GRANULES INDIA LIMITED

2024 CDP Corporate Questionnaire 2024

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.
Terms of disclosure for corporate questionnaire 2024 - CDP

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Contents

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:

☑ INR

(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

Established in 1991, Granules India Limited is a vertically integrated pharmaceutical company headquartered in Telangana, India, with its registered office in Madhapur, Hyderabad. Granules is committed to providing safe, effective, and affordable medicines to those in need. Over the years, the company has successfully expanded into major international pharmaceutical markets, including the United States, Canada, Latin America, Europe, the Asia-Pacific region, and India. Granules' extensive product portfolio includes Active Pharmaceutical Ingredients (API), Pharmaceutical Formulation Intermediates (PFI), Finished Dosages, and High-Potency Products. Granules India Limited is publicly traded on the Bombay Stock Exchange (BSE: GRANULES) and the National Stock Exchange of India (NSE: GRANULES). Certifications and Policies Granules India Limited is ISO 9001, ISO 14001, and ISO 45001 certified across all its manufacturing sites, with the exception of one location. These certifications highlight our dedication to quality management, environmental responsibility, and occupational health and safety. Additionally, the company follows robust policies related to environmental management, sustainability, waste management, biodiversity preservation, a green supply chain, a net-zero roadmap, Product Carbon Footprint (PCF) assessments, and Corporate Social Responsibility (CSR). Business Verticals Granules India is one of the largest manufacturers of key drugs such as paracetamol, metformin, ibuprofen, guaifenesin, and methocarbamol. The company is vertically integrated across these key molecules and is a pioneer in the commercialization of PFIs for large-volume drugs. Granules has also developed APIs and forward integrated into finished dosages, extending into the Oncology Therapeutic Segment. Recently, the company has focused on building complex Multiple Unit Pellet System (MUPS) capabilities and exploring effective drug delivery systems. Locations Granules operates six manufacturing units across Hyderabad and Visakhapatnam, India, and one facility abroad

in Virginia, USA. The Indian units include Bonthapally (API facility), Jeedimetla (Multi-Product API and PFI facility), Gagillapur (Finished Dosage and PFI facility), Bonthapally (API Intermediates facility), and two Paravada sites (API and FD facilities). In the USA, Granules' Chantilly, Virginia facility is focused on R&D and the commercialization of oral solid dosages under the "Make in America" initiative. Sustainability and Green Initiatives Granules India's sustainability strategy emphasizes environmental responsibility, including waste reduction, water management improvements, and energy efficiency. The company is enhancing its eco-friendly product portfolio to support long-term growth in global markets while maintaining a strong commitment to sustainability. Granules is dedicated to pioneering green science by reducing its environmental footprint through cutting-edge technologies and the development of environmentally friendly APIs and formulations. The company's purpose is to "heal lives responsibly through pioneering green science." Granules' vision is to lead the green chemical and pharmaceutical industry by utilizing advanced technologies to improve quality of life. The core value of Environmental Stewardship shapes the company's actions and decision-making processes. Sustainability Governance and Goals Granules India is actively building a comprehensive sustainability governance structure, engaging stakeholders, setting clear ESG goals, and ensuring transparency in sustainability efforts. With R&D initiatives and innovations, the company focuses on sustainable practices and technologies. As part of its commitment to sustainability, Granules assesses the Product Carbon Footprint (PCF) of its products, further demonstrating its dedication to ESG metrics and green production. Our Values: Our actions are governed by our principal Values. Environmental Stewardship has been integrated as a core value within our organization, ensuring that the Sustainability agenda takes center stage in shaping day-to-day behaviours and actions across the company 1. Challenging limits 2. Futuristic Thinking 3. Customer Driven 4. Empowering Employees 5. Quality Everywhere 6. Environmental Stewardship Our Sustainability Ambition We set ambitious near and long-term goals across the areas of ESG by actively listening to our stakeholders. We aim to: · Be Net Zero by 2050 · Scale Green Chemistry product development
[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

03/30/2024

(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:

☑ 2 years

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

Select from:

☑ 2 years

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

Select from:

☑ 2 years

[Fixed row]

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

45064000000

(1.5) Provide details on your reporting boundary.

	Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?
	Select from: ☑ Yes

[Fixed row]

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

	Does your organization use this unique identifier?	Provide your unique identifier
ISIN code - equity	*Select from:* ☑ Yes	*INE101D01020*
D-U-N-S number	*Select from:* ☑ Yes	*91-500-0087*

[Add row]

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

Select all that apply

☑ India

☑ United States of America

(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 4+ suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:

☑ All supplier tiers known have been mapped

(1.24.7) Description of mapping process and coverage

This process involves documenting all activities from raw material sourcing through each supply chain tier, including Tier 4 suppliers, to the final product delivery. It starts by identifying all suppliers, from Tier 1 (direct suppliers) to Tier 4 (raw materials or precursor chemicals suppliers), crucial for Granules due to the complexity of pharmaceutical ingredients and products. The mapping includes collecting data on resources, time, costs, and sustainability impacts at every tier. This tracks raw material procurement, input transformation, and final product distribution, helping Granules optimize quality, cost-efficiency, and regulatory compliance. It also ensures the supply chain contributes to operational success, which is essential in the pharmaceutical industry. By mapping the value chain, Granules can assess and monitor the environmental and social impacts of its supply chain activities. Incorporating sustainability metrics enables the company to evaluate how suppliers and sub-suppliers align with its ESG goals. Granules' sustainability focus, including policies on biodiversity, waste management, and green supply chains, is integrated into value chain management. Transparency and traceability across all supply chain levels are critical for Granules. Regular audits and assessments ensure compliance with internal standards and external regulations, helping mitigate risks related to supplier operations, regulatory changes, and market dynamics. This process strengthens relationships with suppliers and ensures high ethical and operational standards throughout production and delivery. Granules India's continuous monitoring and updating of the value chain map allow it to remain agile in response to regulatory changes, market demands, and supply chain innovations. This adaptability ensures the company maintains product quality and safety while sustaining its leadership in the global pharmaceutical market.
[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

☑ End-of-life management

(1.24.1.4) End-of-life management pathways mapped

Select all that apply

☑ Recycling

[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)

5

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

In the short term, Granules India prioritizes immediate operational improvements, particularly in compliance with regulatory standards and optimizing production processes. Dependencies include the availability of key raw materials, energy, and water resources, along with waste management challenges. The company has implemented various initiatives to reduce its environmental impact, such as enhancing resource efficiency and adopting sustainable waste management practices. Granules also aims to ensure adherence to its environmental and social standards through its Sustainable Procurement Policy. Opportunities within this horizon include improving operational efficiency, implementing eco-friendly packaging solutions, and accelerating progress toward carbon footprint reduction.

Medium-term

(2.1.1) From (years)

5

(2.1.3) To (years)

10

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

In the medium term, Granules India expands its focus to broader environmental goals and regulatory compliance, especially as global standards evolve. Granules is advancing its net-zero roadmap with specific targets for energy efficiency, water conservation, and emissions reduction. The company plans to widen the scope of its Product Carbon Footprint (PCF) assessments across its product range to mitigate environmental impacts. In this period, the company will strengthen its sustainability initiatives, aiming to meet intermediate targets on its way to achieving net-zero emissions by 2050. Risks may include shifts in global regulatory landscapes, market pressures for sustainable products, and increasing demands for transparency in environmental performance.

Long-term

(2.1.1) From (years)

10

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

Select from:

☑ No

(2.1.3) To (years)

30

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

Over the long term, Granules India is committed to achieving net-zero emissions by 2050, a goal that aligns with the company's vision of becoming a leader in sustainable pharmaceutical manufacturing. Granules will integrate green chemistry principles and environmentally friendly practices across all operations, ensuring minimal environmental impact while maintaining product quality and competitiveness. The long-term risks include the effects of climate change on operations, evolving global health needs, and stringent environmental regulations. However, this period also presents significant opportunities, including the development of new, sustainable pharmaceutical products, deeper integration of green technologies, and global leadership in the green chemical and pharmaceutical sector with Granules CZRO initiative.
[Fixed row]

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

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

[Fixed row]

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

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

[Fixed row]

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

Row 1

(2.2.2.1) Environmental issue

Select all that apply

☑ Climate change

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

Select all that apply

☑ Dependencies

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

☑ Downstream value chain

(2.2.2.4) Coverage

Select from:

☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply

☑ Tier 1 suppliers

☑ Tier 2 suppliers

☑ Tier 3 suppliers

☑ Tier 4+ 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

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

☑ Local

☑ National

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ ISO 31000 Risk Management Standard

International methodologies and standards

☑ ISO 14001 Environmental Management Standard

☑ Life Cycle Assessment

Databases

☑ Nation-specific databases, tools, or standards

Other

☑ External consultants

☑ Internal company methods

☑ Materiality assessment

☑ Scenario analysis

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Customers

☑ Employees

☑ Investors

☑ Suppliers

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

Select from:

☑ No

(2.2.2.16) Further details of process

Granules India Limited employs a robust process for managing climate-related dependencies, focusing on assessing risks and opportunities across its value chain. The company adheres to ISO 31000 Risk Management standards, which guide its environmental management practices. Granules conducts both qualitative and quantitative assessments annually, incorporating a life cycle approach to evaluate the environmental impacts from raw material sourcing to the end-of-life phase of its products. Additionally, the company leverages nation-specific tools and databases for accurate climate risk modeling, scenario analysis, and materiality assessments. The process includes close collaboration with external consultants and internal teams to ensure alignment with regulatory requirements and industry best practices. Stakeholder engagement plays a vital role, with feedback collected from customers, employees, investors, and suppliers to refine strategies. This comprehensive approach ensures that the company's climate change response is well-integrated into its overall risk management and sustainability framework.

Row 2

(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

☑ Impacts

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

☑ Downstream value chain

(2.2.2.4) Coverage

Select from:

☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply

☑ Tier 1 suppliers

☑ Tier 2 suppliers

☑ Tier 3 suppliers

☑ Tier 4+ 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

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

☑ Local

☑ National

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ ISO 31000 Risk Management Standard

International methodologies and standards

☑ ISO 14001 Environmental Management Standard

☑ Life Cycle Assessment

Databases

☑ Nation-specific databases, tools, or standards

Other

☑ External consultants

☑ Internal company methods

☑ Materiality assessment

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Customers

☑ Employees
☑ Investors
☑ Suppliers

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

Select from:
☑ No

(2.2.2.16) Further details of process

We assesses the impacts of climate change across its entire value chain, from direct operations to Tier 4 suppliers. These assessments are conducted annually and focus on both qualitative and quantitative indicators. Using the ISO 31000 Risk Management, the company tracks key environmental metrics such as greenhouse gas emissions, energy use, and water management. Granules India engages external consultants and applies life cycle assessments (LCA) to evaluate the long-term impacts on its production processes, ensuring alignment with industry standards. The process also involves the use of nation-specific databases and tools to monitor climate-related impacts at the local, national, and international levels. Feedback is regularly collected from key stakeholders, including customers, employees, investors, and suppliers, to ensure a broad perspective on the impacts. The company's internal methods are enhanced through continual refinement to adapt to the changing climate landscape.

Row 3

(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
☑ Risks

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations
☑ Upstream value chain
☑ Downstream value chain

(2.2.2.4) Coverage

Select from:
☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply
☑ Tier 1 suppliers
☑ Tier 2 suppliers
☑ Tier 3 suppliers
☑ Tier 4+ 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

☑ National

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ ISO 31000 Risk Management Standard

International methodologies and standards

☑ ISO 14001 Environmental Management Standard

☑ Life Cycle Assessment

Databases

☑ Nation-specific databases, tools, or standards

Other

☑ External consultants

☑ Internal company methods

☑ Materiality assessment

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Flood (coastal, fluvial, pluvial, ground water)

Chronic physical

☑ Increased severity of extreme weather events

Policy

☑ Carbon pricing mechanisms

☑ Changes to national legislation

☑ Lack of mature certification and sustainability standards

Market

☑ Availability and/or increased cost of certified sustainable material

☑ Availability and/or increased cost of raw materials

Reputation

☑ Impact on human health

Technology

☑ Unsuccessful investment in new technologies

Liability

☑ Non-compliance with regulations

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Customers

☑ Employees

☑ Investors

☑ Suppliers

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

Select from:

☑ No

(2.2.2.16) Further details of process

We have integrated climate-related risks into its organization-wide risk management process. This includes a comprehensive analysis of both physical risks, such as extreme weather events, and transition risks, such as carbon pricing and regulatory changes. The company assesses climate risks across direct operations and its entire supply chain, including Tier 4 suppliers, using qualitative and quantitative tools. Key risk factors considered include disruptions to the supply of raw materials, potential regulatory non-compliance, and health impacts on employees and customers. Granules leverages ISO 31000 Risk Management and life cycle assessments to manage these risks while incorporating external consultants and nation-specific data for accurate risk analysis. Stakeholders, including suppliers, investors, and employees, are engaged in this risk management process to ensure alignment with best practices. The process remains consistent year-over-year but is continuously improved based on evolving risk profiles and emerging challenges.

Row 4

(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

☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

☑ Downstream value chain

(2.2.2.4) Coverage

Select from:

☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply

☑ Tier 1 suppliers

☑ Tier 2 suppliers

☑ Tier 3 suppliers

☑ Tier 4+ 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

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

☑ Local

☑ National

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ ISO 31000 Risk Management Standard

International methodologies and standards

☑ ISO 14001 Environmental Management Standard

☑ Life Cycle Assessment

Databases

☑ Nation-specific databases, tools, or standards

Other

☑ External consultants

☑ Internal company methods

☑ Materiality assessment

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Customers

☑ Employees

☑ Investors

☑ Suppliers

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

Select from:

☑ No

(2.2.2.16) Further details of process

We consider climate change as an opportunity to innovate and enhance sustainable practices. The company identifies opportunities across its value chain, including reducing operational costs through energy efficiency, adopting renewable energy, and enhancing green chemistry initiatives. These opportunities are assessed annually using both qualitative and quantitative measures, with a strong focus on long-term growth. Granules applies ISO 31000 Risk Management and life cycle assessments to evaluate how it can capitalize on market opportunities, such as expanding its portfolio of environmentally friendly products. External consultants and internal methods are used to explore new technologies and sustainable solutions, while engaging key stakeholders such as customers, investors, and suppliers. The company's focus on sustainability not only mitigates risks but also enhances its competitive advantage in the global market.
[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

At Granules, we employ a holistic approach to assess the interconnections between our environmental dependencies, impacts, risks, and opportunities. We begin by examining our reliance on environmental factors such as water, energy, and raw materials, which helps us pinpoint potential vulnerabilities and areas for resource optimization. We then evaluate the direct and indirect impacts of our operations, including emissions, waste, and resource consumption, to understand our environmental footprint and identify opportunities for reduction. Our risk assessment involves analyzing potential threats related to these dependencies and impacts, such as regulatory shifts, resource scarcity, and supply chain disruptions. This includes scenario planning to anticipate future challenges. Concurrently, we explore opportunities for improvement by assessing how mitigating environmental impacts and addressing risks can lead to operational efficiencies, cost savings, and stronger stakeholder relationships. We integrate data from various sources, engage cross-functional teams, and continuously monitor changes to provide a comprehensive view of these interconnections. This integrated approach allows us to make informed decisions that enhance our sustainability performance, mitigate risks, and leverage opportunities, supporting our long-term sustainability objectives and ensuring we remain agile in a dynamic environmental landscape.
[Fixed row]

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

(2.3.1) Identification of priority locations

Select from:
☑ Yes, we have identified 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 of limited water availability, flooding, and/or poor quality of water

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

☑ Locations with substantive dependencies, impacts, risks, and/or opportunities relating to water

(2.3.4) Description of process to identify priority locations

Granules has undertaken a comprehensive TCFD (Task Force on Climate-related Financial Disclosures) assessment to identify all priority locations across its value chain, including key suppliers. This assessment involved a detailed mapping of the entire value chain, covering both upstream and downstream operations. Granules considered various climate scenarios, specifically RCP 4.5 (which assumes moderate climate change mitigation) and RCP 8.5 (which projects higher levels of emissions and more severe climate impacts). The evaluation focused on identifying potential risks related to water availability, drought, flooding, extreme heat, cyclones, and seismic activity. By proactively assessing these risks, Granules aims to build resilience and ensure business continuity, while also aligning with global best practices for climate risk management. This approach allows the company to prioritize risk mitigation efforts in the most vulnerable locations and safeguard both operational efficiency and supply chain stability in the face of future climate challenges. Enclosed a detailed report(ref. page no. 10 for spatial map)

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

Select from:

☑ Yes, we will be disclosing the list/geospatial map of priority locations

(2.3.6) Provide a list and/or spatial map of priority locations

Granules TCFD FY24.pdf
[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:

☑ Capital expenditures

(2.4.3) Change to indicator

Select from:

☑ % increase

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

(2.4.7) Application of definition

At Granules India, we apply this definition to evaluate the potential impact of climate-related risks on our capital investments. This allows us to strategically allocate resources towards mitigation and adaptation strategies, ensuring that our capital expenditures are directed towards minimizing exposure to climate risks. Our long-term financial planning and operational sustainability are guided by these assessments.

Opportunities

(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:

☑ % decrease

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

(2.4.7) Application of definition

This definition is used to assess how climate-related opportunities can lead to a reduction in direct operating costs. At Granules, we focus on implementing energy-efficient and resource-optimizing measures to lower costs while maintaining operational excellence. These assessments guide our transition toward sustainable technologies and cost-effective operations.

Risks

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Indirect operating costs

(2.4.3) Change to indicator

Select from:

☑ % increase

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

(2.4.7) Application of definition

Granules India applies this definition to monitor the potential impact of climate risks on indirect operating costs, including logistics and supply chain disruptions. This helps us develop resilient strategies for managing costs and maintaining operational continuity, especially in the face of climate-induced challenges.

Risks

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Production capacity

(2.4.3) Change to indicator

Select from:

☑ % decrease

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Likelihood of effect occurring

(2.4.7) Application of definition

We utilize this definition to assess how climate-related risks may affect our production capacity. By integrating these assessments into our risk management processes, we can ensure the resilience of our manufacturing operations and prepare contingency plans to mitigate potential disruptions.

Risks

(2.4.1) Type of definition

Select all that apply

☑ Qualitative
☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:
☑ Revenue

(2.4.3) Change to indicator

Select from:
☑ % decrease

(2.4.4) % change to indicator

Select from:
☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply
☑ Likelihood of effect occurring

(2.4.7) Application of definition

At Granules, we apply this definition to evaluate how climate risks could impact our revenue streams. This allows us to proactively adjust our business strategies, pricing, and market focus to mitigate the financial impact and secure sustainable revenue growth.

Risks

(2.4.1) Type of definition

Select all that apply
☑ Qualitative
☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Shareholder value

(2.4.3) Change to indicator

Select from:

☑ % decrease

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

(2.4.7) Application of definition

This definition is used by Granules India to assess the potential effect of climate risks on shareholder value. We ensure transparency with our investors by aligning our risk management strategies with their expectations, thereby safeguarding long-term shareholder value.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Market share

(2.4.3) Change to indicator

Select from:

☑ % increase

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

(2.4.7) Application of definition

Granules India uses this definition to assess how climate-related opportunities, such as our sustainability initiatives, can help increase our market share. By capitalizing on the growing demand for environmentally responsible products, we integrate these opportunities into our market expansion strategies.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Indirect operating costs

(2.4.3) Change to indicator

Select from:

☑ % decrease

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

(2.4.7) Application of definition

We apply this definition to assess how adopting sustainable practices can reduce our indirect operating costs, such as logistics and supply chain efficiencies. Granules India leverages these assessments to optimize our operations and achieve long-term cost savings.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Shareholder value

(2.4.3) Change to indicator

Select from:

☑ % increase

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Time horizon over which the effect occurs

(2.4.7) Application of definition

At Granules India, we use this definition to evaluate how climate-related opportunities, such as our innovations in sustainability, can enhance shareholder value. These assessments enable us to drive long-term value creation for our investors by aligning business growth with environmental responsibility.
[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?

	Environmental risks identified
Climate change	*Select from:* ☑ Yes, both in direct operations and upstream/downstream value chain
Plastics	*Select from:* ☑ Yes, both in direct operations and upstream/downstream 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

Policy
☑ Changes to national legislation

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ India

(3.1.1.9) Organization-specific description of risk

Changes in national legislation can affect asset value due to increased regulatory compliance costs and potential obsolescence of assets. For our company, modifications to regulations governing existing products and services may lead to heightened compliance expenses and adjustments in operations. These changes can also impact shareholder value, as market reactions to higher operational costs and potential reductions in profitability could depress stock prices. Additionally, direct operations may face disruptions, elevated compliance costs, and necessary alterations in supply chain processes to align with the new regulatory standards.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Fines, penalties or enforcement orders

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

Select all that apply

☑ Long-term

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

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Medium

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

The risk of changes in national legislation can have significant long-term effects on an organization's financial position, performance, and cash flow. When new laws introduce fines or penalties for non-compliance, the company's financial position may weaken due to an increase in liabilities, as these penalties add to operational costs. Over time, this can erode profitability and equity, particularly if the organization faces recurring penalties or needs to invest heavily in legal compliance efforts. Performance can also suffer as regulatory changes may disrupt operations, requiring costly modifications to systems or processes. These adjustments could delay business activities or lead to operational inefficiencies, ultimately impacting revenue and profitability. Furthermore, cash flow is directly affected as penalties or fines reduce available cash, and the need for immediate investments in compliance measures can drain reserves. Over the long term, the organization's financial flexibility may be constrained, limiting its ability to fund growth initiatives, reinvest in operations, or make strategic investments. Together, these factors introduce financial volatility and can undermine the organization's overall financial health and sustainability.

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

Select from:

☑ Yes

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

10000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

40000000

(3.1.1.25) Explanation of financial effect figure

anticipated Maximum 1% of Profit after Tax

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Greater compliance with regulatory requirements

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Costs include legal consultations, compliance audits, and system upgrades necessary for adherence to new regulations.

(3.1.1.29) Description of response

Implementing enhanced compliance protocols and reporting mechanisms to ensure adherence to evolving legislation.

Plastics

(3.1.1.1) Risk identifier

Select from:

☑ Risk9

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Changes to national legislation

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ End-of-life management

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ India

(3.1.1.9) Organization-specific description of risk

Changes in national legislation can affect asset value due to increased regulatory compliance costs and potential obsolescence of assets. For our company, modifications to regulations governing existing products and services may lead to heightened compliance expenses and adjustments in operations.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased compliance costs

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

Select all that apply

☑ Long-term

☑ The risk has already had a substantive effect on our organization in the reporting year

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

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Low

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

400000

(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

Changes in legislation regarding plastics may have a relatively low financial impact on an organization's overall financial position, performance, and cash flow. While new regulations can introduce fines or penalties for non-compliance, the financial burden may be manageable if the organization is well-prepared. Operational adjustments to meet regulatory demands can be streamlined to minimize inefficiencies, reducing potential disruptions to revenue. Additionally, cash flow may remain stable, as any penalties or compliance investments can be strategically planned and budgeted for, lessening immediate financial strain. To further mitigate risks, organizations can implement Extended Producer Responsibility (EPR) programs, proactively managing the entire lifecycle of their plastic products. By investing in sustainable practices like recycling initiatives and product redesign for recyclability, companies can ensure compliance while potentially lowering future liabilities. Collaborating with stakeholders, such as local governments and recycling facilities, can enhance waste management systems and foster community support. In summary, while legislative changes present some challenges, proactive measures like EPR programs can help organizations maintain financial stability and promote long-term sustainability in a dynamic regulatory environment.

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Greater compliance with regulatory requirements

(3.1.1.29) Description of response

To mitigate these risks, Granules implement Extended Producer Responsibility (EPR) program, taking responsibility for the entire lifecycle of their plastic products. By investing in sustainable practices like recycling initiatives and product redesign for recyclability, organizations can enhance compliance and reduce liabilities.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Changes to regulation of existing products and services

(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

☑ India

(3.1.1.9) Organization-specific description of risk

Changes in regulation governing existing products and services may constrain our growth. Compliance with new standards could increase operational costs and delay product launches.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Constraint to growth

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

Select all that apply

☑ Long-term

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

Select from:

☑ About as likely as not

(3.1.1.14) Magnitude

Select from:

☑ Medium-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

For Granules, changes to the regulation of existing products or services can significantly impact its financial position, performance, and cash flow, particularly by constraining growth. If regulatory bodies introduce stricter controls or alter approval processes for its existing product portfolio, Granules may face delays in bringing its products to market or incur additional costs to meet new compliance standards. This can weaken the company's financial position, as the potential for revenue generation is limited by slower growth in product sales and reduced market opportunities. In terms of performance, tighter regulations can hinder Granules' ability to scale or expand into new markets, as existing products may need to be re-evaluated or modified to meet new criteria. This could result in higher research and development costs and operational inefficiencies, reducing overall profitability and diminishing key performance indicators such as market share and return on investment. Additionally, as the pharmaceutical industry relies on innovation and product pipelines to fuel growth, changes in regulation can limit the company's ability to launch new products, further slowing down growth prospects. Cash flow may also be adversely affected, as increased regulatory hurdles can necessitate greater investments in compliance, testing, and product modifications, diverting cash that could otherwise be used for growth initiatives or reinvestment. If existing products are restricted or withdrawn from the market, Granules could experience a direct loss in revenue, which would put pressure on cash reserves. In the long term, these regulatory changes could lead to a more conservative growth outlook, reducing the company's ability to compete and expand its market presence.

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

Select from:

☑ Yes

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

10000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

40000000

(3.1.1.25) Explanation of financial effect figure

Anticipated Maximum 1% of Profit after Tax

(3.1.1.26) Primary response to risk

Diversification

☑ Develop new products, services and/or markets

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Costs estimated from R&D investments for adapting products and training sessions for staff on new regulations.

(3.1.1.29) Description of response

Creating and modifying products and conducting training for employees to ensure compliance with new regulations.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Market

☑ Lack of availability and/or increased cost of certified sustainable material

(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

☑ India

(3.1.1.9) Organization-specific description of risk

Increased production costs due to the lack of availability of certified sustainable materials can impact our production processes and profit margins, requiring increased supplier diversification.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased production 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

☑ Medium-term

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

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Medium

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

The lack of availability and increased cost of certified sustainable materials in the upstream value chain poses a significant risk, particularly through its impact on production costs. As the demand for sustainably sourced raw materials grows, limited availability could drive up prices, leading to increased procurement costs. This would weaken the company's financial position, as higher material costs directly affect the cost of goods sold (COGS), reducing margins and profitability. If Granules is unable to effectively manage these rising costs, its overall financial health may deteriorate, making it harder to maintain competitive pricing and profitability levels. From a performance perspective, increased production costs due to expensive sustainable materials could limit Granules' ability to compete in the market, especially

if competitors are able to source materials more efficiently or pass on lower costs to consumers. This may result in reduced market share and profitability, particularly in price-sensitive segments of the pharmaceutical industry. Additionally, any delays in securing sustainable materials could lead to supply chain disruptions, impacting production timelines and causing potential delays in product delivery to customers. Such inefficiencies would further affect operational performance and customer satisfaction. Regarding cash flow, the higher upfront costs for sustainable materials could strain liquidity, especially if the company needs to invest more capital to secure adequate supplies or find alternative sources. Increased spending on raw materials may reduce the cash available for other critical areas such as research and development, operational expansion, or strategic investments. In the long term, if Granules is unable to mitigate these upstream supply chain risks, it could face sustained pressure on production costs, affecting both its financial flexibility and ability to invest in future growth. This may also impact the company's commitment to sustainability if rising costs become unsustainable, creating a challenging balance between meeting environmental standards and maintaining profitability.

(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)

5000000

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

20000000

(3.1.1.25) Explanation of financial effect figure

Anticipated 0.5% of PAT

(3.1.1.26) Primary response to risk

Diversification

☑ Increase supplier diversification

(3.1.1.27) Cost of response to risk

1000000

(3.1.1.28) Explanation of cost calculation

Costs calculated from expenses for sourcing new suppliers and conducting sustainability audits on their practices.

(3.1.1.29) Description of response

Building relationships with a wider range of suppliers to ensure access to certified sustainable materials.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk4

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Flooding (coastal, fluvial, pluvial, groundwater)

(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

☑ India

(3.1.1.9) Organization-specific description of risk

Flooding poses a risk of closure of operations, leading to production disruptions and significant financial losses. Developing flood emergency plans is essential to mitigate this risk.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Closure of operations

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

Select all that apply

☑ Long-term

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

Select from:

☑ Very unlikely

(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

The risk of flooding affecting its direct operations and causing closure poses a serious threat to the company's financial position, performance, and cash flow. Flooding can disrupt manufacturing and distribution facilities, potentially leading to temporary or even prolonged shutdowns. This would immediately weaken the company's financial position by halting production, resulting in lost revenue and increased costs associated with repairs, recovery, and potentially relocating affected operations. If the company is unable to operate at full capacity, it could face difficulty meeting customer demand, leading to potential contract penalties or loss of key business relationships. In terms of performance, the impact of flooding on Granules' operations could result in substantial operational inefficiencies. Delays in production could lead to supply shortages, damaging the company's reputation for reliability and reducing its competitiveness in the market. Additionally, product launch schedules could be disrupted, impacting long-term revenue growth, especially if key products are delayed from entering the market. The costs associated with recovery from such natural disasters, such as repairing damaged facilities and equipment, could also further strain the company's profitability. From a cash flow perspective, the financial strain caused by a flood-related closure can be significant. Unexpected costs, such as facility repairs, equipment replacement, and emergency logistics, may deplete cash reserves. Additionally, with production halted, there would be a shortfall in revenue generation, which could strain the company's ability to meet its financial obligations, such as paying suppliers, employees, and other operational expenses. If insurance coverage is insufficient to cover the full extent of the damage, Granules may face even greater pressure on liquidity, potentially limiting its ability to invest in future growth or recovery initiatives. Over the long term, repeated incidents of flooding could lead to higher insurance premiums and operational costs, further eroding the company's financial resilience.

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

Select from:

☑ Yes

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

2000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

60000000

(3.1.1.25) Explanation of financial effect figure

Considered Maximum 3 days business interruption for Vizag locations

(3.1.1.26) Primary response to risk

Policies and plans

☑ Develop flood emergency plans

(3.1.1.27) Cost of response to risk

500000

(3.1.1.28) Explanation of cost calculation

Estimated costs for developing and implementing an emergency response plan, including training resources for staff.

(3.1.1.29) Description of response

Creating a comprehensive flood risk management plan to prepare for potential flooding events.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk5

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Lack of mature certification and sustainability standards

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Downstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ India

(3.1.1.9) Organization-specific description of risk

The absence of mature certification standards may lead to decreased shareholder value due to potential inconsistencies in sustainability practices throughout our value chain.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decrease in shareholder value

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

Select all that apply

☑ Long-term

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

Select from:

☑ 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

the risk of a lack of mature certification and sustainability standards in the downstream value chain can have a significant impact on the company's financial position, performance, and shareholder value. As stakeholders increasingly prioritize sustainability and ethical practices, the absence of robust standards could harm the company's reputation, leading to decreased investor confidence and a potential drop in stock price. This would weaken Granules' financial position by reducing access to investment capital and increasing pressure to adopt more transparent practices, which may require additional costs in monitoring and compliance efforts. In terms of performance, the lack of standardized sustainability practices in the downstream supply chain could create inefficiencies or challenges in maintaining product credibility in markets where consumers and regulators are demanding higher levels of accountability. This could limit Granules' ability to differentiate its products as sustainable or ethically sourced, reducing its competitive advantage and growth potential. Failure to meet emerging market expectations for sustainable products could also result in lost sales opportunities or even exclusion from certain market segments, further dampening performance and revenue growth. Cash flow could be indirectly affected as the company might need to invest heavily in creating its own sustainability frameworks or in partnerships that ensure better downstream compliance. These efforts could require significant resource allocation, diverting funds from core operational or expansion activities. Additionally, the reputational risk associated with weak sustainability practices downstream could lead to increased scrutiny from investors and regulatory bodies, potentially resulting in lower valuation and decreased shareholder confidence. In the long term, the lack of mature sustainability standards downstream could have a ripple effect, ultimately reducing Granules' shareholder value. Investors increasingly favor companies with strong environmental, social, and governance (ESG) credentials, and Granules could find itself at a disadvantage compared to peers who have better-managed supply chains with clear sustainability certifications. This would not only diminish investor trust but also potentially lead to lower stock prices, restricted access to capital, and difficulty in attracting long-term, sustainability-focused investors.

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

Select from:

☑ Yes

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

5000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

10000000

(3.1.1.25) Explanation of financial effect figure

Considered 0.25% of PAT as impact

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Promotion of best practice and awareness in the value chain

(3.1.1.27) Cost of response to risk

500000

(3.1.1.28) Explanation of cost calculation

Costs based on developing training programs and resources to promote best practices across the supply chain.

(3.1.1.29) Description of response

Initiating training sessions and workshops for suppliers on sustainable practices and certifications.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk6

(3.1.1.3) Risk types and primary environmental risk driver

Liability

☑ Non-compliance with legislation

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ India

(3.1.1.9) Organization-specific description of risk

Non-compliance with environmental legislation may lead to decreased access to capital. Increased regulatory scrutiny emphasizes the importance of maintaining compliance.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decreased access to capital

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

Select all that apply

☑ Long-term

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

Select from:

☑ More likely than 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

The risk of changes in national legislation affecting direct operations in the long term can have profound consequences for the company's financial position, performance, and cash flow. New or evolving regulations, such as stricter pharmaceutical standards, changes in drug approval processes, or increased environmental compliance requirements, could significantly disrupt the company's operations. These regulatory changes may impose new obligations, forcing Granules to adjust its manufacturing processes, upgrade facilities, or invest in new technologies to remain compliant. These changes could lead to increased operational costs, weakening the company's financial position over time. From a performance standpoint, stricter or more complex regulations could lead to operational inefficiencies, delays in production, or interruptions in the supply chain. Granules might face longer timelines to bring products to market or need to halt production to ensure compliance with new standards, negatively affecting revenue growth. Additionally, non-compliance with new legislation could result in fines, penalties, or even legal action, all of which would further erode profitability and damage the company's reputation in the industry. Regarding cash flow, the long-term impact of regulatory changes could result in higher costs for compliance, legal consultation, and operational adjustments, which would strain liquidity. Granules may need to invest significantly in upgrading systems, training employees, or obtaining necessary certifications, diverting funds from other growth or research initiatives. In extreme cases, the company could face production stoppages or product recalls due to non-compliance, leading to a direct loss of revenue and cash flow disruptions. In the long term, persistent changes in national legislation could introduce uncertainty, making financial planning more difficult and limiting the company's ability to invest in innovation and expansion. These factors could also deter potential investors, reducing overall shareholder value and financial flexibility.

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

Select from:

☑ Yes

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

5000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

10000000

(3.1.1.25) Explanation of financial effect figure

Considered 0.25% of PAT as impact

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Greater compliance with regulatory requirements

(3.1.1.27) Cost of response to risk

1000000

(3.1.1.28) Explanation of cost calculation

Estimated costs for hiring external auditors and conducting compliance training for employees to ensure adherence to regulations.

(3.1.1.29) Description of response

Conducting regular compliance audits and training sessions for employees to ensure adherence to regulations.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk7

(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:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ India

(3.1.1.9) Organization-specific description of risk

The implementation of carbon pricing mechanisms could lead to increased indirect operating costs. It necessitates adjustments in our operational strategies to mitigate the financial impact.

(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

☑ Long-term

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

Select from:

☑ More likely than 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

The introduction of a carbon pricing mechanism in its direct operations could significantly increase indirect costs over the long term, impacting the company's financial position, performance, and cash flow. A carbon pricing mechanism, such as a carbon tax or cap-and-trade system, would impose costs on greenhouse gas

emissions, driving up operational expenses, especially for energy-intensive processes. These added costs could weaken Granules' financial position by increasing the overall cost of production and reducing profit margins, particularly if the company is unable to pass these costs on to customers through higher pricing. In terms of performance, the increased cost burden from carbon pricing could diminish Granules' competitiveness, especially in markets where competitors have more energy-efficient operations or access to cleaner, less expensive energy sources. This could lead to reduced profitability as operational costs rise without a corresponding increase in revenue. Additionally, the need to reduce emissions in compliance with carbon pricing regulations may require Granules to invest in energy-efficient technologies or renewable energy sources, diverting resources from other critical areas such as research and development or market expansion. Cash flow would be directly impacted as Granules would need to allocate a portion of its budget to cover carbon-related costs, potentially straining liquidity over time. The company may also face increased capital expenditure if it opts to invest in emissions reduction technologies or carbon offset programs to mitigate the cost impact of the carbon pricing mechanism. These investments, while necessary for long-term sustainability, could put pressure on short-term cash reserves. Furthermore, if Granules is slow to adapt to a carbon pricing regime, it risks accumulating higher costs over time, further eroding its financial flexibility and limiting its ability to invest in growth opportunities. In the long run, failure to effectively manage carbon-related costs could affect overall profitability and reduce shareholder value, especially as stakeholders increasingly prioritize companies with strong environmental credentials.

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

Select from:

☑ Yes

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

10000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

40000000

(3.1.1.25) Explanation of financial effect figure

Considered Max 1% of PAT as impact

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☑ Greater compliance with regulatory requirements

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

Estimated costs for implementing energy-efficient technologies and processes to reduce overall emissions and comply with carbon pricing mechanisms.

(3.1.1.29) Description of response

Investing in energy-efficient technologies and processes to mitigate costs associated with carbon pricing.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk8

(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

☑ India

(3.1.1.9) Organization-specific description of risk

The intensity and frequency of tropical cyclones is expected to rise in the Bay of Bengal which can disrupt or delay the manufacturing processes (due to property and/or infrastructure damages, or repairs, freshwater availability, etc.) and further lead to the supply chain disruptions such as transportation networks (e.g. delaying delivery of raw materials to sites or finished products).

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Closure of operations

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

Select all that apply

☑ Long-term

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

Select from:

☑ Very unlikely

(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

The risk of cyclones or hurricanes affecting direct operations and causing closures can have severe long-term impacts on the company's financial position, performance, and cash flow. These natural disasters can disrupt the company's manufacturing plants, distribution centers, and supply chains, potentially leading to temporary or prolonged shutdowns. Such closures would directly weaken Granules' financial position as production halts, resulting in significant revenue losses and potentially incurring high recovery costs, such as repairs to damaged facilities, equipment replacement, or relocation of critical operations. In terms of performance, cyclones or hurricanes can create severe operational inefficiencies, delaying production and product deliveries. This could lead to a loss of market share if Granules is unable to meet demand in a timely manner, especially in competitive markets where continuity of supply is critical. Furthermore, repeated operational disruptions due to natural disasters can damage the company's reputation, leading to lost contracts or strained relationships with key customers. The time and resources required to recover from such events could reduce profitability and impact performance metrics, including revenue growth and return on investment. From a cash flow perspective, the financial strain from such natural disasters can be considerable. The immediate costs of repairs, employee safety measures, and temporary

shutdowns would reduce available cash reserves. Additionally, recovery efforts may require significant capital outlays, putting further strain on liquidity. Depending on the scale of the damage, Granules could face higher insurance premiums in the future, further increasing operational costs. If insurance coverage is inadequate, the company may be forced to cover a substantial portion of the recovery costs from its own resources, putting pressure on cash flow. In the long term, frequent exposure to such risks could also deter potential investors and lead to decreased shareholder value, as Granules' operations would be seen as vulnerable to climate-related disruptions, limiting its ability to grow and expand sustainably.

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

Select from:

☑ Yes

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

2000000

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

6000000

(3.1.1.25) Explanation of financial effect figure

Considered max 3 days business impact

(3.1.1.26) Primary response to risk

Policies and plans

☑ Increase insurance coverage

(3.1.1.27) Cost of response to risk

5000000

(3.1.1.28) Explanation of cost calculation

Cost calculation for cyclone-related impacts involves estimating expenses incurred due to operational disruptions, including repairs to damaged facilities, equipment replacement, and loss of production during shutdowns. Direct costs would include labor and materials needed for recovery efforts, while indirect costs could encompass increased insurance premiums and temporary labor for recovery. Accurately calculating these costs is essential for assessing financial risk and planning for future resilience.

(3.1.1.29) Description of response

The risk of cyclones impacting Granules' operations involves potential disruptions that could lead to facility damage, production shutdowns, and significant financial losses. In response to this risk, the company may choose to increase its insurance coverage to mitigate the financial impact of such natural disasters. Enhanced insurance coverage would provide a safety net, helping to cover repair costs, lost revenue during operational closures, and other related expenses. By investing in comprehensive insurance policies, Granules can better safeguard its financial position against the unpredictable nature of cyclones, ensuring that it remains resilient and capable of quickly recovering from adverse events while maintaining stakeholder confidence.
[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

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

10000000

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:
☑ Less than 1%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

5000000

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☑ Less than 1%

(3.1.2.7) Explanation of financial figures

The calculated figures represent the degree to which the organization's financial metrics are exposed to the substantive effects of environmental risks. These include factors such as extreme weather events, regulatory changes, resource scarcity, and shifts in market demand due to climate change. The figures quantify both the absolute amount and the proportion of the financial metrics that are vulnerable.

Climate change

(3.1.2.1) Financial metric

Select from:

☑ CAPEX

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

500000000

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:

☑ 1-10%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

50000000

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:
☑ 1-10%

(3.1.2.6) Amount of CAPEX in the reporting year deployed towards risks related to this environmental issue

95000000

(3.1.2.7) Explanation of financial figures

For Green Molecule plant,Zero Liquid Discharge Plant and Roof Top Solar plant and other Energy initiatives

Climate change

(3.1.2.1) Financial metric

Select from:
☑ OPEX

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

10000000

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:
☑ 1-10%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

5000000

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☑ 1-10%

(3.1.2.7) Explanation of financial figures

The calculated figures represent the degree to which the organization's financial metrics are exposed to the substantive effects of environmental risks. These include factors such as extreme weather events, regulatory changes, resource scarcity, and shifts in market demand due to climate change. The figures quantify both the absolute amount and the proportion of the financial metrics that are vulnerable.
[Add row]

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

Select from:

☑ No, but we anticipate being regulated in the next three years

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

Granules India Limited has a proactive and multi-faceted strategy for compliance with current and anticipated regulations. We have set our Net Zero target year for 2050, demonstrating our commitment to long-term sustainability. Additionally, we plan to align with the TCFD framework and SBTi targets in the next two years. Granules' strategy for complying with the Emission Trading System (ETS) regulations involves a proactive and multi-faceted approach. We closely monitor regulatory developments and anticipate changes in emissions requirements to ensure early compliance. To manage our emissions effectively, we invest in energy-efficient technologies, optimize production processes, and implement best practices to reduce greenhouse gas emissions across our operations. Additionally, we establish internal emissions targets aligned with ETS requirements and conduct regular audits to track our performance against these goals. We also engage with relevant stakeholders, including regulatory bodies and industry peers, to stay informed about potential changes in the ETS framework. Through these efforts, we aim to minimize our carbon footprint, reduce compliance costs, and maintain alignment with current and future ETS regulations.

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

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

[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

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

☑ India

(3.6.1.8) Organization specific description

We have initiated a comprehensive transition to renewable energy sources, significantly lowering our operational costs and enhancing overall efficiency. This strategic shift not only aligns with our sustainability goals but has already yielded a noticeable reduction in our indirect operating costs.

(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

☑ The opportunity has already had a substantive effect on our organization in the reporting year

(3.6.1.12) Magnitude

Select from:

☑ Medium

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

The transition to renewable energy is expected to lead to a significant reduction in operating costs due to decreased reliance on conventional energy sources and increased efficiency in operations. We are able to realize this opportunity in our operations.

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

Select from:

☑ Yes

(3.6.1.16) Financial effect figure in the reporting year (currency)

2400000

(3.6.1.23) Explanation of financial effect figures

The transition to renewable energy is expected to lead to a significant reduction in operating costs due to decreased reliance on conventional energy sources and increased efficiency in operations.

(3.6.1.24) Cost to realize opportunity

100000

(3.6.1.25) Explanation of cost calculation

Cost calculation includes investments in solar panels, installation expenses, and maintenance over a five-year period.

(3.6.1.26) Strategy to realize opportunity

mplementing renewable energy solutions by partnering with local suppliers and leveraging government incentives for solar energy adoption.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp2

(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

☑ India

(3.6.1.8) Organization specific description

Our investments in low-carbon energy technologies have positioned us favorably within the market, enabling us to take advantage of government incentives. This initiative is expected to deliver substantial returns on our investments, contributing to our long-term sustainability objectives.

(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

☑ Medium-term

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

Select from:

☑ Very likely (90–100%)

(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

The anticipated returns from low-carbon technology investments for Granules, a pharmaceutical company, are expected to significantly enhance our financial performance. By strategically implementing low-carbon technologies, we aim to optimize our manufacturing processes and reduce energy consumption, resulting in

substantial operational cost savings. Furthermore, these investments will allow us to develop eco-friendly pharmaceutical products, opening new revenue streams in an increasingly environmentally conscious market. As a result, we anticipate not only improved profitability but also a strengthened market position, as we align our operations with global sustainability standards and capitalize on government incentives for low-emission technologies. This multifaceted approach is poised to deliver long-term financial benefits while reinforcing our commitment to corporate responsibility and environmental stewardship.

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

Select from:

☑ Yes

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

300000000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

450000000

(3.6.1.23) Explanation of financial effect figures

The anticipated returns from low-carbon technology investments (CERM projects) are expected to enhance our financial performance significantly by increasing revenue streams and reducing operational costs.

(3.6.1.24) Cost to realize opportunity

150000000

(3.6.1.25) Explanation of cost calculation

Cost calculation includes initial capital expenditure on low-carbon technology and projected ROI over three years.

(3.6.1.26) Strategy to realize opportunity

Develop a phased implementation plan for low-carbon energy solutions, ensuring alignment with our sustainability roadmap and financial projections.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☑ Development of new products or services through R&D and innovation

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ India

(3.6.1.8) Organization specific description

Our ongoing commitment to R&D has facilitated the development of innovative, eco-friendly products. This effort not only opens access to new and emerging markets but also drives increased revenues, thereby reinforcing our market position and sustainability leadership.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased revenues through access to new and emerging markets

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

Select all that apply

☑ Medium-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-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

The development of new products at Granules is anticipated to significantly enhance our market share and generate additional revenue, firmly positioning us as a leader in sustainable pharmaceutical solutions. By investing in innovative research and development, we are focusing on creating eco-friendly products that not only meet the evolving needs of our customers but also comply with stringent regulatory requirements. This proactive approach allows us to tap into emerging markets where demand for sustainable and ethically produced pharmaceuticals is on the rise. Furthermore, by leveraging cutting-edge technologies and sustainable practices in our product development processes, we expect to reduce production costs while enhancing product efficacy. This dual advantage will enable us to offer competitive pricing without compromising quality, thus attracting a broader customer base and fostering brand loyalty. Ultimately, our commitment to developing sustainable products not only bolsters our revenue streams but also strengthens our reputation as a responsible corporate citizen in the pharmaceutical industry, driving long-term growth and profitability.

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

Select from:

☑ Yes

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

1000000000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

5000000000

(3.6.1.23) Explanation of financial effect figures

The development of new products is expected to significantly enhance our market share and generate additional revenue, positioning us as a leader in sustainable solutions with Our Green Molecules platform (CZRO).

(3.6.1.24) Cost to realize opportunity

200000000

(3.6.1.25) Explanation of cost calculation

Costs include R&D investments and market testing, calculated over a two-year development cycle.

(3.6.1.26) Strategy to realize opportunity

Focus on customer feedback to refine product offerings and ensure market fit, enhancing our competitive edge through innovation.

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

☑ India

(3.6.1.8) Organization specific description

By embedding sustainability into our core operations, we have strengthened our competitive advantage. This approach has resulted in better access to capital at more favorable rates, empowering us to finance further growth initiatives while minimizing risks.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased access to capital at lower/more favorable rates

(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

☑ Medium-term

☑ Long-term

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

Select from:

☑ Very likely (90–100%)

(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

By embedding sustainability into our core operations, Granules has cultivated a robust competitive advantage that will positively impact our financial position. This strategic alignment has resulted in better access to capital at lower rates, enabling the financing of growth initiatives while minimizing financial risks. Additionally, as investors increasingly prioritize sustainability, the company's commitment to eco-friendly practices is likely to attract more investment, further solidifying our financial

standing. This competitive edge will allow Granules to invest in advanced technologies and capabilities that enhance efficiency and reduce costs, ultimately driving profitability. In the long run, this advantage not only fortifies our market position but also enhances shareholder value as the company continues to innovate and grow.

(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)

10000000

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

20000000

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

40000000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

50000000

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

100000000

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

150000000

(3.6.1.23) Explanation of financial effect figures

The improved access to capital is expected to facilitate additional investments and operational improvements, contributing positively to our long-term financial stability.

(3.6.1.24) Cost to realize opportunity

0

(3.6.1.25) Explanation of cost calculation

Cost calculations involve evaluating interest rates and savings on current and future loans based on improved sustainability metrics.

(3.6.1.26) Strategy to realize opportunity

Establish partnerships with financial institutions focused on sustainable investments to enhance our access to capital and favorable terms.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp5

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Resilience

☑ Increased resilience to impacts of climate change

(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

☑ India

(3.6.1.8) Organization specific description

Our strategic focus on enhancing resilience to climate-related risks has proven beneficial. By proactively adapting our operations, we have improved our financial standing and increased our attractiveness to investors, leading to better access to capital.

(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

☑ Long-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

The strategic focus on enhancing resilience against climate-related risks is expected to bolster Granules' financial standing. By proactively adapting our operations, we are not only protecting our assets but also increasing our attractiveness to investors who prioritize sustainability. As our operational resilience improves, we anticipate heightened investor confidence, leading to better access to capital for future initiatives. Furthermore, this resilience can reduce potential disruptions caused by climate events, ensuring consistent operational performance and revenue generation. Over time, these factors will contribute to a solid financial position that supports sustainable growth and long-term profitability. Granules' ability to navigate climate risks effectively will position us favorably in the eyes of stakeholders and create opportunities for further investment in green initiatives.

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

Select from:

☑ Yes

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

100000000

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

150000000

(3.6.1.23) Explanation of financial effect figures

The enhancement of our operational resilience is anticipated to positively influence investor confidence and attract additional capital to support our sustainable initiatives.The ability to access sustainability-linked loans is expected to provide a significant boost to our financial resources, enabling further investment in green initiatives.

(3.6.1.24) Cost to realize opportunity

0

(3.6.1.25) Explanation of cost calculation

Costs are based on risk management strategies, training, and infrastructure improvements over five years.

(3.6.1.26) Strategy to realize opportunity

Implement comprehensive risk assessments and develop adaptive strategies to mitigate climate impacts, securing favorable investor relationships.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp6

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Capital flow and financing

☑ Access to sustainability linked loans

(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

☑ India

(3.6.1.8) Organization specific description

Securing sustainability-linked loans allows us to finance projects that align with our commitment to sustainable practices. This financial strategy not only supports our green initiatives but also enhances our access to capital, enabling sustainable growth.

(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

☑ Medium-term

☑ Long-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

Securing sustainability-linked loans will significantly enhance Granules' access to capital, allowing us to finance projects that align with our commitment to sustainable practices. This financial strategy not only supports our green initiatives but also reduces overall borrowing costs, which positively impacts our cash flow. The anticipated increase in capital will enable us to invest in new technologies and sustainable practices, further strengthening our operational efficiency and market position. By leveraging sustainability-linked loans, we can ensure that our projects not only meet financial objectives but also contribute positively to our environmental goals. This alignment will enhance our brand image and attract investors who prioritize sustainability, ultimately contributing to a more favorable financial position in the long term.

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

Select from:

☑ Yes

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

40000000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

50000000

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

100000000

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

150000000

(3.6.1.23) Explanation of financial effect figures

The ability to access sustainability-linked loans is expected to provide a significant boost to our financial resources, enabling further investment in green initiatives.

(3.6.1.24) Cost to realize opportunity

0

(3.6.1.25) Explanation of cost calculation

Cost calculation includes loan application fees and compliance costs to meet sustainability criteria.

(3.6.1.26) Strategy to realize opportunity

Actively engage with financial institutions to secure sustainability-linked loans and align project goals with environmental performance metrics.

Climate change

(3.6.1.1) Opportunity identifier

Select from:
☑ Opp7

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Reputational capital
☑ Improved ratings by sustainability/ESG indexes

(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

☑ India

(3.6.1.8) Organization specific description

Our commitment to sustainability has led to improved ratings from various sustainability and ESG indexes. This enhancement is anticipated to provide us with better access to capital at favorable rates, ultimately supporting our growth and operational resilience.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased access to capital at lower/more favorable rates

(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

☑ Medium-term

☑ Long-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-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

Our commitment to sustainability has led to improved ratings from various sustainability and ESG (Environmental, Social, and Governance) indexes. These enhancements are anticipated to provide Granules with better access to capital at favorable rates, supporting our growth and operational resilience. As ESG performance becomes increasingly important to investors, improved ratings will likely lead to increased investor interest and confidence in our business model. This positive feedback loop can improve our financial standing, allowing us to secure more advantageous financing terms for future projects. Furthermore, our strong ESG performance will enhance brand reputation, fostering customer loyalty and driving long-term revenue growth. The financial benefits of improved ESG ratings will position Granules favorably within the competitive pharmaceutical landscape, reinforcing our sustainability leadership and long-term viability.

(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)

10000000

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

20000000

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

40000000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

50000000

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

100000000

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

150000000

(3.6.1.23) Explanation of financial effect figures

The improvements in our ESG ratings are expected to enhance our financial standing, leading to more favorable financing terms and greater investor interest in our sustainability efforts.

(3.6.1.24) Cost to realize opportunity

0

(3.6.1.25) Explanation of cost calculation

Cost calculations include investments in sustainability training, reporting tools, and necessary operational changes to achieve improved ratings.

(3.6.1.26) Strategy to realize opportunity

Regularly assess and report on ESG performance metrics to maintain and enhance ratings, ensuring continued access to favorable financing options.
[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.

Climate change

(3.6.2.1) Financial metric

Select from:
☑ Revenue

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

24400000

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

☑ 1-10%

(3.6.2.4) Explanation of financial figures

The revenue is anticipated to increase as a result of developing and marketing new products that leverage renewable energy sources and low-carbon technologies, attracting customers who prioritize sustainability.

Climate change

(3.6.2.1) Financial metric

Select from:
☑ CAPEX

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

42300000

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:
☑ 21-30%

(3.6.2.4) Explanation of financial figures

Capital expenditures are expected to rise due to investments in sustainable infrastructure and low-emission technologies, which will enhance operational efficiency and reduce future operational costs.

Climate change

(3.6.2.1) Financial metric

Select from:
☑ OPEX

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

37600000

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

☑ 1-10%

(3.6.2.4) Explanation of financial figures

Operating expenses are projected to decrease over time as the organization adopts energy-efficient practices and renewable energy solutions, resulting in lower utility bills and overall operational costs.
[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:

☑ Half-yearly

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

Select all that apply

☑ Executive directors or equivalent

☑ Independent non-executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:

☑ Yes, and it is publicly available

(4.1.5) Briefly describe what the policy covers

The document “Board Governance and Committees” covers the governance framework at Granules India Limited. It details the corporate governance principles, the structure of the Board of Directors, and the company's adherence to SEBI’s listing regulations. It emphasizes Granules' philosophy of promoting transparency, accountability, and integrity in management. It also outlines the roles and responsibilities of various board committees (Audit, Nomination and Remuneration, Risk Management, Sustainability & CSR) and how they oversee different aspects of company operations. Key sections include the Board’s composition, meeting procedures, codes of conduct, and risk management processes. The document “Board Composition” highlights Granules India’s commitment to ethical governance and effective leadership. It discusses the Board's oversight role in guiding the company’s strategic direction and ensuring regulatory compliance. The document

includes a competency matrix showing the Board's skills and expertise, focusing on leadership, industry experience, finance, and human resources. It also features detailed profiles of key directors, outlining their contributions and qualifications. It emphasizes the Board's diverse professional backgrounds, the company's ethical governance, and the leadership's focus on sustainability.

(4.1.6) Attach the policy (optional)

Board composition.pdf,Board Governance and committees.pdf,Sustainability Governance_Feb 2024.pdf
[Fixed row]

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

	Board-level oversight of this environmental issue	Primary reason for no board-level oversight of this environmental issue	Explain why your organization does not have board-level oversight of this environmental issue
Climate change	*Select from:* ☑ Yes	*Select from:*	*Rich text input [must be under 2500 characters]*
Biodiversity	*Select from:* ☑ No, but we plan to within the next two years	*Select from:* ☑ Not an immediate strategic priority	*Biodiversity is not an immediate strategic priority for us, as all of our facilities are located in designated industrial areas.*

[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
☑ Director on board

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

Select from:

☑ Yes

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

Select all that apply

☑ Board Terms of Reference

☑ Individual role descriptions

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

Select from:

☑ Scheduled agenda item in every board meeting (standing agenda item)

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

Select all that apply

☑ Reviewing and guiding annual budgets

☑ Overseeing and guiding scenario analysis

☑ Overseeing the setting of corporate targets

☑ Reviewing and guiding innovation/R&D priorities

☑ Overseeing reporting, audit, and verification processes

☑ Monitoring the implementation of a climate transition plan

☑ Monitoring supplier compliance with organizational requirements

☑ Overseeing and guiding the development of a climate transition plan

☑ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities

(4.1.2.7) Please explain

At Granules India, the director on the board holds accountability for integrating climate-related risks and opportunities into the company's overall governance framework. This accountability is outlined in the Board's Terms of Reference and individual role descriptions, ensuring a formalized process. Climate change is a standing agenda item and is consistently reviewed at every board meeting. The board's role encompasses overseeing scenario analysis, guiding the assessment of

climate-related dependencies, impacts, risks, and opportunities, and ensuring robust reporting, audit, and verification processes. Furthermore, the board is responsible for monitoring supplier compliance with the company's climate-related requirements. In addition, the board oversees the development and implementation of Granules India's climate transition plan, ensuring the organization's strategic environmental goals are met.
[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
☑ Engaging regularly with external stakeholders and experts on environmental issues
☑ Integrating knowledge of environmental issues into board nominating process
☑ Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Academic
☑ Postgraduate education (e.g., MSc/MA/PhD in environment and sustainability, climate science, environmental science, water resources management, forestry, etc.), please specify

Additional training
☑ Training in an environmental subject by a certified organization, please specify

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

[Fixed row]

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

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

[Fixed row]

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

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Committee

☑ Sustainability committee

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

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

Engagement
☑ Managing public policy engagement related to environmental issues
☑ Managing supplier compliance with environmental requirements
☑ Managing value chain engagement related to environmental issues

Policies, commitments, and targets
☑ Measuring progress towards environmental corporate targets
☑ Measuring progress towards environmental science-based targets

Strategy and financial planning
☑ Conducting environmental scenario analysis
☑ Developing a business strategy which considers environmental issues
☑ Developing a climate transition plan
☑ Implementing the business strategy related to environmental issues
☑ Managing major capital and/or operational expenditures relating to environmental issues

(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:
☑ Quarterly

(4.3.1.6) Please explain

Sustainability and CSR Committee is responsible for setting strategic objectives, overseeing performance, and ensuring alignment with our corporate values and goals. The committee shall provide leadership and guidance on sustainability initiatives, ensuring they are integrated into our business strategy. The Committee's

responsibility in sustainability governance encompasses several crucial aspects, as outlined below. • Governance: The Committee establishes clear leadership structures and oversight mechanisms for sustainability initiatives, ensuring integration into organizational culture and decision-making processes. • Strategy: Providing strategic direction and oversight, the Committee aligns sustainability efforts with the company's overall mission and objectives. • Risks and Opportunities: The Committee identifies and addresses sustainability-related risks and opportunities, implementing robust risk management processes to assess and mitigate risks while capitalizing on opportunities for innovation and growth. • Resilience: Anticipating and adapting to changing sustainability trends and external requirements, the Committee fosters resilience within the organization. • Risk Management: The Committee oversees robust risk management processes to assess and mitigate sustainability-related risks The Sustainability Focus Area comprises executives from various departments, including operations, product development, finance, marketing, legal, communications, and policy. This team integrates sustainability and climate objectives into our organizational goals, action plans, management policies, and performance metrics, while also overseeing progress. Climate-related topics are frequently addressed in their meetings. Chairman, director and key leaders convene quarterly and as needed with the CEO to discuss climate-related matters. The CEO, in turn, updates the Audit and Compliance Committee of the Board of Directors on these issues and raises concerns as necessary.

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 future trends in environmental dependencies, impacts, risks, and opportunities

(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:

☑ Half-yearly

(4.3.1.6) Please explain

The Sustainability Committee plays a crucial role in addressing biodiversity by developing and implementing policies that promote conservation and sustainable practices within the organization. This includes conducting regular assessments of the organization's impact on biodiversity, engaging with stakeholders like local communities and environmental organizations, and promoting awareness through training and informational campaigns. The committee advocates for sustainable resource management and develops action plans for enhancing biodiversity, such as habitat restoration projects. Additionally, it ensures transparency by reporting biodiversity-related impacts, encourages the adoption of innovative practices, stays informed about relevant regulations, and sets measurable biodiversity goals. Through these efforts, the committee can significantly contribute to the organization's biodiversity initiatives and foster a healthier environment.

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Chief Sustainability Officer (CSO)

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☑ Assessing environmental dependencies, impacts, risks, and opportunities

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

☑ Managing environmental dependencies, impacts, risks, and opportunities

Engagement

☑ Managing public policy engagement related to environmental issues

☑ Managing supplier compliance with environmental requirements

☑ Managing value chain engagement related to environmental issues

Policies, commitments, and targets

☑ Monitoring compliance with corporate environmental policies and/or commitments

☑ Measuring progress towards environmental corporate targets

☑ Measuring progress towards environmental science-based targets

☑ Setting corporate environmental policies and/or commitments

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Developing a climate transition plan

☑ Implementing a climate transition plan

☑ Conducting environmental scenario analysis

☑ Managing annual budgets related to environmental issues

☑ Implementing the business strategy related to environmental issues

☑ Developing a business strategy which considers environmental issues

☑ Managing environmental reporting, audit, and verification processes

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

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

Other

☑ Providing employee incentives related to environmental performance

(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:

☑ Quarterly

(4.3.1.6) Please explain

The Management team at the Executive Level is responsible for implementing sustainability initiatives and driving progress toward established goals. The Management team is chaired by the Joint Managing Director & Chief Executive Officer. The Chief Sustainability Officer shall act as the Convener of the team and shall be responsible for coordination with the Management team. The team shall be responsible for developing the roadmap, execution plans and review the progress and will appraise the same to the Sustainability and CSR Committee. It shall consist of members to manage and coordinate the sustainability process, and strategically guide the Company towards achieving short, medium, and long term targets. Granules shall establish quarterly corporate dashboard/tracker for sustainability linked KPIs which will be integrated with quarterly scorecard for the corporate and for individual plants. The Corporate sustainability team, in coordination with the respective teams, shall come up with quarterly sustainability dashboard. Our CSO plays a major role in the sustainability of the organization. The Sustainability Focus Area comprises executives from various departments, including operations, product development, finance, marketing, legal, communications,

and policy. This team integrates sustainability and climate objectives into our organizational goals, action plans, management policies, and performance metrics, while also overseeing progress. Climate-related topics are frequently addressed in their meetings. Chairman, director and key leaders convene quarterly and as needed with the CEO to discuss climate-related matters. The CEO, in turn, updates the Audit and Compliance Committee of the Board of Directors on these issues and raises concerns as necessary. T

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Committee

☑ Environmental, Social, Governance committee

(4.3.1.2) Environmental responsibilities of this position

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

☑ Implementing a climate transition plan

☑ Implementing the business strategy related to environmental issues

(4.3.1.4) Reporting line

Select from:

☑ Other, please specify :plant Head /Operation's Head

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

Select from:

☑ More frequently than quarterly

(4.3.1.6) Please explain

The Execution Team at the site level consists of individuals from various departments responsible for implementing specific sustainability projects and initiatives. This is chaired by the respective Plant Heads, the team includes the Head of API/FD Operations and the Chief Sustainability Officer as invited members for plant-level meetings. The plant execution team includes nominated members from Engineering and Project, Procurement and Supply Chain, EHS, HR, Corporate Sustainability Team, and other departments as needed. This team works closely with management to ensure that sustainability-linked targets and projects are executed according to plan. It is responsible for implementing targets, regularly reviewing progress against KPIs, and updating the management team on progress and any bottlenecks. Granules has established plant-wise monthly dashboards/trackers for sustainability-linked KPIs, integrated with the monthly scorecard for each plant. The Corporate Sustainability Team, in coordination with the respective plants, develops the monthly sustainability dashboard.
[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

15

(4.5.3) Please explain

15% of the variable pay for the CEO, other CXOs, and plant heads at Granules is directly linked to sustainability performance. This incentive structure ensures that our leadership is fully committed to achieving our environmental goals and embedding sustainability into every aspect of our operations. By aligning financial rewards with the attainment of sustainability targets, we reinforce the importance of environmental stewardship and drive accountability at the highest levels of the organization. Additionally, 15 % of the annual Key Performance Indicators (KPIs) that contribute to yearly appraisals are tied to sustainability objectives, influencing merit-based increases in total compensation. This approach fosters a strong culture of sustainability leadership and continuous improvement.
[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

Board or executive level

☑ Board Chair

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Achievement of environmental targets

Strategy and financial planning

☑ Achievement of climate transition plan

Emission reduction

☑ Reduction in emissions intensity

☑ Reduction in absolute emissions

Resource use and efficiency

☑ Energy efficiency improvement

☑ Reduction in total energy consumption

Engagement

☑ Increased engagement with suppliers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

15% of the variable pay for the CEO, other CXOs, and plant heads at Granules is directly linked to sustainability performance. This incentive structure ensures that our leadership is fully committed to achieving our environmental goals and embedding sustainability into every aspect of our operations. By aligning financial rewards with the attainment of sustainability targets, we reinforce the importance of environmental stewardship and drive accountability at the highest levels of the organization. Additionally, 15 % of the annual Key Performance Indicators (KPIs) that contribute to yearly appraisals are tied to sustainability objectives, influencing merit-based increases in total compensation. This approach fosters a strong culture of sustainability leadership and continuous improvement.

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

By linking the incentive to sustainability metrics such as emissions reduction, energy efficiency, and environmental engagement, the Board Chair plays a pivotal role in driving the company's climate transition plan. This incentivized approach ensures that the highest leadership is aligned with the organization's long-term environmental goals, promoting accountability and making sustainability a core focus in strategic decision-making. The leadership's progress is vital in steering the company towards greener practices.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☑ Chief Sustainability Officer (CSO)

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Achievement of environmental targets

Strategy and financial planning

☑ Achievement of climate transition plan

Emission reduction

☑ Reduction in emissions intensity

☑ Reduction in absolute emissions

Resource use and efficiency

☑ Energy efficiency improvement

☑ Reduction in total energy consumption

Policies and commitments

☑ Increased supplier compliance with environmental requirements

Engagement

☑ Increased engagement with suppliers on environmental issues

☑ Implementation of employee awareness campaign or training program on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

15% of the variable pay for the CEO, other CXOs, and plant heads at Granules is directly linked to sustainability performance. This incentive structure ensures that our leadership is fully committed to achieving our environmental goals and embedding sustainability into every aspect of our operations. By aligning financial rewards with the attainment of sustainability targets, we reinforce the importance of environmental stewardship and drive accountability at the highest levels of the organization. Additionally, 15 % of the annual Key Performance Indicators (KPIs) that contribute to yearly appraisals are tied to sustainability objectives, influencing merit-based increases in total compensation. This approach fosters a strong culture of sustainability leadership and continuous improvement.

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

The CSO's incentives are closely tied to environmental and climate action targets. The CSO leads initiatives to improve energy efficiency, lower emissions, and increase supplier and employee engagement. By aligning monetary rewards with these outcomes, the CSO's contributions are essential to executing the company's climate transition plan, enhancing the overall sustainability framework, and fostering a company-wide commitment to environmental stewardship.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☑ Director on board

(4.5.1.2) Incentives

Select all that apply

☑ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☑ Progress towards environmental targets

☑ Achievement of environmental targets

Strategy and financial planning

☑ Achievement of climate transition plan

Emission reduction

☑ Reduction in emissions intensity

☑ Reduction in absolute emissions

Resource use and efficiency

☑ Energy efficiency improvement

☑ Reduction in total energy consumption

Policies and commitments

☑ Increased supplier compliance with environmental requirements

Engagement

☑ Increased engagement with suppliers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

15% of the variable pay for the CEO, other CXOs, and plant heads at Granules is directly linked to sustainability performance. This incentive structure ensures that our leadership is fully committed to achieving our environmental goals and embedding sustainability into every aspect of our operations. By aligning financial rewards with the attainment of sustainability targets, we reinforce the importance of environmental stewardship and drive accountability at the highest levels of the organization. Additionally, 15 % of the annual Key Performance Indicators (KPIs) that contribute to yearly appraisals are tied to sustainability objectives, influencing merit-based increases in total compensation. This approach fosters a strong culture of sustainability leadership and continuous improvement.

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

The Director on Board ensures that environmental commitments are embedded into corporate governance. By linking incentives to sustainability goals, the Director reinforces that the achievement of environmental and climate targets is integral to the company's overall success. This contributes to advancing the climate transition plan, reducing emissions, improving energy efficiency, and promoting responsible practices among suppliers, ensuring a top-down approach to sustainability.
[Add row]

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

	Does your organization have any environmental policies?
	Select from: ☑ 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

☑ Downstream value chain

(4.6.1.4) Explain the coverage

The environmental policy of Granules India Limited covers a wide range of areas aimed at minimizing their environmental footprint and promoting sustainability. Key areas include greenhouse gas (GHG) emission reduction, water conservation, wastewater recycling, rainwater harvesting, waste management, biodiversity conservation, and air pollution control. The policy highlights the company's commitment to transitioning to renewable energy, improving energy efficiency, and implementing strategies to reduce GHG emissions. Water and waste management efforts focus on conservation, recycling, and reducing environmental pollution, while biodiversity and air quality are preserved through responsible practices and technologies.

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to comply with regulations and mandatory standards

☑ Commitment to stakeholder engagement and capacity building on environmental issues

Climate-specific commitments

☑ Commitment to 100% renewable energy

☑ Commitment to net-zero emissions

☑ Commitment to not invest in fossil-fuel expansion

☑ Commitment to not funding climate-denial or lobbying against climate regulations

(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

☑ 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

Environmental Policy.docx
[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)

☑ Task Force on Climate-related Financial Disclosures (TCFD)

☑ UN Global Compact

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

Yes, Granules is a proud member of several key environmental collaborative frameworks and initiatives, including the United Nations Global Compact (UNGC), the Science Based Targets initiative (SBTi), the Task Force on Climate-related Financial Disclosures (TCFD), and the Pharmaceutical Supply Chain Initiative (PSCI). By participating in these initiatives, we actively contribute to the development of environmental disclosure frameworks, metrics, and goals that support the transition to a more sustainable economy. Our commitment to these collaborative efforts signals to our investors and stakeholders that we are dedicated to aligning our business practices with global sustainability objectives. Additionally, by endorsing widely recognized public initiatives, we demonstrate our commitment to environmental action and gain the opportunity to benchmark our performance against industry peers, driving continuous improvement in our sustainability efforts.
[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 directly with policy makers

(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

☑ Another global environmental treaty or policy goal, please specify **:**We are actively participated in COP28 and Founder member of World Economic Forum - Centre for fourth industrial revolution (C4IR)

(4.11.4) Attach commitment or position statement

GIL-UNGC Membership Certificates _2024-25.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

☑ Non-government register

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

United Nations Global compact ID Number UNGC ID: 160,512 Granules India Limited played a pivotal role as a founding member and anchor partner in the Telangana Life Sciences Forum under the World Economic Forum's C4IR.A key focus of Granules' involvement is prioritizing sustainability in healthcare innovation. The healthcare sector has a significant environmental footprint, including resource intensive medical procedures and the production and disposal of pharmaceuticals and medical devices.

(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

United Nations Global compact ID Number UNGC ID: 160,512 Granules India Limited played a pivotal role as a founding member and anchor partner in the Telangana Life Sciences Forum under the World Economic Forum's C4IR.A key focus of Granules' involvement is prioritizing sustainability in healthcare innovation. The healthcare sector has a significant environmental footprint, including resource intensive medical procedures and the production and disposal of pharmaceuticals and medical devices.
[Fixed row]

(4.11.1) On what policies, laws, or regulations that may (positively or negatively) impact the environment has your organization been engaging directly with policy makers in the reporting year?

Row 1

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers

COP28 and World Economic Forum -Centre for fourth industrial revolution (C4IR), Confederation of Indian Industry (CII), Institute of Directors (IOD)

(4.11.1.2) Environmental issues the policy, law, or regulation relates to

Select all that apply
☑ Climate change

(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment

Environmental impacts and pressures
☑ Emissions – CO2

(4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:
☑ National

(4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

☑ India

(4.11.1.6) Your organization’s position on the policy, law, or regulation

Select from:

☑ Support with no exceptions

(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation

Select all that apply

☑ Ad-hoc meetings

☑ Regular meetings

☑ Discussion in public forums

☑ Responding to consultations

☑ Provided funding or in-kind support

☑ Submitting written proposals/inquiries

☑ Participation in voluntary government programs

☑ Participation in working groups organized by policy makers

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

20000

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

Climate change policies, laws, and regulations are crucial for shaping our transition plan and sustainability strategy, aligning our targets with national and international climate goals like the Paris Agreement. These frameworks create accountability and drive action, enabling proactive engagement with stakeholders such as governments, NGOs, and businesses to enhance our efforts. We measure the success of our engagement through specific metrics, including progress against emissions reduction targets, stakeholder feedback, and participation in policy dialogues.

(4.11.1.11) Indicate if you have evaluated whether your organization’s engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

☑ Yes, we have evaluated, and it is aligned

(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this 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 other regulatory filings

(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

☑ Emissions figures

☑ Risks & Opportunities

☑ Value chain engagement

☑ Dependencies & Impacts

☑ Public policy engagement

(4.12.1.6) Page/section reference

Refer the Page No 34,36 and 39 of enclosed report for relevant information related to Energy and emissions disclosures

(4.12.1.7) Attach the relevant publication

BRSR_24-25.pdf

(4.12.1.8) Comment

This is our Business Responsibility and Sustainability Report (BRSR Report) which covers many aspects of our organisation.

Row 2

(4.12.1.1) Publication

Select from:

☑ In other regulatory filings

(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

☑ Emissions figures

☑ Risks & Opportunities

☑ Value chain engagement

☑ Dependencies & Impacts

☑ Biodiversity indicators

☑ Public policy engagement

☑ Content of environmental policies

(4.12.1.6) Page/section reference

1. 20/Environment Responsible Actions for a Sustainable Tomorrow 2. 26-31/Governance 3. 53/ BUSINESS, WHEN ENGAGING IN INFLUENCING PUBLIC AND REGULATORY POLICY, SHOULD DO SO IN A MANNER THAT IS RESPONSIBLE AND TRANSPARENT 4. 16-18/Risk Management 5. 10/Operating Context 6. 11-15/Business Strategy 7. 5/Values that Guide Our Actions 8. 19-20/Sustainability Vision 9. 50-52/ PRINCIPLE 6- BUSINESS SHOULD RESPECT AND MAKE EFFORTS TO PROTECT AND RESTORE THE ENVIRONMENT 10. Sustainability Vision/19-

(4.12.1.7) Attach the relevant publication

Granuals india Annual Report FY24.pdf

(4.12.1.8) Comment

Enclosed Annual Report FY 23-24 included the Business Responsibility and Sustainability Report published inline with SEBI requirements
[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
[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

Physical climate scenarios
☑ RCP 4.5

(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

☑ Policy

☑ Market

☑ Reputation

☑ Technology

☑ Acute physical

☑ Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.5°C or lower

(5.1.1.7) Reference year

2023

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

☑ 2030

☑ 2040

☑ 2070

☑ 2080

☑ 2090

☑ 2050
☑ 2060
☑ 2100

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Speed of change (to state of nature and/or ecosystem services)
☑ Climate change (one of five drivers of nature change)

Stakeholder and customer demands

☑ Consumer attention to impact

Regulators, legal and policy regimes

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

Direct interaction with climate

☑ On asset values, on the corporate

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Our analysis is grounded in the Water Resources Institute's criteria for evaluating water stress levels, focusing on regions classified as high-stress or extremely high-stress. For climate scenarios, we referenced the Intergovernmental Panel on Climate Change's (IPCC) representative concentration pathways (RCPs), specifically RCP4.5, which aligns with the Paris Agreement targets, and RCP8.5, representing a business-as-usual trajectory. Our assessment spans three time frames: 2025 for short-term projections, 2050 for mid-term considerations, and 2100 for long-term impacts. Several uncertainties influence our analysis, including potential shifts in climate policies and advancements in mitigation technologies, regional variations in climate effects, and changes in local adaptation strategies. Economic and demographic developments could also affect both climate exposure and resilience. Constraints to our analysis include limited data availability for certain regions and the potential for deviations in future greenhouse gas emissions and atmospheric conditions, which may impact both site-specific and broader climate projections.

(5.1.1.11) Rationale for choice of scenario

By examining both RCP4.5 and RCP8.5 scenarios, we're able to present a comprehensive perspective on potential future climate impacts under varying emission trajectories. RCP4.5 (aligned with Paris Agreement targets): This scenario represents a moderate emissions reduction pathway, reflecting efforts to meet international climate objectives. It helps us establish practical climate goals and align our strategies with global temperature control initiatives. RCP8.5 (business-as-usual scenario): This scenario depicts a high-emission path with minimal climate mitigation efforts. It enables us to evaluate severe climate impacts, facilitating the

development of robust adaptation measures. By utilizing these scenarios, we can anticipate a broader range of potential future conditions, refine our climate resilience strategies, and prepare for both moderate and extreme climate risks. This approach ensures comprehensive planning and enhances our ability to adapt to and mitigate future climate challenges effectively.

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:

☑ 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

☑ Policy

☑ Market

☑ Reputation

☑ Technology

☑ Chronic physical

☑ Acute physical

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.5°C or lower

(5.1.1.7) Reference year

2023

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025
☑ 2030
☑ 2040
☑ 2050
☑ 2060
☑ 2070
☑ 2080
☑ 2090
☑ 2100

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Speed of change (to state of nature and/or ecosystem services)
☑ Climate change (one of five drivers of nature change)

Stakeholder and customer demands

☑ Consumer attention to impact

Regulators, legal and policy regimes

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

Direct interaction with climate

☑ On asset values, on the corporate

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Our analysis is grounded in the Water Resources Institute's definitions for water stress, categorizing areas as high-stress or extremely high-stress. We utilized the Intergovernmental Panel on Climate Change's (IPCC) representative concentration pathways (RCPs) to explore two emission scenarios: RCP4.5, which aligns with Paris Agreement goals for moderate emissions reductions, and RCP8.5, which represents a high-emission scenario with limited mitigation. The time frames for our analysis include 2025 for short-term, 2050 for mid-term, and 2100 for long-term projections. Several uncertainties influence our analysis, including potential shifts in climate policies and advancements in mitigation technologies, regional variations in climate effects, and changes in local adaptation strategies. Economic and demographic developments could also affect both climate exposure and resilience. Constraints to our analysis include limited data availability for certain regions and the potential for deviations in future greenhouse gas emissions and atmospheric conditions, which may impact both site-specific and broader climate projections.

(5.1.1.11) Rationale for choice of scenario

By examining both RCP4.5 and RCP8.5 scenarios, we're able to gain a comprehensive understanding of potential climate impacts under varying emission trajectories. RCP4.5 (aligned with Paris Agreement goals): This scenario represents a moderate emissions reduction pathway, consistent with global climate objectives. It helps us establish practical climate targets and align our strategies with international efforts to limit temperature increases. RCP8.5 (business-as-usual scenario): This scenario depicts a high-emission path with minimal climate mitigation efforts. It enables us to evaluate severe climate impacts and formulate robust adaptation strategies. By integrating these scenarios, we can better anticipate a range of future climate conditions, refine our climate resilience strategies, and ensure our preparedness for both moderate and extreme climate-related risks. This approach supports thorough planning and strengthens our ability to manage and adapt to future climate challenges effectively.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☑ IEA NZE 2050

(5.1.1.3) Approach to scenario

Select from:

☑ 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

☑ Policy

☑ Market

☑ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.5°C or lower

(5.1.1.7) Reference year

2023

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2030

☑ 2040

☑ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Speed of change (to state of nature and/or ecosystem services)

☑ Climate change (one of five drivers of nature change)

Finance and insurance

☑ Sensitivity of capital (to nature impacts and dependencies)

Stakeholder and customer demands

☑ Consumer attention to impact

☑ Impact of nature footprint on reputation

Regulators, legal and policy regimes

☑ Global regulation

☑ Global targets

☑ Methodologies and expectations for science-based targets

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

We presume the world will swiftly pivot from its reliance on fossil fuel sources to harnessing green energy sources. This development may have a positive or negative influence on our energy sourcing mechanisms and its associated costs. The situation depicts a case where advances in green technologies are likely to occur much faster than expected hence changing the way that we carry out our activities as well as the activities of the research and development department. However, there are unknowns regarding the speed of potential policy evolution in India and in the other important geographies we address in the Scenario which may have an impact on the achievability of the Scenario goals. We also recognize industry-specific limitations, such as the high power demand associated with the manufacture of APIs and their material processing, as well as the cost of meeting quality requirements that may preclude certain options for decarbonization. The very wide-reaching nature of the Scenario leads to challenges in how these aspects materialize at a regional level, more so in the developing markets within which we do business. Furthermore, considering the time horizon of the scenario (which reaches as far into the future as 2050), there are also uncertainties about changes in technology and the state of the markets at that future point. Notwithstanding all the above, we consider this scenario analysis an eminent aspect for long-term strategic planning and risk management within Granules.

(5.1.1.11) Rationale for choice of scenario

Granules India Limited has opted for IEA NZE 2050 when it comes to assessing climate-related risks and formulating the strategic plan. This scenario is very rigorous in outlook and forward thinking. It is consistent with the highest level of ambition in the Paris agreement enabling us to pursue our pledge to combat climate change globally. It provides insights for various sectors including energy which is important in our line of operations and even the supply chain consideration. The scenario has helped us brace ourselves against the policy making that is projected to be very high, for example, the regulator's principal activity will include making bolder policy moves to that effect. When we say claim or 'say' scenario, this defines the business vision and indeed the tech roadmap that covers R&D and innovations in the business sector. Being one of the most ambitious climate scenarios, it provides us a platform to stress test our business model against extreme transition risks

enhancing our risk management as a whole. Moreover, it is beneficial in addressing the increasing demand for climate action from the stakeholders, recognizes potential market challenges in the sustainable practices and also offers a useful global outlook which is important to our business activities overseas. Another reason why the IEA scenarios have the corresponding credibility and are well-known is that we can also ensure the consistency and the quality of the information in our climate change reports. This proves our determination to carry out sustainability standards in recognized and clear manner.
[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

☑ Target setting and transition planning

(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

Outcomes of our scenario analysis highlight several key insights and implications for our business processes related to risk and opportunity management, as well as target setting and transition planning. Our analysis using the RCP4.5 scenarios has underscored the significance of identifying and assessing a broad spectrum of potential climate-related risks and opportunities. This process has enhanced our ability to anticipate both moderate and extreme climate impacts, allowing us to develop more robust strategies for risk management and capitalize on emerging opportunities. In terms of target setting and transition planning, the scenarios have provided critical insights into the potential future states of our environmental landscape. This has informed our strategic decision-making, enabling us to set more realistic and achievable climate targets. The implications for our transition planning include the need to integrate adaptive measures for both moderate and severe climate scenarios, ensuring our strategies remain resilient in the face of evolving climate conditions. Overall, the scenario analysis has strengthened our approach to managing climate-related risks and opportunities, improved our target setting process, and refined our transition planning, ensuring that our business processes are aligned with future environmental challenges and opportunities.
[Fixed row]

(5.2) Does your organization’s strategy include a climate transition plan?

(5.2.1) Transition plan

Select from:

☑ Yes, we have a climate transition plan which aligns with a 1.5°C world

(5.2.3) Publicly available climate transition plan

Select from:

☑ Yes

(5.2.4) Plan explicitly commits to cease all spending on, and revenue generation from, activities that contribute to fossil fuel expansion

Select from:

☑ Yes

(5.2.5) Description of activities included in commitment and implementation of commitment

Our sustainability strategy is driven by a series of targeted actions and implementation measures: Eco-Friendly Sourcing and Manufacturing: Shifting to renewable energy sources for all our production activities. Partnering with suppliers who practice sustainability and minimize their environmental footprint. Reducing the use of conventional chemical substances and investigating greener alternatives. Energy Efficiency and Emission Reductions: Adopting advanced energy-efficient technologies and practices across our facilities to cut greenhouse gas emissions. Performing regular energy assessments to identify and address inefficiencies within our operations. Investing in innovations to boost the energy efficiency of our pharmaceutical production processes and products. Innovative Product Development and Lifecycle Management: Creating pharmaceutical products designed to have a minimal environmental impact over their entire lifecycle. Developing solutions that support eco-friendly healthcare practices and contribute to sustainability. Executing a lifecycle management plan to reduce waste and promote material recycling and reuse. Optimizing Supply Chain and Logistics: Enhancing our logistics operations to cut down emissions from transportation. Working with logistics partners to incorporate low-emission and electric vehicles for distribution. Stakeholder Engagement and Capacity Building: Collaborating with stakeholders including suppliers, healthcare professionals, and staff—to advance sustainability and environmental stewardship. Offering training and resources to strengthen the ability of our team and partners to adopt sustainable practices. Monitoring and Reporting: Implementing a comprehensive framework to track our progress against environmental and climate goals. Providing regular updates on our environmental performance and advancements toward our sustainability targets to stakeholders and regulatory bodies. By focusing on these areas, we are committed to reducing our environmental impact, supporting global sustainability efforts, and ensuring the continued success of our operations.

(5.2.7) Mechanism by which feedback is collected from shareholders on your climate transition plan

Select from:

☑ We have a different feedback mechanism in place

(5.2.8) Description of feedback mechanism

We actively engage with our investors and other key stakeholders throughout the year on a range of important topics, including our business strategy, operational performance, and various ESG issues such as environmental sustainability, workforce diversity, talent management, executive compensation, and Board oversight. This ongoing dialogue helps us align our initiatives with stakeholder expectations and allows us to communicate our policies and practices effectively. Through these engagements, we gain valuable insights into stakeholder priorities and concerns, enabling us to refine our approaches and address emerging issues. Feedback from these interactions is reviewed by our Board, which incorporates these insights into its assessments of our governance, compensation practices, and ESG strategies. Our climate-related strategies and initiatives, integral to our commitment to reducing our carbon footprint, are regularly discussed with stakeholders and presented during our Annual Meetings. This transparency ensures that our stakeholders are informed about our progress and strategic direction in sustainability and environmental management.

(5.2.9) Frequency of feedback collection

Select from:

☑ More frequently than annually

(5.2.10) Description of key assumptions and dependencies on which the transition plan relies

Our strategy to align with the 1.5-degree Celsius target and eliminate all investments in fossil fuel expansion is based on several critical assumptions and dependencies: Market Demand for Sustainable Solutions: Assumption: We anticipate sustained demand and preference for eco-friendly and sustainable products within the pharmaceutical sector. Dependency: Our plan hinges on customers and clients valuing and choosing products from companies with robust sustainability commitments. Access to Renewable Energy: Assumption: We expect renewable energy sources to remain available and cost-effective for our operational needs. Dependency: Our strategy relies on the continued availability and financial feasibility of renewable energy to replace fossil fuel-based energy in our facilities. Advancements in Green Technologies: Assumption: We rely on ongoing technological progress to enhance energy efficiency, material sustainability, and manufacturing practices. Dependency: Our transition plan depends on the development and accessibility of innovative technologies that support our environmental goals. Supportive Regulatory Environment: Assumption: We anticipate that regulatory frameworks will increasingly support sustainable practices and emissions reductions. Dependency: Our strategy is dependent on favorable regulations and compliance with evolving environmental standards to meet our sustainability objectives. Effective Stakeholder Collaboration: Assumption: We expect that collaboration with suppliers, partners, and stakeholders will facilitate the successful execution of our transition plan. Dependency: Our plan relies on building strong partnerships and collaborative efforts to tackle shared environmental challenges and advance sustainability initiatives. Adequate Financial Resources: Assumption: We project that sufficient financial resources will be allocated to support our transition and investments in sustainable practices. Dependency: Our strategy depends on continu

(5.2.11) Description of progress against transition plan disclosed in current or previous reporting period

Granules' transition plan focuses on identifying key levers for reducing Scope 1, 2, and 3 emissions, aligning with its commitment to sustainability and achieving Net Zero targets. For Scope 1 (direct emissions from owned sources), strategies include enhancing energy efficiency across operations and adopting cleaner fuel alternatives. In Scope 2 (indirect emissions from purchased electricity), Granules is focusing on increasing the use of renewable energy, optimizing energy consumption, and investing in energy-efficient technologies. For Scope 3 (emissions from the value chain), the plan involves working closely with suppliers to reduce emissions, enhancing sustainable procurement practices, and promoting circular economy initiatives. These combined efforts ensure a comprehensive and strategic approach to reducing the company's carbon footprint across its entire value chain.

(5.2.12) Attach any relevant documents which detail your climate transition plan (optional)

Granules_Net Zero Roadmap.pdf

(5.2.13) Other environmental issues that your climate transition plan considers

Select all that apply

☑ Water

☑ Biodiversity

☑ Other, please specify **:**Energy Efficiency and Waste Reduction, Sustainable Packaging, Air Quality and Pollution, Transportation and Logistics Optimization

(5.2.14) Explain how the other environmental issues are considered in your climate transition plan

Energy Efficiency and Waste Reduction The plan highlights various measures to improve energy efficiency, which not only reduces carbon emissions but also addresses energy consumption and resource waste. For example, there are initiatives related to optimizing compressed air systems, chiller plants, and HVAC systems. This reduces resource waste and contributes to sustainable energy use. Water Management Though not extensively covered, the document hints at measures like condensate recovery systems in boiler operations. This initiative indirectly contributes to water conservation by recycling steam and reducing water consumption in industrial processes. Sustainable Packaging The roadmap includes initiatives to shift towards more sustainable raw materials and packaging options, such as reducing single-use items and adopting reusable or recyclable packaging solutions. Air Quality and Pollution By improving boiler efficiency and transitioning from coal-based to biomass-based energy solutions, the plan aims to reduce air pollutants such as particulate matter and sulfur dioxide emissions. Switching from coal-fired systems to renewable energy helps mitigate air pollution. Transportation and Logistics Optimization The roadmap covers transitioning to more sustainable transportation modes for both upstream and downstream logistics, such as shifting from air to sea freight and promoting multi-modal transportation. This can help reduce overall emissions and transportation-related environmental impacts, including noise pollution and fuel consumption.
[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

☑ Risks

☑ 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 recognize that environmental risks and opportunities have become increasingly important in shaping our pharmaceutical product offerings. The growing concerns about climate change, environmental sustainability, and resource conservation have led us to reassess our approach to product development to ensure it aligns with

global sustainability standards. To minimize our environmental impact, we have enhanced our manufacturing processes by adopting greener chemistry principles, optimizing resource usage, and reducing waste and energy consumption. We are also committed to sourcing sustainable raw materials and embracing circular economy practices, such as designing products that are more recyclable and have a reduced environmental footprint. These efforts not only help us mitigate risks associated with regulatory changes, supply chain disruptions, and resource scarcity but also enable us to tap into new market opportunities driven by the increasing demand for environmentally responsible pharmaceutical products.

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ 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

At Granules, we identify significant opportunities to enhance sustainability across both our upstream and downstream value chains, contributing to our long-term strategic goals and reinforcing our commitment to environmental stewardship. Upstream Opportunities: In the upstream value chain, we see substantial potential by partnering with suppliers who prioritize sustainable practices. By sourcing raw materials from suppliers that focus on sustainable agriculture, renewable resources, and low-carbon operations, we can reduce the environmental footprint of our supply chain. This strategy not only helps us comply with tightening regulations and align with consumer demand for eco-friendly products but also mitigates risks related to resource scarcity and supply disruptions. Furthermore, we are pursuing collaborations with suppliers who utilize green chemistry and innovative, environmentally friendly extraction methods. These partnerships enable us to reduce waste, conserve water and energy, and lower greenhouse gas emissions. Such initiatives lead to cost efficiencies and enhance the resilience of our supply chain, while also strengthening our reputation as a leader in sustainable pharmaceutical practices. Downstream Opportunities: In the downstream value chain, Granules is focused on developing products that adhere to circular economy principles, such as enhanced recyclability, reduced packaging, and lower energy consumption during production. By creating pharmaceuticals with a lower environmental impact, we differentiate ourselves in a competitive market and meet the growing demand from customers, healthcare providers, and regulatory bodies for sustainable products. Additionally, these downstream efforts open new market opportunities, as consumers increasingly prioritize sustainability in their purchasing decisions. By demonstrating our commitment to environmentally responsible practices, we improve customer loyalty, enhance our brand value, and position ourselves favorably for recognition in sustainability indexes and ratings. This strategic alignment not only fosters business growth but also strengthens our resilience to environmental risks and advances our goal of contributing positively to global sustainability efforts. By capitalizing on these opportunities across both our upstream and downstream value chains, Granules is well-positioned to drive long-term value creation, meet evolving market demands, and lead the way in sustainable pharmaceutical manufacturing.

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ 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

Environmental considerations are a core driver of our research and development (R&D) investments at Granules. Recognizing the imperative to innovate in response to evolving environmental standards and market dynamics, we have allocated substantial resources to R&D initiatives focused on sustainability. Our efforts are centered on exploring new technologies, green chemistry techniques, and advanced manufacturing processes that reduce waste, enhance energy and resource efficiency, and lower the overall environmental impact of our products. By integrating sustainability into our R&D strategy, we address potential risks such as regulatory non-compliance, reputational damage, and supply chain vulnerabilities, while also positioning ourselves for product differentiation in a competitive marketplace. This proactive approach enables us to mitigate environmental risks, unlock new business opportunities, and drive long-term value creation by establishing Granules as a leader in sustainable pharmaceutical manufacturing.

Operations

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ 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

Opportunities in Operations: Granules identifies several opportunities within our operations to enhance sustainability, reduce costs, and drive long-term growth. By optimizing our internal processes, adopting innovative technologies, and fostering a culture of environmental responsibility, we aim to strengthen our position as a leader in sustainable pharmaceutical manufacturing. Energy Efficiency and Emissions Reduction: One key opportunity lies in improving energy efficiency across our manufacturing sites and operations. By investing in energy-efficient equipment, implementing advanced process controls, and adopting renewable energy sources such as solar or wind power, we can significantly reduce our energy consumption and lower greenhouse gas emissions. This not only helps mitigate the risks associated with rising energy costs and stringent regulations but also allows us to capitalize on potential cost savings and access to green financing options. Waste Minimization and Circular Economy Practices: Granules also sees opportunities to enhance operational efficiency by minimizing waste and embracing circular economy principles. By optimizing our production processes to reduce raw material waste, recycling by-products, and improving waste management practices, we can lower disposal costs and reduce our environmental footprint. Additionally, adopting circular practices, such as reusing solvents and other materials, enables us to create a more sustainable production cycle, potentially leading to new revenue streams from recycled materials and by-products. Water Conservation and Management: Water conservation is another critical opportunity area for our operations. We are focused on implementing advanced water management technologies, such as closed-loop systems and water recycling, to reduce water usage and minimize wastewater discharge. By doing so, we mitigate risks related to water scarcity and regulatory compliance while also reducing operational costs associated with water procurement and treatment. This proactive approach enhances our resilience to climate-related water risks and strengthens our reputation among stakeholders concerned with sustainable water use. Digitalization and Process Optimization: Granules can further capitalize on opportunities by leveraging digital technologies and data analytics to optimize production processes. Through digitalization, we can enhance process efficiency, improve product quality, and reduce resource consumption. Implementing smart manufacturing technologies, such as IoT sensors and real-time monitoring systems, enables us to identify inefficiencies, predict maintenance needs, and reduce downtime, contributing to operational cost savings and improved environmental performance. Employee Engagement and Training: Engaging and training our workforce on sustainability practices presents another opportunity to drive positive environmental outcomes. By fostering a culture of sustainability, providing
[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

☑ Revenues

☑ Direct costs

☑ Indirect costs

☑ Capital expenditures

☑ Capital allocation

(5.3.2.2) Effect type

Select all that apply

☑ Risks

☑ 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

(5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

Revenues: Environmental risks and opportunities directly impact Granules' revenue. Growing demand for sustainable pharmaceutical products and compliance with environmental standards create new market opportunities. Conversely, failing to meet regulatory or consumer sustainability expectations could lead to market share loss, reduced sales, or penalties. By aligning our products with environmental requirements, Granules can capitalize on growing markets, enhance customer loyalty, and potentially achieve premium pricing for eco-friendly products. Direct Costs: Environmental risks affect direct costs, especially in raw material sourcing and production processes. Transitioning to sustainable materials and energy-efficient technologies may result in higher upfront costs but can lead to long-term savings in waste management, energy consumption, and regulatory compliance. Additionally, optimizing the supply chain to reduce environmental impact can generate savings through minimized waste, energy use, and water consumption. Indirect Costs: Indirect costs, such as overhead and operational inefficiencies, are influenced by environmental factors. Investments in energy-efficient equipment, water conservation, and waste management systems can reduce utility bills, disposal fees, and compliance costs. Failure to manage environmental risks, such as stricter regulations or penalties for non-compliance, could increase indirect costs. Adopting sustainable practices may also lower insurance costs and enhance reputational management. Capital Expenditures: Environmental opportunities drive capital expenditures towards sustainable projects like renewable energy installations, energy-efficient machinery upgrades, and green building practices. Although these investments involve substantial initial costs, they offer long-term savings, increased efficiency, and regulatory compliance. Investing in sustainability also mitigates risks from potential future regulations and resource scarcity. Capital Allocation: Environmental factors shape Granules' capital allocation, with an emphasis on sustainability-focused projects like R&D in green chemistry, process optimization, and waste reduction initiatives. Strategic investment in these areas ensures regulatory compliance, meets investor expectations, and strengthens the company's competitive position in the sustainable pharmaceutical sector.
[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	Indicate the level at which you identify the alignment of your spending/revenue with a sustainable finance taxonomy
	Select from: ☑ Yes	*Select all that apply* ☑ A sustainable finance taxonomy	*Select from:* ☑ At both the organization and activity level

[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:

☑ A sustainable finance taxonomy

(5.4.1.2) Taxonomy under which information is being reported

Select from:

☑ EU Taxonomy for Sustainable Activities

(5.4.1.3) Objective under which alignment is being reported

Select from:

☑ Total across climate change mitigation and climate change adaption

(5.4.1.4) Indicate whether you are reporting eligibility information for the selected objective

Select from:

☑ Yes

(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)

945500000

(5.4.1.7) Percentage share of selected financial metric aligned in the reporting year (%)

25

(5.4.1.8) Percentage share of selected financial metric planned to align in 2025 (%)

25

(5.4.1.9) Percentage share of selected financial metric planned to align in 2030 (%)

25

(5.4.1.10) Percentage share of financial metric that is taxonomy-eligible in the reporting year (%)

25

(5.4.1.11) Percentage share of financial metric that is taxonomy non-eligible in the reporting year (%)

75

(5.4.1.12) Details of the methodology or framework used to assess alignment with your organization’s climate transition

Granules India Limited employs a comprehensive methodology to assess the alignment of its financial activities with its climate transition goals. This approach is founded on internationally recognized frameworks such as the EU Taxonomy for Sustainable Activities, Science Based Targets initiative criteria, and TCFD recommendations. For revenue assessment, we evaluate product lines and services against green chemistry principles, energy efficiency, circular economy

contribution, and climate impact. Our spending assessment categorizes both capital and operational expenditures based on their contribution to emissions reduction and long-term sustainability

Row 2

(5.4.1.1) Methodology or framework used to assess alignment

Select from:

☑ A sustainable finance taxonomy

(5.4.1.2) Taxonomy under which information is being reported

Select from:

☑ EU Taxonomy for Sustainable Activities

(5.4.1.3) Objective under which alignment is being reported

Select from:

☑ Total across climate change mitigation and climate change adaption

(5.4.1.4) Indicate whether you are reporting eligibility information for the selected objective

Select from:

☑ Yes

(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)

72080000

(5.4.1.7) Percentage share of selected financial metric aligned in the reporting year (%)

5

(5.4.1.8) Percentage share of selected financial metric planned to align in 2025 (%)

10

(5.4.1.9) Percentage share of selected financial metric planned to align in 2030 (%)

10

(5.4.1.10) Percentage share of financial metric that is taxonomy-eligible in the reporting year (%)

5

(5.4.1.11) Percentage share of financial metric that is taxonomy non-eligible in the reporting year (%)

95

(5.4.1.12) Details of the methodology or framework used to assess alignment with your organization’s climate transition

Granules India Limited employs a comprehensive methodology to assess the alignment of its financial activities with its climate transition goals. This approach is founded on internationally recognized frameworks such as the EU Taxonomy for Sustainable Activities, Science Based Targets initiative criteria, and TCFD recommendations. For revenue assessment, we evaluate product lines and services against green chemistry principles, energy efficiency, circular economy contribution, and climate impact. Our spending assessment categorizes both capital and operational expenditures based on their contribution to emissions reduction and long-term sustainability
[Add row]

(5.4.2) Quantify the percentage share of your spending/revenue that was associated with eligible and aligned activities under the sustainable finance taxonomy in the reporting year.

Row 1

(5.4.2.1) Economic activity

Select from:

☑ Electricity generation using solar photovoltaic technology

(5.4.2.2) Taxonomy under which information is being reported

Select from:

☑ EU Taxonomy for Sustainable Activities

(5.4.2.3) Taxonomy alignment

Select from:

☑ Taxonomy-aligned

(5.4.2.4) Financial metrics

Select all that apply

☑ CAPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

☑ Activity enabling mitigation

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

20000000

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

0.6

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

50

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

50

Row 2

(5.4.2.1) Economic activity

Select from:

☑ Construction, extension and operation of waste water collection and treatment

(5.4.2.2) Taxonomy under which information is being reported

Select from:

☑ EU Taxonomy for Sustainable Activities

(5.4.2.3) Taxonomy alignment

Select from:

☑ Taxonomy-aligned

(5.4.2.4) Financial metrics

Select all that apply

☑ CAPEX

☑ OPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

☑ Activity enabling mitigation

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

86800000

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

2.3

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

60

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

40

(5.4.2.20) Taxonomy-aligned OPEX from this activity in the reporting year (currency)

9360000

(5.4.2.21) Taxonomy-aligned OPEX from this activity as % of total OPEX in the reporting year

1

(5.4.2.22) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change mitigation as a % of total OPEX in the reporting year

90

(5.4.2.23) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change adaptation as a % of total OPEX in the reporting year

10

Row 3

(5.4.2.1) Economic activity

Select from:

☑ Engineering activities and related technical consultancy dedicated to adaptation to climate change

(5.4.2.2) Taxonomy under which information is being reported

Select from:

☑ EU Taxonomy for Sustainable Activities

(5.4.2.3) Taxonomy alignment

Select from:

☑ Taxonomy-aligned

(5.4.2.4) Financial metrics

Select all that apply

☑ OPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

☑ Activity enabling adaptation

(5.4.2.20) Taxonomy-aligned OPEX from this activity in the reporting year (currency)

12000000

(5.4.2.21) Taxonomy-aligned OPEX from this activity as % of total OPEX in the reporting year

1

(5.4.2.22) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change mitigation as a % of total OPEX in the reporting year

60

(5.4.2.23) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change adaptation as a % of total OPEX in the reporting year

40

Row 4

(5.4.2.1) Economic activity

Select from:

☑ Material recovery from non-hazardous waste

(5.4.2.2) Taxonomy under which information is being reported

Select from:

☑ EU Taxonomy for Sustainable Activities

(5.4.2.3) Taxonomy alignment

Select from:

☑ Taxonomy-aligned

(5.4.2.4) Financial metrics

Select all that apply

☑ CAPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

☑ Activity enabling mitigation

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

261300000

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

6.8

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

50

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

50

Row 5

(5.4.2.1) Economic activity

Select from:

☑ Manufacture of other low carbon technologies

(5.4.2.2) Taxonomy under which information is being reported

Select from:

☑ EU Taxonomy for Sustainable Activities

(5.4.2.3) Taxonomy alignment

Select from:

☑ Taxonomy-aligned

(5.4.2.4) Financial metrics

Select all that apply

☑ CAPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

☑ Activity enabling adaptation

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

542500000

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

14.2

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

0

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

100

[Add row]

(5.4.3) Provide any additional contextual and/or verification/assurance information relevant to your organization's taxonomy alignment.

(5.4.3.1) Details of minimum safeguards analysis

We have successfully completed the minimum safeguards assessment for our activities in the pharmaceutical manufacturing sector in accordance with EU Taxonomy requirements. This assessment was conducted across all our manufacturing sites. To ensure compliance with the minimum safeguards criteria, we performed a

human rights risk assessment based on the UN Guiding Principles on Business and Human Rights. The specific risk mitigation measures identified from this analysis are set to be implemented by the end of 2025

(5.4.3.2) Additional contextual information relevant to your taxonomy accounting

We have detailed a long-term proposal in our CAPEX and OPEX planning document to invest in CERM projects and the manufacturing of Green Molecules towards our decarbonization and net zero goal

(5.4.3.3) Indicate whether you will be providing verification/assurance information relevant to your taxonomy alignment in question 13.1

Select from:

☑ Yes

[Fixed row]

(5.10) Does your organization use an internal price on environmental externalities?

	Use of internal pricing of environmental externalities	Primary reason for not pricing environmental externalities	Explain why your organization does not price environmental externalities
	Select from: ☑ No, but we plan to in the next two years	*Select from:* ☑ No standardized procedure	*We are currently working on internal carbon pricing. We aim to complete this by FY 24-25 as management has set a KPI for its completion.*

[Fixed row]

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

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Suppliers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Customers	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Investors and shareholders	*Select from:* ☑ Yes	*Select all that apply* ☑ Climate change
Other value chain stakeholders	*Select from:* ☑ Yes	*Select all that apply* ☑ 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:
☑ 76-99%

(5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

Granules identifies suppliers with significant environmental impacts based on their contributions to our Scope 3 emissions, raw material use, and water consumption. We prioritize suppliers with a carbon footprint 0.1% of Granules' Scope 3 footprint, located in high-risk regions, or involved in high-impact activities. Suppliers facing strict regulations or with poor sustainability practices are also key. This ensures we work with suppliers to address environmental issues.

(5.11.1.5) % Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Select from:
☑ 76-99%

(5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

436
[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

(5.11.2.4) Please explain

We engage with suppliers that have a significant impact on our climate-related goals, focusing on those whose operations or products contribute substantially to our overall emissions. These suppliers are prioritized based on material sourcing, procurement spend, and their potential environmental impact. By focusing on these critical suppliers, we aim to reduce emissions across our supply chain, increase resource efficiency, and promote sustainable practices in procurement. This structured approach ensures that our efforts in addressing climate change are both impactful and aligned with our overall sustainability strategy. Material sourcing is one of the critical areas in which we engage suppliers. We prioritize suppliers based on their procurement spend and the environmental risks associated with their sourced materials. Suppliers involved in high-spend or high-impact categories are engaged more closely to ensure they align with our sustainability goals, such as reducing carbon footprints and promoting eco-friendly sourcing practices. This enables us to manage environmental risks effectively while supporting our broader sustainability objectives.
[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:

☑ Yes, we have a policy in place for addressing non-compliance

(5.11.5.3) Comment

Granuel India ensures that all suppliers adhere to strict environmental requirements, which are embedded in our supplier contracts. These requirements align with our commitment to reducing our carbon footprint and supporting climate change mitigation across our supply chain. Suppliers are expected to implement sustainable practices, including energy efficiency measures, emissions reduction strategies, and proper waste management. In the event of non-compliance, we have a

structured policy in place that includes corrective action plans, periodic audits, and, if necessary, termination of the supplier relationship. This approach ensures that our supply chain supports our overall sustainability goals and maintains accountability throughout our operations.
[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:
☑ Disclosure of GHG emissions to your organization (Scope 1, 2 and 3)

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply
☑ Grievance mechanism/ Whistleblowing hotline
☑ 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:
☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:
☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ 26-50%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☑ 26-50%

(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:

☑ 1-25%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

(5.11.6.12) Comment

The disclosure of GHG emissions (Scope 1, 2, and 3) is critical for us to assess our overall carbon footprint. Suppliers are encouraged to disclose through our grievance mechanisms and self-assessment tools, ensuring transparency and enabling accurate Scope 3 emissions reporting. By monitoring compliance, we help suppliers improve their carbon performance, which is essential for achieving our climate goals.

Climate change

(5.11.6.1) Environmental requirement

Select from:

☑ Environmental disclosure through a public platform

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Grievance mechanism/ Whistleblowing hotline

☑ 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:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ 26-50%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☑ 26-50%

(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:

☑ 1-25%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

(5.11.6.12) Comment

Public environmental disclosure by suppliers allows us to verify their climate performance against industry standards and benchmarks such as CDP. This promotes accountability and supports our efforts to align our supply chain with global sustainability frameworks. Suppliers that comply help us increase transparency across the supply chain.

Climate change

(5.11.6.1) Environmental requirement

Select from:

☑ Implementation of a climate transition plan

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Grievance mechanism/ Whistleblowing hotline

☑ 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:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:
☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:
☑ 26-50%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:
☑ 26-50%

(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:
☑ 1-25%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply
☑ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

(5.11.6.12) Comment

Suppliers are required to implement their own climate transition plans to ensure that they are moving towards reduced emissions and energy efficiency. This step is key to supporting the collective effort to limit global warming. We monitor their progress through a combination of self-assessments and scorecards, which guide corrective action where necessary.

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

☑ Grievance mechanism/ Whistleblowing hotline

☑ 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:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ 26-50%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:
☑ 26-50%

(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:
☑ 26-50%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply
☑ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

(5.11.6.12) Comment

Suppliers are encouraged to actively participate in emissions reduction programs. We assess their compliance with these initiatives to ensure that they contribute meaningfully to Scope 3 emissions reduction. This engagement ensures that we are collectively working toward reducing the overall carbon footprint across the supply chain.

Climate change

(5.11.6.1) Environmental requirement

Select from:
☑ Monitoring and reduction of Product Carbon Footprint (PCF)/ product life-cycle emissions

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Grievance mechanism/ Whistleblowing hotline

☑ 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:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ 26-50%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☑ 26-50%

(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:

☑ 51-75%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

(5.11.6.12) Comment

Suppliers are tasked with monitoring their Product Carbon Footprint (PCF) to minimize the life-cycle emissions of their products. This ensures a more holistic approach to emissions management and encourages product innovation for sustainability. Our engagement is focused on continuous improvement in this area, which benefits both the environment and product competitiveness.

Climate change

(5.11.6.1) Environmental requirement

Select from:

☑ Reporting against a sustainability index (e.g., DJSI, CDP etc.)

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Grievance mechanism/ Whistleblowing hotline

☑ 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:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ 26-50%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☑ 26-50%

(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:

☑ 51-75%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

(5.11.6.12) Comment

By requiring suppliers to report against sustainability indices such as DJSI and CDP, we ensure that they meet globally recognized standards for environmental performance. This helps drive alignment with best practices and strengthens our sustainability reporting and achievements as a company.

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

☑ Grievance mechanism/ Whistleblowing hotline

☑ 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:

☑ 76-99%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

☑ 26-50%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

☑ 26-50%

(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:

☑ 51-75%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance

(5.11.6.12) Comment

We require suppliers to establish science-based targets, aligning their emissions reduction pathways with global climate goals. This enables us to collectively work toward limiting global temperature rise and achieving long-term sustainability objectives. Science-based targets also provide clarity and structure to our suppliers, ensuring that they take measurable steps towards emissions reduction.
[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 measure GHG emissions

☑ Support suppliers to set their own environmental commitments across their operations

Financial incentives

☑ Include long-term contracts linked to environmental commitments

Information collection

☑ Collect climate transition plan information at least annually from suppliers

☑ Collect targets information at least annually from suppliers

Innovation and collaboration

☑ Collaborate with suppliers on innovations to reduce environmental impacts in products and services

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

☑ Tier 2 suppliers

☑ Tier 3 suppliers

☑ Tier 4+ suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 76-99%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☑ 76-99%

(5.11.7.8) Number of tier 2+ suppliers engaged

500

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

At Granules, we require our suppliers to report comprehensive environmental data and actively encourage key suppliers to participate in CDP's Climate Change survey and other custom sustainability surveys. Our engagement with suppliers has led to high levels of participation, reflecting a broad commitment to environmental transparency across our supply chain. In addition to our CDP disclosure requests, we have worked directly with suppliers to enhance the completeness and accuracy of their reporting on Scope 1, 2, and 3 emissions. We have integrated sustainability criteria into our supplier sourcing and performance management processes, incorporating their practices for reporting, managing, and reducing emissions into our supplier scorecard evaluations. Since committing to our net-zero emissions goal, we have collaborated with key suppliers to create roadmaps for emissions reduction and have encouraged them to commit to 100% renewable energy for their operations. This engagement has significantly improved data quality and transparency, and has fostered a collective effort towards achieving our environmental goals.

(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 :On GHG Emissions Inventorization and Disclosures

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☑ Yes

[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

☑ Educate and work with stakeholders on understanding and measuring exposure to environmental risks

☑ Run an engagement campaign to educate stakeholders about the environmental impacts about your products, goods and/or services

☑ Share information about your products and relevant certification schemes

☑ Share information on environmental initiatives, progress and achievements

Innovation and collaboration

☑ Align your organization's goals to support customers' targets and ambitions

☑ Run a campaign to encourage innovation to reduce environmental impacts

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ 51-75%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ 51-75%

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

At Granuel India, customers are a key stakeholder group directly impacted by our products and services. Engaging customers on climate change is essential because they influence the demand for environmentally sustainable products and practices. The rationale for engaging them is to support their environmental goals, ensure compliance with emerging regulations, and align with market trends favoring lower-carbon solutions. Additionally, building strong partnerships through knowledge sharing helps both Granuel India and its customers mitigate climate risks and unlock new opportunities in sustainable product development. Our scope of engagement includes providing transparent information on environmental performance, offering certified sustainable products, and collaborating on initiatives aimed at reducing carbon footprints across the value chain.

(5.11.9.6) Effect of engagement and measures of success

Through our engagement, Granuel India has seen improved customer loyalty and increased demand for sustainable products. Specific measures of success include: The percentage increase in customer inquiries related to environmentally certified products. A measurable reduction in scope 3 emissions tied to customer use and disposal of our products. Positive feedback from customers about the alignment of our sustainability efforts with their corporate environmental goals. Collaborative projects with customers focused on innovation in reducing environmental impacts, such as material efficiency and end-of-life product recyclability. These efforts contribute to building long-term customer relationships while driving progress towards shared sustainability targets, including reductions in scope 3 emissions within the range of 51-75%.
[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:

(5.12.2) Environmental issues the initiative relates to

Select all that apply
☑ Climate change

(5.12.4) Initiative category and type

Change to supplier operations
☑ Increase proportion of renewable energy purchased

(5.12.5) Details of initiative

Granules India has initiated the development of an innovative product line for CVS Health, focusing on reducing upstream emissions by incorporating sustainable materials and advanced manufacturing processes. The initiative involves using recycled and bio-based materials that have a lower carbon footprint, while optimizing energy consumption in production. We are also investing in renewable energy sources and upgrading equipment to improve operational efficiency. The initiative aims

to achieve a measurable reduction in scope 1 and 2 emissions for Granules India's operations, with an additional emphasis on minimizing waste and enhancing product durability to lower the overall environmental impact throughout the supply chain.

(5.12.6) Expected benefits

Select all that apply

☑ Improved resource use and efficiency

☑ Reduction of own operational emissions (own scope 1 & 2)

(5.12.7) Estimated timeframe for realization of benefits

Select from:

☑ 1-3 years

(5.12.8) Are you able to estimate the lifetime CO2e and/or water savings of this initiative?

Select from:

☑ Yes, lifetime CO2e savings only

(5.12.9) Estimated lifetime CO2e savings

6000

(5.12.11) Please explain

Granuel India's initiative for CVS Health focuses on developing new products or services with lower upstream emissions, which directly contributes to reducing our scope 1 and 2 emissions. By optimizing resource use and improving energy efficiency within our operations, we anticipate significant CO2e savings over the product's lifetime. The focus of this initiative is on innovative materials and production processes that minimize energy consumption and reduce waste. While we estimate considerable CO2e savings, the exact value may vary based on changes in operational practices and energy mix during the initiative's implementation. The zero CO2e savings listed reflect that the initiative is still in early stages, and emissions reduction metrics will become measurable as the product lifecycle evolves over the next 1-3 years.

Row 2

(5.12.1) Requesting member

Select from:

(5.12.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.12.4) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.12.5) Details of initiative

For Teva Pharmaceuticals, Granules India is working on a new line of products designed to have a reduced upstream emissions footprint. This initiative involves redesigning key components of the product with more sustainable materials and using advanced production techniques that decrease energy consumption. Additionally, the initiative focuses on improving the efficiency of Teva's operations by reducing the energy intensity of our products, ultimately leading to lower operational emissions for our customer (Teva). This collaboration also includes providing customers with eco-friendly product alternatives and conducting lifecycle assessments to monitor and further reduce environmental impacts across the product's lifecycle.

(5.12.6) Expected benefits

Select all that apply

☑ Improved resource use and efficiency

☑ Reduction of customers' operational emissions (customer scope 1 & 2)

(5.12.7) Estimated timeframe for realization of benefits

Select from:

☑ 1-3 years

(5.12.8) Are you able to estimate the lifetime CO2e and/or water savings of this initiative?

Select from:

☑ Yes, lifetime CO2e savings only

(5.12.9) Estimated lifetime CO2e savings

1500

(5.12.11) Please explain

For Teva Pharmaceuticals, Granules India's initiative is aimed at delivering new products that offer a lower upstream emissions footprint, thereby supporting the reduction of scope 1 and 2 emissions for our customers. By improving resource efficiency and utilizing more sustainable materials, we enable our customers to reduce their operational emissions without compromising product performance. The estimated CO2e savings reflect anticipated reductions based on energy efficiency and material substitution strategies. Over the next 1-3 years, we expect tangible improvements in both environmental and operational performance, with precise CO2e metrics being monitored and reported throughout the product lifecycle.

Row 3

(5.12.1) Requesting member

Select from:

(5.12.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.12.4) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.12.5) Details of initiative

Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.12.6) Expected benefits

Select all that apply

☑ Improved resource use and efficiency

☑ Reduction of own operational emissions (own scope 1 & 2)

(5.12.7) Estimated timeframe for realization of benefits

Select from:

☑ 1-3 years

(5.12.8) Are you able to estimate the lifetime CO2e and/or water savings of this initiative?

Select from:

☑ Yes, lifetime CO2e savings only

(5.12.9) Estimated lifetime CO2e savings

4500

(5.12.11) Please explain

Granules India's initiative is aimed at delivering new products that offer a lower upstream emissions footprint, thereby supporting the reduction of scope 1 and 2 emissions for our customers. By improving resource efficiency and utilizing more sustainable materials, we enable our customers to reduce their operational emissions without compromising product performance. The estimated CO2e savings reflect anticipated reductions based on energy efficiency and material substitution strategies. Over the next 1-3 years, we expect tangible improvements in both environmental and operational performance, with precise CO2e metrics being monitored and reported throughout the product lifecycle.

Row 4

(5.12.1) Requesting member

Select from:

(5.12.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.12.4) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.12.5) Details of initiative

Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.12.6) Expected benefits

Select all that apply

☑ Improved resource use and efficiency

☑ Reduction of own operational emissions (own scope 1 & 2)

(5.12.7) Estimated timeframe for realization of benefits

Select from:

☑ 1-3 years

(5.12.8) Are you able to estimate the lifetime CO2e and/or water savings of this initiative?

Select from:

☑ Yes, lifetime CO2e savings only

(5.12.9) Estimated lifetime CO2e savings

600

(5.12.11) Please explain

Granules India's initiative is aimed at delivering new products that offer a lower upstream emissions footprint, thereby supporting the reduction of scope 1 and 2 emissions for our customers. By improving resource efficiency and utilizing more sustainable materials, we enable our customers to reduce their operational emissions without compromising product performance. The estimated CO2e savings reflect anticipated reductions based on energy efficiency and material substitution strategies. Over the next 1-3 years, we expect tangible improvements in both environmental and operational performance, with precise CO2e metrics being monitored and reported throughout the product lifecycle.
[Add row]

(5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement?

	Environmental initiatives implemented due to CDP Supply Chain member engagement
	Select from: ☑ Yes

[Fixed row]

(5.13.1) Specify the CDP Supply Chain members that have prompted your implementation of mutually beneficial environmental initiatives and provide information on the initiatives.

Row 1

(5.13.1.1) Requesting member

Select from:

(5.13.1.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.13.1.4) Initiative ID

Select from:

☑ Ini1

(5.13.1.5) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.13.1.6) Details of initiative

We are disclosing the CDP disclosure 2024 as a part of request by CVS Health. This will help us to track our progress towards sustainability. Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.13.1.7) Benefits achieved

Select all that apply

☑ Improved resource use and efficiency

☑ Increased transparency of upstream/downstream value chain

☑ Reduction of own operational emissions (own scope 1 & 2)

(5.13.1.8) Are you able to provide figures for emissions savings or water savings in the reporting year?

Select from:

☑ Yes, emissions savings only

(5.13.1.9) Estimated savings in the reporting year in metric tons of CO2e

1665

(5.13.1.11) Please explain how success for this initiative is measured

Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.13.1.12) Would you be happy for CDP Supply Chain members to highlight this work in their external communication?

Select from:

☑ No

Row 2

(5.13.1.1) Requesting member

Select from:

(5.13.1.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.13.1.4) Initiative ID

Select from:

☑ Ini2

(5.13.1.5) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.13.1.6) Details of initiative

We are disclosing the CDP disclosure 2024 as a part of request by Teva Pharmaceuticals. This will help us to track our progress towards sustainability. Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.13.1.7) Benefits achieved

Select all that apply

☑ Improved resource use and efficiency

☑ Increased transparency of upstream/downstream value chain

☑ Reduction of own operational emissions (own scope 1 & 2)

(5.13.1.8) Are you able to provide figures for emissions savings or water savings in the reporting year?

Select from:

☑ Yes, emissions savings only

(5.13.1.9) Estimated savings in the reporting year in metric tons of CO2e

399

(5.13.1.11) Please explain how success for this initiative is measured

Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.13.1.12) Would you be happy for CDP Supply Chain members to highlight this work in their external communication?

Select from:

☑ No

Row 3

(5.13.1.1) Requesting member

Select from:

(5.13.1.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.13.1.4) Initiative ID

Select from:

☑ Ini3

(5.13.1.5) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.13.1.6) Details of initiative

We are disclosing the CDP disclosure 2024 as a part of request by Johnson & Johnson Consumer. This will help us to track our progress towards sustainability. Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.13.1.7) Benefits achieved

Select all that apply

☑ Improved resource use and efficiency

☑ Increased transparency of upstream/downstream value chain

☑ Reduction of own operational emissions (own scope 1 & 2)

(5.13.1.8) Are you able to provide figures for emissions savings or water savings in the reporting year?

Select from:

☑ Yes, emissions savings only

(5.13.1.9) Estimated savings in the reporting year in metric tons of CO2e

1205

(5.13.1.11) Please explain how success for this initiative is measured

Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.13.1.12) Would you be happy for CDP Supply Chain members to highlight this work in their external communication?

Select from:

☑ No

Row 4

(5.13.1.1) Requesting member

Select from:

(5.13.1.2) Environmental issues the initiative relates to

Select all that apply

☑ Climate change

(5.13.1.4) Initiative ID

Select from:

☑ Ini4

(5.13.1.5) Initiative category and type

Change to supplier operations

☑ Increase proportion of renewable energy purchased

(5.13.1.6) Details of initiative

We are disclosing the CDP disclosure 2024 as a part of request by Target Corporation. This will help us to track our progress towards sustainability. Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.13.1.7) Benefits achieved

Select all that apply

☑ Improved resource use and efficiency

☑ Increased transparency of upstream/downstream value chain

☑ Reduction of downstream value chain emissions (own scope 3)

(5.13.1.8) Are you able to provide figures for emissions savings or water savings in the reporting year?

Select from:

☑ Yes, emissions savings only

(5.13.1.9) Estimated savings in the reporting year in metric tons of CO2e

165

(5.13.1.11) Please explain how success for this initiative is measured

Granules is achieving significant reductions in Scope 1 and 2 emissions through the implementation of energy-efficient measures and the increased use of renewable energy. By optimizing energy consumption across its operations and adopting advanced energy-efficient technologies, the company has been able to lower its direct emissions (Scope 1). Furthermore, Granules has made substantial progress in its transition to renewable energy, with up to 50% of its energy now sourced from renewables at the company level. This strategic shift not only reduces its indirect emissions (Scope 2) but also aligns with its long-term sustainability goals and commitment to minimizing its environmental impact.

(5.13.1.12) Would you be happy for CDP Supply Chain members to highlight this work in their external communication?

Select from:

☑ No

[Add row]

C6. Environmental Performance - Consolidation Approach

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

Climate change

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

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

We have chosen the operational control approach for consolidating our environmental performance data because it aligns with our ability to manage and influence the environmental practices and policies of our operations. This approach allows us to report emissions and other environmental data from all facilities and activities where we have the authority to introduce and implement operational policies, ensuring that we capture the full scope of our environmental impact. By using the operational control approach, we can effectively monitor, manage, and reduce our greenhouse gas emissions, energy use, water consumption, and waste generation across all sites where we have direct control. This method provides a consistent and accurate reflection of our environmental performance and supports our commitment to achieving sustainability targets by focusing on the areas where we have the greatest ability to drive change.
[Fixed row]

C7. Environmental performance - Climate Change

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

Select from:
☑ No

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

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

[Fixed row]

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

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

[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

☑ Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019

☑ India GHG Inventory Programme

☑ IPCC Guidelines for National Greenhouse Gas Inventories, 2006

☑ Other, please specify :•GWPs considered from IPCC AR6 WGI Report •DEFRA GHG conversion factors 2022 •GHG Emission factors for Fuels from 2006 •Emission factors for grid energy from Central Electricity Authority

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

	Scope 2, location-based	Scope 2, market-based	Comment
	Select from: ☑ We are reporting a Scope 2, location-based figure	*Select from:* ☑ We are reporting a Scope 2, market-based figure	*GHG Protocol Scope 2 guidance is used for calculations*

[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

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

58254

(7.5.3) Methodological details

Fuel consumption data and its specific emission factor (IPCC & DEFRA)

Scope 2 (location-based)

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

63078

(7.5.3) Methodological details

Units of electricity consumed and corresponding emission factor (CEA factor)

Scope 2 (market-based)

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

34519

(7.5.3) Methodological details

Units of electricity consumed and corresponding emission factor (CEA factor)

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

519808

(7.5.3) Methodological details

Supplier-specific method & Hybrid method

Scope 3 category 2: Capital goods

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

28830

(7.5.3) Methodological details

Hybrid method & Average-product method

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

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

23453

(7.5.3) Methodological details

Average-data method

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

8640

(7.5.3) Methodological details

Distance-based method

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

3721

(7.5.3) Methodological details

Waste-type-specific method

Scope 3 category 6: Business travel

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

931

(7.5.3) Methodological details

Distance-based method

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

2089

(7.5.3) Methodological details

Fuel-based method

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

7781

(7.5.3) Methodological details

Lessor-specific method

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

25924

(7.5.3) Methodological details

Distance-based method

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

41188

(7.5.3) Methodological details

Average-data method

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

(7.5.1) Base year end

03/30/2024

(7.5.2) Base year emissions (metric tons CO2e)

4330

(7.5.3) Methodological details

Average-data method
[Fixed row]

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

	Gross global Scope 1 emissions (metric tons CO2e)	End date	Methodological details
Reporting year	*58254*	*Date input [must be between [10/01/2015 - 10/01/2023]*	*Fuel consumption data and its specific emission factor (IPCC & DEFRA) and Fuel consumption data and its specific emission factor*
Past year 1	*57816*	*03/30/2023*	*Fuel consumption data and its specific emission factor (IPCC & DEFRA) and Fuel consumption data and its specific emission factor*
Past year 2	*56262*	*03/30/2022*	*Fuel consumption data and its specific emission factor (IPCC & DEFRA) and Fuel consumption data and its specific emission factor*

[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)

63078

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

34519

(7.7.4) Methodological details

Units of electricity consumed and corresponding emission factor (CEA factor) and Units of electricity consumed and corresponding emission factor

Past year 1

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

64101

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

57974

(7.7.3) End date

03/30/2023

(7.7.4) Methodological details

Units of electricity consumed and corresponding emission factor (CEA factor) and Units of electricity consumed and corresponding emission factor

Past year 2

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

50527

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

45470

(7.7.3) End date

03/30/2022

(7.7.4) Methodological details

Units of electricity consumed and corresponding emission factor (CEA factor) and Units of electricity consumed and corresponding emission factor [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)

519808

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Supplier-specific method

☑ Hybrid method

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

85

(7.8.5) Please explain

Data Collected from the Suppliers,At Granules, the majority of our purchased goods and services emissions originate from Active Pharmaceutical Ingredients (APIs), Key Startup Materials (KSMs).Solvents and Packaging materials.Key raw materials include PAP, Acetic Anhydride, DCDA, Ibuprofen and Metformin HCL Etc..

Capital goods

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

28830

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Hybrid method

☑ Average product method

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

25

(7.8.5) Please explain

Data collected from Suppliers of the Capital goods,At Granules, the majority of our capital goods emissions originate from purchase of pharma manufacturing equipment's. Granules procures many capital goods that aid its operations of producing API, PFI and finished dosages. Key capital goods include compression machines, tablet printing machines, coating granulators, air receiver tanks etc.,

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

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

23453

(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

90

(7.8.5) Please explain

At Granules, we consume the electricity and fuels like Coal, HSD, Furnace oil etc in the manufacturing operations of pharmaceutical products. Hence the majority of our Fuel and Energy related activities emissions originate from generation and transmission of electricity from grid and extraction, exploration, production and transportation of the fuels like Coal, Diesel, Furnace oil.

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

8640

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Distance-based method

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

100

(7.8.5) Please explain

At Granules, the majority of our upstream transportation and distribution emissions generated during the transportation of all materials like APIs,RM,KSMs,Packaging materials etc used in your pharmaceutical product manufacturing. Majority of the suppliers of raw materials, packing materials and MRO (Maintenance, Repair & Operations) items used in the manufacturing of our products are situated in India and China. RM and PM are usually transported from the suppliers / traders' site by sea and road with air shipments constituting a small share of the inbound shipments.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

3721

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Waste-type-specific method

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

100

(7.8.5) Please explain

At Granules, the majority of our "Waste generated in operations" emissions generated during the transportation, treatment, disposal of Waste and Waste water generated in the pharmaceutical manufacturing process. As a company that produces pharmaceutical APIs, PFIs and finished dosages, we generate and dispose waste under two categories namely liquid waste (effluent) and solid waste. Solid waste is further divided into sub-categories basis the chosen disposal methods. Effluent waste undergoes primary treatment within Granules' premises and is then disposed to Central Effluent Treatment Plants (CETPs). The methods of treatment of various solid wastes are described below. All the figures for absolute emissions include both emissions due to transportation of the waste to respective 3rd party treatment facilities and emissions due to treatment of the waste in such facilities

Business travel

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

931

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Distance-based method

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

90

(7.8.5) Please explain

At Granules, the majority of our "business travel "emissions generated during the travelling (by road,by train,by air, including local travel by bus,car,auto etc) and staying during the business visits like meetings, conferences, site visits, and training sessions. Primary modes of transportation used by employees during business

travel are flights and cars for which company authorized travel service partners are available. Employees also use trains, buses and hotels during business travel for which they are reimbursed at actuals basis rules outlined in the company travel policy guidelines

Employee commuting

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

2089

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Fuel-based method

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

100

(7.8.5) Please explain

At Granules,the majority of our "employee commuting " emissions generated through employees travel between home and work places by various modes of transportation used by employees such as company provided bus,employee owned vehicles like two wheeler,car and public transport like bus,Metro train,Auto etc.

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

7781

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Lessor-specific method

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

90

(7.8.5) Please explain

At Granules, the majority of our "upstream leased assets “emissions generated from Leased Ware houses, Guest house/Hostels,Laptops etc.Granules has taken warehouses, hostels and IT assets on lease basis. The emissions from the utilisation of these assets for operations of Granules been estimated in this category.

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

25924

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Distance-based method

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

100

(7.8.5) Please explain

At Granules, The majority of our downstream transportation and distribution emissions generated during the transportation of Finished dosage formulations, Pharmaceutical formulation Ingredients (PFIs) and Active Pharmaceutical Ingredients (APIs).Majority of the customers of Granules India Limited are concentrated in Europe, Americas and Australia. Typical products include API (Active Pharmaceutical Ingredient), PFI (Pharmaceutical Formulation Intermediate) and Finished Dosage (FD) that are primarily shipped to customers via sea and air. For domestic customers, sales primarily comprise of API with a small portion of PFI which are transported via road.

Processing of sold products

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

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

41188

(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

100

(7.8.5) Please explain

Granules India Limited Manufactures Active Pharmaceutical Ingredients (API) and Pharmaceutical Formulation Intermediates (PFIs) which are sold to other pharma. companies that transform them further into Finished Dosage (FD) for use by end consumers.

Use of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

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)

4330

(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

100

(7.8.5) Please explain

End products are consumed by Humans hence this category is not relevant,Granules India Limited sells a mix of Active Pharmaceutical Ingredients (API), Pharmaceutical Formulation Intermediates (PFI) and Finished Dosages (FD) to its customers. We have accounted for treatment of waste from processing of sold APIs / PFIs to FD by our customers. We have further accounted for the packaging waste disposed once finished dosages, produced by Granules India Ltd., are consumed by our customers

Downstream leased assets

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

No downstream leased assets

Franchises

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

No Franchises

Investments

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

No Investments
[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

03/30/2023

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

496688

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

14854

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

21510

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

8421

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

3098

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

332

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

1790

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

4970

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

25245

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

46658

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

0

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

4059

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

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

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

Scope-3 data at consolidated level

Past year 2

(7.8.1.1) End date

03/30/2022

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

452270

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

25084

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

20406

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

7517

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

3237

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

846

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

1898

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

6770

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

22556

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

35837

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

0

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

3767

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

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

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

Scope-3 data at consolidated level
[Fixed row]

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

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

[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:

☑ Limited assurance

(7.9.1.4) Attach the statement

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(7.9.1.5) Page/section reference

1-4

(7.9.1.6) Relevant standard

Select from:

☑ AA1000AS

(7.9.1.7) Proportion of reported emissions verified (%)

90

Row 2

(7.9.1.1) Verification or assurance cycle in place

Select from:

☑ Annual process

(7.9.1.2) Status in the current reporting year

Select from:

☑ Complete

(7.9.1.3) Type of verification or assurance

Select from:

☑ Limited assurance

(7.9.1.4) Attach the statement

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(7.9.1.5) Page/section reference

1-4

(7.9.1.6) Relevant standard

Select from:

☑ ISO14064-1

(7.9.1.7) Proportion of reported emissions verified (%)

90

Row 3

(7.9.1.1) Verification or assurance cycle in place

Select from:

☑ Annual process

(7.9.1.2) Status in the current reporting year

Select from:
☑ Complete

(7.9.1.3) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.1.4) Attach the statement

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(7.9.1.5) Page/section reference

1-4

(7.9.1.6) Relevant standard

Select from:
☑ ISO14064-3

(7.9.1.7) Proportion of reported emissions verified (%)

90
[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:

☑ Third party verification/assurance underway

(7.9.2.5) Attach the statement

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(7.9.2.6) Page/ section reference

1-4

(7.9.2.7) Relevant standard

Select from:

☑ AA1000AS

(7.9.2.8) Proportion of reported emissions verified (%)

90

Row 2

(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:

☑ Third party verification/assurance underway

(7.9.2.5) Attach the statement

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(7.9.2.6) Page/ section reference

1-4

(7.9.2.7) Relevant standard

Select from:

☑ ISO14064-1

(7.9.2.8) Proportion of reported emissions verified (%)

90

Row 3

(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:
☑ Third party verification/assurance underway

(7.9.2.5) Attach the statement

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(7.9.2.6) Page/ section reference

1-4

(7.9.2.7) Relevant standard

Select from:

☑ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

90

Row 4

(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:

☑ Third party verification/assurance underway

(7.9.2.5) Attach the statement

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(7.9.2.6) Page/ section reference

1-4

(7.9.2.7) Relevant standard

Select from:
☑ AA1000AS

(7.9.2.8) Proportion of reported emissions verified (%)

90

Row 5

(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:
☑ Third party verification/assurance underway

(7.9.2.5) Attach the statement

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(7.9.2.6) Page/ section reference

1-4

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-1

(7.9.2.8) Proportion of reported emissions verified (%)

90

Row 6

(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:
☑ Third party verification/assurance underway

(7.9.2.5) Attach the statement

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(7.9.2.6) Page/ section reference

1-4

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

90
[Add row]

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

Row 1

(7.9.3.1) Scope 3 category

Select all that apply
☑ Scope 3: Capital goods
☑ Scope 3: Business travel
☑ Scope 3: Employee commuting
☑ Scope 3: Upstream leased assets
☑ 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: Processing of sold products

☑ 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:

☑ Third party verification/ assurance underway

(7.9.3.5) Attach the statement

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(7.9.3.6) Page/section reference

1-4

(7.9.3.7) Relevant standard

Select from:

☑ AA1000AS

(7.9.3.8) Proportion of reported emissions verified (%)

90

Row 2

(7.9.3.1) Scope 3 category

Select all that apply

- ☑ Scope 3: Capital goods
- ☑ Scope 3: Business travel
- ☑ Scope 3: Employee commuting
- ☑ Scope 3: Upstream leased assets
- ☑ Scope 3: Processing of sold products
- ☑ Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)
- ☑ 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

(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

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(7.9.3.6) Page/section reference

1-4

(7.9.3.7) Relevant standard

Select from:

☑ ISO14064-1

(7.9.3.8) Proportion of reported emissions verified (%)

90

Row 3

(7.9.3.1) Scope 3 category

Select all that apply

☑ Scope 3: Capital goods

☑ Scope 3: Business travel

☑ Scope 3: Employee commuting

☑ Scope 3: Upstream leased assets

☑ Scope 3: Processing of sold products

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

☑ 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

(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

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(7.9.3.6) Page/section reference

1-4

(7.9.3.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.3.8) Proportion of reported emissions verified (%)

90
[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:
☑ Increased

(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 CO2e)

23017

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.3) Emissions value (percentage)

20

(7.10.1.4) Please explain calculation

Increase in Reenable energy Consumption through PPA,Onsite solar and I_RECs

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

655

(7.10.1.2) Direction of change in emissions

Select from:

☑ Decreased

(7.10.1.3) Emissions value (percentage)

1

(7.10.1.4) Please explain calculation

During FY 23-24, Granules India Ltd implemented a range of initiatives to improve energy efficiency, reduce greenhouse gas (GHG) emissions, and conserve water across its facilities. These efforts yielded substantial energy savings and significantly bolstered the company's commitment to environmental sustainability. A key initiative included the replacement of outdated vacuum pumps at GIL-1 Bonthapally, resulting in a notable energy saving of 70,296 KWH. Upgrading conventional belt-driven blower motors at GIL-GGP to energy-efficient EC blowers saved 474,272 KWH. Implementing interlocks on RT pumps at GIL-1 Bonthapally, which automatically shut down upon reaching preset temperatures, contributed an additional 28,244 KWH in energy savings. Moreover, the installation of rooftop solar panels at GIL-GGP facilitated the direct generation and utilization of solar energy. Additional measures such as implementing auto cut-off systems for cooling tower

fans, installing Variable Frequency Drives (VFDs) on motors, and integrating automatic tube cleaning systems for chillers also resulted in significant energy efficiencies. In total, these initiatives achieved an annual energy savings of 915,945 KWH. Furthermore, by purchasing Renewable Energy Certificates amounting to 33,000 MWh and harnessing solar energy, Granules India Ltd avoided emitting 28,700 metric tons of GHG emissions, thereby contributing significantly to environmental protection. Notably, GIL-GGP alone achieved a commendable 17.98% utilization of renewable energy. These energy-saving measures also led to substantial financial savings, totalling approximately INR 120.23 lakhs across all units.
[Fixed row]

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

Select from:
☑ Location-based

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

Select from:
☑ No

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

Select from:
☑ No

(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.

	Scope 1 emissions (metric tons CO2e)	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
India	*56385*	*61012*	*32453*
United States of America	*1869*	*2065*	*2065*

[Fixed row]

(7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

Select all that apply

☑ By business division

(7.17.1) Break down your total gross global Scope 1 emissions by business division.

	Business division	Scope 1 emissions (metric ton CO2e)
Row 1	*Granules India Limited*	*56254*
Row 2	*GRANULES PHARMACEUTICALS INC*	*1673*
Row 3	*GRANULES USA INC*	*196*
Row 4	*Granules Life Sciences Private Limited*	*57*
Row 5	*Granules CZRO Private Limited*	*74*

[Add row]

(7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

Select all that apply

☑ By business division

(7.20.1) Break down your total gross global Scope 2 emissions by business division.

	Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	*Granules India Limited*	*60191*	*31632*
Row 2	*GRANULES PHARMACEUTICALS INC*	*1679*	*1679*
Row 3	*GRANULES USA INC*	*386*	*386*
Row 4	*Granules Life Sciences Private Limited*	*808*	*808*
Row 5	*Granules CZRO Private Limited*	*13*	*13*

[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.

	Scope 1 emissions (metric tons CO2e)	Scope 2, location-based emissions (metric tons CO2e)	Scope 2, market-based emissions (metric tons CO2e)
Consolidated accounting group	*56254*	*63078*	*34519*
All other entities	*2001*	*2886*	*2886*

[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:

☑ Yes

(7.23.1) Break down your gross Scope 1 and Scope 2 emissions by subsidiary.

Row 1

(7.23.1.1) Subsidiary name

GRANULES PHARMACEUTICALS INC

(7.23.1.2) Primary activity

Select from:
☑ Pharmaceuticals

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply
☑ Other unique identifier, please specify :USA Fedaral Tax ID : 472137127

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

1673

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

1679

(7.23.1.14) Scope 2, market-based emissions (metric tons CO2e)

1679

(7.23.1.15) Comment

This tracking will help us to know that how can we target GHG emission reduction.

Row 2

(7.23.1.1) Subsidiary name

GRANULES USA INC

(7.23.1.2) Primary activity

Select from:

☑ Pharmaceuticals

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ Other unique identifier, please specify :USA Federal Tax Id: 320065132

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

196

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

386

(7.23.1.14) Scope 2, market-based emissions (metric tons CO2e)

386

(7.23.1.15) Comment

This tracking will help us to know that how can we target GHG emission reduction.

Row 3

(7.23.1.1) Subsidiary name

Granules Life Sciences Private Limited

(7.23.1.2) Primary activity

Select from:

☑ Pharmaceuticals

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ Other unique identifier, please specify **:**India GST :36AAICG7068D1ZH

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

57

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

808

(7.23.1.14) Scope 2, market-based emissions (metric tons CO2e)

808

(7.23.1.15) Comment

This tracking will help us to know that how can we target GHG emission reduction.

Row 4

(7.23.1.1) Subsidiary name

Granules CZRO Private Limited

(7.23.1.2) Primary activity

Select from:

☑ Pharmaceuticals

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

☑ Other unique identifier, please specify :India GST No :36AAKCC8412H1ZL

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

74

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

13

(7.23.1.14) Scope 2, market-based emissions (metric tons CO2e)

13

(7.23.1.15) Comment

This tracking will help us to know that how can we target GHG emission reduction.
[Add row]

(7.26) Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period.

Row 1

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

☑ Scope 3

(7.26.3) Scope 3 category(ies)

Select all that apply

☑ Category 2: Capital goods

☑ Category 6: Business travel

☑ Category 7: Employee commuting

☑ Category 8: Upstream leased assets

☑ Category 1: Purchased goods and services

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

☑ Category 10: Processing of sold products

☑ Category 5: Waste generated in operations

☑ Category 12: End-of-life treatment of sold products

☑ Category 4: Upstream transportation and distribution

☑ Category 9: Downstream transportation and distribution

(7.26.4) Allocation level

Select from:

☑ Company wide

(7.26.6) Allocation method

Select from:

☑ Allocation based on the volume of products purchased

(7.26.7) Unit for market value or quantity of goods/services supplied

Select from:

☑ Currency

(7.26.8) Market value or quantity of goods/services supplied to the requesting member

2500000000

(7.26.9) Emissions in metric tonnes of CO2e

37000

(7.26.10) Uncertainty (±%)

5

(7.26.11) Major sources of emissions

Purchase Good and Services

(7.26.12) Allocation verified by a third party?

Select from:
☑ No

(7.26.13) Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

We have allocated on the basis of customers business share

(7.26.14) Where published information has been used, please provide a reference

No, this has not been used.

Row 2

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:
☑ Scope 3

(7.26.3) Scope 3 category(ies)

Select all that apply

☑ Category 2: Capital goods
☑ Category 6: Business travel
☑ Category 7: Employee commuting
☑ Category 8: Upstream leased assets
☑ Category 1: Purchased goods and services
☑ Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)
☑ Category 10: Processing of sold products
☑ Category 5: Waste generated in operations
☑ Category 12: End-of-life treatment of sold products
☑ Category 4: Upstream transportation and distribution
☑ Category 9: Downstream transportation and distribution

(7.26.4) Allocation level

Select from:

☑ Company wide

(7.26.6) Allocation method

Select from:

☑ Allocation based on the volume of products purchased

(7.26.7) Unit for market value or quantity of goods/services supplied

Select from:

☑ Currency

(7.26.8) Market value or quantity of goods/services supplied to the requesting member

599999999

(7.26.9) Emissions in metric tonnes of CO2e

8800

(7.26.10) Uncertainty (±%)

5

(7.26.11) Major sources of emissions

purchased goods and Services

(7.26.12) Allocation verified by a third party?

Select from:
☑ No

(7.26.13) Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

We have allocated on the basis of customers business share

(7.26.14) Where published information has been used, please provide a reference

No, this has not been used.

Row 3

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:
☑ Scope 3

(7.26.3) Scope 3 category(ies)

Select all that apply
☑ Category 2: Capital goods
☑ Category 10: Processing of sold products

☑ Category 6: Business travel
☑ Category 7: Employee commuting
☑ Category 8: Upstream leased assets
☑ Category 1: Purchased goods and services
☑ Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)
☑ Category 5: Waste generated in operations
☑ Category 12: End-of-life treatment of sold products
☑ Category 4: Upstream transportation and distribution
☑ Category 9: Downstream transportation and distribution

(7.26.4) Allocation level

Select from:
☑ Company wide

(7.26.6) Allocation method

Select from:
☑ Allocation based on the volume of products purchased

(7.26.7) Unit for market value or quantity of goods/services supplied

Select from:
☑ Currency

(7.26.8) Market value or quantity of goods/services supplied to the requesting member

1810000000

(7.26.9) Emissions in metric tonnes of CO2e

26700

(7.26.10) Uncertainty (±%)

5

(7.26.11) Major sources of emissions

Purchased goods and services

(7.26.12) Allocation verified by a third party?

Select from:

☑ No

(7.26.13) Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

We have allocated on the basis of customers business share

(7.26.14) Where published information has been used, please provide a reference

No.

Row 4

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

☑ Scope 3

(7.26.3) Scope 3 category(ies)

Select all that apply

☑ Category 2: Capital goods

☑ Category 6: Business travel

☑ Category 7: Employee commuting

☑ Category 8: Upstream leased assets

☑ Category 10: Processing of sold products

☑ Category 5: Waste generated in operations

☑ Category 12: End-of-life treatment of sold products

☑ Category 4: Upstream transportation and distribution

☑ Category 1: Purchased goods and services
☑ Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)
☑ Category 9: Downstream transportation and distribution

(7.26.4) Allocation level

Select from:
☑ Company wide

(7.26.6) Allocation method

Select from:
☑ Allocation based on the volume of products purchased

(7.26.7) Unit for market value or quantity of goods/services supplied

Select from:
☑ Currency

(7.26.8) Market value or quantity of goods/services supplied to the requesting member

250000000

(7.26.9) Emissions in metric tonnes of CO2e

3700

(7.26.10) Uncertainty (±%)

5

(7.26.11) Major sources of emissions

Purchased goods and services

(7.26.12) Allocation verified by a third party?

Select from:
☑ No

(7.26.13) Please explain how you have identified the GHG source, including major limitations to this process and assumptions made

We have allocated on the basis of customers business share

(7.26.14) Where published information has been used, please provide a reference

No.
[Add row]

(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

Currently we have allocated Scope 1 & 2 emissions. We are working towards Scope 3 Inventorization and will include the same in 2024
[Add row]

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

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

Select from:

☑ Yes

(7.28.2) Describe how you plan to develop your capabilities

Granules India has conducted Product Carbon Footprints (PCFs) for 5 key products, representing 65% of our sales and 59% of our dispatches by line-item count. To address growing customer demand for carbon transparency, we plan to allocate emissions to customers based on their purchase mix of these products. This approach will provide customers with a clearer understanding of the environmental impact of their purchases and support our efforts to reduce our overall carbon footprint. So based customer requests We will plan to allocate emissions to them based on their purchase mix.
[Fixed row]

(7.29) What percentage of your total operational spend in the reporting year was on energy?

Select from:

☑ More than 5% but less than or equal to 10%

(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)	*Select from:* ☑ No
Consumption of purchased or acquired electricity	*Select from:* ☑ Yes
Consumption of purchased or acquired heat	*Select from:* ☑ No
Consumption of purchased or acquired steam	*Select from:* ☑ No

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of purchased or acquired cooling	*Select from:* ☑ No
Generation of electricity, heat, steam, or cooling	*Select from:* ☑ No

[Fixed row]

(7.30.1) Report your organization’s energy consumption totals (excluding feedstocks) in MWh.

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:

☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

39887

(7.30.1.3) MWh from non-renewable sources

44179

(7.30.1.4) Total (renewable and non-renewable) MWh

84066

Total energy consumption

(7.30.1.1) Heating value

Select from:

☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

39887

(7.30.1.3) MWh from non-renewable sources

44179

(7.30.1.4) Total (renewable and non-renewable) MWh

84066
[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:

☑ India

(7.30.14.2) Sourcing method

Select from:

☑ Physical power purchase agreement (physical PPA) with a grid-connected generator

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Solar

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

6528

(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:

☑ India

(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

We are planning to increase this amount in future.

Row 2

(7.30.14.1) Country/area

Select from:

☑ India

(7.30.14.2) Sourcing method

Select from:

☑ Purchase from an on-site installation owned by a third party (on-site PPA)

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Solar

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

359

(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:

☑ India

(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

We are planning to increase this amount in future.

Row 3

(7.30.14.1) Country/area

Select from:
☑ India

(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:
☑ Solar

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

33000

(7.30.14.6) Tracking instrument used

Select from:

☑ I-REC

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ India

(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

We are planning to increase this amount in future.
[Add row]

(7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

India

(7.30.16.1) Consumption of purchased electricity (MWh)

117066

(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)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

117066.00

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

5943

(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)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

5943.00
[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

1.53

(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

92773

(7.45.3) Metric denominator

Select from:

☑ unit of production

(7.45.4) Metric denominator: Unit total

60626

(7.45.5) Scope 2 figure used

Select from:

☑ Market-based

(7.45.6) % change from previous year

26.7

(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

We consider this data as important because it will help us to set the targets.
[Add row]

(7.52) Provide any additional climate-related metrics relevant to your business.

Row 1

(7.52.1) Description

Select from:
☑ Waste

(7.52.2) Metric value

7236

(7.52.3) Metric numerator

7236

(7.52.4) Metric denominator (intensity metric only)

60626

(7.52.5) % change from previous year

17.3

(7.52.6) Direction of change

Select from:
☑ Increased

(7.52.7) Please explain

We have started focus on product footprint which will help us to track and reduce the waste.

Row 2

(7.52.1) Description

Select from:
☑ Energy usage

(7.52.2) Metric value

875

(7.52.3) Metric numerator

875

(7.52.4) Metric denominator (intensity metric only)

60626

(7.52.5) % change from previous year

0

(7.52.6) Direction of change

Select from:
☑ No change

(7.52.7) Please explain

We have tracked this and plan to reduce it in future.
[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, we consider this a science-based target, and the target is currently being reviewed 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

01/03/2024

(7.53.1.6) Target coverage

Select from:

☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Carbon dioxide (CO2)

(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 2 – Capital goods

☑ Scope 3, Category 6 – Business travel

☑ Scope 3, Category 7 – Employee commuting

☑ Scope 3, Category 8 - Upstream leased assets

☑ Scope 3, Category 1 – Purchased goods and services

☑ Scope 3, Category 10 – Processing of sold products

☑ Scope 3, Category 5 – Waste generated in operations

☑ Scope 3, Category 12 – End-of-life treatment of sold products

☑ Scope 3, Category 4 – Upstream transportation and distribution

☑ Scope 3, Category 9 – Downstream transportation and distribution

☑ Scope 3, Category 3 – Fuel- and energy- related activities (not included in Scope 1 or 2)

(7.53.1.11) End date of base year

03/30/2023

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

57816

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

57974

(7.53.1.14) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

496689

(7.53.1.15) Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)

14854

(7.53.1.16) Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)

21510

(7.53.1.17) Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)

8422

(7.53.1.18) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)

3098

(7.53.1.19) Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)

332

(7.53.1.20) Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)

1790

(7.53.1.21) Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)

4970

(7.53.1.22) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)

25246

(7.53.1.23) Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)

46658

(7.53.1.25) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)

4059

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

627628.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

743418.000

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

(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)

100

(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)

100

(7.53.1.37) Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

100

(7.53.1.38) Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)

100

(7.53.1.39) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)

100

(7.53.1.40) Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)

100

(7.53.1.41) Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)

100

(7.53.1.42) Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO2e)

100

(7.53.1.43) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)

100

(7.53.1.44) Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO2e)

100

(7.53.1.46) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)

100

(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)

100

(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

12/30/2050

(7.53.1.55) Targeted reduction from base year (%)

90

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

74341.800

(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)

57816

(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

57974

(7.53.1.59) Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

496689

(7.53.1.60) Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)

14854

(7.53.1.61) Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)

21510

(7.53.1.62) Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

8422

(7.53.1.63) Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)

3098

(7.53.1.64) Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)

332

(7.53.1.65) Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)

1790

(7.53.1.66) Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)

4970

(7.53.1.67) Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

25246

(7.53.1.68) Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)

46658

(7.53.1.70) Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)

4059

(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

627628.000

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

743418.000

(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

0.00

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

No Exclusions

(7.53.1.83) Target objective

Net Zero by 2030

(7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

We are underway of this target and we plan to achieve net zero by 2030. We have accounted many policies and frameworks, tracking of GHG data to be net zero.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☑ Yes

[Add row]

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

Select all that apply

☑ Net-zero targets

(7.54.3) Provide details of your net-zero target(s).

Row 1

(7.54.3.1) Target reference number

Select from:

☑ NZ1

(7.54.3.2) Date target was set

03/31/2024

(7.54.3.3) Target Coverage

Select from:

☑ Organization-wide

(7.54.3.4) Targets linked to this net zero target

Select all that apply

☑ Abs1

(7.54.3.5) End date of target for achieving net zero

12/30/2050

(7.54.3.6) Is this a science-based target?

Select from:

☑ Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative

(7.54.3.8) Scopes

Select all that apply

☑ Scope 1

☑ Scope 2

☑ Scope 3

(7.54.3.9) Greenhouse gases covered by target

Select all that apply

☑ Carbon dioxide (CO2)

(7.54.3.10) Explain target coverage and identify any exclusions

No Exclusions

(7.54.3.11) Target objective

Net Zero by 2050

(7.54.3.12) Do you intend to neutralize any residual emissions with permanent carbon removals at the end of the target?

Select from:

☑ Yes

(7.54.3.13) Do you plan to mitigate emissions beyond your value chain?

Select from:

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

(7.54.3.14) Do you intend to purchase and cancel carbon credits for neutralization and/or beyond value chain mitigation?

Select all that apply

☑ Yes, we plan to purchase and cancel carbon credits for neutralization at the end of the target

(7.54.3.15) Planned milestones and/or near-term investments for neutralization at the end of the target

Our big milestone is 2030. We consider 5,10,15 year plan as our milestones. We keep tracking the data every year.

(7.54.3.17) Target status in reporting year

Select from:
☑ Underway

(7.54.3.19) Process for reviewing target

Annually Reviewed by experts who can help us to know which direction should we move in.
[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 (only for rows marked *)
Under investigation	*2*	*`Numeric input*
To be implemented	*2*	*30000*

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Implementation commenced	*1*	*40000*
Implemented	*1*	*30000*
Not to be implemented	*0*	*`Numeric input*

[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

Energy efficiency in buildings

☑ Solar shading

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

20000

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

☑ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

500000

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

10000000

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 11-15 years

(7.55.2.9) Comment

This has been helpful as it has helped us in CO2 savings and we consider that this will further be more helpful for achieving our targets.

Row 2

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes
☑ Fuel switch

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

20000

(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 C0.4)

1000000

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

100000

(7.55.2.7) Payback period

Select from:

☑ <1 year

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☑ 6-10 years

(7.55.2.9) Comment

This has been helpful as it has helped us in CO2 savings and we consider that this will further be more helpful for achieving our targets.
[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:

☑ Dedicated budget for low-carbon product R&D

(7.55.3.2) Comment

Granules India has inked Pact with Greenko Company to produce KSM, Intermediates, and APIs using Green Energy and ensuring Zero Carbon Footprint for the product Produced.

Row 3

(7.55.3.1) Method

Select from:

☑ Dedicated budget for energy efficiency

(7.55.3.2) Comment

Energy Conservation is one of the focus areas to improve sustainability efforts across the organization. Granules India is closely working with National Productivity Council, Honeywell, and Siemens to identify areas of improvement in energy efficiency.
[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:

☑ No

(7.79) Has your organization canceled any project-based carbon credits within the reporting year?

Select from:

☑ No

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:

☑ No, but we plan to within the next two years

(10.1.3) Please explain

In FY 24, Granules registered with the Central Pollution Control Board (CPCB) under the Extended Producers Responsibility (EPR) as per the Plastic Waste Management Rules, under the Importers category. This significant initiative demonstrates Granules' steadfast commitment to waste management and environmental sustainability. The intent of EPR is to ensure that producers, importers, and brand owners take responsibility for the entire lifecycle of their products, particularly in managing Pre and post-consumer plastic waste. By adhering to these regulatory requirements, Granules not only ensures compliance but also actively participates in reducing plastic waste, promoting recycling, and enhancing resource efficiency. This registration underscores the company's dedication to minimizing its environmental footprint, fostering a circular economy, and raising consumer awareness about responsible plastic waste management. It reinforces Granules' pledge to stakeholders to prioritize sustainable and responsible business practices.
[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

Production/commercialization of durable plastic goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

☑ No

Usage of durable plastics goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

☑ No

Production/commercialization of plastic packaging

(10.2.1) Activity applies

Select from:

☑ No

Production/commercialization of goods/products packaged in plastics

(10.2.1) Activity applies

Select from:

☑ Yes

(10.2.2) Comment

As a pharmaceutical company, Granules India primarily uses plastics for product packaging, specifically employing LDPE (Low-Density Polyethylene) liners for flexible packaging to protect against moisture and contamination. They also utilize HDPE (High-Density Polyethylene) bottles, which are durable and chemically resistant, making them ideal for packaging various pharmaceutical products. Additionally, the company is working on sustainable packaging solutions, such as paper-based blisters and biodegradable packings, to further enhance environmental responsibility.

Provision/commercialization of services that use plastic packaging (e.g., food services)

(10.2.1) Activity applies

Select from:

☑ No

Provision of waste management and/or water management services

(10.2.1) Activity applies

Select from:

☑ No

Provision of financial products and/or services for plastics-related activities

(10.2.1) Activity applies

Select from:

☑ No

Other activities not specified

(10.2.1) Activity applies

Select from:

☑ No

[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)

2820

(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

90

(10.5.7) Please explain

Granules uses virgin plastics for packaging its pharmaceutical products to ensure compliance with stringent regulatory standards for safety, hygiene, and quality. The total weight of plastic packaging sold and/or used, along with the raw material content, is tracked as part of our sustainability efforts. Currently, the total weight of plastic packaging is [insert total weight here], with the raw material being predominantly virgin plastic to maintain the necessary standards required for pharmaceutical packaging integrity and safety.
[Fixed row]

(10.5.1) Indicate the circularity potential of the plastic packaging you sold and/or used.

	Percentages available to report for circularity potential	% of plastic packaging that is recyclable in practice at scale	Please explain
Plastic packaging used	*Select all that apply* ☑ % recyclable in practice and at scale	*80*	*In FY 23-24 About 1106 MT of Plastic waste is sent for recycling.*

[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.

Production of plastic

(10.6.1) Total weight of waste generated during the reporting year (Metric tons)

1106

(10.6.2) End-of-life management pathways available to report

Select all that apply

☑ Recycling

(10.6.4) % recycling

100

(10.6.12) Please explain

In FY 23-24 About 1106 MT of Plastic waste is sent for recycling.

Commercialization of plastic

(10.6.1) Total weight of waste generated during the reporting year (Metric tons)

0

(10.6.2) End-of-life management pathways available to report

Select all that apply

☑ Recycling

(10.6.12) Please explain

No commercialization as we are using the plastic as a packaging material for the pharmaceutical production meant for human consumption
[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

☑ Education & awareness

☑ Law & policy

[Fixed row]

(11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
	Select from: ☑ Yes, we use indicators	*Select all that apply* ☑ Response indicators ☑ Other, please specify :Shannon-Weiner Index

[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:

☑ No

(11.4.2) Comment

Most of Granules' facilities are located in dedicated industrial areas, away from regions with high biodiversity importance. However, we continuously assess and monitor our operations to ensure minimal environmental impact. In cases where facilities are near ecologically sensitive areas, we take proactive steps to mitigate any potential risks to biodiversity. We have implemented environmental management systems that include biodiversity considerations, ensuring compliance with local regulations and international standards. Our commitment to sustainability drives ongoing efforts to minimize emissions, manage waste, and protect natural resources in and around our operational areas.

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:

☑ No

(11.4.2) Comment

Most of Granules' facilities are located in dedicated industrial areas, away from regions with high biodiversity importance. However, we continuously assess and monitor our operations to ensure minimal environmental impact. In cases where facilities are near ecologically sensitive areas, we take proactive steps to mitigate any potential risks to biodiversity. We have implemented environmental management systems that include biodiversity considerations, ensuring compliance with local regulations and international standards. Our commitment to sustainability drives ongoing efforts to minimize emissions, manage waste, and protect natural resources in and around our operational areas.

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:

☑ No

(11.4.2) Comment

Most of Granules' facilities are located in dedicated industrial areas, away from regions with high biodiversity importance. However, we continuously assess and monitor our operations to ensure minimal environmental impact. In cases where facilities are near ecologically sensitive areas, we take proactive steps to mitigate any potential risks to biodiversity. We have implemented environmental management systems that include biodiversity considerations, ensuring compliance with local regulations and international standards. Our commitment to sustainability drives ongoing efforts to minimize emissions, manage waste, and protect natural resources in and around our operational areas.

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:

☑ No

(11.4.2) Comment

Most of Granules' facilities are located in dedicated industrial areas, away from regions with high biodiversity importance. However, we continuously assess and monitor our operations to ensure minimal environmental impact. In cases where facilities are near ecologically sensitive areas, we take proactive steps to mitigate any potential risks to biodiversity. We have implemented environmental management systems that include biodiversity considerations, ensuring compliance with local regulations and international standards. Our commitment to sustainability drives ongoing efforts to minimize emissions, manage waste, and protect natural resources in and around our operational areas.

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:

☑ No

(11.4.2) Comment

Most of Granules' facilities are located in dedicated industrial areas, away from regions with high biodiversity importance. However, we continuously assess and monitor our operations to ensure minimal environmental impact. In cases where facilities are near ecologically sensitive areas, we take proactive steps to mitigate any potential risks to biodiversity. We have implemented environmental management systems that include biodiversity considerations, ensuring compliance with local regulations and international standards. Our commitment to sustainability drives ongoing efforts to minimize emissions, manage waste, and protect natural resources in and around our operational areas.

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:

☑ No

(11.4.2) Comment

Most of Granules' facilities are located in dedicated industrial areas, away from regions with high biodiversity importance. However, we continuously assess and monitor our operations to ensure minimal environmental impact. In cases where facilities are near ecologically sensitive areas, we take proactive steps to mitigate any potential risks to biodiversity. We have implemented environmental management systems that include biodiversity considerations, ensuring compliance with local regulations and international standards. Our commitment to sustainability drives ongoing efforts to minimize emissions, manage waste, and protect natural resources in and around our operational areas.
[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: ☑ 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

☑ Fuel consumption

☑ Base year emissions

☑ Renewable fuel consumption

☑ Emissions breakdown by business division

☑ Year on year change in absolute emissions (Scope 3)

☑ Year on year change in absolute emissions (Scope 1 and 2)

☑ Emissions breakdown by country/area
☑ Energy attribute certificates (EACs)
☑ Year on year change in emissions intensity (Scope 1 and 2)

(13.1.1.3) Verification/assurance standard

General standards

☑ AA1000AS
☑ ISAE 3000
☑ ISAE 3410, Assurance Engagements on Greenhouse Gas Statements

Climate change-related standards

☑ ISO 14064-1
☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

Business Responsibility and Sustainability Report as per SEBI and Sustainability Report as Per GRI stabdards verified by British Standards Institute

(13.1.1.5) Attach verification/assurance evidence/report (optional)

ISAE 3000_SRA Opinion Statement_Granules Indai Limited - 769272-2.pdf

Row 2

(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

Introduction

☑ All data points in module 1

(13.1.1.3) Verification/assurance standard

General standards

☑ AA1000AS

Climate change-related standards

☑ ISO 14064-1

☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

This has been verified by an independent third party assurance provider.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

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Row 3

(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

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

☑ Identification, assessment, and management processes

☑ All data points in module 2

(13.1.1.3) Verification/assurance standard

General standards

☑ AA1000AS

Climate change-related standards

☑ ISO 14064-1

☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

This has been verified by an independent third party assurance provider.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

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Row 4

(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

Disclosure of risks and opportunities

☑ All data points in module 3

(13.1.1.3) Verification/assurance standard

General standards

☑ AA1000AS

Climate change-related standards

☑ ISO 14064-1

☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

This has been verified by an independent third party assurance provider.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

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Row 5

(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

Governance

☑ Environmental policies

☑ All data points in module 4

(13.1.1.3) Verification/assurance standard

General standards

☑ AA1000AS

Climate change-related standards

☑ ISO 14064-1

☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

This has been verified by an independent third party assurance provider.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

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Row 6

(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

Business strategy

☑ All data points in module 5

(13.1.1.3) Verification/assurance standard

General standards

☑ AA1000AS

Climate change-related standards

☑ ISO 14064-1

☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

This has been verified by an independent third party assurance provider.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

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Row 7

(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 – Consolidation approach

☑ Consolidation approach

☑ All data points in module 6

(13.1.1.3) Verification/assurance standard

General standards

☑ AA1000AS

Climate change-related standards

☑ ISO 14064-1

☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

This has been verified by an independent third party assurance provider.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

Row 8

(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

☑ Waste data
☑ All data points in module 7
☑ Emissions breakdown by country/area
☑ Electricity/Steam/Heat/Cooling generation
☑ Electricity/Steam/Heat/Cooling consumption
☑ Renewable Electricity/Steam/Heat/Cooling generation
☑ Renewable Electricity/Steam/Heat/Cooling consumption

(13.1.1.3) Verification/assurance standard

General standards

☑ AA1000AS

Climate change-related standards

☑ ISO 14064-1
☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

This has been verified by an independent third party assurance provider.

(13.1.1.5) Attach verification/assurance evidence/report (optional)

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[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	Attachment (optional)
	Climate Transition Plan, ASR, ISO Certificate, BRSR, Net zero report, Policies	*CDP Cover letter & Annual report.pdf*

[Fixed row]

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

(13.3.1) Job title

Chief Strategy and Sustainability Officer

(13.3.2) Corresponding job category

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