global warming to 1.5°C. Limitations: Reflects potential outcomes if existing pledges are implemented without additional policy enhancements, potentially leading to slower progress in reducing emissions compared to more ambitious scenarios.*

### (5.1.1.11) Rationale for choice of scenario

*For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO2 emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.*

## Climate change

### (5.1.1.1) Scenario used

Climate transition scenarios

NGFS scenarios framework, please specify :NGFS Nationally Determined Contributions

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Policy

Market

Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

2.0°C - 2.4°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

Select all that apply

2030

2050

### (5.1.1.9) Driving forces in scenario

#### Finance and insurance

- Cost of capital

#### Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

#### Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

#### Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

#### Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

#### Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*NGFS NDCs: Assumptions: Reflects pledged climate policies and actions as of the NDCs submitted under the Paris Agreement. Assumes gradual implementation of these policies. Constraints: Policies may be insufficient to limit global warming to 2°C, leading to higher physical risks. Limitations: Assumes no significant strengthening of policies beyond current commitments, leading to potential underestimation of necessary actions.*

### (5.1.1.11) Rationale for choice of scenario

For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO2 emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.

## Climate change

### (5.1.1.1) Scenario used

Climate transition scenarios

- IEA STEPS (previously IEA NPS)

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy
- Market
- Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 2.5°C - 2.9°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

*Select all that apply*

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IEA Stated Policies (STEPS) < 3°C: Assumptions: Reflects current policy settings based on a sector-by-sector and country-by-country assessment of energy-related policies in place as of the end of August 2023. Includes currently planned manufacturing capacities for clean energy technologies. Constraints: Demonstrates the implementation gap between current policies and the goals needed to achieve net zero emissions. Relies on existing and planned policies without assuming new or additional measures. Limitations: More conservative, showing slower progress in emissions reductions and higher risks of not meeting the Paris Agreement targets compared to more aggressive scenarios like NZE and APS.*

### (5.1.1.11) Rationale for choice of scenario

*For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO2 emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.*

## Climate change

### (5.1.1.1) Scenario used

Physical climate scenarios

- RCP 2.6

### (5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

- SSP1

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

#### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

#### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical
- Chronic physical

#### (5.1.1.6) Temperature alignment of scenario

Select from:

- 1.6°C - 1.9°C

#### (5.1.1.7) Reference year

1995

#### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

#### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

#### Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

#### Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

#### Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

#### Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

#### Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IPCC SSP 1-2.6: Assumptions: This scenario envisions a shift toward sustainability with inclusive development that respects environmental boundaries. It emphasizes improved global management, accelerated investments in education and health, and a focus on human well-being over economic growth. Constraints: Requires significant global cooperation, strong climate policies, and technological innovations to reduce emissions and improve energy efficiency. Limitations: Relies heavily on the assumption of global cooperation and significant policy shifts, which may be challenging to achieve universally.*

### (5.1.1.11) Rationale for choice of scenario

*For physical risks, Amgen is using RCP-2.6, RCP-4.5 and RCP-8.5 as representative climate risk scenarios that account for optimistic, middle-of-the-road, and pessimistic scenarios. We viewed RCP-2.6 as the plausible, optimistic sustainable development scenario, with temperature stabilizing at 1.8°C, and RCP-4.5 as the middle-of-the-road scenario, aligned with current trends with development. RCP-8.5 was considered as a more extreme scenario to pressure-test physical risks,*

assuming that current emissions almost double by 2050, and that the world economy grows rapidly, driven by fossil fuels exploitation and energy-intensive processes, causing temperature increases above 3°C.

## Climate change

### (5.1.1.1) Scenario used

Physical climate scenarios

RCP 4.5

### (5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

SSP2

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Acute physical

Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 2.5°C - 2.9°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

*Select all that apply*

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IPCC SSP 2-4.5: Assumptions: Represents a continuation of historical trends with uneven progress. It assumes moderate global population growth, modest economic development, and some improvements in resource and energy efficiency. Constraints: Limited progress in achieving sustainable development goals and persistent income inequality. Environmental systems experience both degradation and improvement. Limitations: Assumes no major shifts in policy or behavior, making it difficult to achieve substantial mitigation or adaptation.*

### (5.1.1.11) Rationale for choice of scenario

*For physical risks, Amgen is using RCP-2.6, RCP-4.5 and RCP-8.5 as representative climate risk scenarios that account for optimistic, middle-of-the-road, and pessimistic scenarios. We viewed RCP-2.6 as the plausible, optimistic sustainable development scenario, with temperature stabilizing at 1.8°C and RCP-4.5 as the middle-of-the-road scenario, aligned with current trends with development. RCP-8.5 was considered as a more extreme scenario to pressure-test physical risks, assuming current emissions almost double by 2050, and that the world economy grows rapidly, driven by fossil fuels exploitation and energy-intensive processes, causing temperature increases above 3°C.*

## Climate change

### (5.1.1.1) Scenario used

Physical climate scenarios

- RCP 8.5

### (5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

- SSP5

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

#### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

#### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical
- Chronic physical

#### (5.1.1.6) Temperature alignment of scenario

Select from:

- 4.0°C and above

#### (5.1.1.7) Reference year

1995

#### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

#### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

#### Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

#### Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

#### Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

#### Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

#### Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IPCC SSP 5-8.5: Assumptions: This scenario relies on rapid technological progress and development driven by competitive markets and abundant fossil fuel use. It features high economic growth, integrated global markets, and strong investments in human capital. Constraints: High greenhouse gas emissions due to energy-intensive lifestyles and reliance on fossil fuels. Local environmental problems are managed, but global issues like climate change are not addressed adequately. Limitations: High reliance on technological solutions like carbon capture and storage, which may not be sufficient or scalable in the required timeframe.*

### (5.1.1.11) Rationale for choice of scenario

*For physical risks, Amgen is using RCP-2.6, RCP-4.5 and RCP-8.5 as representative climate risk scenarios that account for optimistic, middle-of-the-road, and pessimistic scenarios. We viewed RCP-2.6 as the plausible, optimistic sustainable development scenario, with temperature stabilizing at 1.8°C and RCP-4.5 as the middle-of-the-road scenario, aligned with current trends with development. RCP-8.5 was considered as a more extreme scenario to pressure-test physical risks,*

assuming current emissions almost double by 2050, and that the world economy grows rapidly, driven by fossil fuels exploitation and energy-intensive processes, causing temperature increases above 3°C.

## Water

### (5.1.1.1) Scenario used

Climate transition scenarios

- IEA NZE 2050

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy
- Market
- Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 1.5°C or lower

### (5.1.1.7) Reference year

### (5.1.1.8) Timeframes covered

Select all that apply

2030

2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

Cost of capital

Stakeholder and customer demands

Consumer sentiment

Consumer attention to impact

Regulators, legal and policy regimes

Global regulation

Level of action (from local to global)

Global targets

Methodologies and expectations for science-based targets

Relevant technology and science

Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

On asset values, on the corporate

Perception of efficacy of climate regime

Macro and microeconomy

Domestic growth

Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IEA Net Zero 2050 1.5°C: Assumptions: The NZE scenario outlines a pathway for the global energy sector to achieve net zero carbon dioxide emissions by 2050. It includes rapid deployment of renewable energy technologies, massive expansion of solar and wind energy, and significant improvements in energy efficiency. Widespread adoption of electric vehicles and the phase-out of fossil fuels are also key elements. Constraints: Requires large-scale investments in clean energy technologies, infrastructure, and innovations. Significant challenges related to policy implementation, technological advancement, and global cooperation. Limitations: Relies heavily on technologies still in demonstration or prototype phases, such as advanced batteries and hydrogen electrolyzers. Achieving these goals also depends on substantial behavioral and societal changes.*

### (5.1.1.11) Rationale for choice of scenario

*The same scenarios for climate risk also apply to water. For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO<sub>2</sub> emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.*

## Water

### (5.1.1.1) Scenario used

Climate transition scenarios

NGFS scenarios framework, please specify :NGFS Delayed Transition

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

*Select all that apply*

- Policy
- Market
- Technology

### (5.1.1.6) Temperature alignment of scenario

*Select from:*

- 1.6°C - 1.9°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

*Select all that apply*

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)

- Global targets
- Methodologies and expectations for science-based targets

Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

Macro and microeconomy

- Domestic growth
- Globalizing markets

### **(5.1.1.10) Assumptions, uncertainties and constraints in scenario**

*NGFS Delayed Transition: Assumptions: Assumes delayed implementation of climate policies, resulting in more abrupt and disruptive transitions later. Achieves below 2°C but with higher transition risks. Constraints: Higher transition risks due to abrupt policy changes and technological shifts. Greater economic and social disruptions. Limitations: Increased uncertainty in economic impacts due to delayed actions and potential resistance from stakeholders.*

### **(5.1.1.11) Rationale for choice of scenario**

*The same scenarios for climate risk also apply to water. For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO<sub>2</sub> emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.*

## **Water**

### **(5.1.1.1) Scenario used**

Climate transition scenarios

IEA APS

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Policy

Market

Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

1.6°C - 1.9°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

Select all that apply

2030

2050

### (5.1.1.9) Driving forces in scenario

#### Finance and insurance

- Cost of capital

#### Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

#### Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

#### Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

#### Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

#### Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IEA Announced pledges scenario (APS) < 2°C: Assumptions: Assumes all climate commitments made by governments and industries, including Nationally Determined Contributions (NDCs) and longer-term net zero targets, will be met in full and on time. Considers current policy settings and planned manufacturing capacities for clean energy technologies. Constraints: Success depends on the full and timely implementation of announced pledges and targets. Highlights the gaps between current pledges and the goals needed to limit global warming to 1.5°C. Limitations: Reflects potential outcomes if existing pledges are implemented without additional policy enhancements, potentially leading to slower progress in reducing emissions compared to more ambitious scenarios.*

### (5.1.1.11) Rationale for choice of scenario

The same scenarios for climate risk also apply to water. For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO<sub>2</sub> emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.

## Water

### (5.1.1.1) Scenario used

Climate transition scenarios

NGFS scenarios framework, please specify :NGFS Nationally Determined Contributions

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Policy

Market

Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 2.0°C - 2.4°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*NGFS Nationally Determined Contributions (NDCs): Assumptions: Reflects pledged climate policies and actions as of the NDCs submitted under the Paris Agreement. Assumes gradual implementation of these policies. Constraints: Policies may be insufficient to limit global warming to 2°C, leading to higher physical risks. Limitations: Assumes no significant strengthening of policies beyond current commitments, leading to potential underestimation of necessary actions.*

### (5.1.1.11) Rationale for choice of scenario

*The same scenarios for climate risk also apply to water. For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO<sub>2</sub> emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.*

## Water

### (5.1.1.1) Scenario used

Climate transition scenarios

- IEA STEPS (previously IEA NPS)

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy
- Market
- Technology

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 2.5°C - 2.9°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

Macro and microeconomy

- Domestic growth
- Globalizing markets

### **(5.1.1.10) Assumptions, uncertainties and constraints in scenario**

*IEA Stated Policies (STEPS) < 3°C: Assumptions: Reflects current policy settings based on a sector-by-sector and country-by-country assessment of energy-related policies in place as of the end of August 2023. Includes currently planned manufacturing capacities for clean energy technologies. Constraints: Demonstrates the implementation gap between current policies and the goals needed to achieve net zero emissions. Relies on existing and planned policies without assuming new or additional measures. Limitations: More conservative, showing slower progress in emissions reductions and higher risks of not meeting the Paris Agreement targets compared to more aggressive scenarios like NZE and APS.*

### **(5.1.1.11) Rationale for choice of scenario**

*The same scenarios for climate risk also apply to water. For transition risk, Amgen evaluated NGFS Net Zero 2050, NGFS Delayed Transition, NGFS Nationally Determined Contributions, IEA Net Zero 2050, IEA Announced Pledges Scenario (APS) and IEA Stated Policies (STEPS) as potential scenarios. NGFS Net Zero 2050 and IEA Net Zero 2050 were used as the optimistic but most extreme scenario to “pressure-test” transition risks, with the global energy achieving net zero CO<sub>2</sub> emissions by 2050, limiting temperature at 1.5°C. The NGFS Delayed Transition and IEA Announced Pledges Scenario are also ambitious scenarios that assume that climate commitments are made by governments around the world but with longer-term net zero targets, limiting temperature at 2°C. The NGFS Nationally Determined Contributions and IEA Stated Policies (STEPS) assume business as usual, limiting temperature at 3°C.*

## Water

### (5.1.1.1) Scenario used

Physical climate scenarios

RCP 2.6

### (5.1.1.2) Scenario used    SSPs used in conjunction with scenario

Select from:

SSP1

### (5.1.1.3) Approach to scenario

Select from:

Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Acute physical

Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

1.6°C - 1.9°C

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

*Select all that apply*

2030

2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

Cost of capital

Stakeholder and customer demands

Consumer sentiment

Consumer attention to impact

Regulators, legal and policy regimes

Global regulation

Level of action (from local to global)

Global targets

Methodologies and expectations for science-based targets

Relevant technology and science

Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

On asset values, on the corporate

Perception of efficacy of climate regime

Macro and microeconomy

Domestic growth

- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IPCC SSP 1-2.6: Assumptions: This scenario envisions a shift toward sustainability with inclusive development that respects environmental boundaries. It emphasizes improved global management, accelerated investments in education and health, and a focus on human well-being over economic growth. Constraints: Requires significant global cooperation, strong climate policies, and technological innovations to reduce emissions and improve energy efficiency. Limitations: Relies heavily on the assumption of global cooperation and significant policy shifts, which may be challenging to achieve universally.*

### (5.1.1.11) Rationale for choice of scenario

*The same scenarios for climate risk also apply to water. For physical risks, Amgen is using RCP-2.6, RCP-4.5 and RCP-8.5 as representative climate risk scenarios that account for optimistic, middle-of-the-road, and pessimistic scenarios. RCP-2.6 was viewed as a plausible, optimistic sustainable development scenario, with temperature stabilizing at 1.8°C and RCP-4.5 as the middle-of-the-road scenario, aligned with current trends with development. RCP-8.5 was considered a more extreme scenario to pressure-test physical risks, assuming current emissions almost double by 2050, and that the world economy grows rapidly, driven by fossil fuels exploitation and energy-intensive processes, causing temperature increases above 3°C.*

## Water

### (5.1.1.1) Scenario used

Physical climate scenarios

- RCP 4.5

### (5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

- SSP2

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

#### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

#### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical
- Chronic physical

#### (5.1.1.6) Temperature alignment of scenario

Select from:

- 2.5°C - 2.9°C

#### (5.1.1.7) Reference year

1995

#### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

#### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IPCC SSP 2-4.5: Assumptions: Represents a continuation of historical trends with uneven progress. It assumes moderate global population growth, modest economic development, and some improvements in resource and energy efficiency. Constraints: Limited progress in achieving sustainable development goals and persistent income inequality. Environmental systems experience both degradation and improvement. Limitations: Assumes no major shifts in policy or behavior, making it difficult to achieve substantial mitigation or adaptation.*

### (5.1.1.11) Rationale for choice of scenario

*The same scenarios for climate risk also apply to water. For physical risks, Amgen is using RCP-2.6, RCP-4.5 and RCP-8.5 as representative climate risk scenarios that account for optimistic, middle-of-the-road, and pessimistic scenarios. RCP-2.6 was viewed as a plausible, optimistic sustainable development scenario, with temperature stabilizing at 1.8°C and RCP-4.5 as the middle-of-the-road scenario, aligned with current trends with development. RCP-8.5 was considered a more extreme scenario to pressure-test physical risks, assuming current emissions almost double by 2050, and that the world economy grows rapidly, driven by fossil fuels exploitation and energy-intensive processes, causing temperature increases above 3°C.*

## Water

### (5.1.1.1) Scenario used

Physical climate scenarios

- RCP 8.5

### (5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

- SSP5

### (5.1.1.3) Approach to scenario

Select from:

- Qualitative and quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

- Acute physical
- Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 4.0°C and above

### (5.1.1.7) Reference year

1995

### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

Finance and insurance

- Cost of capital

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Global targets
- Methodologies and expectations for science-based targets

Relevant technology and science

- Other relevant technology and science driving forces, please specify :Availability and feasibility of decarbonization measures

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime

Macro and microeconomy

- Domestic growth
- Globalizing markets

### (5.1.1.10) Assumptions, uncertainties and constraints in scenario

*IPCC SSP 5-8.5: Assumptions: This scenario relies on rapid technological progress and development driven by competitive markets and abundant fossil fuel use. It features high economic growth, integrated global markets, and strong investments in human capital. Constraints: High greenhouse gas emissions due to energy-intensive lifestyles and reliance on fossil fuels. Local environmental problems are managed, but global issues like climate change are not addressed adequately. Limitations: High reliance on technological solutions like carbon capture and storage, which may not be sufficient or scalable in the required timeframe.*

### **(5.1.1.11) Rationale for choice of scenario**

*The same scenarios for climate risk also apply to water. For physical risks, Amgen is using RCP-2.6, RCP-4.5 and RCP-8.5 as representative climate risk scenarios that account for optimistic, middle-of-the-road, and pessimistic scenarios. RCP-2.6 was viewed as a plausible, optimistic sustainable development scenario, with temperature stabilizing at 1.8°C and RCP-4.5 as the middle of the road scenario, aligned with current trends with development. RCP-8.5 was considered a more extreme scenario to pressure-test physical risks, assuming current emissions almost double by 2050, and that the world economy grows rapidly, driven by fossil fuels exploitation and energy-intensive processes, causing temperature increases above 3°C.*

*[Add row]*

## **(5.1.2) Provide details of the outcomes of your organization’s scenario analysis.**

### **Climate change**

#### **(5.1.2.1) Business processes influenced by your analysis of the reported scenarios**

*Select all that apply*

- Risk and opportunities identification, assessment and management
- Strategy and financial planning
- Resilience of business model and strategy
- Capacity building

#### **(5.1.2.2) Coverage of analysis**

*Select from:*

- Organization-wide

#### **(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues**

*Amgen considered present-day, 2030- and 2050-time horizons for three physical risk climate scenarios (RCP-2.6, RCP-4.5 and RCP-8.5) and three transition risk climate scenarios from IEA or NGFS based on the availability of data (IEA Net Zero 2050/NGFS Divergent Net Zero (DNZ), IEA APS/NGFS Delayed Transition, and*

*IEA STEPS/NGFS Nationally Determined Contributions (NDCs)) to model climate-related risks and opportunities across Amgen's own operations and its value chain. For physical risks, scenario analysis revealed that extreme precipitation, wildfires, and rising temperatures are near-term risks to Amgen direct operations. The analysis concluded that our sites are appropriately mitigated in the near term against these risks through engineering mitigation measures and current risk and business continuity plans. Amgen might be exposed to potential increases in extreme weather events, wildfires, and new physical climate risks, such as water scarcity, in the longer term (2050). Amgen will continue to evaluate and implement engineering improvements to prepare for these potential climate risks in the longer term. For transition risks, scenario analysis suggested that new regulations, the ability of our supply chain to meet such requirements, and the use of low-emission technology are potential near-term risks for our business. Average carbon taxes across countries might increase to ~\$50/metric ton under current policies (NDC) in 2030. If implemented, Amgen's suppliers might be subject to these taxes, causing potential increases in costs if such costs are passed on. Amgen is engaging with its suppliers to encourage their decarbonization efforts to mitigate this risk. Technology transition risks are associated with the increase in cost of natural gas and the availability of renewable energy. Under the NDC scenario, natural gas prices could grow globally from \$6.5/GJ to \$8/GJ on average by 2030. Amgen is also increasing electrification of our processes across sites to mitigate such risk. Renewable energy share is expected to grow in the STEPS and APS scenarios. Amgen is exploring securing long-term renewable electricity contracts beyond energy attribute certificates. This will be important as Amgen continues to electrify its operations.*

## Water

### (5.1.2.1) Business processes influenced by your analysis of the reported scenarios

*Select all that apply*

- Risk and opportunities identification, assessment and management
- Strategy and financial planning
- Resilience of business model and strategy
- Capacity building

### (5.1.2.2) Coverage of analysis

*Select from:*

- Organization-wide

### (5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

*Amgen considered present-day, 2030- and 2050-time horizons for three physical risk climate scenarios (RCP-2.6, RCP-4.5 and RCP-8.5) and three transition risk climate scenarios from IEA or NGFS based on the availability of data (IEA Net Zero 2050/NGFS Divergent Net Zero (DNZ), IEA APS/NGFS Delayed Transition, and IEA STEPS/NGFS Nationally Determined Contributions (NDCs)) to model climate-related risks and opportunities across Amgen's own operations and its value chain. For physical risks, scenario analysis revealed that extreme precipitation, wildfires, and rising temperatures are near-term risks to Amgen direct operations. The analysis concluded that our sites are appropriately mitigated in the near term against these risks through engineering mitigation measures and current risk and*

*business continuity plans. Amgen might be exposed to potential increases in extreme weather events, wildfires, and new physical climate risks, such as water scarcity, in the longer term (2050). Amgen will continue to evaluate and implement engineering improvements to prepare for these potential climate risks in the longer term. For transition risks, scenario analysis suggested that new regulations, the ability of our supply chain to meet such requirements, and the use of low-emission technology are potential near-term risks for our business. Average carbon taxes across countries might increase to ~\$50/metric ton under current policies (NDC) in 2030. If implemented, Amgen's suppliers might be subject to these taxes, causing potential increases in costs if such costs are passed on. Amgen is engaging with its suppliers to encourage their decarbonization efforts to mitigate this risk. Technology transition risks are associated with the increase in cost of natural gas and the availability of renewable energy. Under the NDC scenario, natural gas prices could grow globally from \$6.5/GJ to \$8/GJ on average by 2030. Amgen is also increasing electrification of our processes across sites to mitigate such risk. Renewable energy share is expected to grow in the STEPS and APS scenarios. Amgen is exploring securing long-term renewable electricity contracts beyond energy attribute certificates. This will be important as Amgen continues to electrify its operations.*

*[Fixed row]*

## **(5.2) Does your organization's strategy include a climate transition plan?**

### **(5.2.1) Transition plan**

Select from:

No, but we are developing a climate transition plan within the next two years

### **(5.2.15) Primary reason for not having a climate transition plan that aligns with a 1.5°C world**

Select from:

Other, please specify :The global transition plan is in progress; to align with local requirements local climate transition plans have been prioritized.

### **(5.2.16) Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world**

*Amgen's global climate transition plan is a work-in-progress, and Amgen aims to have it finalized within two years. The climate transition plan as required for the UK is being developed within one year.*

*[Fixed row]*

## **(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

### (5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

Select all that apply

- Products and services
- Upstream/downstream value chain
- Investment in R&D
- Operations

[Fixed row]

### (5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

#### Products and services

#### (5.3.1.1) Effect type

Select all that apply

- Opportunities

#### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- Climate change

#### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

*We consider the risks in our business and propose mitigation measures to optimize packaging design. Amgen has implemented strategies to reduce our products and product packaging climate impacts. Our global packaging sustainability programs focus on circularity, fewer and more sustainable plastics, responsible sourcing, transport reduction, and patient communications to help ensure customers appropriately dispose of packaging. Our Green Packaging Assessment tool helps us to consider sustainable material selection by evaluating “right-sizing” of the packaging, and circularity of the materials (e.g., plastic-free, recyclability, recycled content). This offers long-term savings through energy efficiency and waste reduction. We conduct regular internal reviews of the Green Packaging Assessment tool to integrate the latest scientific sustainability insights into packaging development and measure carbon, water, and waste reduction when optimizing packaging designs.*

*In 2022, Amgen achieved its ambition of using 100% Forest Stewardship Council (FSC) or PEFC (Program for Endorsement of Forest Certification) certified paper products in all secondary packaging. We also began phasing out PVC in secondary packaging in 2021, and in 2023 we started working on a strategy to remove PVC from our tablet blister packaging. Amgen's growth strategy requires a unified, simplified and more sustainable packaging. By 2030 Amgen intends to introduce the packaging of the future, fully recyclable packaging with optimized product-pack volume and processability. In 2023, we performed Life Cycle Assessments (LCAs) on alternative packaging materials and designs, including, but not limited to, switching from plastic foam to fiber-based inserts, transitioning from paper to electronic leaflets, removing patient information booklets, and reducing packaging size. These LCA studies helped us identify the environmental impacts for different scenarios and improve our decision-making. A 2023 fiber-based tray pilot in Canada and Europe reduced packaging carbon footprint by 75%, water usage by 71%, and waste by 100% compared with the standard tray in use. Amgen plans to continue to conduct LCAs on existing and new packaging to inform more sustainable designs. In 2023, Amgen began estimating product level manufacturing Scope 1 and 2 emissions to better understand energy requirements for different products across the production life cycle and to gain insights into energy efficiency opportunities across our operations, which are still being assessed for feasibility. This enabled the production of Cradle-to-Grave LCAs for our products to help identify environmental hotspots across production, use, and end of life, and in 2024 Amgen began developing an advanced LCA tool to support this process. In 2024, increased requests for country-specific LCA information show the importance of value chain energy, water, and emissions information to maintain competitive market access.*

## **Upstream/downstream value chain**

### **(5.3.1.1) Effect type**

*Select all that apply*

Opportunities

### **(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area**

*Select all that apply*

Climate change

### **(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area**

*When Amgen's scope 1, 2, and 3 emissions are viewed collectively, 90% of those emissions are generated within our upstream and downstream value chain. To begin to address value chain emissions, we have begun engaging with key/strategic partners to share our sustainability journey and best practices. We have also enhanced our ability to analyze the impact of our engagement through the adoption of a Carbon Action Module offered by our supply chain rating organization. Amgen is also a member of the Energize program that offers education and opportunities to our value chain for procurement of renewable electricity via power purchase agreements. Amgen's SBTi-approved targets include a Scope 3 supplier engagement target to engage with 73% of our suppliers by spend in key categories to support their adoption of science-based carbon emission reduction targets. This represents suppliers responsible for approximately 67% of our Scope 3 emissions, as measured in 2019. We prioritize climate and are committed to decarbonizing our value chain. Amgen has requested carbon emissions data related to transportation and distribution of our inbound materials, our outbound materials, and our products to paid logistic providers to map environmental impact. This data is used to develop our annual, publicly disclosed Scope 3 emissions reporting.*

## Investment in R&D

### (5.3.1.1) Effect type

Select all that apply

Opportunities

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

Climate change

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

*Amgen invests in R&D processes that reduce energy and materials consumption and improve efficiency, which serve to mitigate climate risks. As a result of these efforts, Amgen has received the Environmental Protection Agency Green Chemistry Challenge Award multiple times. Amgen has also committed resources to lab sustainability through the My Green Labs certification and participation in the Freezer Challenge. Both initiatives address key areas of energy use, waste, and green chemistry in lab settings, including R&D labs through culture change opportunities. More information on these programs is described in this report.*

## Operations

### (5.3.1.1) Effect type

Select all that apply

Risks

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

Climate change

Water

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Climate- and water-related impacts are factored into decisions about where to manufacture and store products. Risk of weather events, access to clean, potable water, and risk of wildfires are some climate-related risks we evaluate when considering where to manufacture our products, or where and how much of our products to store in a given region. Water risk assessments, including water stress assessments for key sites, informed Amgen's 2027 Environmental Sustainability goals and focus on priority sites. Amgen considers environment and sustainability fit when assessing contract manufacturing organizations. Site selection assessment includes questions about sustainability programs and science-based targets for reducing greenhouse gas and carbon emissions. These questions and answers are factored into the site selection process.

## Operations

### (5.3.1.1) Effect type

Select all that apply

Opportunities

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

Climate change

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Amgen Ecovation™ is our approach to innovative and sustainable manufacturing, which we embed into the upfront design, development, and execution of new laboratory, manufacturing, and administrative buildings. It reduces the scale and costs of making biologic medicines, and reduces water and energy use, while maintaining a reliable, high-quality, compliant supply of medicines. We applied this approach at our facilities in Singapore and Rhode Island, reducing energy consumption by more than 70% and water consumption by more than 50% (as of Sept. 30, 2024). A sustainability working group was essential in early-stage planning, collaboration, and stakeholder engagement for our Ohio and North Carolina facilities. Amgen's Ohio facility is our first fully electrified facility, leveraging multiple sustainability features like reflective roofing, heat recovery chillers, transfer and reuse of cold air, on-site solar photovoltaics, and occupancy controls for the HVAC and lighting, among others. Our North Carolina facility has LED lighting, EV charging stations, on-site solar photovoltaics (PV), and minimized natural gas use, reducing its Scope 1 footprint. Both facilities are on rack for LEED Gold certification. We also achieved LEED Gold for our San Francisco, California facility in 2022, and received LEED certification for five buildings at our Thousand Oaks, California campus and one building at the Puerto Rico facility. Amgen is working toward sourcing 100% renewable electricity by 2027. In 2023, Amgen purchased ~90% renewable electricity globally. Amgen installed PV panels at our Singapore facility in 2022 and added more panels in 2023. There are also active projects at our Ohio, North Carolina facilities, and Breda, Netherlands facilities. These projects are expected to reduce annual plant electricity use by approximately 20% in Ohio, 13% in North Carolina, and 7% in Singapore (cumulative total) and are projected to reduce emission by ~1,100 MT. We deployed Amgen's Smart and Integrated Facilities Program (SaiF) in Thousand Oaks, Rhode Island, Puerto Rico, Dun Laoghaire, Singapore, Massachusetts, and San Francisco to identify system faults that waste energy in real time so they can be mitigated quickly and efficiently, avoiding ~800 MT of emissions. Amgen Thousand Oaks implemented an initiative to close laboratory fume hoods when not in use to minimize the amount of air conditioned and exhausted by the ventilation system, reducing lab fume hood energy use by ~130 MT. Amgen also has committed to lab sustainability through the My Green Labs

certification and participation in the Freezer Challenge. In 2024 Amgen reduced Scope 1 and 2 emissions by 46% from a 2019 baseline even considering our higher manufacturing output as we serve more patients globally, our investments in our new Ohio facility, and our Horizon acquisition.

## Operations

### (5.3.1.1) Effect type

Select all that apply

Risks

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

Water

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Amgen recognizes that water is important to both the communities in which we operate and our operations as we continue to serve more patients. Therefore, we strive to utilize water responsibly. In 2024, our Total Water Usage increased due to expansion within our owned-and-operated facilities and operations, despite executing 198,000 CM in water saving projects. Amgen continues to focus on minimizing water use, particularly groundwater use, thus reducing our impact on water-dependent ecosystems. Our conservation projects continue to help us reduce environmental impact while achieving substantial business growth. According to the WWF Water Risk Filter and the WRI Aqueduct Water Risk Atlas tools, our sites in Thousand Oaks, Singapore, San Francisco, Rhode Island, Puerto Rico, Ohio, Massachusetts, Deerfield, United Kingdom, Burnaby, and Breda are in water-stressed geographical regions. Using both tools, we identified these sites as water-stressed locations using the tools' risk scores of Medium Risk or higher (WWF Water Risk Tool) for both "Basin Risk" and "Organizational Risk" and a Medium-High or higher (20-40%) (from WRI Aqueduct Water Risk Atlas) in 2024. Amgen continues to make steady progress towards our 2027 environmental sustainability water target to achieve 858,500 CM of water reductions across the enterprise.

## Products and services

### (5.3.1.1) Effect type

Select all that apply

Risks

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

Climate change

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

*Amgen has also seen a remarkable uptick in sustainability requests from our customers in 2024 that have the potential to impact our ability to participate in various markets. These requests have been made from various entities, including government healthcare services, hospital districts, hospital-buyer collectives, local distributors, contract manufacturers, private hospitals, and nursing homes. Amgen successfully responded to multiple customer requests and identified the increasing impact of sustainability questions in tender bids. In 2024, we participated in 24 tender bids with sustainability requirements. For many of those bids, LCA product data was required. Evolving requirements in France led to the generation of an externally validated, Amgen-specific, methodology for product-based sustainability accounting in 2024.*

## Operations

### (5.3.1.1) Effect type

Select all that apply

Opportunities

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

Water

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

*In 2024, we established a practical pathway to achieve our 2027 water aspiration of 858,500 CM water reduction. To achieve our water reduction target, we are implementing water-efficiency and water-reduction projects to reduce our water consumption in our manufacturing, R&D, administrative, and distribution spaces. For example, we achieved an annual water savings of 91,000 CM of water at our Puerto Rico site via an improvement to our ultra-high-purity water-generation systems.*

## Operations

### (5.3.1.1) Effect type

Select all that apply

Opportunities

### (5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

Water

### (5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

*In 2024, feasibility and design studies for the potential implementation of an on-site water reclamation project are underway for our Thousand Oaks site that would then enable the site to recapture and reuse an increased amount of water from throughout the facilities' operations. Projects at Rhode Island and Singapore sites achieved reuse of otherwise discarded water for cooling tower water. Additionally, our Singapore and Puerto Rico manufacturing facilities, two of our largest facilities, have implemented on-site wastewater treatment plants, enabling both sites to recapture, recycle, and reuse water for industrial uses. The use of recycled water in our operations reduces the amount of water demand from our local aquifers and local municipalities, as water issues are understood to be highly localized to each geographical location. Amgen's water-efficiency and water-reuse projects are crucial to help Amgen in meeting its 2027 water reduction ambition of 858,500 CMs*  
[Add row]

### (5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

#### Row 1

### (5.3.2.1) Financial planning elements that have been affected

Select all that apply

Direct costs

Indirect costs

Capital expenditures

### (5.3.2.2) Effect type

Select all that apply

Opportunities

### (5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

- Climate change
- Water

#### (5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

*Our environmental sustainability goals for 2027 include a target to achieve carbon neutrality (1) in our internal operations. Task: To help achieve our goal of carbon neutrality by 2027, Amgen has introduced several measures to incorporate sustainability and climate risk into financial decisions. Action: Amgen requires the use of one of two internal prices on carbon (IPoC) to encourage the design and implementation of projects that reduce energy use and carbon emissions. The first IPoC of \$1,600 USD per metric ton (MT) of carbon dioxide equivalents (CO2e) emissions is used in our Investment Lifecycle Management program to evaluate the sustainability scope (e.g., innovative and efficient equipment alternatives, enhanced control, etc.) that support reduced energy consumption (and carbon footprint). The second IPoC is an internal fee of \$1,000 USD per metric ton for large projects costing over \$500K that result in an increase in CO2e emissions by 500 metric tons or more. Proceeds from these internal carbon fees are then added to our overall Environmental Sustainability Budget to fund additional carbon reduction projects. Furthermore, our 2022 \$750 million Green Bond funded eligible investments: \$300 million of the net proceeds from the Green Bond issuance were allocated to and used in the construction of our Ohio facility. The net proceeds from the Green Bond issuance were allocated to and used in the construction of our North Carolina facility (\$361 million) and the Amgen Ecovation(TM) biomanufacturing plant in Rhode Island (\$74 million), the redesign and upgrade of our wastewater treatment operations in our Singapore facility to reduce our water usage (\$11 million), and to support other eco-efficient operations across our manufacturing facilities (\$4 million). In 2023-24, Amgen Ecovation(TM) guided the design and construction of two new U.S. plants (in Ohio and North Carolina). The North Carolina facility is expected to reduce energy use by at least 20% as compared to ASHRAE-modeled conventional manufacturing facilities. (1) Carbon neutrality goal refers to Scope 1 and 2 and is inclusive of our acquisition of Horizon Therapeutics plc in October 2023. Water and waste reductions are measured against a 2019 baseline and take into account only verified reduction projects and not changes associated with the contraction or expansion of the Company (e.g., waste and water reduction measurements exclude Horizon Therapeutics).*

## Row 2

#### (5.3.2.1) Financial planning elements that have been affected

Select all that apply

- Direct costs
- Indirect costs
- Capital expenditures

#### (5.3.2.2) Effect type

Select all that apply

- Opportunities

### (5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

Water

### (5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

*Our environmental sustainability goals for 2027 include a commitment to reduce water use by 40% across our internal operations. Task: Amgen has introduced several monetary measures to incorporate sustainability and water into financial decisions. Action: Amgen employs an internal price on water (IPoW) to encourage the design and implementation of projects that reduce water use and. The IPoW is an Investment Evaluator used by our Investment Lifecycle Management group to evaluate the sustainability scope that supports reduced water use. We apply an internal price of \$80/CM of water. Furthermore, we entered into a \$750 million Green Bond in 2022 to fund eligible projects (as defined in Amgen's Green Financing Framework) in categories that include green buildings, eco-efficient operations and processes and eco-efficient products. Results: These financial mechanisms have been designed to help drive specific environmental sustainability projects across our operations, such as working to expand the use of innovative manufacturing technologies, design smart and integrated facilities, use drought-tolerant landscaping and treat and reuse water. Across sites in Singapore and the U.S., these financial mechanisms have supported the implementation of Amgen Ecovation™, our approach to innovative and sustainable manufacturing which we embed into the upfront design, development, and execution of our new laboratory, manufacturing, and administrative buildings. In 2023-24, Amgen Ecovation(TM) guided the design and construction of two new U.S. plants (in Ohio and North Carolina). The North Carolina and Rhode Island facilities are expected to reduce their water use by at least 10% as compared to conventional Amgen manufacturing facilities.*

### Row 3

### (5.3.2.1) Financial planning elements that have been affected

Select all that apply

Direct costs

### (5.3.2.2) Effect type

Select all that apply

Opportunities

### (5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

- Climate change
- Water

#### (5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

In response to the increase in environmental sustainability reporting, Amgen has added several new employees to our Environmental Sustainability team to advance our focus on topics such as Net Zero transition planning.

[Add row]

#### (5.4) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?

	Identification of spending/revenue that is aligned with your organization's climate transition	Methodology or framework used to assess alignment with your organization's climate transition
	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Other methodology or framework

[Fixed row]

#### (5.4.1) Quantify the amount and percentage share of your spending/revenue that is aligned with your organization's climate transition.

##### Row 1

#### (5.4.1.1) Methodology or framework used to assess alignment

Select from:

- Other, please specify :Alignment with our climate transition plan

#### (5.4.1.5) Financial metric

Select from:

CAPEX

#### (5.4.1.6) Amount of selected financial metric that is aligned in the reporting year (currency)

30200000

#### (5.4.1.7) Percentage share of selected financial metric aligned in the reporting year (%)

2.8

#### (5.4.1.12) Details of the methodology or framework used to assess alignment with your organization's climate transition

*In 2024, we spent approximately \$1.1 billion on capital expenditures. Of these capital expenditures, approximately \$22.8 million were specifically allocated for carbon reduction projects identified to support the achievement of our 2027 Environmental Sustainability Plan. We consider capital spend for future years to be confidential.*

### Row 2

#### (5.4.1.1) Methodology or framework used to assess alignment

Select from:

Other, please specify :Alignment with our climate transition plan

#### (5.4.1.5) Financial metric

Select from:

OPEX

#### (5.4.1.6) Amount of selected financial metric that is aligned in the reporting year (currency)

2600000

#### (5.4.1.7) Percentage share of selected financial metric aligned in the reporting year (%)

### (5.4.1.12) Details of the methodology or framework used to assess alignment with your organization's climate transition

*In 2024, we spent \$26.166 billion on operating expenses. Of this operational expenditure, we spent approximately \$2.6 million to support the achievement of our 2027 Environmental Sustainability Plan. We consider capital spend for future years to be confidential.*

*[Add row]*

## (5.9) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

### (5.9.1) Water-related CAPEX (+/- % change)

352

### (5.9.2) Anticipated forward trend for CAPEX (+/- % change)

55

### (5.9.3) Water-related OPEX (+/- % change)

-54

### (5.9.4) Anticipated forward trend for OPEX (+/- % change)

1717

### (5.9.5) Please explain

*In 2024, Amgen invested significantly in on-site water reclamation facilities.*

*[Fixed row]*

## (5.10) Does your organization use an internal price on environmental externalities?

	Use of internal pricing of environmental externalities	Environmental externality priced
	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>Select all that apply</i> <input checked="" type="checkbox"/> Carbon <input checked="" type="checkbox"/> Water

[Fixed row]

### (5.10.1) Provide details of your organization's internal price on carbon.

#### Row 1

##### (5.10.1.1) Type of pricing scheme

*Select from:*

- Other, please specify :Investment Evaluator

##### (5.10.1.2) Objectives for implementing internal price

*Select all that apply*

- Drive energy efficiency
- Set a carbon offset budget
- Conduct cost-benefit analysis
- Identify and seize low-carbon opportunities
- Influence strategy and/or financial planning
- Setting and/or achieving of climate-related policies and targets
- Other, please specify :**Change internal behavior**

##### (5.10.1.3) Factors considered when determining the price

Select all that apply

- Scenario analysis
- Benchmarking against peers
- Alignment to scientific guidance
- Alignment to international standards
- Price/cost of renewable energy procurement
- Price/cost of voluntary carbon offset credits
- Price with substantive impact on business decisions
- Cost of required measures to achieve climate-related targets
- Other, please specify :**Historical company project delivery**

#### (5.10.1.4) Calculation methodology and assumptions made in determining the price

We apply an internal price of carbon (IPoC) of \$1,600 per metric ton of CO<sub>2</sub>e emissions for capital projects to evaluate the purchase of innovative and efficient equipment that supports further reductions in carbon. Based on historical experience and taking into account Amgen's 2019 baseline Scope 1 and Scope 2 emissions, we determined that an internal carbon price of approximately \$1,600 per metric ton is an appropriate level to encourage innovation and energy efficiency for internal projects. Capital projects seeking funding must include an environmental sustainability assessment in their funding request. Part of the environmental sustainability assessment is to calculate anticipated carbon emissions and then apply our IPoC to encourage sustainability scope decisions that support further reductions in carbon.

#### (5.10.1.5) Scopes covered

Select all that apply

- Scope 1
- Scope 2

#### (5.10.1.6) Pricing approach used – spatial variance

Select from:

- Uniform

#### (5.10.1.8) Pricing approach used – temporal variance

Select from:

- Evolutionary

#### (5.10.1.9) Indicate how you expect the price to change over time

Pricing is monitored and will be reviewed for price adjustment consideration in alignment with market forces.

**(5.10.1.10) Minimum actual price used (currency per metric ton CO2e)**

1600

**(5.10.1.11) Maximum actual price used (currency per metric ton CO2e)**

1600

**(5.10.1.12) Business decision-making processes the internal price is applied to**

Select all that apply

Capital expenditure

**(5.10.1.13) Internal price is mandatory within business decision-making processes**

Select from:

Yes, for all decision-making processes

**(5.10.1.14) % total emissions in the reporting year in selected scopes this internal price covers**

100

**(5.10.1.15) Pricing approach is monitored and evaluated to achieve objectives**

Select from:

Yes

**(5.10.1.16) Details of how the pricing approach is monitored and evaluated to achieve your objectives**

*Amgen monitors the internal price on an ongoing basis as projects are evaluated. We believe the internal price appropriately incentivizes high-quality efficient and innovative projects. Pricing will continue to be monitored and evaluated for ongoing applicability.*

**Row 2**

**(5.10.1.1) Type of pricing scheme**

Select from:

- Internal fee

### (5.10.1.2) Objectives for implementing internal price

Select all that apply

- Drive energy efficiency
- Set a carbon offset budget
- Conduct cost-benefit analysis
- Identify and seize low-carbon opportunities
- Influence strategy and/or financial planning
- Setting and/or achieving of climate-related policies and targets
- Other, please specify :**Change internal behavior**

### (5.10.1.3) Factors considered when determining the price

Select all that apply

- Scenario analysis
- Benchmarking against peers
- Alignment to scientific guidance
- Alignment to international standards
- Price/cost of renewable energy procurement
- Price/cost of voluntary carbon offset credits
- Price with substantive impact on business decisions
- Cost of required measures to achieve climate-related targets
- Other, please specify :**Historical company project delivery**

### (5.10.1.4) Calculation methodology and assumptions made in determining the price

*For capital projects over \$500K that result in an increase in CO2e emissions by greater than 500 metric tons, we apply an internal fee. This is the estimated cost of carbon reduction activities required to offset such emissions. Our current approach is to apply a uniform price to all geographies, business units, and types of decisions. Our internal price of carbon is based on Scope 1 and Scope 2 (location-based) emissions and is expected to evolve over time. Proceeds are then added to our overall Environmental Sustainability Budget to fund reduction projects. Example: In 2024, our India operations planned and initiated renovations to a new leased space that had unfavorable (carbon-emitting) carbon emissions outcome of 2,259 metric tons of carbon, so was assessed a fee of \$2.259 million.*

### (5.10.1.5) Scopes covered

Select all that apply

- Scope 1
- Scope 2

#### (5.10.1.6) Pricing approach used – spatial variance

Select from:

Uniform

#### (5.10.1.8) Pricing approach used – temporal variance

Select from:

Evolutionary

#### (5.10.1.9) Indicate how you expect the price to change over time

*Pricing is monitored and will be reviewed for price adjustment consideration in alignment with market forces.*

#### (5.10.1.10) Minimum actual price used (currency per metric ton CO2e)

1000

#### (5.10.1.11) Maximum actual price used (currency per metric ton CO2e)

1000

#### (5.10.1.12) Business decision-making processes the internal price is applied to

Select all that apply

Capital expenditure

#### (5.10.1.13) Internal price is mandatory within business decision-making processes

Select from:

Yes, for some decision-making processes, please specify :For capital projects of over \$500K that result in an increase in CO2e emissions by greater than 500 metric tons, we apply an internal fee.

#### (5.10.1.14) % total emissions in the reporting year in selected scopes this internal price covers

### (5.10.1.15) Pricing approach is monitored and evaluated to achieve objectives

Select from:

Yes

### (5.10.1.16) Details of how the pricing approach is monitored and evaluated to achieve your objectives

*Amgen monitors the internal price on an ongoing basis as projects are evaluated. The internal price has been appropriate to justify high quality efficient and innovative projects. Pricing will continue to be monitored moving forward and evaluated for ongoing applicability.*

[Add row]

## (5.10.2) Provide details of your organization's internal price on water.

### Row 1

#### (5.10.2.1) Type of pricing scheme

Select from:

Internal fee

#### (5.10.2.2) Objectives for implementing internal price

Select all that apply

- Drive water efficiency
- Incentivize consideration of water-related issues in decision making
- Influence strategy and/or financial planning
- Setting and/or achieving of water-related policies and targets

#### (5.10.2.3) Factors beyond current market price are considered in the price

Select from:

Yes

#### (5.10.2.4) Factors considered when determining the price

Select all that apply

- Cost of required measures to achieve water-related targets
- Costs of disposing water
- Costs of treating water
- Price with substantive impact on business decisions
- Scenario analysis

#### (5.10.2.5) Calculation methodology and assumptions made in determining the price

*We assess water efficiency and beneficial reuse projects against an \$80 per cubic meter (CM) internal price of water as an investment evaluator. Based on historical projects, we determined that a \$80/CM internal price of water is required to drive innovation and efficiency projects and scope that might not otherwise include water conservation if decisions were based solely on return on investment. We assess opportunities and evaluate water reduction projects and initiatives for each of our major locations. We also encourage and help sites to execute projects to reuse water as much as possible, as the internal price of water can drive sustainability considerations into projects that would not otherwise include sustainability scope.*

#### (5.10.2.6) Stages of the value chain covered

Select all that apply

- Direct operations

#### (5.10.2.7) Pricing approach used – spatial variance

Select from:

- Uniform

#### (5.10.2.9) Pricing approach used – temporal variance

Select from:

- Static

#### (5.10.2.11) Minimum actual price used (currency per cubic meter)

### (5.10.2.12) Maximum actual price used (currency per cubic meter)

80

### (5.10.2.13) Business decision-making processes the internal water price is applied to

Select all that apply

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Operations      | <input checked="" type="checkbox"/> Impact management       |
| <input checked="" type="checkbox"/> Procurement     | <input checked="" type="checkbox"/> Capital expenditure     |
| <input checked="" type="checkbox"/> Remuneration    | <input checked="" type="checkbox"/> Opportunity management  |
| <input checked="" type="checkbox"/> Product and R&D | <input checked="" type="checkbox"/> Value chain engagement  |
| <input checked="" type="checkbox"/> Risk management | <input checked="" type="checkbox"/> Dependencies management |

### (5.10.2.14) Internal price is mandatory within business decision-making processes

Select from:

- Yes, for all decision-making processes

### (5.10.2.15) Pricing approach is monitored and evaluated to achieve objectives

Select from:

- Yes

### (5.10.2.16) Details of how the pricing approach is monitored and evaluated to achieve your objectives

*Amgen monitors the internal price on an ongoing basis as projects are evaluated. The internal price has been appropriate to justify high quality efficiency and innovative projects. Pricing will continue to be monitored moving forward and evaluated for ongoing applicability.*

[Add row]

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

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Suppliers	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>Select all that apply</i> <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Plastics
Customers	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>Select all that apply</i> <input checked="" type="checkbox"/> Climate change
Investors and shareholders	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>Select all that apply</i> <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water
Other value chain stakeholders	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>Select all that apply</i> <input checked="" type="checkbox"/> Climate change

[Fixed row]

### (5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

#### Climate change

##### (5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

*Select from:*

Yes, we assess the dependencies and/or impacts of our suppliers

##### (5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

*Select all that apply*

Contribution to supplier-related Scope 3 emissions

### (5.11.1.3) % Tier 1 suppliers assessed

Select from:

51-75%

### (5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

1000000

### (5.11.1.5) % Tier 1 suppliers meeting the threshold for substantive dependencies and/or impacts on the environment

Select from:

Unknown

## Water

### (5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years

## Plastics

### (5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years

[Fixed row]

### (5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

## Climate change

### (5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

- Yes, we prioritize which suppliers to engage with on this environmental issue

### (5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to climate change
- Material sourcing
- Procurement spend
- Strategic status of suppliers

### (5.11.2.4) Please explain

*Our Supplier Sustainability Program focuses on our most strategic and high-risk suppliers' commitment to sustainability and social responsibility in line with our Supplier Code of Conduct. Through an annual third-party supplier engagement service, we assess and monitor the sustainability performance of key suppliers prioritized by strategic importance and risk and continue to expand the program. We work with EcoVadis to assess our suppliers' climate-related issues. The scope of assessment includes emissions reporting, SBTi targets, ISO 14001 status, and others. As part of our 2027 environmental sustainability plan, in 2022, we established a Scope 3 supplier engagement target to engage with 73% of our suppliers by spend in key categories to support their adoption of science-based carbon emission reduction targets. This would represent suppliers responsible for 67% of our Scope 3 emissions from a 2019 baseline.*

## Water

### (5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

- Yes, we prioritize which suppliers to engage with on this environmental issue

### (5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- Material sourcing

- Procurement spend
- Strategic status of suppliers

#### (5.11.2.4) Please explain

*Our Supplier Sustainability Program focuses on our suppliers' commitment to sustainability and social responsibility in line with our Supplier Code of Conduct. This spend threshold covers most high-volume materials and strategic suppliers. Through an annual third-party supplier engagement service, we assess and monitor the sustainability performance of key suppliers and continue to expand the program. We work with EcoVadis to assess our suppliers' water-related issues. The Key Performance Indicators (KPIs) from EcoVadis' supplier assessment evaluate our supplier's policies that include their management of water consumption, their management of water quality, and their water accounting methods. Sustainability is also included explicitly in the supplier selection process when new contracts are being awarded.*

## Plastics

#### (5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

- Yes, we prioritize which suppliers to engage with on this environmental issue

#### (5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- Material sourcing
- Procurement spend
- Strategic status of suppliers

#### (5.11.2.4) Please explain

*Our Supplier Sustainability Program focuses on our highest spend suppliers' commitment to sustainability and social responsibility in line with our Supplier Code of Conduct. This spend threshold covers most high-volume materials and strategic suppliers. Through an annual third-party supplier engagement service, we assess and monitor the sustainability performance of key suppliers and continue to expand the program. We work with EcoVadis to assess our suppliers' plastics-related issues. The KPIs from EcoVadis' supplier assessment evaluate our supplier's policies including their management of biodegradable plastics and international plastic agreements.*

[Fixed row]

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

### **Climate change**

#### **(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process**

Select from:

Yes, environmental requirements related to this environmental issue are included in our supplier contracts

#### **(5.11.5.2) Policy in place for addressing supplier non-compliance**

Select from:

No, we do not have a policy in place for addressing non-compliance

#### **(5.11.5.3) Comment**

*Amgen contractually requires all suppliers to adhere to Amgen's Supplier Code of Conduct. This requirement is incorporated into our sourcing processes, contracts, and onboarding of suppliers. Amgen's Supplier Code of Conduct states that suppliers shall reduce their environmental footprint by minimizing their use of natural resources and the environmental impact of their activities. Suppliers are expected to comply with all applicable environmental regulations, laws, codes, and other governmental requirements and authorizations, as well as to obtain and follow all associated operational and reporting requirements of required environmental permits, licenses, registrations, and restrictions. Our Supplier Sustainability Program focuses on our suppliers' commitment to sustainability and social responsibility in line with our Supplier Code of Conduct. Through an annual third-party supplier engagement service, we assess and monitor sustainability performance of key suppliers and continue to expand the program.*

### **Water**

#### **(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process**

Select from:

No, and we do not plan to introduce environmental requirements related to this environmental issue within the next two years

#### **(5.11.5.3) Comment**

Amgen contractually requires all suppliers to adhere to Amgen's Supplier Code of Conduct. This requirement is incorporated into our sourcing processes, contracts, and onboarding of suppliers. Amgen's Supplier Code of Conduct states that suppliers shall reduce their environmental footprint by minimizing their use of natural resources and the environmental impact of their activities. Suppliers are expected to comply with all applicable environmental regulations, laws, codes, and other governmental requirements and authorizations, as well as to obtain and follow all associated operational and reporting requirements of required environmental permits, licenses, registrations, and restrictions. Our Supplier Sustainability Program focuses on our suppliers' commitment to sustainability and social responsibility in line with our Supplier Code of Conduct. Through an annual third-party supplier engagement service, we assess and monitor sustainability performance of key suppliers and continue to expand the program.

[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.**

### **Climate change**

#### **(5.11.6.1) Environmental requirement**

Select from:

- Implementation of emissions reduction initiatives

#### **(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement**

Select all that apply

- Supplier scorecard or rating
- Supplier self-assessment

#### **(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement**

Select from:

- 100%

#### **(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement**

Select from:

- 100%

### (5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

100%

### (5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

100%

### (5.11.6.12) Comment

*All suppliers are required to adhere to our Supplier Code of Conduct, which includes reducing their environmental footprint by minimizing their use of natural resources and the environmental impact of their activities.*

## Climate change

### (5.11.6.1) Environmental requirement

Select from:

Setting a science-based emissions reduction target

### (5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

Supplier scorecard or rating

Supplier self-assessment

Other, please specify :First-party verification

### (5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

51-75%

#### **(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement**

Select from:

51-75%

#### **(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement**

Select from:

51-75%

#### **(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement**

Select from:

51-75%

#### **(5.11.6.9) Response to supplier non-compliance with this environmental requirement**

Select from:

Retain and engage

#### **(5.11.6.10) % of non-compliant suppliers engaged**

Select from:

Unknown

#### **(5.11.6.11) Procedures to engage non-compliant suppliers**

Select all that apply

Other, please specify :Continue supplier sustainability education and information collection engagement.

## (5.11.6.12) Comment

*We require that suppliers comply with all applicable environmental regulations, laws, codes, and other governmental requirements and authorizations. Suppliers must obtain and follow all associated operational and reporting requirements of required environmental permits, licenses, information registrations and restrictions. All suppliers are required to adhere to our Supplier Code of Conduct, which includes reducing their environmental footprint through minimizing their use of natural resources and the environmental impact of their activities. Amgen is a sponsor of three industry partnerships to support the decarbonization of our supply chain: (1) Energize, a program aimed at accelerating access to renewable electricity in the pharmaceutical supply chain; (2) Responsible Health Initiative, aimed at educating suppliers on carbon accounting and setting climate strategies; and (3) Converge, a program to decarbonize operations in the life sciences. Over 1200 pharmaceutical suppliers, collectively, have registered to engage in these programs.*

*[Add row]*

## (5.11.7) Provide further details of your organization's supplier engagement on environmental issues.

### Climate change

#### (5.11.7.2) Action driven by supplier engagement

Select from:

- Emissions reduction

#### (5.11.7.3) Type and details of engagement

Capacity building

- Provide training, support and best practices on how to make credible renewable energy usage claims
- Provide training, support and best practices on how to measure GHG emissions
- Provide training, support and best practices on how to mitigate environmental impact
- Provide training, support and best practices on how to set science-based targets

Information collection

- Other information collection activity, please specify :Collect climate change related environmental action information at least annually from suppliers via third party program

#### (5.11.7.4) Upstream value chain coverage

Select all that apply

Tier 1 suppliers

#### (5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

51-75%

#### (5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

51-75%

#### (5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

*As part of our 2027 environmental sustainability plan, in 2022, we established a Scope 3 supplier engagement target to engage with 73% of our suppliers by spend in key categories to support their adoption of science-based carbon emission reduction targets. As of the end of 2024, Amgen achieved our 73% supplier engagement target as a preliminary matter; we intend to maintain or exceed this level of supplier commitment in accordance with our SBTi target through 2027, as our suppliers may change. We participated as a founding member of Energize, a program that aims to accelerate the adoption of renewable energy and reduce GHG emissions among pharmaceutical suppliers. This first-of-its-kind industry program trains pharmaceutical suppliers on renewable energy adoption and increases access to renewable energy sourcing. This gives engaged suppliers – which may not otherwise have the internal resources or expertise available – the opportunity to participate in the market for power purchase agreements (PPAs). We also continue to participate in the Pharmaceutical Supply Chain Initiative (PSCI) to promote responsible supply chain management and better business conditions across the industry. Through our involvement with the Responsible Health Initiative, a life science-specific forum established by EcoVadis, we are working to strengthen the sector's approach to supply chain management with a specific focus on environmental and social sustainability.*

#### (5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

Yes, please specify the environmental requirement :Set science-based target

#### (5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

Unknown

## Water

### (5.11.7.2) Action driven by supplier engagement

Select from:

- No other supplier engagement

## Plastics

### (5.11.7.2) Action driven by supplier engagement

Select from:

- No other supplier engagement

[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:

- Customers

### (5.11.9.2) Type and details of engagement

Education/Information sharing

- Share information about your products and relevant certification schemes
- Share information on environmental initiatives, progress and achievements

### (5.11.9.3) % of stakeholder type engaged

Select from:

1-25%

#### (5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

Unknown

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

*In 2024, Amgen received requests from customers across the world relating to Amgen's environmental sustainability program. Amgen responded to these requests, providing information on our environmental sustainability initiatives, progress towards targets, and product level sustainability information.*

#### (5.11.9.6) Effect of engagement and measures of success

*This engagement has enabled Amgen to better understand our customers' informational needs and environmental sustainability concerns and is helping us continue to evolve our program to meet these needs. Our measure of success is the contribution of environmental sustainability information to tender success rate.*

## 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

Share information on environmental initiatives, progress and achievements

#### (5.11.9.3) % of stakeholder type engaged

Select from:

100%

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

*Amgen has ambitious environmental sustainability targets to achieve by 2027, including achieving carbon neutrality (1) and reducing water consumption by 40%. These targets are discussed in Amgen's 2024 Annual Letter to Shareholders. In addition, progress towards these targets is discussed in Amgen's annual Sustainability Highlights Report published on our website. (1) Carbon neutrality goal refers to Scope 1 and 2 emissions. Reductions in waste and water do not take into account changes associated with the contraction or expansion of the Company and are measured against a 2019 baseline.*

### (5.11.9.6) Effect of engagement and measures of success

*Integration of climate and water updates in Amgen's Annual Letter to Shareholders and in our Sustainability Highlights report.*

## 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

Share information on environmental initiatives, progress and achievements

### (5.11.9.3) % of stakeholder type engaged

Select from:

100%

### (5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

None

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

Amgen has ambitious environmental sustainability targets to achieve by 2027, including achieving carbon neutrality (1) and reducing water consumption by 40%. These targets are discussed in Amgen's 2024 Annual Letter to Shareholders. In addition, progress towards these targets is discussed in Amgen's annual Sustainability Highlights Report published on our website. (1) Carbon neutrality goal refers to Scope 1 and 2 emissions. Reductions in waste and water do not take into account changes associated with the contraction or expansion of the Company and are measured against a 2019 baseline.

#### (5.11.9.6) Effect of engagement and measures of success

Integration of climate and water updates in Amgen's Annual Letter to Shareholders and in our Sustainability Highlights report.  
[Add row]

### (5.12) Indicate any mutually beneficial environmental initiatives you could collaborate on with specific CDP Supply Chain members.

#### Row 1

#### (5.12.1) Requesting member

Select from:

Novartis

#### (5.12.2) Environmental issues the initiative relates to

Select all that apply

Climate change

#### (5.12.4) Initiative category and type

Promote collective action

Other collective action, please specify :Supplier Engagement

#### (5.12.5) Details of initiative

Amgen and Novartis both sponsor and are active participants in the same industry partnerships to decarbonize our supply chains, including the Energize program and the Pharmaceutical Supply Chain Initiative. Over 1200 pharmaceutical suppliers, collectively, have registered to engage in these programs.

### (5.12.6) Expected benefits

Select all that apply

- Reduction of downstream value chain emissions (own scope 3)

### (5.12.7) Estimated timeframe for realization of benefits

Select from:

- > 5 years

### (5.12.8) Are you able to estimate the lifetime CO2e and/or water savings of this initiative?

Select from:

- No

### (5.12.11) Please explain

Suppliers have not yet provided emission reductions attributable to engagement activities sponsored by Amgen.  
[Add row]

## (5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement?

### (5.13.1) Environmental initiatives implemented due to CDP Supply Chain member engagement

Select from:

- No, but we plan to within the next two years

### (5.13.2) Primary reason for not implementing environmental initiatives

Select from:

- No standardized procedure

### (5.13.3) Explain why your organization has not implemented any environmental initiatives

*Amgen and CDP Supply Chain members are already partnering on multiple initiatives, including BioPhorum, the Energize program and the Pharmaceutical Supply Chain Initiative.*

*[Fixed 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:

Operational control

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

*Amgen uses operational control as its data-reporting consolidation approach because it allows the company to account for the sustainability performance of the facilities over which it has the authority to introduce and implement operating policies, health and safety procedures, and environmental practices.*

### Water

#### (6.1.1) Consolidation approach used

Select from:

Operational control

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

*Amgen uses operational control as its data-reporting consolidation approach because it allows the company to account for the sustainability performance of the facilities over which it has the authority to introduce and implement operating policies, health and safety procedures, and environmental practices.*

### Plastics

#### (6.1.1) Consolidation approach used

Select from:

Operational control

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

*Amgen uses operational control as its data-reporting consolidation approach because it allows the company to account for the sustainability performance of the facilities over which it has the authority to introduce and implement operating policies, health and safety procedures, and environmental practices.*

## Biodiversity

### (6.1.1) Consolidation approach used

Select from:

Operational control

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

*Amgen uses operational control as its data-reporting consolidation approach because it allows the company to account for the sustainability performance of the facilities over which it has the authority to introduce and implement operating policies, health and safety procedures, and environmental practices.*

[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?

#### (7.1.1.1) Has there been a structural change?

Select all that apply

Yes, an acquisition

#### (7.1.1.2) Name of organization(s) acquired, divested from, or merged with

*Horizon Therapeutics plc, a leading provider of medicines to treat rare diseases*

#### (7.1.1.3) Details of structural change(s), including completion dates

*Horizon Therapeutics plc was acquired by Amgen in October 2023, and their emissions data has been included in Amgen values beginning in the 2024 reporting year.*

*[Fixed row]*

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

**(7.1.2.1) Change(s) in methodology, boundary, and/or reporting year definition?**

Select all that apply

- Yes, a change in methodology
- Yes, a change in boundary

**(7.1.2.2) Details of methodology, boundary, and/or reporting year definition change(s)**

An updated emission factor was used to calculate air conditioning usage associated with work-from-home emissions (Scope 3 Category 7). Calculations were also updated to include a more granular breakdown of AC use by region. Horizon Therapeutics plc was acquired by Amgen in October 2023, and their emissions data has been included in Amgen values beginning the 2024 reporting year, including locations in Waterford, (Ireland), Deerfield, Illinois (USA), Rockville, Maryland (USA), Chicago, Illinois (USA), San Francisco, California (USA), and Dublin (Ireland).

[Fixed row]

**(7.1.3) Have your organization’s base year emissions and past years’ emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?**

	Base year recalculation	Base year emissions recalculation policy, including significance threshold	Past years’ recalculation
	Select from: <input checked="" type="checkbox"/> No, because the impact does not meet our significance threshold	5%	Select from: <input checked="" type="checkbox"/> No

[Fixed row]

**(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

- IEA CO2 Emissions from Fuel Combustion

- The Greenhouse Gas Protocol: Scope 2 Guidance
- US EPA Emissions & Generation Resource Integrated Database (eGRID)
- The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard
- 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Mobile Combustion Sources
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Stationary Combustion Sources
- Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019
- Other, please specify :Global Fuel Economy Initiative (GFEI), Energy Information Administration 1605(b)

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

	Scope 2, location-based	Scope 2, market-based	Comment
	<i>Select from:</i> <input checked="" type="checkbox"/> We are reporting a Scope 2, location-based figure	<i>Select from:</i> <input checked="" type="checkbox"/> We are reporting a Scope 2, market-based figure	<i>We are reporting a location-based and market-based figure for CDP. Both location-based and market-based emissions are reported on Amgen.com.</i>

[Fixed row]

**(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**

12/31/2019

### **(7.5.2) Base year emissions (metric tons CO2e)**

135954

### **(7.5.3) Methodological details**

*Scope 1 emissions in the base year are composed of emissions from fuel combustion in on-site equipment, North American sales fleet vehicles, and from executive air travel. Scope 1 emissions from fugitive emissions, such as from refrigerant losses and purchased/generated carbon dioxide, were not included in the base year.*

## **Scope 2 (location-based)**

### **(7.5.1) Base year end**

12/31/2019

### **(7.5.2) Base year emissions (metric tons CO2e)**

173922

### **(7.5.3) Methodological details**

*Scope 2 location-based emissions in base year are calculated using the average emissions intensity of grids on which our energy (purchased electricity and steam) occurred.*

## **Scope 2 (market-based)**

### **(7.5.1) Base year end**

12/31/2019

### **(7.5.2) Base year emissions (metric tons CO2e)**

### **(7.5.3) Methodological details**

*Scope 2 carbon market-based emissions (MBE) are a result of Amgen's procurement decisions on sourcing of indirect energy.*

### **Scope 3 category 1: Purchased goods and services**

#### **(7.5.1) Base year end**

12/31/2019

#### **(7.5.2) Base year emissions (metric tons CO2e)**

2323917

#### **(7.5.3) Methodological details**

*We used our spend data to determine emissions related to purchased goods and services using the Greenhouse Gas Protocol: Quantis Scope 3 Evaluator.*

### **Scope 3 category 2: Capital goods**

#### **(7.5.1) Base year end**

12/31/2019

#### **(7.5.2) Base year emissions (metric tons CO2e)**

258132

#### **(7.5.3) Methodological details**

*We used our spend data to determine emissions related to capital goods using the Greenhouse Gas Protocol: Quantis Scope 3 Evaluator.*

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

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

52554

### (7.5.3) Methodological details

*Facility fuel, electricity, and steam consumption data are obtained from suppliers. Fleet fuel consumption is obtained from pump purchases. For some international fleets, fuel usage is estimated via extrapolation based on known information. We then apply DEFRA well-to-tank and transmission and distribution emission factors to fuel and energy usage to determine Scope 3 emissions from Fuel-and-energy-related activities.*

## Scope 3 category 4: Upstream transportation and distribution

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

22572

### (7.5.3) Methodological details

*We request supplier (transporter) specific information related to the transport of Amgen materials. Approximately 50% of emissions data reported was provided by our suppliers or value chain partners. The remaining 50% was calculated using activity data estimates.*

## Scope 3 category 5: Waste generated in operations

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

### (7.5.3) Methodological details

*Amgen uses data obtained from vendors on the amount of waste generated at Amgen to calculate carbon from waste generated in operations.*

### Scope 3 category 6: Business travel

#### (7.5.1) Base year end

12/31/2019

#### (7.5.2) Base year emissions (metric tons CO2e)

56478

### (7.5.3) Methodological details

*Emissions are calculated by Amgen's contracted travel management company using guidelines produced by DEFRA's GHG Conversion Factors. This method evaluates flights based on airport locations and calculates emissions based upon the actual distance flown. The following criteria are used to determine the factors used in the calculation: Total distance of a flight segment, based on origin and destination airports, and class of flights (e.g., economy, premium economy, business).*

### Scope 3 category 7: Employee commuting

#### (7.5.1) Base year end

12/31/2019

#### (7.5.2) Base year emissions (metric tons CO2e)

56210

### (7.5.3) Methodological details

*Carbon emissions from employee commuting are calculated using emissions factors from the Global Fuel Economy Initiative (GFEI) and multiplied by employee days worked and the distance driven (national daily averages).*

## Scope 3 category 8: Upstream leased assets

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

0

### (7.5.3) Methodological details

*A majority of emissions from upstream leased assets are included in our Scope 1 and Scope 2 data. Emissions from operation of upstream leased assets, not included in our Scope 1 and Scope 2 emissions, are determined to be < 0.1% of our total CO2e emissions and are considered insignificant.*

## Scope 3 category 9: Downstream transportation and distribution

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

52991

### (7.5.3) Methodological details

*We analyzed our product distribution and determined downstream transportation emissions by estimating in-country miles traveled, truck utilization and fuel efficiency and then applied U.S. EPA Center For Corporate Climate Leadership Emission Factors for Greenhouse Gas Inventories (9 March 2018) emission factors for fuel consumption. Emissions from the storage of products were determined based on information from Amgen-owned distribution centers and estimates of proportional emissions from storage of products in downstream distribution centers, pharmacies, hospitals, clinics, and nursing homes. In addition, we estimated the distance traveled by patients to and from pharmacies, hospitals and clinics based on units of product sold to determine emissions from patient travel.*

## Scope 3 category 10: Processing of sold products

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

0

### (7.5.3) Methodological details

*Amgen products are typically not sold as an intermediate product. Additional processing is not required for our sold products.*

## Scope 3 category 11: Use of sold products

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

0

### (7.5.3) Methodological details

*Emissions resulting from the use of our sold products are not a significant source of greenhouse gas emissions (<0.1%).*

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

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

3047

### (7.5.3) Methodological details

We retrieved the 2019 sales and delivery data for our operations globally, as well as the master packaging list, in order to estimate the total weight of our packaging material of our sold products. Packaging materials are conservatively assumed to be waste, with the exception of a percentage of reusable shipment containers and pallets. Waste material fates are then assumed to be distributed equally (50/50) between incineration (without energy recovery) and landfill. DEFRA emission factors were used to calculate carbon dioxide emissions per metric ton of waste.

### Scope 3 category 13: Downstream leased assets

#### (7.5.1) Base year end

12/31/2019

#### (7.5.2) Base year emissions (metric tons CO2e)

0

#### (7.5.3) Methodological details

Emissions from assets owned by Amgen and leased to another entity are < 0.1% of Amgen's total CO2e emissions.

### Scope 3 category 14: Franchises

#### (7.5.1) Base year end

12/31/2019

#### (7.5.2) Base year emissions (metric tons CO2e)

0

#### (7.5.3) Methodological details

Amgen does not operate Franchises.

### Scope 3 category 15: Investments

#### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

0

### (7.5.3) Methodological details

*Not relevant in reporting year 2019. In 2019, we did not have greenhouse gas emissions associated with investments. Note: In 2019, Amgen acquired an equity stake in BeiGene, Ltd. (now known as BeOne Medicines Ltd.). Scope 3 emissions related to this investment have been reported in subsequent years.*

### Scope 3: Other (upstream)

#### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

0

### (7.5.3) Methodological details

*Amgen did not have/report emissions in Scope 3: Other (upstream) in base year 2019.*

### Scope 3: Other (downstream)

#### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

0

### (7.5.3) Methodological details

Amgen did not have/report emissions in Scope 3: Other (downstream) in base year 2019.

[Fixed row]

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

### Reporting year

#### (7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

147353

#### (7.6.3) Methodological details

Scope 1 emissions capture stationary combustion (natural gas, propane, and diesel), mobile (fleet and executive travel), fugitive emissions (refrigerants), and process emissions (cellular respiration process). Scope 1 data is assured annually by a third-party partner.

### Past year 1

#### (7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

152710

#### (7.6.2) End date

12/31/2023

#### (7.6.3) Methodological details

Scope 1 emissions capture stationary combustion (natural gas, propane, and diesel), mobile (fleet and executive travel), fugitive emissions (refrigerants), and process emissions (cellular respiration process). Scope 1 data is assured annually by a third-party partner.

### Past year 2

#### (7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

130291

### (7.6.2) End date

12/31/2022

### (7.6.3) Methodological details

*Scope 1 emissions capture stationary combustion (natural gas, propane, and diesel), mobile (fleet and executive travel), fugitive emissions (refrigerants), and process emissions (cellular respiration process). Scope 1 data is assured annually by a third-party partner.*

### Past year 3

### (7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

133084

### (7.6.2) End date

12/31/2021

### (7.6.3) Methodological details

*Scope 1 emissions capture stationary combustion (natural gas, propane, and diesel), mobile (fleet and executive travel), fugitive emissions (refrigerants), and process emissions (cellular respiration process). Scope 1 data is assured annually by a third-party partner.*

### Past year 4

### (7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

138957

### (7.6.2) End date

12/31/2020

### (7.6.3) Methodological details

Scope 1 emissions capture stationary combustion (natural gas, propane, and diesel), mobile (fleet and executive travel), fugitive emissions (refrigerants), and process emissions (cellular respiration process). Scope 1 data is assured annually by a third-party partner.

### Past year 5

#### (7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

135954

#### (7.6.2) End date

12/31/2019

### (7.6.3) Methodological details

Scope 1 emissions capture stationary combustion (natural gas, propane, and diesel), mobile (fleet and executive travel), and process emissions (cellular respiration process). Scope 1 data is assured annually by a third-party partner.

[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)

127975

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

13894

### (7.7.4) Methodological details

*Scope 2 Location-Based emissions include purchased electricity, purchased steam, and fleet electrification energy consumption. Scope 2 Market-Based emissions are calculated accounting for the application of purchased renewable energy certificates (RECs), power purchase agreements (PPAs), and supplier-specific emission factors from specific utility providers, as available.*

## **Past year 1**

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

117962

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

11673

### **(7.7.3) End date**

12/31/2023

### **(7.7.4) Methodological details**

*Scope 2 Location-Based emissions include purchased electricity, purchased steam, and fleet electrification energy consumption. Scope 2 Market-Based emissions are calculated accounting for the application of purchased renewable energy certificates (RECs), power purchase agreements (PPAs), and supplier-specific emission factors from specific utility providers, as available.*

## **Past year 2**

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

153212

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

35117

### **(7.7.3) End date**

12/31/2022

#### **(7.7.4) Methodological details**

*Scope 2 Location-Based emissions include purchased electricity, purchased steam, and fleet electrification energy consumption. Scope 2 Market-Based emissions are calculated accounting for the application of purchased renewable energy certificates (RECs), power purchase agreements (PPAs), and supplier-specific emission factors from specific utility providers, as available.*

#### **Past year 3**

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

155549

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

58137

#### **(7.7.3) End date**

12/31/2021

#### **(7.7.4) Methodological details**

*Scope 2 Location-Based emissions include purchased electricity, purchased steam, and fleet electrification energy consumption. Scope 2 Market-Based emissions are calculated accounting for the application of purchased renewable energy certificates (RECs), power purchase agreements (PPAs), and supplier-specific emission factors from specific utility providers, as available.*

#### **Past year 4**

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

138529

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

**(7.7.3) End date**

12/31/2020

**(7.7.4) Methodological details**

*Scope 2 Location-Based emissions include purchased electricity, purchased steam, and fleet electrification energy consumption. Scope 2 Market-Based emissions are calculated accounting for the application of purchased renewable energy certificates (RECs), power purchase agreements (PPAs), and supplier-specific emission factors from specific utility providers, as available.*

**Past year 5****(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)**

173922

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

160360

**(7.7.3) End date**

12/31/2019

**(7.7.4) Methodological details**

*Scope 2 Location-Based emissions include purchased electricity, purchased steam, and fleet electrification energy consumption. Scope 2 Market-Based emissions are calculated accounting for the application of purchased renewable energy certificates (RECs), power purchase agreements (PPAs), and supplier-specific emission factors from specific utility providers, as available.*

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

## Purchased goods and services

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

945759

### (7.8.3) Emissions calculation methodology

Select all that apply

Spend-based method

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

0

### (7.8.5) Please explain

*We used the spend-based method to estimate carbon emissions related to our purchased goods and services. The U.S. EPA Environmentally-Extended Input-Output model is used to estimate carbon emissions from selected spend categories that are not already incorporated in other categories, such as waste generated in operations, transportation and distribution, business travel, and employee commuting. If a supplier provides a product carbon footprint, then this information is used.*

## Capital goods

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

**(7.8.3) Emissions calculation methodology**

Select all that apply

Spend-based method

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

0

**(7.8.5) Please explain**

*We used the spend-based method to estimate carbon emissions related to our capital goods. The U.S. EPA Environmentally-Extended Input-Output model is used to estimate carbon emissions. Capital spend was allocated by our sourcing and finance teams to assess capital goods emissions.*

**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 CO<sub>2</sub>e)**

75527

**(7.8.3) Emissions calculation methodology**

Select all that apply

Supplier-specific method

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

50

### (7.8.5) Please explain

*Fuel, electricity, and steam consumption are obtained from suppliers for our facilities (Scopes 1 and 2). If a site is leased and not maintained by facility engineers, we use a square-footage model based on real estate and occupancy data and then estimate carbon based on the U.S. Energy Information Administration. We then apply DEFRA well-to-tank and transmission and distribution emission factors to fuel and energy usage to estimate Scope 3 carbon emissions. Additional carbon emissions from fuel consumption of fleet (passenger vehicles and executive air travel) are also evaluated using DEFRA well-to-tank emission factors. Lastly, transmission and distribution losses from charging battery electric vehicles used to reduce Scope 1 carbon emissions at Amgen are included. These Scope 3 carbon emissions are not accounted for in Scopes 1 and 2.*

## Upstream transportation and distribution

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

92074

### (7.8.3) Emissions calculation methodology

Select all that apply

Supplier-specific method

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

100

### (7.8.5) Please explain

*Supplier reports are collected pertaining to the transportation and distribution of Amgen's inbound or outbound materials or products via air freight, ocean vessel, and road transport. We included our top 15 logistics providers by volume to estimate carbon emissions globally.*

## Waste generated in operations

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

5852

### (7.8.3) Emissions calculation methodology

Select all that apply

Supplier-specific method

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

100

### (7.8.5) Please explain

*Amgen used data obtained from vendors on the amount of waste generated at facilities and DEFRA waste disposal emission factors to calculate carbon from waste generated in operations.*

## Business travel

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

93089

### (7.8.3) Emissions calculation methodology

Select all that apply

- Supplier-specific method
- Spend-based method
- Average spend-based method

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

90

#### (7.8.5) Please explain

*Amgen's contracted travel management company uses DEFRA's GHG Conversion Factors to estimate carbon emissions from air and rail travel in their carbon reports. Carbon emissions from air travel are evaluated by total distance of a flight segment, which is based on origin and destination airports and class of flights (economy, premium economy, business, and first). Our rental car agencies provide total vehicle miles traveled, and the IEA global average emission factor for passenger vehicles is used to estimate carbon emissions. Carbon emissions from overnight trips are based on reimbursement data, which includes the number of nights stayed and location of the hotel. The DEFRA GHG Conversion Factors for Hotel Stays by country and room per night are used. Reimbursement data for business mileage from employees using personal vehicles are assessed, and carbon emissions calculated using emission factors from the Global Fuel Economy Initiative (GFEI). Lastly, carbon emissions from taxi reimbursements and personal vehicle usage for business trips are assessed.*

### Employee commuting

#### (7.8.1) Evaluation status

Select from:

- Relevant, calculated

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

43341

#### (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

10

### (7.8.5) Please explain

*Carbon emissions from employee commuting are estimated using EPA emission factors multiplied by employee days worked and distance traveled. The estimate accounts for C40 alternative commute statistics by country. The total number of staff commuting is based on daily average headcount from badge data reports globally. The distance traveled is based on individual country government data around the world. Lastly, carbon emissions are also estimated from staff working remotely, which includes carbon emissions from office equipment, heating, and cooling.*

## Upstream leased assets

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*Not applicable. Carbon emissions from leased assets (commercial offices) are incorporated in Scopes 1 and 2.*

## Downstream transportation and distribution

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO<sub>2</sub>e)

213147

### (7.8.3) Emissions calculation methodology

Select all that apply

Supplier-specific method

Average data method

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

30

#### (7.8.5) Please explain

*We analyzed our product distribution using global sales order and delivery data, mode of transportation, information on storage required for our products upstream in Amgen-owned distribution centers, and number of patients exposed to Amgen's sold products.*

### Processing of sold products

#### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

#### (7.8.5) Please explain

*Not applicable. Amgen products are typically not sold as an intermediate product. Additional processing is not required for our sold products.*

### Use of sold products

#### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

#### (7.8.5) Please explain

*Not applicable. GHG emissions are not emitted during the use of Amgen's drug products.*

### End of life treatment of sold products

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

996

### (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

### (7.8.5) Please explain

*Global packaging data for sales orders and site transfers is used to estimate the additional packaging waste that will be disposed downstream and associated carbon emissions. This data covers large shipments, but Amgen also ships samples for clinical trials. We use gross the weight of packages to estimate total waste generated downstream at the end of life at hospitals, clinics, pharmacies, retailers, warehouses, distributors, nursing homes, etc.*

## Downstream leased assets

### (7.8.1) Evaluation status

Select from:

Not relevant, calculated

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

0

### (7.8.3) Emissions calculation methodology

Select all that apply

Other, please specify :Not relevant. Emissions from assets owned by Amgen and leased to another entity are <0.1% of Amgen's total carbon emissions.

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

0

### (7.8.5) Please explain

*Not relevant. Emissions from assets owned by Amgen and leased to another entity are < 0.1% of Amgen's total carbon emissions.*

## Franchises

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*Franchises are not relevant for operational reporting.*

## Investments

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

14000

### (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

### (7.8.5) Please explain

*As of December 31, 2024, our ownership interest in BeOne Medicines, Ltd. (formerly BeiGene, Ltd.) was approximately 17.75%. Our Scope 3 emissions associated with our equity share were calculated based on BeOne's reported Scope 1 and Scope 2 emissions from their 2023 ESG report. Additionally, our ownership interest in Neumora Therapeutics as of December 31, 2024, was 21.9%. However, no Neumora ESG reports are available to estimate carbon emissions.*

### Other (upstream)

### (7.8.1) Evaluation status

Select from:

Not evaluated

### (7.8.5) Please explain

*Not applicable*

### Other (downstream)

### (7.8.1) Evaluation status

Select from:

Not evaluated

### (7.8.5) Please explain

Not applicable  
[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

**(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)**

632809

**(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)**

203107

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

65464

**(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)**

65622

**(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)**

2209

**(7.8.1.7) Scope 3: Business travel (metric tons CO2e)**

53201

**(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)**

35500

**(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)**

315993

**(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)**

856

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

10421

**(7.8.1.19) Comment**

*No change*

**Past year 2**

**(7.8.1.1) End date**

12/31/2022

**(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)**

1760140

**(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)**

909175

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

76584

**(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)**

54548

**(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)**

2368

**(7.8.1.7) Scope 3: Business travel (metric tons CO2e)**

31328

**(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)**

33623

**(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)**

317171

**(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)**

794

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

10000

**(7.8.1.19) Comment**

*No change*

**Past year 3**

**(7.8.1.1) End date**

12/31/2021

**(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)**

2570263

**(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)**

348135

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

44161

**(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)**

58576

**(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)**

6339

**(7.8.1.7) Scope 3: Business travel (metric tons CO2e)**

4153

**(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)**

32843

**(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)**

446206

**(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)**

2136

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

7013

**(7.8.1.19) Comment**

*No change*

**Past year 4**

**(7.8.1.1) End date**

12/31/2020

**(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)**

2316146

**(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)**

210000

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

44784

**(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)**

21011

**(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)**

7559

**(7.8.1.7) Scope 3: Business travel (metric tons CO2e)**

13004

**(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)**

14168

**(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)**

134276

**(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)**

208

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

1850

**(7.8.1.19) Comment**

*No change*

**Past year 5**

**(7.8.1.1) End date**

12/31/2019

**(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)**

2323917

**(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)**

258132

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

52554

**(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)**

22572

**(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)**

3454

**(7.8.1.7) Scope 3: Business travel (metric tons CO2e)**

56478

**(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)**

56210

**(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)**

52991

**(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)**

3047

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

0

## (7.8.1.19) Comment

No change  
[Fixed row]

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

	Verification/assurance status
Scope 1	Select from: <input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	Select from: <input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 3	Select from: <input checked="" type="checkbox"/> Third-party verification or assurance process in place

[Fixed row]

### (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:

Reasonable assurance

### (7.9.1.4) Attach the statement

*amgen-env-data-assurance-statement-2024.pdf*

### (7.9.1.5) Page/section reference

4

### (7.9.1.6) Relevant standard

Select from:

ISO14064-3

### (7.9.1.7) Proportion of reported emissions verified (%)

100

[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 location-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:

Reasonable assurance

### (7.9.2.5) Attach the statement

*amgen-env-data-assurance-statement-2024.pdf*

### (7.9.2.6) Page/ section reference

4

### (7.9.2.7) Relevant standard

Select from:

ISO14064-3

### (7.9.2.8) Proportion of reported emissions verified (%)

100

**Row 2**

### (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:

- Reasonable assurance

### (7.9.2.5) Attach the statement

*amgen-env-data-assurance-statement-2024.pdf*

### (7.9.2.6) Page/ section reference

4

### (7.9.2.7) Relevant standard

Select from:

- ISO14064-3

### (7.9.2.8) Proportion of reported emissions verified (%)

### (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: Investments
- Scope 3: Capital goods
- Scope 3: Business travel
- Scope 3: Employee commuting
- Scope 3: Purchased goods and services
- Scope 3: Waste generated in operations
- Scope 3: End-of-life treatment of sold products
- Scope 3: Upstream transportation and distribution
- Scope 3: Downstream transportation and distribution
- 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

### (7.9.3.6) Page/section reference

4

### (7.9.3.7) Relevant standard

Select from:

ISO14064-3

### (7.9.3.8) Proportion of reported emissions verified (%)

100

[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?

Select from:

Decreased

### (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 renewable energy consumption

### (7.10.1.1) Change in emissions (metric tons CO<sub>2</sub>e)

24

### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

0.01

### (7.10.1.4) Please explain calculation

*Carbon savings associated with renewable energy generated and purchased as a percentage of emissions at the end of 2023. Excludes energy attribute certificates.*

## Other emissions reduction activities

### (7.10.1.1) Change in emissions (metric tons CO2e)

37455

### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

23

### (7.10.1.4) Please explain calculation

*Emission-reduction projects carbon savings as a percentage of end of 2023 emissions. Excludes energy attribute certificates.*

## Divestment

### (7.10.1.1) Change in emissions (metric tons CO2e)

147

### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

0.1

### (7.10.1.4) Please explain calculation

*Divestment took place in 2023. Carbon savings associated with divestment as a percentage of emissions at the end of 2023.*

## Acquisitions

### (7.10.1.1) Change in emissions (metric tons CO2e)

1985

### (7.10.1.2) Direction of change in emissions

Select from:

Increased

### (7.10.1.3) Emissions value (percentage)

1

### (7.10.1.4) Please explain calculation

*Acquisition of Horizon Therapeutics plc took place in October 2023. Carbon emissions associated with acquired Horizon Therapeutics plc sites as a percentage of emissions at the end of 2023.*

## Mergers

### (7.10.1.1) Change in emissions (metric tons CO2e)

0

### (7.10.1.2) Direction of change in emissions

Select from:

No change

### (7.10.1.3) Emissions value (percentage)

0

### (7.10.1.4) Please explain calculation

*No mergers took place that would be expected to result in a change in emissions. See Acquisitions response.*

## Change in output

### (7.10.1.1) Change in emissions (metric tons CO2e)

0

### (7.10.1.2) Direction of change in emissions

Select from:

No change

### (7.10.1.3) Emissions value (percentage)

0

### (7.10.1.4) Please explain calculation

*No change in Scope 1 and Scope 2 MBE combined carbon emissions*

## Change in methodology

### (7.10.1.1) Change in emissions (metric tons CO<sub>2</sub>e)

0

### (7.10.1.2) Direction of change in emissions

Select from:

No change

### (7.10.1.3) Emissions value (percentage)

0

### (7.10.1.4) Please explain calculation

*No change in Scope 1 and 2 carbon accounting methodology.*

## Change in boundary

### (7.10.1.1) Change in emissions (metric tons CO<sub>2</sub>e)

0

### (7.10.1.2) Direction of change in emissions

Select from:

No change

### (7.10.1.3) Emissions value (percentage)

0

### (7.10.1.4) Please explain calculation

No change in boundary selection. Amgen follows the GHG protocol.

## Change in physical operating conditions

### (7.10.1.1) Change in emissions (metric tons CO2e)

145

### (7.10.1.2) Direction of change in emissions

Select from:

Increased

### (7.10.1.3) Emissions value (percentage)

0.1

### (7.10.1.4) Please explain calculation

Carbon emissions associated with our new facility in Ohio as a percentage of emissions at the end of 2023. Our new facility in North Carolina was under construction in 2024.

## Unidentified

### (7.10.1.1) Change in emissions (metric tons CO2e)

0

### (7.10.1.2) Direction of change in emissions

Select from:

No change

### (7.10.1.3) Emissions value (percentage)

0

#### (7.10.1.4) Please explain calculation

*Not applicable*

#### Other

#### (7.10.1.1) Change in emissions (metric tons CO2e)

6014

#### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

#### (7.10.1.3) Emissions value (percentage)

4

#### (7.10.1.4) Please explain calculation

*"Other" categories: Sum of EV Battery charge, Fugitive Emissions, Diesel Consumption, Natural Gas Consumption, Fleet passenger vehicle use, and Executive Air Travel*

*[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:

Market-based

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

Select from:

No

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

Select from:

Yes

(7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

#### Row 1

##### (7.15.1.1) Greenhouse gas

Select from:

CO2

##### (7.15.1.2) Scope 1 emissions (metric tons of CO2e)

140167

##### (7.15.1.3) GWP Reference

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

#### Row 2

##### (7.15.1.1) Greenhouse gas

Select from:

CH4

##### (7.15.1.2) Scope 1 emissions (metric tons of CO2e)

**(7.15.1.3) GWP Reference**

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

**Row 3****(7.15.1.1) Greenhouse gas**

Select from:

N2O

**(7.15.1.2) Scope 1 emissions (metric tons of CO2e)**

259

**(7.15.1.3) GWP Reference**

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

**Row 4****(7.15.1.1) Greenhouse gas**

Select from:

HFCs

**(7.15.1.2) Scope 1 emissions (metric tons of CO2e)**

6798

**(7.15.1.3) GWP Reference**

Select from:

IPCC Sixth Assessment Report (AR6 - 100 year)

[Add row]

## **(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.**

### **Argentina**

#### **(7.16.1) Scope 1 emissions (metric tons CO2e)**

117

#### **(7.16.2) Scope 2, location-based (metric tons CO2e)**

102

#### **(7.16.3) Scope 2, market-based (metric tons CO2e)**

102

### **Australia**

#### **(7.16.1) Scope 1 emissions (metric tons CO2e)**

278

#### **(7.16.2) Scope 2, location-based (metric tons CO2e)**

83

#### **(7.16.3) Scope 2, market-based (metric tons CO2e)**

30

### **Austria**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

142

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

17

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

17

**Belgium**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

49

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

35

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

17

**Brazil**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

562

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

70

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

70

**Bulgaria**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

49

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

28

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

25

**Canada**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

1287

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

62

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

40

**China**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

477

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

477

**Colombia**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

314

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

24

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

24

**Croatia**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

27

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

4

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

11

## Czechia

(7.16.1) Scope 1 emissions (metric tons CO2e)

80

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

## Denmark

(7.16.1) Scope 1 emissions (metric tons CO2e)

152

(7.16.2) Scope 2, location-based (metric tons CO2e)

125

(7.16.3) Scope 2, market-based (metric tons CO2e)

283

## Egypt

(7.16.1) Scope 1 emissions (metric tons CO2e)

104

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

35

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

35

**Finland**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

154

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

6

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

2

**France**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

950

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

22

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

1

## Germany

### (7.16.1) Scope 1 emissions (metric tons CO2e)

1489

### (7.16.2) Scope 2, location-based (metric tons CO2e)

1240

### (7.16.3) Scope 2, market-based (metric tons CO2e)

2425

## Greece

### (7.16.1) Scope 1 emissions (metric tons CO2e)

250

### (7.16.2) Scope 2, location-based (metric tons CO2e)

74

### (7.16.3) Scope 2, market-based (metric tons CO2e)

107

## Hungary

### (7.16.1) Scope 1 emissions (metric tons CO2e)

131

### (7.16.2) Scope 2, location-based (metric tons CO2e)

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

0

**Iceland**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

0

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

1

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

0

**India**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

0

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

1

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

1

**Ireland**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

7129

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

8939

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

604

**Italy**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

1170

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

106

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

170

**Japan**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

645

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

233

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

233

**Lithuania**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

51

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

0

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

0

**Malaysia**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

1

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

10

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

10

**Mexico**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

427

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

73

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

73

## **Morocco**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

1

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

6

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

6

## **Netherlands**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

534

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

1727

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

**Norway**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

0

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

0

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

0

**Poland**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

326

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

111

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

138

**Portugal**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

84

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

35

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

120

**Puerto Rico**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

61532

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

49192

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

0

**Republic of Korea**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

42

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

177

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

177

## Romania

### (7.16.1) Scope 1 emissions (metric tons CO2e)

106

### (7.16.2) Scope 2, location-based (metric tons CO2e)

17

### (7.16.3) Scope 2, market-based (metric tons CO2e)

13

## Russian Federation

### (7.16.1) Scope 1 emissions (metric tons CO2e)

104

### (7.16.2) Scope 2, location-based (metric tons CO2e)

5

### (7.16.3) Scope 2, market-based (metric tons CO2e)

5

## Saudi Arabia

### (7.16.1) Scope 1 emissions (metric tons CO2e)

360

### (7.16.2) Scope 2, location-based (metric tons CO2e)

49

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

49

**Singapore**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

1856

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

5726

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

5726

**Slovakia**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

157

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

9

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

26

**Slovenia**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

51

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

12

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

29

**Spain**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

668

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

34

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

5

**Sweden**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

53

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

2

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

0

**Switzerland**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

224

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

10

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

0

**Taiwan, China**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

325

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

142

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

142

**Thailand**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

6

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

46

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

46

## **Turkey**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

1024

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

27

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

27

## **United Arab Emirates**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

5

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

27

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

**United Kingdom of Great Britain and Northern Ireland****(7.16.1) Scope 1 emissions (metric tons CO2e)**

236

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

148

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

59

**United States of America****(7.16.1) Scope 1 emissions (metric tons CO2e)**

59861

**(7.16.2) Scope 2, location-based (metric tons CO2e)**

58690

**(7.16.3) Scope 2, market-based (metric tons CO2e)**

2523

*[Fixed row]***(7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.***Select all that apply* By facility

By activity

**(7.17.2) Break down your total gross global Scope 1 emissions by business facility.**

**Row 1**

**(7.17.2.1) Facility**

*Thousand Oaks, California*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

21869

**(7.17.2.3) Latitude**

34.191608

**(7.17.2.4) Longitude**

-118.920062

**Row 2**

**(7.17.2.1) Facility**

*Sales Fleet - International (excludes U.S.)*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

10914

**(7.17.2.3) Latitude**

0

**(7.17.2.4) Longitude**

0

**Row 3**

**(7.17.2.1) Facility**

*Cambridge, United Kingdom*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

7

**(7.17.2.3) Latitude**

52.235541

**(7.17.2.4) Longitude**

0.142873

**Row 4**

**(7.17.2.1) Facility**

*San Francisco, California*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

780

**(7.17.2.3) Latitude**

37.663442

**(7.17.2.4) Longitude**

-122.392067

**Row 5**

**(7.17.2.1) Facility**

*International air space*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

4180

**(7.17.2.3) Latitude**

0

**(7.17.2.4) Longitude**

0

**Row 6**

**(7.17.2.1) Facility**

*Dun Laoghaire, Ireland*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

6215

**(7.17.2.3) Latitude**

53.271119

**(7.17.2.4) Longitude**

-6.149951

**Row 7**

**(7.17.2.1) Facility**

*Cambridge, Massachusetts*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

198

**(7.17.2.3) Latitude**

42.366826

**(7.17.2.4) Longitude**

-71.089727

**Row 8**

**(7.17.2.1) Facility**

*Breda, Netherlands*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

457

**(7.17.2.3) Latitude**

51.588607

**(7.17.2.4) Longitude**

4.827929

**Row 9**

**(7.17.2.1) Facility**

*Burnaby, British Columbia*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

815

**(7.17.2.3) Latitude**

49.255059

**(7.17.2.4) Longitude**

-122.931961

**Row 10**

**(7.17.2.1) Facility**

*Sales Fleet - U.S. Only*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

15707

**(7.17.2.3) Latitude**

0

**(7.17.2.4) Longitude**

0

**Row 11**

**(7.17.2.1) Facility**

*Singapore, Singapore*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

1849

**(7.17.2.3) Latitude**

1.285921

**(7.17.2.4) Longitude**

103.626587

**Row 12**

**(7.17.2.1) Facility**

*Global Administrative Spaces*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

1275

**(7.17.2.3) Latitude**

0

**(7.17.2.4) Longitude**

0

**Row 14**

**(7.17.2.1) Facility**

*Louisville, Kentucky*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

1600

**(7.17.2.3) Latitude**

38.20956

**(7.17.2.4) Longitude**

-85.533516

**Row 15**

**(7.17.2.1) Facility**

*West Greenwich, Rhode Island*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

19041

**(7.17.2.3) Latitude**

41.657301

**(7.17.2.4) Longitude**

-71.569281

**Row 16**

**(7.17.2.1) Facility**

*Juncos, Puerto Rico*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

61532

**(7.17.2.3) Latitude**

18.23702

**(7.17.2.4) Longitude**

-65.905113

**Row 17**

**(7.17.2.1) Facility**

*Deerfield, Illinois*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

109

**(7.17.2.3) Latitude**

42.15482

**(7.17.2.4) Longitude**

-87.87837

**Row 18**

**(7.17.2.1) Facility**

*Rockville, Maryland*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

18

**(7.17.2.3) Latitude**

39.103434

**(7.17.2.4) Longitude**

-77.199082

**Row 19**

**(7.17.2.1) Facility**

*New Albany, Ohio*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

145

**(7.17.2.3) Latitude**

40.075856

#### (7.17.2.4) Longitude

-82.763302

#### Row 20

#### (7.17.2.1) Facility

*Waterford, Ireland*

#### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

641

#### (7.17.2.3) Latitude

54.2421

#### (7.17.2.4) Longitude

-7.1755  
*[Add row]*

#### (7.17.3) Break down your total gross global Scope 1 emissions by business activity.

#### Row 1

#### (7.17.3.1) Activity

*Cell respiration*

#### (7.17.3.2) Scope 1 emissions (metric tons CO2e)

700

## Row 2

### (7.17.3.1) Activity

*Natural gas used in boilers and furnaces*

### (7.17.3.2) Scope 1 emissions (metric tons CO2e)

47464

## Row 3

### (7.17.3.1) Activity

*Diesel used in cogeneration turbine, boilers, generators*

### (7.17.3.2) Scope 1 emissions (metric tons CO2e)

61386

## Row 4

### (7.17.3.1) Activity

*Fugitive (refrigerant loss)*

### (7.17.3.2) Scope 1 emissions (metric tons CO2e)

6798

## Row 5

### (7.17.3.1) Activity

*Jet fuel used for executive travel*

**(7.17.3.2) Scope 1 emissions (metric tons CO2e)**

4180

**Row 6**

**(7.17.3.1) Activity**

*Alternative fuels used by Sales Fleet vehicles (e.g., ethanol)*

**(7.17.3.2) Scope 1 emissions (metric tons CO2e)**

937

**Row 7**

**(7.17.3.1) Activity**

*Propane used in boilers*

**(7.17.3.2) Scope 1 emissions (metric tons CO2e)**

203

**Row 8**

**(7.17.3.1) Activity**

*Gasoline used by Sales Fleet vehicles*

**(7.17.3.2) Scope 1 emissions (metric tons CO2e)**

19501

**Row 9**

### (7.17.3.1) Activity

*Diesel used by Sales Fleet vehicles*

### (7.17.3.2) Scope 1 emissions (metric tons CO2e)

6183

[Add row]

## (7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

*Select all that apply*

By facility

By activity

## (7.20.2) Break down your total gross global Scope 2 emissions by business facility.

### Row 1

#### (7.20.2.1) Facility

*Thousand Oaks, California*

#### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

22480

#### (7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

### Row 2

#### (7.20.2.1) Facility

Singapore, Singapore

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

5689

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

5689

**Row 3**

**(7.20.2.1) Facility**

*San Francisco, California*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

1551

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 4**

**(7.20.2.1) Facility**

*Burnaby, British Columbia*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

22

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

## Row 5

### (7.20.2.1) Facility

*Louisville, Kentucky*

### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

2316

### (7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

## Row 6

### (7.20.2.1) Facility

*Breda, Netherlands*

### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

1705

### (7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

## Row 7

### (7.20.2.1) Facility

*Juncos, Puerto Rico*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

49192

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 8**

**(7.20.2.1) Facility**

*West Greenwich, Rhode Island*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

13725

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 9**

**(7.20.2.1) Facility**

*Global Leased Sites (Admin)*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

5492

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

7159

## Row 10

### (7.20.2.1) Facility

*Cambridge, United Kingdom*

### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

117

### (7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

## Row 11

### (7.20.2.1) Facility

*Cambridge, Massachusetts*

### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

3804

### (7.20.2.3) Scope 2, market-based (metric tons CO2e)

424

## Row 13

### (7.20.2.1) Facility

*Dun Laoghaire, Ireland*

### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

7767

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 14**

**(7.20.2.1) Facility**

*Electricity for Sales Fleet Charging US*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

354

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

354

**Row 15**

**(7.20.2.1) Facility**

*Electricity for Sales Fleet Charging International*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

269

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

269

**Row 16**

**(7.20.2.1) Facility**

*Deerfield, Illinois*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

3678

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 17**

**(7.20.2.1) Facility**

*Rockville, Maryland*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

141

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 18**

**(7.20.2.1) Facility**

*New Albany, Ohio*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

8896

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 19**

**(7.20.2.1) Facility**

Waterford, Ireland

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

778

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

[Add row]

**(7.20.3) Break down your total gross global Scope 2 emissions by business activity.**

	Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	<i>Electricity used for lighting and power at facilities and sites</i>	126927	12848
Row 2	<i>Purchased steam used for heating and cooling</i>	426	424
Row 3	<i>Electricity used for Electric Vehicle Programs</i>	623	623

[Add 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.**

**Consolidated accounting group**

**(7.22.1) Scope 1 emissions (metric tons CO2e)**

147353

**(7.22.2) Scope 2, location-based emissions (metric tons CO2e)**

127975

**(7.22.3) Scope 2, market-based emissions (metric tons CO2e)**

13894

**(7.22.4) Please explain**

*The consolidated accounting group represents the organization's emissions.*

**All other entities**

**(7.22.1) Scope 1 emissions (metric tons CO2e)**

0

**(7.22.2) Scope 2, location-based emissions (metric tons CO2e)**

0

**(7.22.3) Scope 2, market-based emissions (metric tons CO2e)**

0

#### (7.22.4) Please explain

N/A

[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

**(7.27) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?**

Row 1

#### (7.27.1) Allocation challenges

Select from:

Diversity of product lines makes accurately accounting for each product/product line cost ineffective

#### (7.27.2) Please explain what would help you overcome these challenges

*Amgen is building its capability to estimate emissions at the product level. It may also be beneficial to have a universal, streamlined, publicly available methodology for the biopharmaceutical sector for estimating emissions at a product level that is endorsed by regulators.*

[Add row]

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

	Do you plan to develop your capabilities to allocate emissions to your customers in the future?	Describe how you plan to develop your capabilities
	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>We plan to invest in new Life Cycle Assessment capabilities which could allow our team to examine emissions at the product level.</i>

[Fixed row]

**(7.29) What percentage of your total operational spend in the reporting year was on energy?**

*Select from:*

More than 0% but less than or equal to 5%

**(7.30) Select which energy-related activities your organization has undertaken.**

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	<i>Select from:</i> <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired electricity	<i>Select from:</i> <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired heat	<i>Select from:</i> <input checked="" type="checkbox"/> No
Consumption of purchased or acquired steam	<i>Select from:</i> <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired cooling	<i>Select from:</i>

	Indicate whether your organization undertook this energy-related activity in the reporting year
	<input checked="" type="checkbox"/> No
Generation of electricity, heat, steam, or cooling	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

### (7.30.1) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

#### Consumption of fuel (excluding feedstock)

##### (7.30.1.1) Heating value

Select from:

HHV (higher heating value)

##### (7.30.1.2) MWh from renewable sources

0

##### (7.30.1.3) MWh from non-renewable sources

634456

##### (7.30.1.4) Total (renewable + non-renewable) MWh

634456.00

#### Consumption of purchased or acquired electricity

**(7.30.1.2) MWh from renewable sources**

343697

**(7.30.1.3) MWh from non-renewable sources**

34247

**(7.30.1.4) Total (renewable + non-renewable) MWh**

377944.00

**Consumption of purchased or acquired steam**

**(7.30.1.2) MWh from renewable sources**

0

**(7.30.1.3) MWh from non-renewable sources**

21740

**(7.30.1.4) Total (renewable + non-renewable) MWh**

21740.00

**Consumption of self-generated non-fuel renewable energy**

**(7.30.1.2) MWh from renewable sources**

1232

**(7.30.1.4) Total (renewable + non-renewable) MWh**

1232.00

## Total energy consumption

### (7.30.1.2) MWh from renewable sources

344929

### (7.30.1.3) MWh from non-renewable sources

690443

### (7.30.1.4) Total (renewable + non-renewable) MWh

1035372.00

[Fixed row]

## (7.30.6) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of heat	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of steam	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of cooling	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for co-generation or tri-generation	Select from:

	Indicate whether your organization undertakes this fuel application
	<input checked="" type="checkbox"/> Yes

[Fixed row]

**(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.**

**Sustainable biomass**

**(7.30.7.1) Heating value**

Select from:

Unable to confirm heating value

**(7.30.7.2) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

0

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*Not applicable*

**Other biomass**

**(7.30.7.1) Heating value**

*Select from:*

Unable to confirm heating value

**(7.30.7.2) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

0

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*Not applicable*

**Other renewable fuels (e.g. renewable hydrogen)**

**(7.30.7.1) Heating value**

Select from:

Unable to confirm heating value

**(7.30.7.2) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

0

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

### **(7.30.7.8) Comment**

*Not applicable*

## **Coal**

### **(7.30.7.1) Heating value**

*Select from:*

Unable to confirm heating value

### **(7.30.7.2) Total fuel MWh consumed by the organization**

0

### **(7.30.7.3) MWh fuel consumed for self-generation of electricity**

0

### **(7.30.7.4) MWh fuel consumed for self-generation of heat**

0

### **(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

### **(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

### **(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*Not applicable*

**Oil**

**(7.30.7.1) Heating value**

*Select from:*

HHV

**(7.30.7.2) Total fuel MWh consumed by the organization**

269992

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

1851

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

27672

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

240469

**(7.30.7.8) Comment**

Amgen has three types of fuel oil consumption. The largest amount of fuel oil is used in Amgen's co-generation plant at its manufacturing facility in Juncos, Puerto Rico and includes fuel consumed for the generation of steam and electricity. Amgen's backup generators also rely on fuel oil, which we report as 'self-generation of electricity.' Finally, energy from the consumption of diesel fuel in our sales fleet (i.e., transportation) is reported as 'self-generation of heat.'

## Gas

### (7.30.7.1) Heating value

Select from:

HHV

### (7.30.7.2) Total fuel MWh consumed by the organization

264786

### (7.30.7.3) MWh fuel consumed for self-generation of electricity

0

### (7.30.7.4) MWh fuel consumed for self-generation of heat

7544

### (7.30.7.5) MWh fuel consumed for self-generation of steam

250646

### (7.30.7.6) MWh fuel consumed for self-generation of cooling

6596

### (7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

### (7.30.7.8) Comment

Gas includes natural gas and propane. A majority of natural gas consumption occurs at our North American facilities; therefore, the North American heating value is used. Propane is used at our manufacturing facility in Puerto Rico for boilers and water heaters.

## Other non-renewable fuels (e.g. non-renewable hydrogen)

### (7.30.7.1) Heating value

Select from:

HHV

### (7.30.7.2) Total fuel MWh consumed by the organization

99678

### (7.30.7.3) MWh fuel consumed for self-generation of electricity

0

### (7.30.7.4) MWh fuel consumed for self-generation of heat

99678

### (7.30.7.5) MWh fuel consumed for self-generation of steam

0

### (7.30.7.6) MWh fuel consumed for self-generation of cooling

0

### (7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0

### (7.30.7.8) Comment

Motor gasoline, ethanol, and jet-kerosene are included. Energy from the consumption of fuels for transportation (sales fleet and executive travel) is reported as "self-generation of heat".

## Total fuel

### (7.30.7.1) Heating value

Select from:

HHV

### (7.30.7.2) Total fuel MWh consumed by the organization

634456

### (7.30.7.3) MWh fuel consumed for self-generation of electricity

1851

### (7.30.7.4) MWh fuel consumed for self-generation of heat

134894

### (7.30.7.5) MWh fuel consumed for self-generation of steam

250646

### (7.30.7.6) MWh fuel consumed for self-generation of cooling

6596

### (7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

240469

### (7.30.7.8) Comment

Sum of rows above  
[Fixed row]

**(7.30.9) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.**

## **Electricity**

### **(7.30.9.1) Total Gross generation (MWh)**

50936

### **(7.30.9.2) Generation that is consumed by the organization (MWh)**

50936

### **(7.30.9.3) Gross generation from renewable sources (MWh)**

1232

### **(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

1232

## **Heat**

### **(7.30.9.1) Total Gross generation (MWh)**

134894

### **(7.30.9.2) Generation that is consumed by the organization (MWh)**

134894

### **(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

## **Steam**

**(7.30.9.1) Total Gross generation (MWh)**

366051

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

366051

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

## **Cooling**

**(7.30.9.1) Total Gross generation (MWh)**

6596

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

6596

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

#### (7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

[Fixed row]

**(7.30.14) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in 7.7.**

#### Row 1

##### (7.30.14.1) Country/area

Select from:

Australia

##### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

##### (7.30.14.3) Energy carrier

Select from:

Electricity

##### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Sources not specified in the contract

##### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

**(7.30.14.6) Tracking instrument used**

Select from:

Contract

**(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute**

Select from:

Australia

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

No

**(7.30.14.10) Comment**

*Contract with local utility for 100 percent renewable electricity.*

**Row 2****(7.30.14.1) Country/area**

Select from:

Belgium

**(7.30.14.2) Sourcing method**

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

**(7.30.14.3) Energy carrier**

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Sources not specified in the contract

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

119

#### (7.30.14.6) Tracking instrument used

Select from:

Contract

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Belgium

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Contract with local utility for 100 percent renewable electricity.*

### Row 3

#### (7.30.14.1) Country/area

Select from:

Canada

#### (7.30.14.2) Sourcing method

Select from:

Unbundled procurement of energy attribute certificates (EACs)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Wind and solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

2966

#### (7.30.14.6) Tracking instrument used

Select from:

US-REC

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

United States of America

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

**(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**

2023

**(7.30.14.10) Comment**

*Unbundled renewable energy certificates generated from wind and solar projects in the United States.*

**Row 4**

**(7.30.14.1) Country/area**

Select from:

Denmark

**(7.30.14.2) Sourcing method**

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

**(7.30.14.3) Energy carrier**

Select from:

Electricity

**(7.30.14.4) Low-carbon technology type**

Select from:

Renewable energy mix, please specify :Biogas, solar, and wind

**(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

765

### (7.30.14.6) Tracking instrument used

Select from:

Contract

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Denmark

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

*Contract with local utility for 100 percent renewable electricity.*

## Row 5

### (7.30.14.1) Country/area

Select from:

Finland

### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Wind

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

56

#### (7.30.14.6) Tracking instrument used

Select from:

Contract

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Finland

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Contract with local utility for 100 percent wind-powered electricity.*

### Row 6

#### (7.30.14.1) Country/area

Select from:

France

### (7.30.14.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

Select from:

- Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

- Renewable energy mix, please specify :Hydraulic, wind, solar, and biomass

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

329

### (7.30.14.6) Tracking instrument used

Select from:

- Contract

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

- France

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

### (7.30.14.10) Comment

Contract with local utility for 100 percent renewable electricity.

## Row 7

### (7.30.14.1) Country/area

Select from:

Hungary

### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

Select from:

Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Sources not specified in the contract

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

83

### (7.30.14.6) Tracking instrument used

Select from:

Contract

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Hungary

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

No

**(7.30.14.10) Comment**

*Contract with local utility for 100 percent renewable electricity.*

**Row 8**

**(7.30.14.1) Country/area**

Select from:

Iceland

**(7.30.14.2) Sourcing method**

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

**(7.30.14.3) Energy carrier**

Select from:

Electricity

**(7.30.14.4) Low-carbon technology type**

Select from:

Renewable energy mix, please specify :Geothermal steam and hydropower

**(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

**(7.30.14.6) Tracking instrument used**

Select from:

Contract

**(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute**

Select from:

Iceland

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

No

**(7.30.14.10) Comment**

*Contract with local utility that produces 100 percent renewable electricity.*

**Row 9****(7.30.14.1) Country/area**

Select from:

Ireland

**(7.30.14.2) Sourcing method**

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

**(7.30.14.3) Energy carrier**

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Utility Offering: Renewable Standard - 100% renewable electricity from a blend of generation sources

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

29454

#### (7.30.14.6) Tracking instrument used

Select from:

Contract

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Ireland

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Contract with local utility for 100 percent renewable electricity.*

**Row 10**

#### (7.30.14.1) Country/area

Select from:

Netherlands

#### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Wind and solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

5976

#### (7.30.14.6) Tracking instrument used

Select from:

Contract

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Netherlands

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

*Contract with local utility for 100 percent renewable electricity.*

## Row 11

### (7.30.14.1) Country/area

*Select from:*

Spain

### (7.30.14.2) Sourcing method

*Select from:*

Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

*Select from:*

Electricity

### (7.30.14.4) Low-carbon technology type

*Select from:*

Renewable energy mix, please specify :Hydraulic, wind, and solar

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

169

### (7.30.14.6) Tracking instrument used

*Select from:*

Contract

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Spain

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Contract with local utility for 100 percent renewable electricity.*

### Row 12

#### (7.30.14.1) Country/area

Select from:

Sweden

#### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Hydraulic and wind

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

161

#### (7.30.14.6) Tracking instrument used

Select from:

Contract

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Sweden

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Contract with local utility for 100 percent renewable electricity.*

### Row 13

#### (7.30.14.1) Country/area

Select from:

Switzerland

#### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

Select from:

Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Hydro and wind

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

390

### (7.30.14.6) Tracking instrument used

Select from:

Contract

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Switzerland

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

*Contract with building management company for 100 percent renewable electricity (onsite solar and hydropower grid sources).*

## Row 14

### (7.30.14.1) Country/area

Select from:

- United Kingdom of Great Britain and Northern Ireland

### (7.30.14.2) Sourcing method

Select from:

- Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

Select from:

- Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

- Renewable energy mix, please specify :Utility Offering: Renewable Standard - 100% renewable electricity from a blend of generation sources

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

565

### (7.30.14.6) Tracking instrument used

Select from:

- Contract

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

- United Kingdom of Great Britain and Northern Ireland

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

No

**(7.30.14.10) Comment**

*Contract with local utility for 100 percent renewable electricity.*

**Row 15**

**(7.30.14.1) Country/area**

Select from:

United States of America

**(7.30.14.2) Sourcing method**

Select from:

Unbundled procurement of energy attribute certificates (EACs)

**(7.30.14.3) Energy carrier**

Select from:

Electricity

**(7.30.14.4) Low-carbon technology type**

Select from:

Renewable energy mix, please specify :Wind and solar

**(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

227050

### (7.30.14.6) Tracking instrument used

Select from:

US-REC

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

United States of America

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

### (7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2023

### (7.30.14.10) Comment

*Unbundled renewable energy certificates generated from wind and solar projects in the United States.*

*[Add row]*

### (7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

#### Argentina

### (7.30.16.1) Consumption of purchased electricity (MWh)

326

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

116

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

442.00

**Australia**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

87

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

40

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

127.00

## Austria

### (7.30.16.1) Consumption of purchased electricity (MWh)

116

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

### (7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

53

### (7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

169.00

## Belgium

### (7.30.16.1) Consumption of purchased electricity (MWh)

119

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

55

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

174.00

**Brazil**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

945

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

362

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

1307.00

**Bulgaria**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

59

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

27

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

86.00

**Canada**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

3319

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

4430

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

7749.00

## China

### (7.30.16.1) Consumption of purchased electricity (MWh)

806

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

### (7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

370

### (7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

1176.00

## Colombia

### (7.30.16.1) Consumption of purchased electricity (MWh)

163

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

75

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

238.00

## **Croatia**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

20

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

9

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

29.00

## **Denmark**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

1248

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

438

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

1686.00

**Egypt**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

87

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

40

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

127.00

**Finland**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

56

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

26

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

82.00

**France**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

329

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

151

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

480.00

**Germany**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

3354

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

1195

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

4549.00

**Greece**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

217

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

100

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

317.00

**Hungary**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

83

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

121.00

**Iceland****(7.30.16.1) Consumption of purchased electricity (MWh)**

5483

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

1817

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

7300.00

**India****(7.30.16.1) Consumption of purchased electricity (MWh)**

2

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

2

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

4.00

## **Ireland**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

30802

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

653

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

28845

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

60300.00

## Italy

### (7.30.16.1) Consumption of purchased electricity (MWh)

339

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

### (7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

156

### (7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

495.00

## Japan

### (7.30.16.1) Consumption of purchased electricity (MWh)

239

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

110

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

349.00

**Malaysia**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

16

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

7

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

23.00

**Mexico**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

197

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

91

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

288.00

**Morocco**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

8

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

4

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

12.00

## Netherlands

### (7.30.16.1) Consumption of purchased electricity (MWh)

5976

### (7.30.16.2) Consumption of self-generated electricity (MWh)

121

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

### (7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

2121

### (7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

8218.00

## Poland

### (7.30.16.1) Consumption of purchased electricity (MWh)

175

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

112

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

287.00

## **Portugal**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

222

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

102

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

324.00

## **Puerto Rico**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

70044

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

47853

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

116349

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

234246.00

**Republic of Korea**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

295

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

136

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

431.00

**Romania**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

63

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

29

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

92.00

**Russian Federation**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

16

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

36

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

52.00

**Saudi Arabia**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

79

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

36

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

115.00

**Singapore**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

15056

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

1199

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

9018

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

25273.00

**Slovakia**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

71

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

104.00

**Slovenia****(7.30.16.1) Consumption of purchased electricity (MWh)**

59

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

27

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

86.00

**Spain****(7.30.16.1) Consumption of purchased electricity (MWh)**

169

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

78

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

247.00

**Sweden**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

161

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

74

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

235.00

## Switzerland

### (7.30.16.1) Consumption of purchased electricity (MWh)

390

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

### (7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

179

### (7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

569.00

## Taiwan, China

### (7.30.16.1) Consumption of purchased electricity (MWh)

256

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

118

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

374.00

**Thailand**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

94

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

43

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

137.00

**Turkey**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

65

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

30

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

95.00

**United Arab Emirates**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

63

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

29

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

92.00

## United Kingdom of Great Britain and Northern Ireland

### (7.30.16.1) Consumption of purchased electricity (MWh)

710

### (7.30.16.2) Consumption of self-generated electricity (MWh)

10

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

### (7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

104

### (7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

824.00

## United States of America

### (7.30.16.1) Consumption of purchased electricity (MWh)

233782

### (7.30.16.2) Consumption of self-generated electricity (MWh)

1096

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

21740

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

212997

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

469615.00

[Fixed row]

**(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.**

**Row 1**

**(7.45.1) Intensity figure**

0.00000482

**(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)**

161247

**(7.45.3) Metric denominator**

Select from:

unit total revenue

**(7.45.4) Metric denominator: Unit total**

33424000000

**(7.45.5) Scope 2 figure used**

Select from:

Market-based

### (7.45.6) % change from previous year

17

### (7.45.7) Direction of change

Select from:

Decreased

### (7.45.8) Reasons for change

Select all that apply

Change in renewable energy consumption

Other emissions reduction activities

### (7.45.9) Please explain

*Energy efficiency and innovation projects and continued increase in renewable electricity procurement decreased Scope 1 and Scope 2 emissions.  
[Add row]*

## (7.52) Provide any additional climate-related metrics relevant to your business.

### Row 1

### (7.52.1) Description

Select from:

Energy usage

### (7.52.2) Metric value

**(7.52.3) Metric numerator**

*Total Energy from Utilities (1000 GJ)*

**(7.52.4) Metric denominator (intensity metric only)**

*Normalized to net Sales (\$Billion USD)*

**(7.52.5) % change from previous year**

11

**(7.52.6) Direction of change**

Select from:

Decreased

**(7.52.7) Please explain**

*Our organization's total energy normalized to net sales has decreased annually since 2019, the baseline year. In 2024, it decreased 11% compared to 2023.*

**Row 2****(7.52.1) Description**

Select from:

Other, please specify :Carbon Emissions

**(7.52.2) Metric value**

4

**(7.52.3) Metric numerator**

Total Carbon from Utilities (1000 MTCO2e)

#### (7.52.4) Metric denominator (intensity metric only)

Normalized to net sales (\$Billion USD)

#### (7.52.5) % change from previous year

0

#### (7.52.6) Direction of change

Select from:

No change

#### (7.52.7) Please explain

Our organization's total carbon emissions normalized to net sales have decreased or remained unchanged, annually, since 2019, the baseline year. In 2024, it remained constant when compared to 2023.

[Add row]

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

Select all that apply

Absolute target

#### (7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

##### Row 1

#### (7.53.1.1) Target reference number

Select from:

Abs 1

### (7.53.1.2) Is this a science-based target?

Select from:

- Yes, and this target has been approved by the Science Based Targets initiative

### (7.53.1.4) Target ambition

Select from:

- 1.5°C aligned

### (7.53.1.5) Date target was set

08/01/2022

### (7.53.1.6) Target coverage

Select from:

- Organization-wide

### (7.53.1.7) Greenhouse gases covered by target

Select all that apply

- Methane (CH<sub>4</sub>)
- Nitrous oxide (N<sub>2</sub>O)
- Carbon dioxide (CO<sub>2</sub>)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Sulphur hexafluoride (SF<sub>6</sub>)
- Nitrogen trifluoride (NF<sub>3</sub>)

### (7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2
- Scope 3

### **(7.53.1.9) Scope 2 accounting method**

Select from:

Market-based

### **(7.53.1.10) Scope 3 categories**

Select all that apply

Scope 3, Category 1 – Purchased goods and services

Scope 3, Category 2 – Capital goods

### **(7.53.1.11) End date of base year**

12/31/2019

### **(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)**

135954

### **(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)**

160360

### **(7.53.1.14) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)**

2323917

### **(7.53.1.15) Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)**

258132

### **(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)**

2582049.000

**(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)**

2878363.000

**(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**

55

**(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**

55

**(7.53.1.35) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)**

91

**(7.53.1.36) Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)**

91

**(7.53.1.52) Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**

66

**(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**

100

**(7.53.1.54) End date of target**

12/31/2027

**(7.53.1.55) Targeted reduction from base year (%)**

67

**(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)**

949859.790

**(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)**

147353

**(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)**

13894

**(7.53.1.59) Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)**

945759

**(7.53.1.60) Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)**

220975

**(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)**

1166734.000

**(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)**

1327981.000

**(7.53.1.78) Land-related emissions covered by target**

Select from:

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

#### (7.53.1.79) % of target achieved relative to base year

80.39

#### (7.53.1.80) Target status in reporting year

Select from:

Underway

#### (7.53.1.82) Explain target coverage and identify any exclusions

*In 2020, we initiated our third multiyear environmental sustainability plan with the aspiration to achieve carbon neutrality (1) in our operations by year-end 2027. Our carbon neutrality goal encompasses 100 percent of Amgen's Scope 1 and Scope 2 (market-based) emissions. This includes emissions from our sales fleet; fugitive emissions from purchased and generated carbon dioxide and refrigerant losses; executive travel; and from energy usage in our operations. For energy use in our operations, we track invoiced energy usage from 87 percent of our worldwide facility space, based on total square feet and calculate emissions from fuel and supplied electricity emission factors. Energy and carbon data for the remaining 13 percent of facility space is estimated based on building energy-intensity factors and country-specific emission factors. This includes leased buildings where we have limited operational control over building infrastructure, including utilities. We also set a commitment with SBTi. (1) Carbon neutrality goal refers to Scope 1 and 2 emissions, inclusive of our acquisition of Horizon Therapeutics plc.*

#### (7.53.1.83) Target objective

*Our SBTi commitment is as follows: - Amgen commits to reduce absolute Scope 1 and 2 carbon emissions by 55% from a 2019 baseline year by 2027. - Amgen commits to increase renewable electricity sourcing from 29% to 100% by 2027, and to continually source 100% renewable energy through 2030. - Amgen commits that 73% of its suppliers by spend covering upstream purchased goods and services and capital goods will have science-based targets by 2027. Note that the target for Scope 3 is a supplier engagement commitment, not an absolute carbon reduction target. Our Scope 3 supplier engagement goal for Categories 1 and 2 (Purchased Goods & Services and Capital Goods) covers 67% of our Scope 3 2019 baseline (note this is not an absolute goal). 91% of Scope 3 emissions originate from Categories 1 and 2. 67% of total Scope 3 emissions translates to 73% by spend of Categories 1 and 2.*

#### (7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

*Strategy: Our plan to achieve our 2027 target is to eliminate and reduce energy usage through efficiency, electrification, and the sourcing of renewable energy. We identify and reward projects on a quarterly basis to reduce our environmental footprint (carbon, water, and waste). Special recognition is provided to site teams that reduce or eliminate fossil fuels from our operations. Our Scope 1, 2, and 3 science-based targets were approved by the SBTi in August 2022.*

#### (7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

No

[Add row]

## (7.54) Did you have any other climate-related targets that were active in the reporting year?

Select all that apply

Targets to increase or maintain low-carbon energy consumption or production

Other climate-related targets

### (7.54.1) Provide details of your targets to increase or maintain low-carbon energy consumption or production.

#### Row 1

##### (7.54.1.1) Target reference number

Select from:

Low 1

##### (7.54.1.2) Date target was set

08/01/2022

##### (7.54.1.3) Target coverage

Select from:

Organization-wide

##### (7.54.1.4) Target type: energy carrier

Select from:

Electricity

##### (7.54.1.5) Target type: activity

Select from:

Consumption

**(7.54.1.6) Target type: energy source**

Select from:

Renewable energy source(s) only

**(7.54.1.7) End date of base year**

12/31/2019

**(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)**

480833

**(7.54.1.9) % share of low-carbon or renewable energy in base year**

29

**(7.54.1.10) End date of target**

12/31/2027

**(7.54.1.11) % share of low-carbon or renewable energy at end date of target**

100

**(7.54.1.12) % share of low-carbon or renewable energy in reporting year**

90

**(7.54.1.13) % of target achieved relative to base year**

85.92

#### **(7.54.1.14) Target status in reporting year**

Select from:

Underway

#### **(7.54.1.16) Is this target part of an emissions target?**

*Yes, this target forms part of our SBTi commitments that were approved in 2022.*

#### **(7.54.1.17) Is this target part of an overarching initiative?**

Select all that apply

Science Based Targets initiative

#### **(7.54.1.18) Science Based Targets initiative official validation letter**

*AMGE-USA-001-OFF Certificate (003) 1.pdf*

#### **(7.54.1.19) Explain target coverage and identify any exclusions**

*Source 100% renewable electricity; this target covers all of Amgen's owned and operated assets; it does not include leased sales facilities.*

#### **(7.54.1.20) Target objective**

*Source 100% renewable electricity and continue source 100% renewable electricity through 2030*

#### **(7.54.1.21) Plan for achieving target, and progress made to the end of the reporting year**

*We have accelerated the purchase of clean, renewable electricity to reduce Scope 2 emissions. Progress toward the target was achieved through the installation of on-site solar photovoltaic panels and the purchase of energy attribute certificates. Amgen is also in ongoing discussions with renewable energy suppliers and brokers to identify opportunities to participate in power purchase agreements for renewable energy.*

*[Add row]*

#### **(7.54.2) Provide details of any other climate-related targets, including methane reduction targets.**

## Row 1

### (7.54.2.1) Target reference number

Select from:

Oth 1

### (7.54.2.2) Date target was set

01/01/2019

### (7.54.2.3) Target coverage

Select from:

Organization-wide

### (7.54.2.4) Target type: absolute or intensity

Select from:

Absolute

### (7.54.2.5) Target type: category & metric (target numerator if reporting an intensity target)

Low-carbon vehicles

Percentage of battery electric vehicles in company fleet

### (7.54.2.7) End date of base year

12/31/2019

### (7.54.2.8) Figure or percentage in base year

0

**(7.54.2.9) End date of target**

01/01/2027

**(7.54.2.10) Figure or percentage at end of date of target**

30

**(7.54.2.11) Figure or percentage in reporting year**

12

**(7.54.2.12) % of target achieved relative to base year**

40.0000000000

**(7.54.2.13) Target status in reporting year**

Select from:

Underway

**(7.54.2.15) Is this target part of an emissions target?**

*Yes. This target is part of our overall carbon neutrality target for year-end 2027. Our target of 30% vehicle electrification will reduce Scope 1 emissions resulting from combustion of fuel in internal combustion engine vehicles.*

**(7.54.2.16) Is this target part of an overarching initiative?**

Select all that apply

Other, please specify :Amgen's 2027 Environmental Sustainability goals

**(7.54.2.18) Please explain target coverage and identify any exclusions**

*Office vehicles used to commute to/from work*

**(7.54.2.19) Target objective**

### (7.54.2.20) Plan for achieving target, and progress made to the end of the reporting year

Advanced governance and leadership action to electrify fleet vehicles, including by engaging with country leads and inspiring them to take climate action by enrolling in Amgen's electric vehicles programs in the United States, the Japan-Asia Pacific (JAPAC) region and Europe, Latin America, Middle East, Africa, and Canada (ELMAC) region.

[Add row]

**(7.55) 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.**

Select from:

Yes

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

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e
Under investigation	19	<i>Numeric input</i>
To be implemented	9	457
Implementation commenced	40	22738
Implemented	43	6242
Not to be implemented	0	<i>Numeric input</i>

[Fixed row]

**(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.**

## Row 1

### (7.55.2.1) Initiative category & Initiative type

Company policy or behavioral change

Other, please specify :Carbon offsets

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

40000

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

Scope 1

### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

755000

### (7.55.2.7) Payback period

Select from:

No payback

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

<1 year

### (7.55.2.9) Comment

*In 2024, we applied 40,000 MTCO<sub>2</sub>e of purchased high-quality carbon offsets for our Thousand Oaks, Rhode Island, and Puerto Rico sites to reduce Scope 1 direct greenhouse gas emissions from our facilities.*

## Row 2

### (7.55.2.1) Initiative category & Initiative type

Low-carbon energy consumption

Low-carbon electricity mix

### (7.55.2.2) Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)

103828

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

548838

### (7.55.2.7) Payback period

Select from:

No payback

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

<1 year

### (7.55.2.9) Comment

*In 2024, we allocated 300,061 MWh of unbundled, renewable energy certificates for our North American operations (including our Thousand Oaks, San Francisco, Rhode Island, Massachusetts, Louisville, Burnaby Puerto Rico, Deerfield, Rockville, and Ohio facilities). This is in addition to low carbon and renewable energy contracts with utility providers at our Dun Laoghaire, Waterford, Breda, Cambridge (United Kingdom), Burnaby, and San Francisco operations. The CO2e savings reported represents the incremental increase in savings additional to previous year's reductions.*

## Row 3

### (7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

Building Energy Management Systems (BEMS)

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

835

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

- Scope 1
- Scope 2 (location-based)
- Scope 2 (market-based)

#### (7.55.2.4) Voluntary/Mandatory

Select from:

- Voluntary

#### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

534158

#### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

264903

#### (7.55.2.7) Payback period

Select from:

- <1 year

#### (7.55.2.8) Estimated lifetime of the initiative

Select from:

- <1 year

#### (7.55.2.9) Comment

*A Smart and Integrated Facilities program was installed at Amgen's Thousand Oaks, Rhode Island, Puerto Rico, Dun Laoghaire, Singapore, Massachusetts, and San Francisco facilities to identify energy-wasting system faults (e.g., leaking valves on air handling units) in real time, to support quick and efficient mitigation.*

### Row 4

#### (7.55.2.1) Initiative category & Initiative type

425

Public

Energy efficiency in buildings

Other, please specify :Move to a new energy efficient building

#### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

3437

#### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

Scope 1

Scope 2 (location-based)

Scope 2 (market-based)

#### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

#### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

1922676

#### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

119031796

#### (7.55.2.8) Estimated lifetime of the initiative

Select from:

Ongoing

#### (7.55.2.9) Comment

Amgen San Francisco relocated to a new building that is LEED Certified, with a modern, energy-efficient cooling tower, low-flow fixtures (faucet, kitchen sinks, urinals, toilets, etc.) and a SmartStack system, which has resulted in significant carbon savings.

## Row 5

### (7.55.2.1) Initiative category & Initiative type

Low-carbon energy consumption

Solar PV

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

436

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

*Select all that apply*

Scope 2 (location-based)

Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

*Select from:*

Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

158074

### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

166444

### (7.55.2.7) Payback period

Select from:

11-15 years

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

11-15 years

### (7.55.2.9) Comment

*In addition to existing rooftop solar panels at our Breda, Netherlands facility and atop a building at our Singapore site, in 2024 we executed on the Ohio and North Carolina solar projects and installed solar panels on the roof of an additional building in Singapore.*

## Row 6

### (7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

Heating, Ventilation and Air Conditioning (HVAC)

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

132

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

Scope 2 (location-based)

Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

63846

### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

### (7.55.2.7) Payback period

Select from:

No payback

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

Ongoing

### (7.55.2.9) Comment

*We executed on an initiative to close laboratory fume hoods when not in use to minimize the amount of air needed to be conditioned and exhausted by the ventilation system. The scope of this project included laboratory sashes on a floor of a building at Amgen's Thousand Oaks site. This project was a simple but effective way to reduce the energy consumption of laboratory fume hoods.*

## Row 7

### (7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

Heating, Ventilation and Air Conditioning (HVAC)

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

146

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

- Scope 2 (location-based)
- Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

Select from:

- Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

128668

### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

92820

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

- Ongoing

### (7.55.2.9) Comment

*An energy conservation measure at the Amgen Massachusetts site monitors the concentration of chemicals in the exhaust ducts and allows the fan to set back and reduce in-flow and power consumed by eliminating minimum speed requirement until certain concentration limits are sensed (currently 2 ppm). When limits at, or above, safe concentration levels are sensed, the setback will be removed and the fan will operate to minimum required speed to maintain 3,000 FPM.*

## Row 8

### (7.55.2.1) Initiative category & Initiative type

Transportation

Company fleet vehicle efficiency

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

1903

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

*Select all that apply*

Scope 1

### (7.55.2.4) Voluntary/Mandatory

*Select from:*

Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

447603

### (7.55.2.7) Payback period

*Select from:*

No payback

### (7.55.2.8) Estimated lifetime of the initiative

*Select from:*

6-10 years

### (7.55.2.9) Comment

*Approx. \$15,000,000 was allocated for field fleet electrification from 2019 to 2027. To date, over 687 EVs have been on the road in the U.S., EU, and JAPAC regions. Level 2 home chargers were also installed in employees homes to help to assure business continuity in large territories. No payback period is expected.*

### Row 9

#### (7.55.2.1) Initiative category & Initiative type

Company policy or behavioral change

Supplier engagement

#### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

0

#### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

*Select all that apply*

Scope 3 category 1: Purchased goods & services

#### (7.55.2.4) Voluntary/Mandatory

*Select from:*

Voluntary

#### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

#### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

83725

### (7.55.2.7) Payback period

Select from:

- No payback

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

- 3-5 years

### (7.55.2.9) Comment

*As part of our 2027 environmental sustainability plan, in 2022, we established a Scope 3 supplier engagement target to engage with 73% of our suppliers by spend in key categories to support their adoption of science-based carbon emission reduction targets. This engagement covers approximately 67% of our Scope 3 emissions, from a 2019 baseline year. To help our suppliers set science-based targets, we are proud sponsors of the following industry partnerships and supplier engagement programs: (1) Energize, a program to accelerate access to renewable electricity with pharmaceutical supply chains; (2) the Responsible Health Initiative, which aims to educate suppliers about greenhouse gas emissions accounting and setting strategies; and (3) Converge, a program to reduce the environmental impacts of our fellow life science peers. Once our suppliers set science-based targets by 2027, we will request product carbon footprints to improve our accounting of carbon reductions.*

## Row 10

### (7.55.2.1) Initiative category & Initiative type

Company policy or behavioral change

- Other, please specify :Employee engagement

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

0

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

- Scope 1

- Scope 2 (location-based)
- Scope 2 (market-based)
- Scope 3 category 5: Waste generated in operations
- Scope 3 category 7: Employee commuting

#### (7.55.2.4) Voluntary/Mandatory

Select from:

- Voluntary

#### (7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

0

#### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

#### (7.55.2.7) Payback period

Select from:

- No payback

#### (7.55.2.8) Estimated lifetime of the initiative

Select from:

- Ongoing

#### (7.55.2.9) Comment

*Amgen is committed to educating employees on sustainability topics, providing a consistent message globally regarding our sustainability, carbon, and climate ambitions. In April 2024, Amgen hosted global activities in honor of Earth Month that included employees planting trees across 11 sites. Additionally, many sites organized local Earth Month fairs and events. In September 2024, Amgen participated in the International Coastal Cleanup initiative, with participation from 17 Amgen sites. In addition to these internal efforts, Amgen offers all full-time employees a paid day dedicated to volunteering and enables employees to participate if they so choose in sustainability training, among other activities, during the workday. CO2e emissions associated with these initiatives have not been calculated.*

## Row 11

### (7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

Other, please specify :Miscellaneous emission reduction initiatives

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

2091

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

*Select all that apply*

- Scope 1
- Scope 2 (location-based)
- Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

*Select from:*

- Voluntary

### (7.55.2.6) Investment required (unit currency – as specified in 1.2)

0

### (7.55.2.7) Payback period

*Select from:*

- <1 year

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

Ongoing

### (7.55.2.9) Comment

*We have rolled out multiple local carbon reduction initiatives across Amgen sites, leading to decreased natural gas and electricity consumption and associated greenhouse gas emission reductions.*

[Add row]

## (7.55.3) What methods do you use to drive investment in emissions reduction activities?

### Row 1

#### (7.55.3.1) Method

Select from:

Other :Dedicated budget for energy efficiency; Dedicated budget for other emissions reduction activities; Internal finance mechanisms

#### (7.55.3.2) Comment

*In 2020, we announced Amgen's commitment to invest more than \$200 million to achieve our 2027 environmental plan, including our goal to achieve carbon neutrality (1) in our operations, as well as achieving our waste and water goals. This forecasted spend is independent from other company budgets and is associated with its own cost center and capital spend line item. Forecasted spend is tracked monthly. (1) Carbon neutrality goal refers to Scope 1 and 2, inclusive of our acquisition of Horizon.*

### Row 2

#### (7.55.3.1) Method

Select from:

Employee engagement

#### (7.55.3.2) Comment

*Amgen has an Environmental Sustainability Ambassador program with representatives from different non-commercial facilities and functions and support from management. The Ambassador program provides a forum for Ambassador representatives to align so that environmental sustainability is further integrated across the company, reinforcing a culture of sustainability and supporting progress toward carbon and climate-related goals. The program provides support and tools for Ambassadors to inspire, educate, and integrate best practices and embed sustainability culture within their teams; helps teams identify and collaboratively address barriers to achieving sustainability program objectives; promotes effective operations; and assures necessary resources are provided to support implementation of the sustainability program across the enterprise.*

### Row 3

#### (7.55.3.1) Method

Select from:

Internal price on carbon

#### (7.55.3.2) Comment

*Amgen uses two forms of an internal price on carbon (IPoC) to encourage the design and implementation of projects that reduce energy use and carbon emissions. The first form of an IPoC is an Investment Evaluator used in our Investment Lifecycle Management program to evaluate the purchase of innovative and efficient equipment that supports further reductions in carbon. For this evaluation, we apply an internal price of carbon of \$1,600 USD per metric ton (MT) of CO<sub>2</sub>e emissions. In other words, innovative and efficiency-related sustainability projects that deliver carbon reductions of \$1,600 per mt of CO<sub>2</sub>e emissions reduced (or less) are considered reasonable for inclusion in the sustainability project portfolio in support of Amgen's 2027 ambition. Based on historical projects, we determined that approximately \$1600 per MT is required to drive innovative and energy efficiency scope into internal projects. The second form of an IPoC is an Internal Fee. All Amgen capital projects over \$500K require a sustainability estimate of impact, including impact for carbon, waste and water. For projects that result in an increase in CO<sub>2</sub>e emissions by greater than 500 metric tons, we apply an internal fee of \$1,000 USD per metric ton. Proceeds from the internal carbon fee are then added to our overall environmental sustainability budget to fund additional reduction projects. This process enables Amgen to offset our growth and associated increase in carbon footprint using the proceeds from the sustainability fee.*

### Row 4

#### (7.55.3.1) Method

Select from:

Financial optimization calculations

#### (7.55.3.2) Comment

*For each capital project requiring approval, Amgen's Investment Lifecycle Management group calculates the associated Net Present Value (NPV). Although the anticipated costs of innovative and energy-efficient projects do not always meet standard NPV expectations (e.g., for productivity initiatives), IPoC and carbon internal fees have been used to justify approval of projects that would not otherwise be prioritized based on NPV assessment because they are aligned with strategic objectives. The carbon fee is recognized numerically in the NPV calculation as a credit in year two of the NPV calculation because those funds are applied as a debit to the sustainability budget two years from the carbon project approval.*

## Row 5

### (7.55.3.1) Method

Select from:

Other :Dedicated budget for energy efficiency; Dedicated budget for low-carbon product R&D; Dedicated budget for other emissions reduction activities

### (7.55.3.2) Comment

*In February 2022, Amgen issued its inaugural \$750 million green bond, with a 3.00% semi-annual coupon and maturing in 2029, to advance our environmental goals. Projects funded by the proceeds of the bond offering were required to meet certain sustainability criteria for eligibility. The net proceeds from the Green Bond issuance were allocated to and used in the construction of our North Carolina facility (\$361 million) and the Amgen Ecovation biomanufacturing plant in Rhode Island (\$74 million), the construction of our Ohio facility (\$300 million), the redesign and upgrade of our wastewater treatment operations in our Singapore facility to reduce our water usage (\$11 million), and to support other eco-efficient operations across our manufacturing facilities (\$4 million).*

## Row 6

### (7.55.3.1) Method

Select from:

Internal incentives/recognition programs

### (7.55.3.2) Comment

*Our #HealthyPlanet Recognition Program recognizes Amgen employees who go above and beyond to create programs and activities that support our sustainability goals. Employees can be recognized for activities such as organizing volunteer events in the local community, implementing a sustainability policy for a department, or training employees to use equipment more efficiently in ways that measurably reduce energy, water, or waste for the Company. In 2024, we rewarded 283 employees for their contributions.*

## Row 7

### (7.55.3.1) Method

Select from:

- Compliance with regulatory requirements/standards

### (7.55.3.2) Comment

*Amgen has developed a database of current and impending global, EU, country-wide and local carbon and climate change regulations. This database identifies associated requirements, applicability to Amgen, roles and responsibilities, and timelines to help maintain compliance. Amgen has also engaged a third-party firm to conduct biannual global sustainability regulation scanning to ensure awareness of all pending and approved reporting requirements Amgen entities are subject to. Amgen is also participating in multiple industry-specific task groups that focus on tracking and addressing climate-related regulations.*

[Add row]

### (7.73) Are you providing product level data for your organization's goods or services?

Select from:

- No, I am not providing data

### (7.74) Do you classify any of your existing goods and/or services as low-carbon products?

Select from:

- Yes

### (7.74.1) Provide details of your products and/or services that you classify as low-carbon products.

#### Row 1

### (7.74.1.1) Level of aggregation

Select from:

- Group of products or services

### (7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

No taxonomy used to classify product(s) or service(s) as low carbon

### (7.74.1.3) Type of product(s) or service(s)

Other

Other, please specify :Biotechnology

### (7.74.1.4) Description of product(s) or service(s)

*Bio pharmaceutical drug products*

### (7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

Yes

### (7.74.1.6) Methodology used to calculate avoided emissions

Select from:

Other, please specify :Internal Life Cycle Assessment methodology

### (7.74.1.7) Life cycle stage(s) covered for the low-carbon product(s) or services(s)

Select from:

Other, please specify :Cradle-to-drug-substance-gate

### (7.74.1.8) Functional unit used

*1 lot of drug substance produced*

### (7.74.1.9) Reference product/service or baseline scenario used

*We examined the associated emissions per lot of drug substance for products that are produced at multiple sites.*

**(7.74.1.10) Life cycle stage(s) covered for the reference product/service or baseline scenario**

Select from:

Other, please specify :Cradle-to-Drug-Substance-Gate

**(7.74.1.11) Estimated avoided emissions (metric tons CO2e per functional unit) compared to reference product/service or baseline scenario**

3803

**(7.74.1.12) Explain your calculation of avoided emissions, including any assumptions**

*Energy and fuel were allocated to lots of drug substance produced at all of our sites in 2024. Differences in emissions per lot for products that were produced at multiple sites were examined. Some sites were able to produce the same drug with lower emissions because of efficiency improvements or reduced energy demands (e.g., weather- or geography-related energy requirements), as well as overall productivity (sites with more production spread “overhead energy” such as HVAC across more production, leading to a lower emissions-per-lot value). Savings were then estimated for products produced at more efficient sites. Total yearly savings were estimated by multiplying the per lot savings by the lots produced at the more efficient production sites.*

[Add row]

**(7.79) Has your organization retired any project-based carbon credits within the reporting year?**

Select from:

Yes

**(7.79.1) Provide details of the project-based carbon credits retired by your organization in the reporting year.**

Row 1

**(7.79.1.1) Project type**

Select from:

Other, please specify :Forest carbon

**(7.79.1.2) Type of mitigation activity**

Select from:

Carbon removal

### (7.79.1.3) Project description

Name: Boone Forestry Project ID: ACR596 Methodology: Improved Forest Management on Non-Federal U.S. Forestlands v. 1.3 Geographic Location: Kentucky, U.S. How project leads to removals/reductions: The project is located on approximately 38,272 acres of mixed hardwood forest in southeastern Kentucky. The project activity is improved forest management, with Boone Forestlands' forest management practices representing a significant improvement in the carbon storage and conservation value than higher-return, more-aggressive management regimes of industrial private lands in the region, which are characterized by shorter, even-aged rotations. Management decisions of the forest focus on sustainable, natural forest growth and maintenance harvests for essential activities, recreation, wildlife habitat, and forest health. The project ensures long-term, sustainable management of the forests, which could otherwise undergo significant commercial timber harvesting. By committing to maintain forest CO2 stocks above the regional baseline level, the project will provide significant climate benefits through carbon sequestration. (Boone Forestry Project GHG Project Plan)

### (7.79.1.4) Credits retired by your organization from this project in the reporting year (metric tons CO2e)

12000

### (7.79.1.5) Purpose of retirement

Select from:

Voluntary offsetting

### (7.79.1.6) Are you able to report the vintage of the credits at retirement?

Select from:

Yes

### (7.79.1.7) Vintage of credits at retirement

2019

### (7.79.1.8) Were these credits issued to or purchased by your organization?

Select from:

Purchased

### (7.79.1.9) Carbon-crediting program by which the credits were issued

Select from:

- ACR (American Carbon Registry)

### (7.79.1.10) Method the program uses to assess additionality for this project

Select all that apply

- Consideration of legal requirements
- Barrier analysis

### (7.79.1.11) Approaches by which the selected program requires this project to address reversal risk

Select all that apply

- Monitoring and compensation

### (7.79.1.12) Potential sources of leakage the selected program requires this project to have assessed

Select all that apply

- Market leakage

### (7.79.1.13) Provide details of other issues the selected program requires projects to address

*The project follows the requirements of the registry and methodology.*

### (7.79.1.14) Please explain

*Serial numbers of credits and retirement date: ACR-US-596-2020-1512-28790 to 37709 (retired 12/19/2024); ACR-US-596-2019-1515-10215 to 13294 (retired 12/19/2024) Adjustments made for credits: NA*

## Row 2

### (7.79.1.1) Project type

Select from:

443

Public

Other, please specify :Improved forest management

### (7.79.1.2) Type of mitigation activity

Select from:

Carbon removal

### (7.79.1.3) Project description

Name: Darkwoods Forest Carbon Project ID: 607 Methodology: VM0012- Improved Forest Management in Temperate and Boreal Forests (LtPF), v. 1.2 Geographic Location: Creston, British Columbia, Canada How project leads to removals/reductions: The Darkwoods Forest Carbon Project achieves net GHG emission reductions and removals through the avoidance of emissions due to logging in the baseline scenario, and by increasing carbon stored by biomass growth in the retained forests on the project area in the project scenario. (VCS Project Description Document)

### (7.79.1.4) Credits retired by your organization from this project in the reporting year (metric tons CO2e)

12000

### (7.79.1.5) Purpose of retirement

Select from:

Voluntary offsetting

### (7.79.1.6) Are you able to report the vintage of the credits at retirement?

Select from:

Yes

### (7.79.1.7) Vintage of credits at retirement

2020

### (7.79.1.8) Were these credits issued to or purchased by your organization?

Select from:

Purchased

### (7.79.1.9) Carbon-crediting program by which the credits were issued

Select from:

- VCS/Verra (Verified Carbon Standard)

### (7.79.1.10) Method the program uses to assess additionality for this project

Select all that apply

- Investment analysis
- Barrier analysis

### (7.79.1.11) Approaches by which the selected program requires this project to address reversal risk

Select all that apply

- Monitoring and compensation

### (7.79.1.12) Potential sources of leakage the selected program requires this project to have assessed

Select all that apply

- Activity-shifting

### (7.79.1.13) Provide details of other issues the selected program requires projects to address

*The project follows the requirements of the registry and methodology.*

### (7.79.1.14) Please explain

*Serial numbers of credits and retirement date: 16522-767082349-767094348-VCS-VCU-261-VER-CA-14-607-01012020-31122020-1 (retired 12/19/2024)  
Adjustments made for credits: NA*

## Row 3

### (7.79.1.1) Project type

Select from:

445

Public

Other, please specify :Forest carbon

### (7.79.1.2) Type of mitigation activity

Select from:

Carbon removal

### (7.79.1.3) Project description

*Name: Empire Riverlands Forestry Project ID: ACR 705 Methodology: Improved Forest Management on Non-Federal U.S. Forestlands Geographic Location: New York, USA How the project leads to GHG emissions reductions or removals: The Project is located on 47,783 acres of mostly northern hardwood forest in New York state. The project activity is improved forest management, with the Empire Riverlands Forestry Project's management practices representing a significant improvement in the carbon storage and conservation value when compared to a more typical management regime in the area for a comparably encumbered forest. Management decisions instead will focus on sustainable harvests and biomass maintenance. By committing to increasing forest carbon stocks, the project will provide significant climate benefits through carbon sequestration. (Empire Riverlands GHG Project Plan)*

### (7.79.1.4) Credits retired by your organization from this project in the reporting year (metric tons CO2e)

10000

### (7.79.1.5) Purpose of retirement

Select from:

Voluntary offsetting

### (7.79.1.6) Are you able to report the vintage of the credits at retirement?

Select from:

Yes

### (7.79.1.7) Vintage of credits at retirement

2023

### (7.79.1.8) Were these credits issued to or purchased by your organization?

Select from:

Purchased

#### (7.79.1.9) Carbon-crediting program by which the credits were issued

Select from:

ACR (American Carbon Registry)

#### (7.79.1.10) Method the program uses to assess additionality for this project

Select all that apply

Consideration of legal requirements

Barrier analysis

Market penetration assessment

#### (7.79.1.11) Approaches by which the selected program requires this project to address reversal risk

Select all that apply

Monitoring and compensation

#### (7.79.1.12) Potential sources of leakage the selected program requires this project to have assessed

Select all that apply

Market leakage

#### (7.79.1.13) Provide details of other issues the selected program requires projects to address

*The project follows the requirements of the registry and methodology.*

#### (7.79.1.14) Please explain

*Serial numbers of credits and retirement date: ACR-US-705-2022-2173-1 to 939; (retired 12/19/2024); ACR-US-705-2021-2176-2001 to 11061 (retired 12/19/2024)*

*Adjustments made for credits: NA*

**Row 4**

### (7.79.1.1) Project type

Select from:

HFCs

### (7.79.1.2) Type of mitigation activity

Select from:

Emissions reduction

### (7.79.1.3) Project description

Name: Foam Blowing Agent Project 001P ID: ACR833 Methodology: Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use v. 3.0  
Geographic Location: Missouri, Texas How the project leads to GHG emissions reductions or removals: The Project transitions foam manufacturing from high global warming potential blowing agents to blowing agents with lower global warming potential at multiple facilities in the United States, reducing emissions. (Foam Blowing Agent Project 001P GHG Project Plan)

### (7.79.1.4) Credits retired by your organization from this project in the reporting year (metric tons CO2e)

12000

### (7.79.1.5) Purpose of retirement

Select from:

Voluntary offsetting

### (7.79.1.6) Are you able to report the vintage of the credits at retirement?

Select from:

Yes

### (7.79.1.7) Vintage of credits at retirement

2022

### (7.79.1.8) Were these credits issued to or purchased by your organization?

Select from:

Purchased

### (7.79.1.9) Carbon-crediting program by which the credits were issued

Select from:

ACR (American Carbon Registry)

### (7.79.1.10) Method the program uses to assess additionality for this project

Select all that apply

Consideration of legal requirements

Standardized Approaches

### (7.79.1.11) Approaches by which the selected program requires this project to address reversal risk

Select all that apply

No risk of reversal

### (7.79.1.12) Potential sources of leakage the selected program requires this project to have assessed

Select all that apply

Not assessed

### (7.79.1.13) Provide details of other issues the selected program requires projects to address

*Project proponents must only show their project falls into one of the Eligible Foam Applications of the Methodology. The Project is in the Rigid PU injected foam application within six sub-applications (Marine flotation or buoyancy, HVAC, Refrigerated transport, Small retail food refrigeration, Garage and entry doors, Industrial refrigeration systems. This is an eligible foam application under the Methodology.*

### (7.79.1.14) Please explain

*Serial numbers of credits and retirement date: ACR-US-833-2022-2-33-250001 to 2620000 (retired 12/19/2024) Adjustments made for credits: NA*

*[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 scope of our data collection in 2024 includes 15 sites composed of manufacturing, R&D, and distribution facilities in the United States (including Puerto Rico), Netherlands, United Kingdom, Ireland, Canada, and Singapore. These facilities account for approximately 87% of our operations based on square footage. The remaining 13% is primarily shared office and administrative spaces. Amgen is not a significant consumer of water in administrative spaces when compared to our manufacturing, R&D, and distribution facilities.*

##### (9.1.1.3) Reason for exclusion

Select from:

Other, please specify :The remaining 13% is primarily shared office and administrative spaces. Amgen is not a significant consumer of water in administrative spaces when compared to our manufacturing, R&D, and distribution facilities.

##### (9.1.1.7) Percentage of water volume the exclusion represents

Select from:

1-5%

### (9.1.1.8) Please explain

*The scope of our data collection in 2024 includes 15 sites composed of manufacturing, R&D, and distribution facilities in the United States (including Puerto Rico), Netherlands, United Kingdom, Ireland, Canada, and Singapore. These facilities account for approximately 87% of our operations based on square footage. The remaining 13% is primarily shared office and administrative spaces. Amgen is not a significant consumer of water in administrative spaces when compared to our manufacturing, R&D, and distribution facilities.*

[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:

Monthly

#### (9.2.3) Method of measurement

*Our total water withdrawals are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. Total water withdrawals are monitored by site water meters that enable real-time monitoring that is integrated into our building management and collected in our centralized data tracking system. Amgen tracks historical water consumption across our network, including a geographic footprint map for each site's water usage.*

#### (9.2.4) Please explain

*As a raw material, sourcing quality water is important for Amgen's business of discovering, developing, and manufacturing life-saving medicines. Potential supply restrictions from municipal water supplies could affect our manufacturing processes. We strive to use water efficiently by assessing and implementing water conservation and reuse strategies. Amgen's dedicated sustainability team manages water consumption data in our environmental sustainability management software. Our tracking of total water withdrawals allows us to incorporate sites' consumption and efficiency into management review dashboards and visualize building specific water consumption by site across our largest facilities, and annually our environmental data is verified by an independent third party and water withdrawal*

*total volumes are included in our Sustainability Highlights Report. Our 'total water withdrawals' KPI enables us to monitor consumption and benchmark water use efficiency consistently.*

## **Water withdrawals – volumes by source**

### **(9.2.1) % of sites/facilities/operations**

Select from:

76-99

### **(9.2.2) Frequency of measurement**

Select from:

Monthly

### **(9.2.3) Method of measurement**

*Our water withdrawals by source are regularly monitored and measured at our global manufacturing, R&D, and distribution facilities using utility water and internal groundwater withdrawal meters. This real-time monitoring is integrated with our building management system and collected in our centralized data tracking system. Annually, each of our sites performs a water balance that tracks the source and volume of our water withdrawals, and Amgen tracks historical site-specific water consumption.*

### **(9.2.4) Please explain**

*As a raw material, sourcing quality water is vital for Amgen's business of discovering, developing, and manufacturing life-saving medicines. Potential supply restrictions from municipal water supplies could affect our manufacturing processes. We strive to use water efficiently in our operations by assessing and implementing water conservation and reuse strategies including water-reduction projects. Our tracking of total water withdrawals in our operations allows us to incorporate sites' consumption and efficiency into management review dashboards and visualize building specific water consumption by site across our largest facilities. Amgen has a dedicated global sustainability team that regularly manages site-specific water consumption data by source in our environmental sustainability management software. Annually, we verify our environmental data by an independent third party and report water withdrawal total volumes in our Sustainability Highlights Report.*

## **Water withdrawals quality**

### **(9.2.1) % of sites/facilities/operations**

Select from:

26-50

### (9.2.2) Frequency of measurement

Select from:

Monthly

### (9.2.3) Method of measurement

*High- and ultra-high-purity water is essential for our manufacturing processes to produce our medicines. We continuously monitor the quality of our purchased water supplies at our manufacturing facilities and at other operations where water quality is important. As required, water monitoring is performed in compliance with regulations related to drinking water standards and pharmaceutical manufacturing.*

### (9.2.4) Please explain

*As a raw material, sourcing quality water is vital for Amgen's business of discovering, developing, and manufacturing life-saving medicines. Potential supply restrictions from municipal water supplies could affect our manufacturing processes. To mitigate our water footprint, we strive to use water efficiently in our operations by assessing, identifying, and implementing water conservation and reuse strategies that include water-reduction projects across our operations.*

## Water discharges – total volumes

### (9.2.1) % of sites/facilities/operations

Select from:

76-99

### (9.2.2) Frequency of measurement

Select from:

Daily

### (9.2.3) Method of measurement

*Our total water discharge volumes are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. Total water discharges are monitored by site water meters enabling real-time monitoring that is integrated into our building management and collected in our centralized system. Annually, each of our sites performs a water balance that tracks the total volume of water discharged.*

#### **(9.2.4) Please explain**

*Amgen has a global sustainability team that regularly collects, analyzes, verifies, and centralizes site-specific water discharges by volume in our environmental sustainability management software on an annual basis. Our tracking of total volumes of water discharges in our operations allows us to incorporate sites' consumption, efficiency, and water balances into management review dashboards and annually we verify our environmental data by an independent third party.*

### **Water discharges – volumes by destination**

#### **(9.2.1) % of sites/facilities/operations**

Select from:

76-99

#### **(9.2.2) Frequency of measurement**

Select from:

Daily

#### **(9.2.3) Method of measurement**

*Our total water discharges by destination are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. Total water discharges by destination are monitored by site water meters that enable real-time monitoring that is integrated into our building management and collected in our centralized system. Annually, each of our sites performs a water balance that tracks the total volume of water discharged by destination.*

#### **(9.2.4) Please explain**

*Amgen has a global sustainability team that regularly collects, analyzes, verifies, and centralizes site-specific water discharges volumes per destination in our environmental sustainability management software on an annual basis. Our tracking of water discharges - volumes by destination in our operations allows us to incorporate sites' consumption, efficiency, and water balances into management review dashboards and annually we verify our environmental data by an independent third party.*

### **Water discharges – volumes by treatment method**

### (9.2.1) % of sites/facilities/operations

Select from:

76-99

### (9.2.2) Frequency of measurement

Select from:

Daily

### (9.2.3) Method of measurement

*Our total water discharges by treatment method are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. Annually, each of our sites performs a water balance that assesses and confirms treatment methods in order to track the total volume of water discharged by treatment method at our sites.*

### (9.2.4) Please explain

*Our total water discharges by treatment method are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. Annually, each of our sites performs a water balance that assesses and confirms treatment methods in order to track the total volume of water discharged by treatment method at our sites.*

## Water discharge quality – by standard effluent parameters

### (9.2.1) % of sites/facilities/operations

Select from:

76-99

### (9.2.2) Frequency of measurement

Select from:

Quarterly

### (9.2.3) Method of measurement

*Our water discharge quality by standard effluent parameters is regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. We monitor and report standard effluent parameters where required by regulations.*

#### **(9.2.4) Please explain**

*Our water discharge quality by standard effluent parameters is regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. We monitor and report standard effluent parameters where required by regulations.*

### **Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)**

#### **(9.2.1) % of sites/facilities/operations**

*Select from:*

1-25

#### **(9.2.2) Frequency of measurement**

*Select from:*

Quarterly

#### **(9.2.3) Method of measurement**

*Our water discharge quality for emissions such as nitrates, phosphates, and other priority substances is measured and monitored in milligrams per liter at some of our manufacturing facilities on a quarterly basis as required by local wastewater regulatory agencies.*

#### **(9.2.4) Please explain**

*Our tracking of water discharge quality for emissions of some priority substances allows us to comply with local discharge permit and surcharge limitations. We mitigate these priority substances at some of our manufacturing sites by performing wastewater assessments, pre-treatment and/or segregation for off-site disposal.*

### **Water discharge quality – temperature**

#### **(9.2.1) % of sites/facilities/operations**

*Select from:*

26-50

## (9.2.2) Frequency of measurement

Select from:

Daily

## (9.2.3) Method of measurement

*Our water discharge temperatures are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. We monitor and report water discharge temperature where it is required by regulations.*

## (9.2.4) Please explain

*Our water discharge temperatures are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. We monitor and report water discharge temperature where it is required by regulations.*

## Water consumption – total volume

### (9.2.1) % of sites/facilities/operations

Select from:

76-99

### (9.2.2) Frequency of measurement

Select from:

Monthly

### (9.2.3) Method of measurement

*Our total water consumption is regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. Total water consumption is collected in our centralized data tracking system. Annually, each of our sites performs a water balance that tracks the total water consumption at our sites which enables us to benchmark progress and track our sites' water efficiency.*

### (9.2.4) Please explain

Amgen has a global sustainability team that regularly collects, analyzes, verifies, and centralizes site-specific water consumption data in our environmental sustainability management software on an annual basis. Our tracking of total water consumption volumes in our operations allows us to incorporate sites' consumption and efficiency, and water balances into management review dashboards and annually we verify our environmental data by an independent third party.

## Water recycled/reused

### (9.2.1) % of sites/facilities/operations

Select from:

76-99

### (9.2.2) Frequency of measurement

Select from:

Daily

### (9.2.3) Method of measurement

*Our water recycled/reused is regularly measured and monitored at our global manufacturing, R&D, and distribution facilities. Annually, each of our sites performs a water balance that tracks the total volume of water recycled/reused at our sites based on equipment and engineering calculations, like the recycle of reverse osmosis unit reject water and wastewater treatment plant reuse streams. Total water recycled/reused is collected in our centralized system to benchmark our water efficiency.*

### (9.2.4) Please explain

*The availability of sufficient amounts of recycled water is important in our operations. Using recycled water reduces our demand for water from local municipalities and aquifers. We identify and implement water conservation and reuse into our water-intensive systems where feasible. We use recycled and produced water in non-manufacturing operations like cooling towers and boilers; we reuse reverse osmosis reject water, we return and reuse steam condensate, and we optimize cycles of concentration on cooling towers, among other projects. Amgen has a global sustainability team that regularly collects, analyzes, verifies, and centralizes site-specific water recycling data in our environmental sustainability management software on an annual basis. Our tracking of water recycled/reused in our operations allows us to incorporate sites' consumption and efficiency, and water balances into management review dashboards and annually we verify our environmental data by an independent third party.*

## The provision of fully-functioning, safely managed WASH services to all workers

### (9.2.1) % of sites/facilities/operations

Select from:

100%

### (9.2.2) Frequency of measurement

Select from:

Continuously

### (9.2.3) Method of measurement

*Amgen staff are provided with water that is sourced from local drinking water purveyors and that is safe for drinking, sanitation, and hygiene.*

### (9.2.4) Please explain

*Amgen staff are provided with water that is sourced from local drinking water purveyors and that is safe for drinking, sanitation, and hygiene.*  
[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)

2188

### (9.2.2.2) Comparison with previous reporting year

Select from:

Higher

### (9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

#### (9.2.2.4) Five-year forecast

Select from:

Higher

#### (9.2.2.5) Primary reason for forecast

Select from:

Increase/decrease in business activity

#### (9.2.2.6) Please explain

*Total withdrawals were higher in 2024 than in 2023 due to increased business activity, including increased manufacturing output to serve more patients globally, our acquisition of Horizon Therapeutics plc, and our new manufacturing facility in Ohio. Water is an important resource for our operations to produce our medicines for our patients worldwide. We recognize that water is vital in every community in which we operate, so we strive to utilize water responsibly. We expect our increased business activity to increase our water consumption. While water withdrawals are expected to increase, we continue to make steady progress toward Amgen's 2027 target to reduce water consumption by 40% from our 2019 baseline. In 2024, we achieved 488,000 cubic meters (CM) of cumulative water reductions across the Amgen enterprise towards our goal to reduce 858,500 CM by 2027.*

### Total discharges

#### (9.2.2.1) Volume (megaliters/year)

1654

#### (9.2.2.2) Comparison with previous reporting year

Select from:

Higher

#### (9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

#### (9.2.2.4) Five-year forecast

Select from:

Higher

#### (9.2.2.5) Primary reason for forecast

Select from:

Increase/decrease in business activity

#### (9.2.2.6) Please explain

*Total discharges were higher in 2024 than in 2023 due to increased business activity that includes increased manufacturing output to serve more patients globally, our acquisition of Horizon Therapeutics plc and our new manufacturing facility in Ohio. Water is an important resource for our operations to produce our medicines for our patients worldwide. We recognize that water is vital in every community in which we operate, so we strive to utilize water responsibly. We expect our increased business activity to increase our water discharges. While water discharges are expected to increase, we continue to make steady progress toward Amgen's 2027 target to reduce water consumption by 40% from our 2019 baseline (considering only verified reduction projects and not changes associated with the contraction or expansion of the Company). In 2024, we achieved 488,000 CM of cumulative water reductions across the Amgen enterprise towards our goal to reduce 858,500 CM by 2027.*

### Total consumption

#### (9.2.2.1) Volume (megaliters/year)

545

#### (9.2.2.2) Comparison with previous reporting year

Select from:

Higher

#### (9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

#### (9.2.2.4) Five-year forecast

Select from:

Higher

#### (9.2.2.5) Primary reason for forecast

Select from:

Increase/decrease in business activity

#### (9.2.2.6) Please explain

*Total consumption was higher in 2024 than in 2023 due to increased business activity that includes increased manufacturing output to serve more patients globally, our acquisition of Horizon Therapeutics plc and our new manufacturing facility in Ohio. Water is an important resource for our operations to produce our medicines for our patients worldwide. We recognize that water is vital in every community in which we operate, so we strive to utilize water responsibly. We expect our increased business activity to increase our water consumption in the future. While water consumption is expected to increase, we continue to make steady progress toward Amgen's 2027 target to reduce water consumption by 858,500 CM. In 2024, we achieved 488,000 cumulative water reductions across the Amgen enterprise.*  
[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)

2040

### (9.2.4.3) Comparison with previous reporting year

Select from:

Higher

### (9.2.4.4) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

### (9.2.4.5) Five-year forecast

Select from:

Higher

### (9.2.4.6) Primary reason for forecast

Select from:

Increase/decrease in business activity

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

93.24

### (9.2.4.8) Identification tool

Select all that apply

WRI Aqueduct

WWF Water Risk Filter

### (9.2.4.9) Please explain

*Amgen recognizes that water is vital in every community in which we operate, so we strive to utilize water responsibly. Therefore, Amgen takes a holistic approach to our annual water-related risk assessment to improve our water stewardship in the communities in which we operate and to support our long-term direct business operations to serve our patients. In 2024, Amgen identified several sites in our operations located in water-stressed areas using the WWF Water Risk Filter and WRI*

*Aqueduct's Water Risk Atlas. Using the WWF Water Risk Filter's Basin & Organizational Risk Results, we identified Amgen sites with water stress using the Physical Basin Risk Score of 2.6 or higher (Medium Risk or Higher) which considers water availability, drought, flooding, water quality, and ecosystem services. Using the WRI Aqueduct Water Risk Atlas tool, we identified Amgen sites with water stress using a Water Stress Score of "Medium-High (20-40%) or higher. Our percentage of water withdrawals from water-stressed regions in 2024 was higher than in 2023 due to increased business activities as our volume driven growth aims to serve more patients globally, including our acquisition of Horizon Therapeutics plc and our new facility in Ohio. The WWF Water Risk Filter and the WRI Aqueduct Water Risk Atlas enable us to assess a range of water risks into our water-reduction strategy and helps us prioritize water-reduction projects at Amgen locations where water stress is most prevalent. Amgen Ecovation™ integrates innovation and sustainability into the upfront design and execution of our new laboratory, manufacturing, and administrative buildings, resulting in highly resource efficient biomanufacturing that reduces water consumption. In 2024, we continued our internal Sustainability Maturity Matrix created the year prior which outlines best practices for Amgen- sites to reduce water use. This tool also allows global implementation, measurement and tracking of these practices by site, as appropriate, and supports the sharing of lessons and ideas across sites. Amgen has also created an internal enterprise analytics tool to empower our facilities to visualize the different water-efficiency projects being executed across the network and historical water efficiency projects. This tool further enables the visualization of site-specific water consumption on a geographic map and building-specific water consumption for our largest facilities. In 2024, we achieved 488,000 CM of cumulative water reductions across the Amgen enterprise as we make steady progress towards our goal to reduce 858,500 CM by 2027. Water reductions across our Amgen network are primarily achieved through the implementation of water-efficiency projects, design of innovative new facilities, water treatment & recycling efforts, and other strategic initiatives such as the prioritization of our water-stressed sites. For instance, in 2024 we saved 91,000 CM of water via optimized control of an ultra-high-purity water production system at our Puerto Rico manufacturing facility.*  
[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)**

0.1

#### **(9.2.7.3) Comparison with previous reporting year**

Select from:

Higher

#### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

- Increase/decrease in business activity

#### (9.2.7.5) Please explain

*Rainwater is utilized at our new Waterford, Ireland site, which was part of the Horizon Therapeutics plc acquisition. Amgen's rainwater consumption makes up < 1% of Amgen's total water withdrawn.*

### Brackish surface water/Seawater

#### (9.2.7.1) Relevance

Select from:

- Not relevant

#### (9.2.7.5) Please explain

*Brackish surface water / seawater is not relevant because we do not currently withdraw from brackish surface water/seawater in our operations.*

### Groundwater – renewable

#### (9.2.7.1) Relevance

Select from:

- Relevant

#### (9.2.7.2) Volume (megaliters/year)

19

#### (9.2.7.3) Comparison with previous reporting year

Select from:

Higher

#### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

#### (9.2.7.5) Please explain

*Groundwater-Renewable, is utilized at two of our major manufacturing sites, which makes up < 1% of Amgen's total water withdrawn. Our withdrawal of renewable groundwater in 2024 was higher than in 2023 due to increased business activity to serve more patients, including increased manufacturing output, our acquisition of Horizon Therapeutics plc, and our new manufacturing facility in Ohio. For instance, we replaced existing water urinals with waterless urinals at one of the two manufacturing sites that utilize renewable groundwater.*

### Groundwater – non-renewable

#### (9.2.7.1) Relevance

Select from:

Not relevant

#### (9.2.7.5) Please explain

*Nonrenewable groundwater is not relevant because we do not currently withdraw from non-renewable ground water in our operations.*

### Produced/Entrained water

#### (9.2.7.1) Relevance

Select from:

Not relevant

#### (9.2.7.5) Please explain

*Produced / Entrained water is not relevant because we do not currently use Produced/Entrained water in our operations.*

## Third party sources

### (9.2.7.1) Relevance

Select from:

Relevant

### (9.2.7.2) Volume (megaliters/year)

2169

### (9.2.7.3) Comparison with previous reporting year

Select from:

Higher

### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

### (9.2.7.5) Please explain

*Water from third party municipal sources is an important element of producing our potentially life saving medicines. Our withdrawal of municipal water in 2024 was higher than in 2023 due to increased business activity, including increased manufacturing output to serve more patients globally, our acquisition of Horizon Therapeutics plc, and our new manufacturing facility in Ohio.*

*[Fixed row]*

## (9.2.8) Provide total water discharge data by destination.

### Fresh surface water

#### (9.2.8.1) Relevance

Select from:

Relevant but volume unknown

### (9.2.8.5) Please explain

*Amgen discharges stormwater and irrigation run-off to surface water. Our manufacturing sites provide engineered stormwater treatment controls prior to discharge to municipal stormwater drains.*

## Brackish surface water/seawater

### (9.2.8.1) Relevance

Select from:

Not relevant

### (9.2.8.5) Please explain

*Amgen does not discharge water to surface water. Amgen discharges primarily to third party municipal systems and secondarily to groundwater.*

## Groundwater

### (9.2.8.1) Relevance

Select from:

Relevant

### (9.2.8.2) Volume (megaliters/year)

196

### (9.2.8.3) Comparison with previous reporting year

Select from:

Higher

#### (9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

- Increase/decrease in business activity

#### (9.2.8.5) Please explain

*Landscape irrigation is discharged directly to the environment. Discharge to groundwater was higher in 2024 than 2023 due to increased business activity. In Ohio, post-construction native plants are being irrigated, but irrigation will not become part of routine operation. Our water discharge volumes are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities in real time by site water meters and integrated into our building management system. We invest in water-smart innovations like improving irrigation efficiency and using native and drought-tolerant landscapes. We continue to make steady progress toward our 2027 target to reduce water by 40% from a 2019 baseline (including only verified reduction projects, not changes associated with the contraction or expansion of the Company (e.g., excluding Horizon). In 2024, we achieved 488,000 CM of cumulative water reductions across the Amgen enterprise towards our goal to reduce 858,500 CM by 2027.*

#### Third-party destinations

#### (9.2.8.1) Relevance

Select from:

- Relevant

#### (9.2.8.2) Volume (megaliters/year)

1458

#### (9.2.8.3) Comparison with previous reporting year

Select from:

- Higher

#### (9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

- Increase/decrease in business activity

### (9.2.8.5) Please explain

*Most of our discharged water is treated at municipal Publicly Owned Treatment Works. Our total water discharge volumes are regularly measured and monitored at our global manufacturing, R&D, and distribution facilities by site water meters that enable real-time monitoring that is integrated into our building management system. In 2024 we continued implementing water-saving and water-efficiency projects across our network. Our discharged water was higher in 2024 than in 2023 due to increased business activity, including higher manufacturing output as we serve more patients globally, our investments in our new Ohio facility, and our Horizon acquisition. While we expect our increased business activity to increase our water consumption, we continue to make steady progress toward Amgen's 2027 target to reduce water consumption by 40% from our 2019 baseline. In 2024, we achieved 488,000 CM of cumulative water reductions across the Amgen enterprise towards our goal to reduce 858,500 CM by 2027*

*[Fixed row]*

### (9.2.9) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

#### Tertiary treatment

#### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Relevant

#### (9.2.9.2) Volume (megaliters/year)

336

#### (9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

Lower

#### (9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

Investment in water-smart technology/process

#### (9.2.9.5) % of your sites/facilities/operations this volume applies to

471

Public

Select from:

1-10

### (9.2.9.6) Please explain

*Tertiary treatment is conducted at our manufacturing facility in Puerto Rico and at our Singapore manufacturing facility. Both Puerto Rico and Singapore sites have their own wastewater treatment plant on-site that enables us to recapture and reuse water from different sources such as utility drains, process drains, and personnel use drains. Tertiary treatment was lower in 2024 than in 2023 as both sites aim to reduce their water consumption via water reduction and reuse projects. Both sites have biological and reverse osmosis wastewater treatment capabilities that are directly measured. All of our facilities are expected to maintain the necessary compliance as required by their local regulatory authorities in their respective geographical location. The volume of tertiary treatment discharged is expected to increase.*

## Secondary treatment

### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Relevant

### (9.2.9.2) Volume (megaliters/year)

337

### (9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

Higher

### (9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

### (9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

1-10

### (9.2.9.6) Please explain

*Secondary treatment is conducted at our manufacturing facility in Rhode Island, which provides secondary treatment to wastewater discharges. Secondary treatment wastewater volumes were higher in 2024 than in 2023 due to our increased manufacturing output to serve more patients globally. All our facilities are expected to maintain the necessary compliance as required by their local regulatory authorities in their respective geographical location. We anticipate that our secondary treatment wastewater volumes may increase due to our volume driven growth to reach more patients.*

### Primary treatment only

#### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Relevant

#### (9.2.9.2) Volume (megaliters/year)

757

#### (9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

Higher

#### (9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

#### (9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

61-70

### (9.2.9.6) Please explain

*Primary treatment is conducted in our direct operations as many of our sites have equalization tanks with neutralization capabilities. These systems discharge to municipal wastewater treatment plants. Primary treatment volumes were higher in 2024 than in 2023 because of increased business activity, including higher manufacturing output as we serve more patients globally, our investments in our new Ohio facility, and our Horizon Therapeutics plc acquisition. All our facilities are expected to maintain the necessary compliance as required by their local regulatory authorities in their respective geographical location. We anticipate that our primary treatment may increase due to the growth of our business.*

### Discharge to the natural environment without treatment

#### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Relevant

#### (9.2.9.2) Volume (megaliters/year)

196

#### (9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

Higher

#### (9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

#### (9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

31-40

### (9.2.9.6) Please explain

*Discharge to the natural environment without treatment is relevant because landscape irrigation at our sites is released directly to the environment. Water released into the natural environment without treatment was higher in 2024 than in 2023 because of increased business activity, including higher manufacturing output as we serve more patients globally, our investments in our new Ohio facility, and our Horizon Therapeutics plc acquisition. As aligned with our 2027 Environmental Sustainability Plan to reduce water by 40% from a 2019 baseline, we are investing in water-smart technologies/ processes in our operations such as the implementation of more efficient irrigation systems and incorporating native and drought tolerant landscape vegetation at our sites. For instance, our Thousand Oaks, California, campus, one of our most water-stressed sites, contains drought-tolerant plants to reduce our water consumption. All our facilities are expected to maintain the necessary compliance as required by their local regulatory authorities in their respective geographical location. We anticipate that our discharge to the natural environment without treatment may increase due to our volume driven growth to reach more patients.*

## **Discharge to a third party without treatment**

### **(9.2.9.1) Relevance of treatment level to discharge**

Select from:

Relevant

### **(9.2.9.2) Volume (megaliters/year)**

28

### **(9.2.9.3) Comparison of treated volume with previous reporting year**

Select from:

Higher

### **(9.2.9.4) Primary reason for comparison with previous reporting year**

Select from:

Increase/decrease in business activity

### **(9.2.9.5) % of your sites/facilities/operations this volume applies to**

Select from:

11-20

### **(9.2.9.6) Please explain**

*In 2024, discharge to a third party without treatment was higher than 2023 because of increased manufacturing output as we serve more patients globally, our investments in our new Ohio facility, and our Horizon Therapeutics plc acquisition. Discharge to a third party without treatment is relevant because some of our administrative and distribution facilities do not require pre-treatment prior to discharge to municipal wastewater treatment plants. For example, our site in Cambridge, United Kingdom is primarily an administrative Amgen site, so their water discharge goes without treatment to a third party for treatment. All our facilities are expected to maintain the necessary compliance as required by their local regulatory authorities in their respective geographical location. We anticipate that our discharge to a third party without treatment may increase.*

## Other

### (9.2.9.1) Relevance of treatment level to discharge

Select from:

Not relevant

### (9.2.9.6) Please explain

*No other discharges identified in scope.*

*[Fixed row]*

## **(9.2.10) Provide details of your organization's emissions of nitrates, phosphates, pesticides, and other priority substances to water in the reporting year.**

### (9.2.10.4) Please explain

*Amgen does not currently quantify emissions of nitrates, phosphates, pesticides, or other priority substances. We comply with local wastewater effluent limits, where applicable.*

*[Fixed row]*

## **(9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?**

### **Direct operations**

### (9.3.1) Identification of facilities in the value chain stage

Select from:

Yes, we have assessed this value chain stage and identified facilities with water-related dependencies, impacts, risks, and opportunities

### (9.3.2) Total number of facilities identified

2

### (9.3.3) % of facilities in direct operations that this represents

Select from:

1-25

### (9.3.4) Please explain

*Two of Amgen's 15 facility locations have substantive water-related dependencies, impacts, risks, and opportunities (Amgen Thousand Oaks located in Thousand Oaks, CA and AML in Juncos, Puerto Rico).*

## Upstream value chain

### (9.3.1) Identification of facilities in the value chain stage

Select from:

No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, but we are planning to do so in the next 2 years

### (9.3.4) Please explain

*Amgen plans to expand its water risk assessment to include key upstream value chain.  
[Fixed row]*

**(9.3.1) For each facility referenced in 9.3, provide coordinates, water accounting data, and a comparison with the previous reporting year.**

## Row 1

### (9.3.1.1) Facility reference number

Select from:

Facility 1

### (9.3.1.2) Facility name (optional)

*Amgen Manufacturing Limited*

### (9.3.1.3) Value chain stage

Select from:

Direct operations

### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

Risks

### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

Yes, withdrawals and discharges

### (9.3.1.7) Country/Area & River basin

Puerto Rico

Other, please specify :Rio Grande de Loíza

### (9.3.1.8) Latitude

18.2274

**(9.3.1.9) Longitude**

-65.92589

**(9.3.1.10) Located in area with water stress**

Select from:

Yes

**(9.3.1.13) Total water withdrawals at this facility (megaliters)**

641

**(9.3.1.14) Comparison of total withdrawals with previous reporting year**

Select from:

Lower

**(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

2

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

639

**(9.3.1.21) Total water discharges at this facility (megaliters)**

361

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Lower

**(9.3.1.23) Discharges to fresh surface water**

0

**(9.3.1.24) Discharges to brackish surface water/seawater**

0

**(9.3.1.25) Discharges to groundwater**

53

**(9.3.1.26) Discharges to third party destinations**

308

**(9.3.1.27) Total water consumption at this facility (megaliters)**

294

**(9.3.1.28) Comparison of total consumption with previous reporting year**

Select from:

Higher

### (9.3.1.29) Please explain

*According to the WWF Water Risk Filter tool, our Puerto Rico facility is located in a region with Medium Physical Basin Risk. The Physical Basin Risk category includes water availability, drought, flooding, water quality, and ecosystem services. Puerto Rico has been affected by natural disasters, including droughts in the mid-2010s and Hurricanes Maria in 2017 and Fiona in 2022, and earthquakes in 2020. These natural disasters have affected, and may continue to affect, public and private properties and Puerto Rico's electric grid and communications networks in the future. Further instability of the electric grid could require us to increase the use of our generators or to use them exclusively. Amgen has taken precautions to limit the impacts of storm events. For example, multiple engineering mitigation measures exist at the Puerto Rico facility to reduce water-related risks, and the site operates a combined heat and power plant and has emergency power generators for continuity of operations during an extreme weather event. The site also has an on-site wastewater treatment plant that treats and reuses water for industrial purposes, reducing reliance on municipal water. Two additional on-site water wells were also constructed to ensure capacity during low water supply periods.*

## Row 2

### (9.3.1.1) Facility reference number

Select from:

Facility 2

### (9.3.1.2) Facility name (optional)

*Amgen Thousand Oaks*

### (9.3.1.3) Value chain stage

Select from:

Direct operations

### (9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

Risks

### (9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

Yes, withdrawals and discharges

### (9.3.1.7) Country/Area & River basin

United States of America

Other, please specify :North Pacific - WWF Water Risk Filter

### (9.3.1.8) Latitude

34.192144

### (9.3.1.9) Longitude

-118.919522

### (9.3.1.10) Located in area with water stress

Select from:

Yes

### (9.3.1.13) Total water withdrawals at this facility (megaliters)

885

### (9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

Higher

### (9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

### (9.3.1.16) Withdrawals from brackish surface water/seawater

482

Public

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

0

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

885

**(9.3.1.21) Total water discharges at this facility (megaliters)**

739

**(9.3.1.22) Comparison of total discharges with previous reporting year**

Select from:

Higher

**(9.3.1.23) Discharges to fresh surface water**

0

**(9.3.1.24) Discharges to brackish surface water/seawater**

0

**(9.3.1.25) Discharges to groundwater**

**(9.3.1.26) Discharges to third party destinations**

627

**(9.3.1.27) Total water consumption at this facility (megaliters)**

146

**(9.3.1.28) Comparison of total consumption with previous reporting year**

Select from:

 Higher**(9.3.1.29) Please explain**

*Situation: Amgen operates R&D, manufacturing, commercial and warehouse operations in Thousand Oaks, California, and this location is vulnerable to wildfire risk. Temperature increases and lack of rainfall can exacerbate drought conditions that can extend the wildfire season, increasing the likelihood and severity of a fire event. Task: In 2023, Amgen performed a wide-ranging risk assessment to further our understanding of climate-related physical and transition risks across our value chain under multiple risk scenarios across short-, medium- and long-term timeframes. Action: The 2023 work included an assessment of risk at Amgen's Thousand Oaks facility. Results: Multiple engineering and disaster prevention measures are in place that reduce water reliance, for example improved reverse osmosis technologies, manufacturing process improvement such as clean-in-place (CIP) cycles, and landscape improvements.*

*[Add row]***(9.3.2) For the facilities in your direct operations referenced in 9.3.1, what proportion of water accounting data has been third party verified?****Water withdrawals – total volumes****(9.3.2.1) % verified**

Select from:

 76-100

### (9.3.2.2) Verification standard used

Amgen annually engages a third party to conduct an independent assurance of selected environmental data. The statement regarding 2024 data is available on amgen.com at: <https://wwwext.amgen.com/responsibility/>

### Water withdrawals – volume by source

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

Amgen annually engages a third party to conduct an independent assurance of selected environmental data. The statement regarding 2024 data is available on amgen.com at: <https://wwwext.amgen.com/responsibility/>

### Water withdrawals – quality by standard water quality parameters

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

Amgen annually engages a third party to conduct an independent assurance of selected environmental data. The statement regarding 2024 data is available on amgen.com at: <https://wwwext.amgen.com/responsibility/>

### Water discharges – total volumes

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

Amgen annually engages a third party to conduct an independent assurance of selected environmental data. The statement regarding 2024 data is available on amgen.com at: <https://wwwext.amgen.com/responsibility/>

### Water discharges – volume by destination

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

Amgen annually engages a third party to conduct an independent assurance of selected environmental data. The statement regarding 2024 data is available on amgen.com at: <https://wwwext.amgen.com/responsibility/>

### Water discharges – volume by final treatment level

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

Amgen annually engages a third party to conduct an independent assurance of selected environmental data. The statement regarding 2024 data is available on amgen.com at: <https://wwwext.amgen.com/responsibility/>

### Water discharges – quality by standard water quality parameters

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

Amgen annually engages a third party to conduct an independent assurance of selected environmental data. The statement regarding 2024 data is available on amgen.com at: <https://wwwext.amgen.com/responsibility/>

### Water consumption – total volume

#### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

Amgen annually engages a third party to conduct an independent assurance of selected environmental data. The statement regarding 2024 data is available on amgen.com at: <https://wwwext.amgen.com/responsibility/>  
[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:

Yes, CDP supply chain members buy goods or services from facilities listed in 9.3.1

### (9.4.1) Indicate which of the facilities referenced in 9.3.1 could impact a requesting CDP supply chain member.

#### Row 1

#### (9.4.1.1) Facility reference number

Select from:

Facility 1

#### (9.4.1.2) Facility name

### (9.4.1.3) Requesting member

Select from:

U.S. General Services Administration - OMB ICR #3090-0319

### (9.4.1.4) Description of potential impact on member

*Our Amgen Manufacturing Limited facility in Puerto Rico has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. For instance, Puerto Rico has been affected by natural disasters, including droughts in the mid-2010s and Hurricanes Maria in 2017 and Fiona in 2022, as well as earthquakes in 2020. These natural disasters have affected, and may continue to affect, public and private properties. These climate-related risks to our Puerto Rico facility have the potential to impact the operations of our peers with activities in Puerto Rico as well. While water-related climate risks are localized and have the potential to affect such communities, Amgen strives to continually improve our use of water resources within our communities in alignment with our 2027 Environmental Sustainability Plan to reduce water consumption by 40% from a 2019 baseline.*

### (9.4.1.5) Comment

## Row 2

### (9.4.1.1) Facility reference number

Select from:

Facility 1

### (9.4.1.2) Facility name

Amgen Manufacturing Limited

### (9.4.1.3) Requesting member

Select from:

United Health Group Inc

#### (9.4.1.4) Description of potential impact on member

*Our Amgen Manufacturing Limited facility in Puerto Rico has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. For instance, Puerto Rico has been affected by natural disasters, including droughts in the mid-2010s and Hurricanes Maria in 2017 and Fiona in 2022, as well as earthquakes in 2020. These natural disasters have affected, and may continue to affect, public and private properties. These climate-related risks to our Puerto Rico facility have the potential to impact the operations of our peers with activities in Puerto Rico as well. While water-related climate risks are localized and have the potential to affect such communities, Amgen strives to continually improve our use of water resources within our communities in alignment with our 2027 Environmental Sustainability Plan to reduce water consumption by 40% from a 2019 baseline.*

#### (9.4.1.5) Comment

### Row 3

#### (9.4.1.1) Facility reference number

Select from:

Facility 1

#### (9.4.1.2) Facility name

*Amgen Manufacturing Limited*

#### (9.4.1.3) Requesting member

Select from:

Loblaw Companies Limited

#### (9.4.1.4) Description of potential impact on member

*Our Amgen Manufacturing Limited facility in Puerto Rico has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. For instance, Puerto Rico has been affected by natural disasters, including droughts in the mid-2010s and Hurricanes Maria in 2017 and Fiona in 2022, as well as earthquakes in 2020. These natural disasters have affected, and may continue to affect, public and private properties. These climate-related risks to our Puerto Rico facility have the potential to impact the operations of our peers with activities in Puerto Rico as well. While water-related climate risks are localized and have the*

*potential to affect such communities, Amgen strives to continually improve our use of water resources within our communities in alignment with our 2027 Environmental Sustainability Plan to reduce water consumption by 40% from a 2019 baseline.*

#### **(9.4.1.5) Comment**

### **Row 4**

#### **(9.4.1.1) Facility reference number**

Select from:

Facility 1

#### **(9.4.1.2) Facility name**

*Amgen Manufacturing Limited*

#### **(9.4.1.3) Requesting member**

Select from:

Novartis

#### **(9.4.1.4) Description of potential impact on member**

*Our Amgen Manufacturing Limited facility in Puerto Rico has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. For instance, Puerto Rico has been affected by natural disasters, including droughts in the mid-2010s and Hurricanes Maria in 2017 and Fiona in 2022, as well as earthquakes in 2020. These natural disasters have affected, and may continue to affect, public and private properties. These climate-related risks to our Puerto Rico facility have the potential to impact the operations of our peers with activities in Puerto Rico as well. While water-related climate risks are localized and have the potential to affect such communities, Amgen strives to continually improve our use of water resources within our communities in alignment with our 2027 Environmental Sustainability Plan to reduce water consumption by 40% from a 2019 baseline.*

#### **(9.4.1.5) Comment**

## Row 5

### (9.4.1.1) Facility reference number

Select from:

Facility 1

### (9.4.1.2) Facility name

*Amgen Manufacturing Limited*

### (9.4.1.3) Requesting member

Select from:

Daiichi Sankyo Co., Ltd.

### (9.4.1.4) Description of potential impact on member

*Our Amgen Manufacturing Limited facility in Puerto Rico has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. For instance, Puerto Rico has been affected by natural disasters, including droughts in the mid-2010s and Hurricanes Maria in 2017 and Fiona in 2022, as well as earthquakes in 2020. These natural disasters have affected, and may continue to affect, public and private properties. These climate-related risks to our Puerto Rico facility have the potential to impact the operations of our peers with activities in Puerto Rico as well. While water-related climate risks are localized and have the potential to affect such communities, Amgen strives to continually improve our use of water resources within our communities in alignment with our 2027 Environmental Sustainability Plan to reduce water consumption by 40% from a 2019 baseline.*

### (9.4.1.5) Comment

## Row 6

### (9.4.1.1) Facility reference number

Select from:

Facility 2

### (9.4.1.2) Facility name

*Amgen, Thousand Oaks*

### (9.4.1.3) Requesting member

Select from:

U.S. General Services Administration - OMB ICR #3090-0319

### (9.4.1.4) Description of potential impact on member

*Amgen operates key R&D, manufacturing, and product warehouse operations at our headquarters in Thousand Oaks, California, a region prone to seasonal wildfire risk. This facility has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. A substantial disruption in our ability to operate our Thousand Oaks manufacturing facility could materially and adversely affect our ability to supply product candidates for our clinical trials, leading to delays in development of our product candidates. Temperature increases and lack of rainfall exacerbate drought conditions that can extend the wildfire season thus increasing likelihood and severity of a fire event. These climate-related risks to our Thousand Oaks facility have the potential to also significantly impact the operations of our peers with activities in California as well.*

### (9.4.1.5) Comment

## Row 7

### (9.4.1.1) Facility reference number

Select from:

Facility 2

### (9.4.1.2) Facility name

*Amgen, Thousand Oaks*

### (9.4.1.3) Requesting member

Select from:

United Health Group Inc

#### (9.4.1.4) Description of potential impact on member

*Amgen operates key R&D, manufacturing, and product warehouse operations at our headquarters in Thousand Oaks, California, a region prone to seasonal wildfire risk. This facility has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. A substantial disruption in our ability to operate our Thousand Oaks manufacturing facility could materially and adversely affect our ability to supply product candidates for our clinical trials, leading to delays in development of our product candidates. Temperature increases and lack of rainfall exacerbate drought conditions that can extend the wildfire season thus increasing likelihood and severity of a fire event. These climate-related risks to our Thousand Oaks facility have the potential to also significantly impact the operations of our peers with activities in California as well.*

#### (9.4.1.5) Comment

### Row 8

#### (9.4.1.1) Facility reference number

Select from:

Facility 2

#### (9.4.1.2) Facility name

*Amgen, Thousand Oaks*

#### (9.4.1.3) Requesting member

Select from:

Loblaw Companies Limited

#### (9.4.1.4) Description of potential impact on member

*Amgen operates key R&D, manufacturing, and product warehouse operations at our headquarters in Thousand Oaks, California, a region prone to seasonal wildfire risk. This facility has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. A substantial disruption in our ability to operate our Thousand Oaks manufacturing facility could materially and adversely affect our ability to supply product candidates for our clinical trials, leading to delays*

*in development of our product candidates. Temperature increases and lack of rainfall exacerbate drought conditions that can extend the wildfire season thus increasing likelihood and severity of a fire event. These climate-related risks to our Thousand Oaks facility have the potential to also significantly impact the operations of our peers with activities in California as well.*

#### **(9.4.1.5) Comment**

### **Row 11**

#### **(9.4.1.1) Facility reference number**

Select from:

Facility 1

#### **(9.4.1.2) Facility name**

*Amgen Manufacturing Limited*

#### **(9.4.1.3) Requesting member**

Select from:

CVS Health

#### **(9.4.1.4) Description of potential impact on member**

*Our Amgen Manufacturing Limited facility in Puerto Rico has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. For instance, Puerto Rico has been affected by natural disasters, including droughts in the mid-2010s and Hurricanes Maria in 2017 and Fiona in 2022, as well as earthquakes in 2020. These natural disasters have affected, and may continue to affect, public and private properties. These climate-related risks to our Puerto Rico facility have the potential to impact the operations of our peers with activities in Puerto Rico as well. While water-related climate risks are localized and have the potential to affect such communities, Amgen strives to continually improve our use of water resources within our communities in alignment with our 2027 Environmental Sustainability Plan to reduce water consumption by 40% from a 2019 baseline.*

#### **(9.4.1.5) Comment**

## Row 12

### (9.4.1.1) Facility reference number

Select from:

Facility 2

### (9.4.1.2) Facility name

*Amgen, Thousand Oaks*

### (9.4.1.3) Requesting member

Select from:

CVS Health

### (9.4.1.4) Description of potential impact on member

*Amgen operates key R&D, manufacturing, and product warehouse operations at our headquarters in Thousand Oaks, California, a region prone to seasonal wildfire risk. This facility has been identified as having substantive water-related dependencies, impacts, risks, and opportunities. A substantial disruption in our ability to operate our Thousand Oaks manufacturing facility could materially and adversely affect our ability to supply product candidates for our clinical trials, leading to delays in development of our product candidates. Temperature increases and lack of rainfall exacerbate drought conditions that extend the wildfire season thus increasing likelihood and severity of a fire event. These climate-related risks to our Thousand Oaks facility have the potential to also significantly impact the operations of our peers with activities in California as well.*

### (9.4.1.5) Comment

*[Add row]*

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

### (9.5.1) Revenue (currency)

**(9.5.2) Total water withdrawal efficiency**

15276051.19

**(9.5.3) Anticipated forward trend**

*In alignment with our 2027 Environmental Sustainability Plan to reduce water consumption by 40% from a 2019 baseline (considering only verified reduction projects), we seek to improve our water withdrawal efficiency with efforts that include implementation of water-efficiency projects, designing innovative new facilities, water treatment and recycling efforts, and other strategic initiatives. As our business expands to reach more patients, we anticipate that our water withdrawals may increase.*

*[Fixed row]*

**(9.12) Provide any available water intensity values for your organization's products or services.**

	Product name	Comment
Row 1	<i>Not applicable</i>	<i>Not applicable</i>

*[Add row]*

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

	Products contain hazardous substances	Comment
	Select from: <input checked="" type="checkbox"/> No	<i>No, our products do not contain hazardous products to assure patient safety.</i>

[Fixed row]

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

### (9.14.1) Products and/or services classified as low water impact

Select from:

Yes

### (9.14.2) Definition used to classify low water impact

*Products from our innovative biotechnology manufacturing facilities in Rhode Island and Singapore use less water to produce the same materials than traditional manufacturing facilities and therefore have a lower water footprint. In 2024, Singapore, reduced water usage by 41% from its 2019 baseline through innovative manufacturing technologies. The technology at these manufacturing facilities is also being incorporated into our new Ohio and North Carolina facilities. These newest facilities remain guided by Amgen Ecovation™, our approach to innovative and sustainable manufacturing. Amgen’s Environmental Sustainability program includes goals, strategies, and metrics to measure and track our progress in mitigating our overall environmental impact in capital projects.*

### (9.14.4) Please explain

*Our Singapore and Rhode Island manufacturing facilities were designed and built to minimize our environmental footprint. Our newest facilities, in Ohio and North Carolina, remain guided by Amgen Ecovation™, our approach to innovative and sustainable manufacturing which we embed into the upfront design, development and execution of all new laboratory, manufacturing, and administrative buildings. This approach underscores what is today, and has always been, distinctive about biomanufacturing at Amgen: our focus on highly innovative, efficient, safe, and environmentally sustainable operations – all in service of benefiting patients. Amgen’s Environmental Sustainability program includes goals, strategies, and metrics to measure and track our progress in mitigating our overall environmental impact in capital projects. We consider products from our innovative biotechnology manufacturing facilities to have lower water impacts than traditional facilities.*

[Fixed row]

**(9.15) Do you have any water-related targets?**

Select from:

Yes

**(9.15.1) Indicate whether you have targets relating to water pollution, water withdrawals, WASH, or other water-related categories.**

	Target set in this category	Please explain
Water pollution	Select from: <input checked="" type="checkbox"/> No, and we do not plan to within the next two years	<i>Amgen's wastewater is generally consistent with municipal wastewater due to segregation and proper disposal of unwanted constituents.</i>
Water withdrawals	Select from: <input checked="" type="checkbox"/> Yes	<i>Rich text input [must be under 1000 characters]</i>
Water, Sanitation, and Hygiene (WASH) services	Select from: <input checked="" type="checkbox"/> No, and we do not plan to within the next two years	<i>Amgen designs and operates its facilities to meet or exceed local wastewater discharge requirements.</i>
Other	Select from: <input checked="" type="checkbox"/> No, and we do not plan to within the next two years	<i>Not relevant.</i>

[Fixed row]

**(9.15.2) Provide details of your water-related targets and the progress made.**

**Row 1**

### (9.15.2.1) Target reference number

Select from:

Target 1

### (9.15.2.2) Target coverage

Select from:

Organization-wide (direct operations only)

### (9.15.2.3) Category of target & Quantitative metric

Water withdrawals

Reduction in total water withdrawals

### (9.15.2.4) Date target was set

01/01/2019

### (9.15.2.5) End date of base year

12/31/2019

### (9.15.2.6) Base year figure

2146000

### (9.15.2.7) End date of target year

12/31/2027

### (9.15.2.8) Target year figure

1287500

### (9.15.2.9) Reporting year figure

1657539

### (9.15.2.10) Target status in reporting year

Select from:

Underway

### (9.15.2.11) % of target achieved relative to base year

57

### (9.15.2.12) Global environmental treaties/initiatives/ frameworks aligned with or supported by this target

Select all that apply

Sustainable Development Goal 6

### (9.15.2.13) Explain target coverage and identify any exclusions

*The scope of our data collection in 2024 includes 15 sites composed of manufacturing, R&D, and distribution facilities in the United States (including Puerto Rico), Netherlands, United Kingdom, Ireland, Canada, and Singapore. These facilities account for approximately 87% of our operations based on square footage. The remaining 13% is primarily shared office and administrative spaces. Amgen is not a significant consumer of water in administrative spaces when compared to our manufacturing, R&D, and distribution facilities. Water and waste reductions are measured against a 2019 baseline and take into account only verified reduction projects and not changes associated with the contraction or expansion of the Company.*

### (9.15.2.14) Plan for achieving target, and progress made to the end of the reporting year

*Amgen is implementing water efficiency projects to achieve its 2027 water ambition. Examples include increasing the use of recycled water, implementing improved reverse osmosis technologies, improving manufacturing processes like clean-in-place (CIP) cycles, and installing low-flow fixtures and drought-friendly landscaping to reduce water consumption. Additionally, Amgen Ecovation™ integrates innovation and sustainability into the upfront design and execution of our new laboratory, manufacturing, and administrative buildings, resulting in reduced water consumption. In 2024, we continued our internal Sustainability Maturity Matrix that outlines best practices for sites to reduce water use. This tool also allows global implementation, measurement and tracking of these practices by site and supports idea exchange. In 2024, we achieved 488,000 CM of cumulative water reductions across the Amgen enterprise as we make steady progress toward our goal to reduce 858,500 CM by 2027.*

## (9.15.2.16) Further details of target

*Water reductions across our Amgen network are primarily achieved through the implementation of water-efficiency projects, design of innovative new facilities, water treatment and recycling efforts, and other strategic initiatives such as the prioritization of our water-stressed sites. For instance, in 2024 we saved 91,000 CM of water via optimized control of an ultra-high-purity water production at our Puerto Rico manufacturing facility. Amgen has created an internal enterprise analytics tool to empower our facilities to visualize the different water-efficiency projects being executed across the network and historical water efficiency projects. This tool further enables the visualization of site-specific water consumption on a geographic map and building-specific water consumption for our largest facilities. Cumulatively across the Amgen enterprise we achieved 488,000 CM of water reductions through our water efficiency/reduction projects in 2024.*

*[Add row]*

## C10. Environmental performance - Plastics

### (10.1) Do you have plastics-related targets, and if so what type?

#### (10.1.1) Targets in place

Select from:

Yes

#### (10.1.2) Target type and metric

Plastic packaging

Other plastic packaging target, please specify :Transition to a fully paper-based secondary packaging where possible

#### (10.1.3) Please explain

*We are executing on an initiative to transition secondary plastic packaging to 100% paper-based packaging where possible by 2030.*

*[Fixed row]*

### (10.2) Indicate whether your organization engages in the following activities.

#### Production/commercialization of plastic polymers (including plastic converters)

#### (10.2.1) Activity applies

Select from:

No

#### (10.2.2) Comment

N/A

## Production/commercialization of durable plastic goods and/or components (including mixed materials)

### (10.2.1) Activity applies

Select from:

No

### (10.2.2) Comment

N/A

## Usage of durable plastics goods and/or components (including mixed materials)

### (10.2.1) Activity applies

Select from:

Yes

### (10.2.2) Comment

*Amgen uses durable plastic goods in the manufacturing of our products as required by regulatory bodies. For instance, polystyrene plunger rods and polycarbonate in autoinjectors are used because of their chemical resistance.*

## Production/commercialization of plastic packaging

### (10.2.1) Activity applies

Select from:

No

### (10.2.2) Comment

N/A

## Production/commercialization of goods/products packaged in plastics

### (10.2.1) Activity applies

Select from:

Yes

### (10.2.2) Comment

*Many of our goods are packaged in plastic or the packaging contains plastic components to ensure the safety of the customer and proper delivery of the drug.*

## Provision/commercialization of services that use plastic packaging (e.g., food services)

### (10.2.1) Activity applies

Select from:

Yes

### (10.2.2) Comment

*We produce drugs that utilize plastic packaging like plastic tamper evident labels and plastic trays to keep the product in place during distribution.*

## Provision of waste management and/or water management services

### (10.2.1) Activity applies

Select from:

No

### (10.2.2) Comment

N/A

## Provision of financial products and/or services for plastics-related activities

### (10.2.1) Activity applies

Select from:

No

### (10.2.2) Comment

N/A

### Other activities not specified

### (10.2.1) Activity applies

Select from:

No

### (10.2.2) Comment

N/A

[Fixed row]

**(10.4) Provide the total weight of plastic durable goods and durable components produced, sold and/or used, and indicate the raw material content.**

### Durable goods and durable components used

### (10.4.1) Total weight during the reporting year (Metric tons)

3920

### (10.4.2) Raw material content percentages available to report

Select all that apply

% virgin fossil-based content

### (10.4.3) % virgin fossil-based content

100

### (10.4.7) Please explain

*This value incorporates the amount of plastic used in manufacturing of drug substance in Amgen-owned manufacturing facilities and the amount of plastic packaging in primary containers and secondary packaging used to safely deliver drugs to the patient from owned facilities.*

*[Fixed row]*

### (10.5) Provide the total weight of plastic packaging sold and/or used and indicate the raw material content.

#### Plastic packaging used

### (10.5.1) Total weight during the reporting year (Metric tons)

610

### (10.5.2) Raw material content percentages available to report

*Select all that apply*

% virgin fossil-based content

### (10.5.3) % virgin fossil-based content

100

### (10.5.7) Please explain

*Amgen packages drugs in a combination of paper and plastic packaging that includes necessary literature relating to the drug and its use. Currently, plastic packaging is not sourced from renewable or recycled sources due to potential quality impact uncertainty associated with non-virgin plastic.*

*[Fixed row]*

### (10.5.1) Indicate the circularity potential of the plastic packaging you sold and/or used.

## Plastic packaging used

### (10.5.1.1) Percentages available to report for circularity potential

Select all that apply

- % reusable
- % technically recyclable
- % recyclable in practice and at scale

### (10.5.1.2) % of plastic packaging that is reusable

0

### (10.5.1.3) % of plastic packaging that is technically recyclable

15

### (10.5.1.4) % of plastic packaging that is recyclable in practice at scale

0.4

### (10.5.1.5) Please explain

*Amgen products are packaged in a combination of paper and plastic configurations which hold different recyclability potential. These recyclability values only pertain to product packaging.*

*[Fixed row]*

**(10.6) Provide the total weight of waste generated by the plastic you produce, commercialize, use and/or process and indicate the end-of-life management pathways.**

## Usage of plastic

### (10.6.1) Total weight of waste generated during the reporting year (Metric tons)

**(10.6.2) End-of-life management pathways available to report**

Select all that apply

- Recycling
- Waste to Energy
- Incineration
- Landfill

**(10.6.4) % recycling**

60

**(10.6.6) % waste to energy**

29

**(10.6.7) % incineration**

0

**(10.6.8) % landfill**

11

**(10.6.12) Please explain**

*These numbers represent the total amount of plastic generated from drug substance manufacturing and plastic from primary containers and secondary packaging components. The End-of-Life pathway is only representative of drug substance plastics because Amgen is able to manage these pathways. Amgen provides recommendations for proper disposal of products/devices. Amgen provides and is part of consortia for device takeback programs, including mail-back for US home-administered sharps products.*

*[Fixed row]*

## C11. Environmental performance - Biodiversity

### (11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

#### (11.2.1) Actions taken in the reporting period to progress your biodiversity-related commitments

Select from:

- Yes, we are taking actions to progress our biodiversity-related commitments

#### (11.2.2) Type of action taken to progress biodiversity- related commitments

Select all that apply

- Land/water protection
- Land/water management
- Species management
- Education & awareness
- Other, please specify :Biodiversity risk assessments; Biodiversity Statement

[Fixed row]

### (11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	<b>Does your organization use indicators to monitor biodiversity performance?</b>
	<i>Select from:</i> <input checked="" type="checkbox"/> No, we do not use indicators, but plan to within the next two years

[Fixed row]

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

### Legally protected areas

#### (11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes (partial assessment)

#### (11.4.2) Comment

*In 2023, Amgen performed an initial gap analysis aligned with the Taskforce for Nature-Related Financial Disclosures framework to better understand potential areas to further protect nature and biodiversity. We completed a screening-level biodiversity risk assessment for 17 Amgen facilities and six supplier sites. The sites represent ecologically diverse regions and critical operations at each step of Amgen's value chain. This assessment is helping Amgen determine possible site-specific biodiversity risks and opportunities and will form the foundation for prioritizing future action. In 2024, Amgen performed a WWF Biodiversity Risk Filter assessment to identify prioritized, function-based site biodiversity risks and impacts for key sites. We also performed a multi-factor site biodiversity area species impact assessment for Thousand Oaks, California, Singapore, and Juncos, Puerto Rico sites to guide awareness and stakeholder engagement.*

### UNESCO World Heritage sites

#### (11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes (partial assessment)

#### (11.4.2) Comment

*In 2023, Amgen performed an initial gap analysis aligned with the Taskforce for Nature-Related Financial Disclosures framework to better understand potential areas to further protect nature and biodiversity. We completed a screening-level biodiversity risk assessment for 17 Amgen facilities and six supplier sites. The sites represent ecologically diverse regions and critical operations at each step of Amgen's value chain. This assessment is helping Amgen determine possible site-specific biodiversity risks and opportunities and will form the foundation for prioritizing future action. In 2024, Amgen performed a WWF Biodiversity Risk Filter assessment to*

identify prioritized, function-based site biodiversity risks and impacts for key sites. We also performed a multi-factor site biodiversity area species impact assessment for Thousand Oaks, California, Singapore, and Juncos, Puerto Rico sites to guide awareness and stakeholder engagement.

## UNESCO Man and the Biosphere Reserves

### (11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes (partial assessment)

### (11.4.2) Comment

*In 2023, Amgen performed an initial gap analysis aligned with the Taskforce for Nature-Related Financial Disclosures framework to better understand potential areas to further protect nature and biodiversity. We completed a screening-level biodiversity risk assessment for 17 Amgen facilities and six supplier sites. The sites represent ecologically diverse regions and critical operations at each step of Amgen's value chain. This assessment is helping Amgen determine possible site-specific biodiversity risks and opportunities and will form the foundation for prioritizing future action. In 2024, Amgen performed a WWF Biodiversity Risk Filter assessment to identify prioritized, function-based site biodiversity risks and impacts for key sites. We also performed a multi-factor site biodiversity area species impact assessment for Thousand Oaks, California, Singapore, and Juncos, Puerto Rico sites to guide awareness and stakeholder engagement.*

## Ramsar sites

### (11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes (partial assessment)

### (11.4.2) Comment

*In 2023, Amgen performed an initial gap analysis aligned with the Taskforce for Nature-Related Financial Disclosures framework to better understand potential areas to further protect nature and biodiversity. We completed a screening-level biodiversity risk assessment for 17 Amgen facilities and six supplier sites. The sites represent ecologically diverse regions and critical operations at each step of Amgen's value chain. This assessment is helping Amgen determine possible site-specific biodiversity risks and opportunities and will form the foundation for prioritizing future action. In 2024, Amgen performed a WWF Biodiversity Risk Filter assessment to identify prioritized, function-based site biodiversity risks and impacts for key sites. We also performed a multi-factor site biodiversity area species impact assessment for Thousand Oaks, California, Singapore, and Juncos, Puerto Rico sites to guide awareness and stakeholder engagement.*

## Key Biodiversity Areas

### (11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes (partial assessment)

### (11.4.2) Comment

*In 2023, Amgen performed an initial gap analysis aligned with the Taskforce for Nature-Related Financial Disclosures framework to better understand potential areas to further protect nature and biodiversity. We completed a screening-level biodiversity risk assessment for 17 Amgen facilities and six supplier sites. The sites represent ecologically diverse regions and critical operations at each step of Amgen's value chain. This assessment is helping Amgen determine possible site-specific biodiversity risks and opportunities and will form the foundation for prioritizing future action. In 2024, Amgen performed a WWF Biodiversity Risk Filter assessment to identify prioritized, function-based site biodiversity risks and impacts for key sites. We also performed a multi-factor site biodiversity area species impact assessment for Thousand Oaks, California, Singapore, and Juncos, Puerto Rico sites to guide awareness and stakeholder engagement.*

## Other areas important for biodiversity

### (11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes (partial assessment)

### (11.4.2) Comment

*In 2023, Amgen performed an initial gap analysis aligned with the Taskforce for Nature-Related Financial Disclosures framework to better understand potential areas to further protect nature and biodiversity. We completed a screening-level biodiversity risk assessment for 17 Amgen facilities and six supplier sites. The sites represent ecologically diverse regions and critical operations at each step of Amgen's value chain. This assessment is helping Amgen determine possible site-specific biodiversity risks and opportunities and will form the foundation for prioritizing future action. In 2024, Amgen performed a WWF Biodiversity Risk Filter assessment to identify prioritized, function-based site biodiversity risks and impacts for key sites. We also performed a multi-factor site biodiversity area species impact assessment for Thousand Oaks, California, Singapore, and Juncos, Puerto Rico sites to guide awareness and stakeholder engagement.*

[Fixed row]

### C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

	Other environmental information included in your CDP response is verified and/or assured by a third party
	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(13.1.1) Which data points within your CDP response are verified and/or assured by a third party, and which standards were used?

#### Row 1

##### (13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply

Climate change

##### (13.1.1.2) Disclosure module and data verified and/or assured

Environmental performance – Climate change

All data points in module 7

##### (13.1.1.3) Verification/assurance standard

General standards

ISAE 3000

#### (13.1.1.4) Further details of the third-party verification/assurance process

*Amgen assures environmental sustainability (ES) data on an annual basis that includes +80 metrics in energy, carbon, water, waste, and safety by a third-party external auditor. Amgen's 2024 ES data assurance statement can be found on Amgen.com. These verified environmental data are used to respond to CDP questions. All data is housed in our environmental data management system and verified by two subject matter experts in global corporate engineering.*

#### (13.1.1.5) Attach verification/assurance evidence/report (optional)

*amgen-env-data-assurance-statement-2024.pdf*

### Row 2

#### (13.1.1.1) Environmental issue for which data has been verified and/or assured

*Select all that apply*

Water

#### (13.1.1.2) Disclosure module and data verified and/or assured

Environmental performance – Water security

All data points in module 9

#### (13.1.1.3) Verification/assurance standard

General standards

ISAE 3000

#### (13.1.1.4) Further details of the third-party verification/assurance process

Amgen assures environmental sustainability (ES) data on an annual basis that includes +80 metrics in energy, carbon, water, waste, and safety by a third-party external auditor. Amgen's 2024 ES data assurance statement can be found under the responsibilities on Amgen.com. These verified environmental data are used to respond to CDP questions. All data are housed in our environmental data management system and verified by two subject matter experts in global corporate engineering.

### (13.1.1.5) Attach verification/assurance evidence/report (optional)

*amgen-env-data-assurance-statement-2024.pdf*

[Add row]

**(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.**

	Additional information
	Not applicable

[Fixed row]

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

### (13.3.1) Job title

*Senior Director of Engineering*

### (13.3.2) Corresponding job category

Select from:

Environment/Sustainability manager

[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:*

Yes, CDP may share our Disclosure Submission Lead contact details with the Pacific Institute

