# CDP SCORE REPORT - CLIMATE CHANGE 2022

## Biocon

**Region** Asia

**Country/Area** India

**Questionnaire** General

**Activity Group** Biotech & pharma

*The CDP Score Report allows companies to understand their score and indicate which categories require attention to reach higher scoring levels. This enables companies to progress towards environmental stewardship through benchmarking and comparison with peers, in order to continuously improve their climate governance. Investors will additionally receive a copy of the CDP Score Report upon request. For further feedback please contact your account manager or your key CDP contact.*

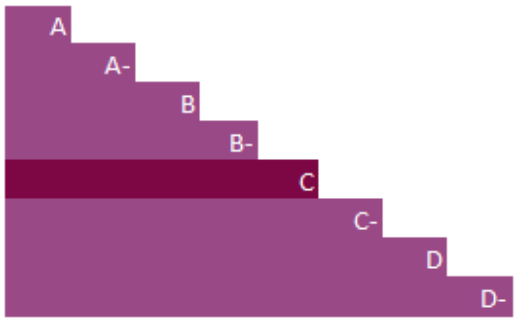
**Your CDP score**

C

**Average performance**

| B- | C | C |
|---|---|---|
| Biotech & pharma | Asia | Global Average |

## UNDERSTANDING YOUR SCORE REPORT



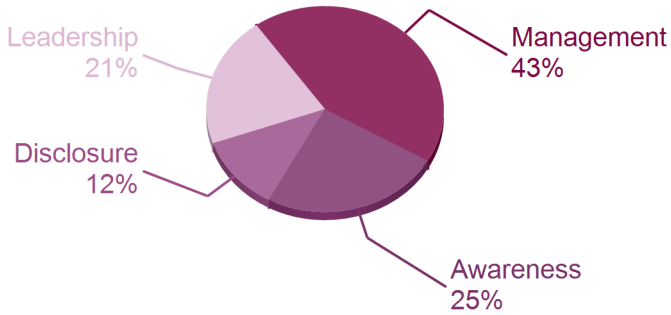

Biocon received a C which is in the Awareness band. This is the same as the Asia regional average of C, and lower than the Biotech & pharma sector average of B-.

***Leadership (A/A-):*** *Implementing current best practices*
***Management (B/B-):*** *Taking coordinated action on climate issues*
***Awareness (C/C-):*** *Knowledge of impacts on, and of, climate issues*
***Disclosure (D/D-):*** *Transparent about climate issues*

## ACTIVITY GROUP PERFORMANCE

### Biotech & pharma

*Your company is amongst 25% of companies that reached Awareness level in your Activity Group.*

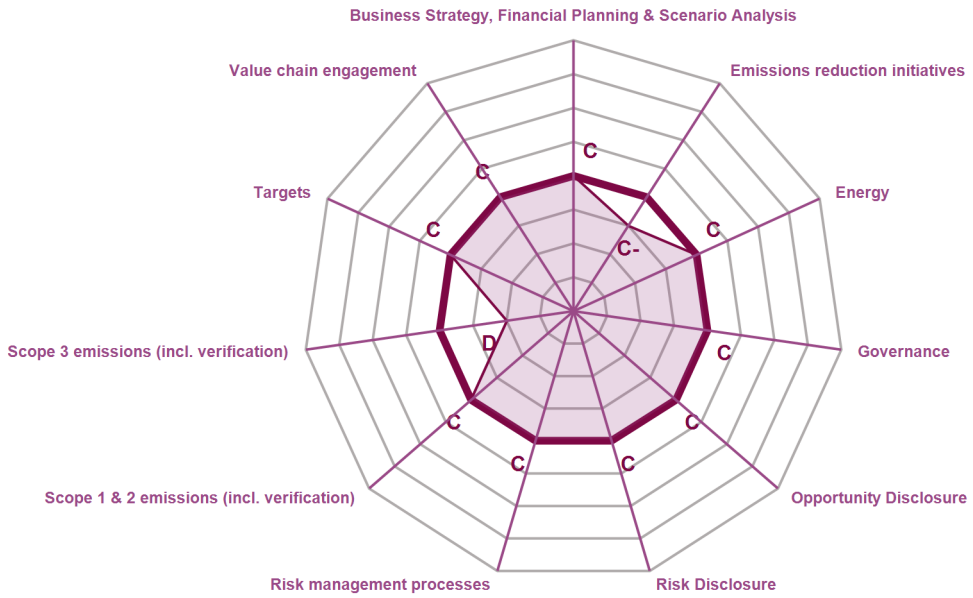



| A sample of A-list companies from your Activity Group: |
|---|
| AstraZeneca |
| Bayer AG |
| Daiichi Sankyo Co., Ltd. |
| Johnson & Johnson |
| Lundbeck A/S |

*Please note that the peer group average scores are compiled with only investor-requested company scores

# CDP SCORE REPORT - CLIMATE CHANGE 2022

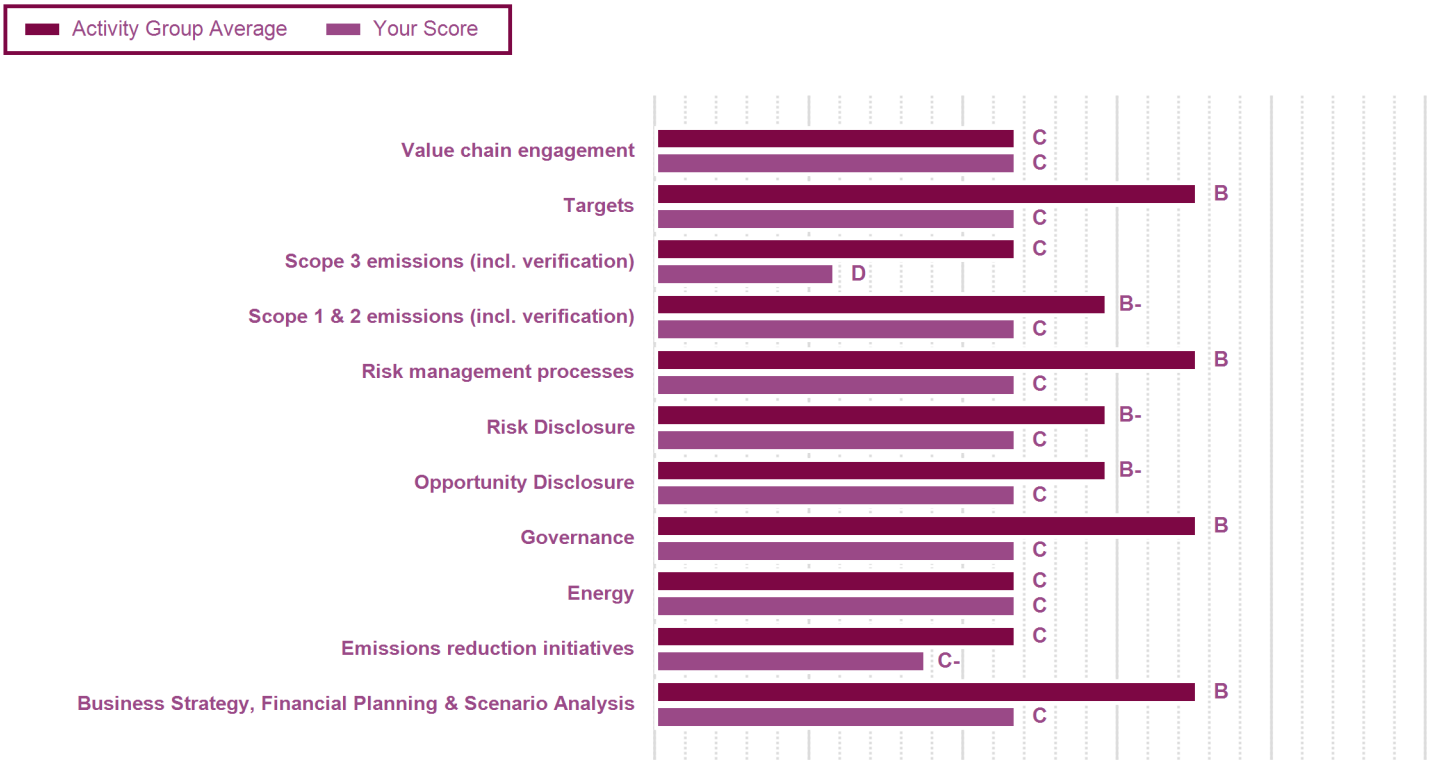
## CATEGORY SCORES




If a company scored C or below, they will not have been scored for Management or Leadership points (the dark purple line represents this).

Please download the ***CDP Scoring Introduction*** for more information.

## CATEGORY SCORES BENCHMARKING




Each category score in the bar chart represents the progression within each scoring level. Some categories have not been included for category score breakdown as either not enough questions feed into these categories to give a representative score or they are not scored at both Management and Leadership levels.

Scoring categories are groupings of questions by topic. They are sub-groups of the 2022 questionnaire modules and are consistent across all sectors. Weighting applied to each category varies across sectors to highlight the areas most important to environmental stewardship in specific sectors.

To find out more about category weightings for each sector, please download the ***'CDP Scoring Categories and Weighting'*** documents.

# CDP SCORE REPORT - WATER SECURITY 2022

## Biocon

| | |
|---|---|
| **Region** | Asia |
| **Country/Area** | India |
| **Questionnaire** | General |
| **Activity Group** | Biotech & pharma |

*The CDP Score Report allows companies to understand their score and indicate which categories require attention to reach higher scoring levels. This enables companies to progress towards environmental stewardship through benchmarking and comparison with peers, in order to continuously improve their water governance. Investors will additionally receive a copy of the CDP Score Report upon request. For further feedback please contact your account manager or your key CDP contact.*

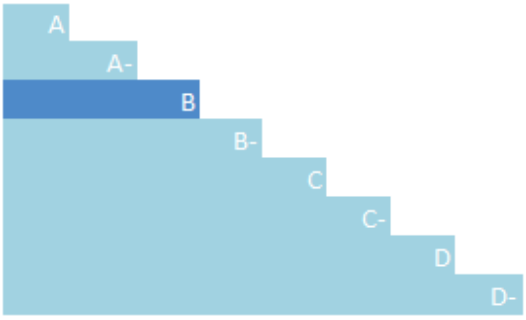
**Your CDP score**

B

**Average performance**

| Biotech & pharma | Asia | Global Average |
|---|---|---|
| B | B | B |

## UNDERSTANDING YOUR SCORE REPORT



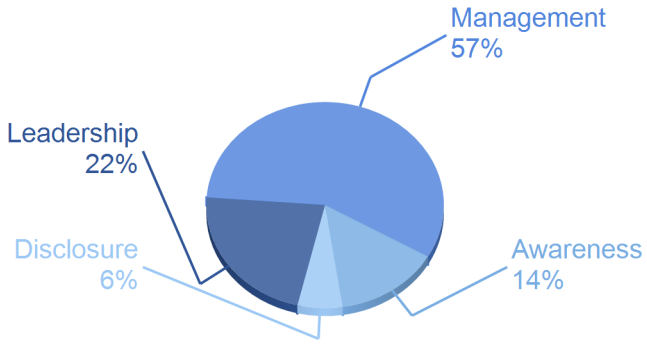

Biocon received a B which is in the Management band. This is the same as the Asia regional average of B, and the same as the Biotech & pharma sector average of B.

***Leadership (A/A-):*** *Implementing current best practices*
***Management (B/B-):*** *Taking coordinated action on water issues*
***Awareness (C/C-):*** *Knowledge of impacts on, and of, water issues*
***Disclosure (D/D-):*** *Transparent about water issues*

## ACTIVITY GROUP PERFORMANCE

### Biotech & pharma

*Your company is amongst 57% of companies that reached Management level in your Activity Group.*

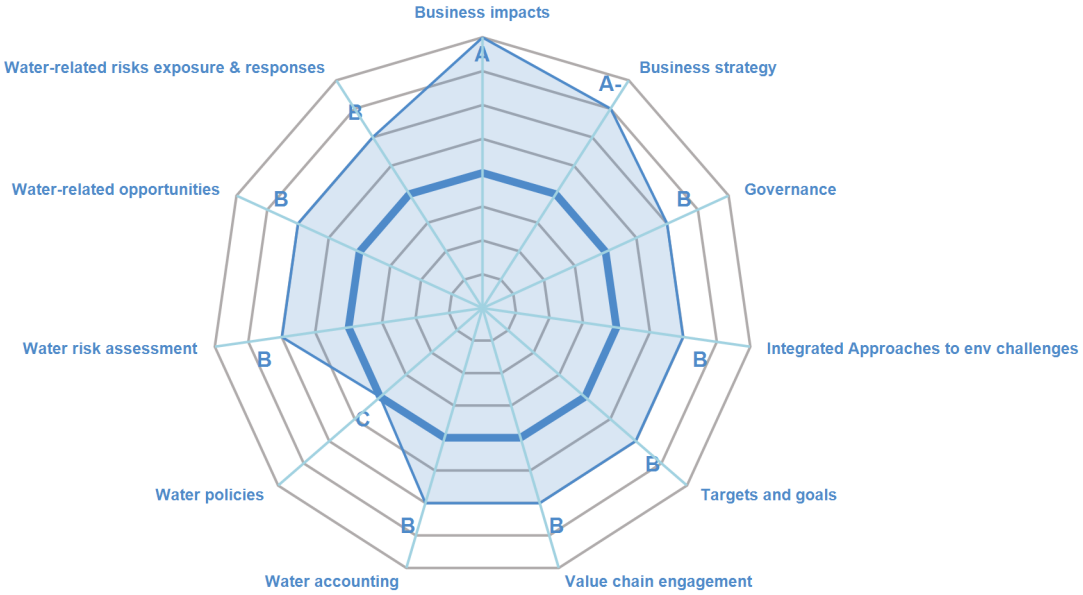



| A sample of A-list companies from your Activity Group: |
|---|
| AstraZeneca |
| Novartis |
| Ono Pharmaceutical Co., Ltd. |
| Shionogi & Co., Ltd. |

*Please note that the peer group average scores are compiled with only investor-requested company scores

# CDP SCORE REPORT - WATER SECURITY 2022

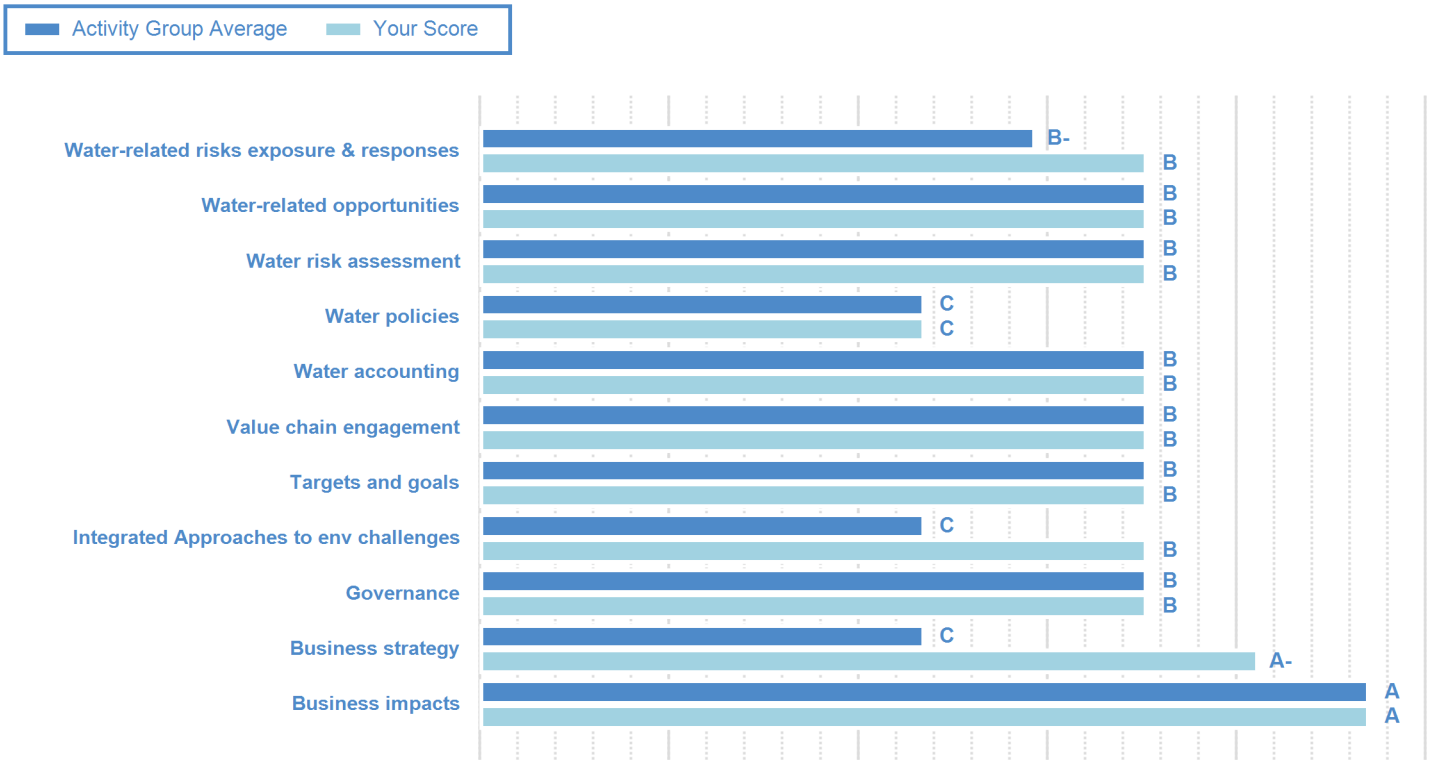
## CATEGORY SCORES




If a company scored C or below, they will not have been scored for Management or Leadership points (the dark blue line represents this).

Please download the ***CDP Scoring Introduction*** for more information.

## CATEGORY SCORES BENCHMARKING




Each category score in the bar chart represents the progression within each scoring level. The Context and Verification categories have not been included for category score breakdown as they are not scored at both Management and Leadership levels.

Scoring categories are groupings of questions by topic. They are sub-groups of the 2022 questionnaire modules and are consistent across all sectors. Weighting applied to each category varies across sectors to highlight the areas most important to environmental stewardship in specific sectors.

To find out more about category weightings for each sector, please download the ***'CDP Scoring Categories and Weighting'*** documents.

## C0. Introduction

### C0.1

**(C0.1) Give a general description and introduction to your organization.**

**Company Profile**

Biocon is Asia's premier biopharmaceutical company that is driven by the vision to make a difference to global healthcare through improved access to high quality, life-saving biotherapeutics by making them affordable for patients across the world.

We have evolved from manufacturing pharmaceuticals like statins and immunosuppresants, to discovering, developing and producing biologics in chronic therapies such as diabetes, oncology and immunology for global markets. This has translated into a diversified and differentiated pipeline of fermentation-derived complex generics, biosimilars that include insulins and monoclonal antibodies, and novel biologics.

Biocon's business is organized into the following reporting segments:
a) Small Molecules API & Generic Formulations
b) Biocon Biologics - Biosimilars (Insulins, MAbs & other Biologics) & Novel Biologics
c) Branded Formulations
d) Research Services (Syngene)

Biocon is among the few companies globally to have received approvals for its biosimilars from developed countries like the U.S., EU, Australia and Japan. Our credibility as a serious player in the biosimilars sector was first established with the Japanese approval for Insulin Glargine. A combination of specialized talent, state-of-the-art research and manufacturing infrastructure and a culture of deep science and regulatory compliance have differentiated us in the marketplace and given us a distinct competitive edge. It has also led to Biocon being recognized as a credible global biopharmaceuticals player. The company's aspiration to become a US$1 billion company is fuelled by four powerful growth accelerators: Small Molecules, Biologics, Branded Formulations and Research Services, represented by its subsidiary Syngene. The Small Molecules vertical offers a strong portfolio of differentiated APIs across statins, immunosuppressants, specialty molecules as well as difficult-to-make, niche Generic Formulations. The Biologics vertical comprises novel biologics and biosimilars, including rh-insulin, insulin analogs, monoclonal antibodies and recombinant proteins. The Branded Formulations business includes the company's finished dosages business in India and overseas including UAE. Syngene is Asia's largest contract research and manufacturing organization.

At Biocon, we have concluded yet another meaningful year, breaking new ground, crossing new milestones and delivering high-quality biopharmaceuticals to millions worldwide.

**Subsidiary Information : Syngene International Limited**

Our listed subsidiary, Syngene International Limited, is India's largest Contract Research Organization (CRO). Syngene started as India's first CRO and has over the years built a reputation as an end-to-end drug discovery and development services provider for novel molecular entities to the global life sciences sector. We provide integrated discovery, development and manufacturing services for novel molecules across multiple platforms including small molecules, large molecules, Antibody-Drug Conjugates and Oligonucleotides. Our researchers work in multiple therapeutic areas to meet the needs of our bio-pharmaceuticals clients. We also serve the nutrition, animal health, consumer goods, and specialty chemicals sectors. Our ability to deliver world-class solutions is driven by our highly qualified team, including over 4,700 scientists, and supported by state-of-the-art infrastructure and market-leading technology.

**Sustainability Strategy**

At Biocon group, our journey to enhance access to affordable healthcare starts with being a committed and compassionate steward of the environment. We have implemented business practices that take our Environment, Occupational Health, Safety and Sustainability (EHSS) performance beyond compliance towards delivering a positive environmental, social and governance (ESG) impact for the people we serve. We are committed to improving our own environmental footprint, including the reduction of greenhouse gas (GHG) emissions that can lead to climate change. We engage our employees in all aspects of our approach to sustainability, from design and manufacturing to community outreach, and more.

**Important changes and inclusions**

In this year's disclosure we are including the data from 4 additional sites to enhance our coverage of our manufacturing operations in climate change disclosure.

- Biocon Malaysia (inclusion in reporting boundary, however emissions not included in global gross figures since it is yet to be evaluated)

- Biocon Hyderabad

- Biocon Vishakhapatnam

- Syngene Mangalore

-Syngene Hyderabad

**The entities of the Biocon Group namely Biocon Limited, Biocon Biologics Limited and Syngene International limited will be hereafter be referred to as 'The company' in the course of the disclosure.**

## C0.2

**(C0.2) State the start and end date of the year for which you are reporting data.**

| | Start date | End date | Indicate if you are providing emissions data for past reporting years | Select the number of past reporting years you will be providing emissions data for |
|---|---|---|---|---|
| Reporting year | April 1 2021 | March 31 2022 | No | <Not Applicable> |

## C0.3

**(C0.3) Select the countries/areas in which you operate.**

India

## C0.4

**(C0.4) Select the currency used for all financial information disclosed throughout your response.**

INR

## C0.5

**(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.**

Financial control

## C0.8

**(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?**

| Indicate whether you are able to provide a unique identifier for your organization | Provide your unique identifier |
|---|---|
| Yes, an ISIN code | INE376G01013 |
| Yes, an ISIN code | INE398R01022 |

# C1. Governance

## C1.1

**(C1.1) Is there board-level oversight of climate-related issues within your organization?**

Yes

## C1.1a

**(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.**

| Position of individual(s) | Please explain |
|---|---|
| Board Chair | Role of Board Chair is<br><br>1. Highest level of direct responsibility lies with the board headed by Executive chairperson<br>2. To integrate climate considerations into the board committee structures<br>3. To ensure that climate considerations are given sufficient attention across the board<br>4. To ensure management fully identifies climate-related risks in the short, medium and long-term, assess their materiality, and takes appropriate action according to the materiality of the risks. |
| Board-level committee | We have established high standards of governance to build an environment of trust, transparency and accountability. To drive a top-down approach for ESG integration, our Corporate Social Responsibility<br>Committee at the Board level was reconstituted to 'Corporate Social Responsibility and Environment, Social, and Governance Committee' with the primary objective of providing oversight, direction and monitoring our ESG strategy and initiatives, as well as to direct initiatives to embed integrated thinking within Biocon's culture. Additionally, at Biocon Limited and Biocon Biologics, the Board formed an Environment, Social and Governance Committee to drive positive impacts across the entity. During last year 3 additional board members were added in the CSR and ESG committee and 1 additional member was added in the Risk management committee.<br><br>At the board level ,there is a dedicated committee with a focus on Corporate Social Responsibility & ESG & Risk Management. The risk management committee consists of 6 Board members and CSR committee and ESG committee consists of 6 board members and meets at least quarterly. During the year in review the board committees had met four times. This committee's mission is to provide advice on strategic direction and on the development and promotion of Corporate Social Responsibility (CSR), Environmental, Social and Governance (ESG), Environment, Health and Safety (EHS), Sustainability and Climate Change related topics.<br>1. To ensure climate considerations incorporated into the strategic planning, business models, financial planning and other decision-making processes.<br>2. Undertaking decisions that are informed by the best available information on climate risks and opportunities<br>3. To hold management accountable for implementing the regulatory requirements for climate-relevant disclosure and for maintaining oversight of emerging regulations |
| Board-level committee | 1. We have established Enterprise Risk Management process framework for all the significant risks, which inclusive of climate related risks and ESG risks , each risk is presented to the risk management committee at board level in turn board of directors reviews the risk management framework and propose mitigation controls for key climate related risks |
| Chief Executive Officer (CEO) | 1. Accountable for climate risks and opportunities considered during internal evaluations of the board<br>2. To identify climate-related risks in the short, medium and long-term, assess their materiality, and takes appropriate action according to the materiality of the risks.<br>3. To pursue integrated reporting<br>4. Overseeing of climate change strategy and giving objectives and targets to the Executive Leadership Team (ELT) |
| Please select | |

## C1.1b

**(C1.1b) Provide further details on the board's oversight of climate-related issues.**

| Frequency with which climate-related issues are a scheduled agenda item | Governance mechanisms into which climate-related issues are integrated | Scope of board-level oversight | Please explain |
|---|---|---|---|
| Scheduled – all meetings | Reviewing and guiding strategy<br>Reviewing and guiding major plans of action<br>Reviewing and guiding risk management policies<br>Reviewing and guiding annual budgets<br>Reviewing and guiding business plans<br>Setting performance objectives<br>Monitoring implementation and performance of objectives<br>Overseeing major capital expenditures, acquisitions and divestitures<br>Monitoring and overseeing progress against goals and targets for addressing climate-related issues | <Not Applicable> | The Company's Board of Directors provides effective leadership by engaging, enabling and encouraging the management to deliver on the Company's vision, mission and values. The diverse and multidisciplinary group of knowledgeable and experienced professionals possess the relevant skills, expertise and competence to guide the Company through business-as-usual scenarios as well as in extraordinary times. The vision, commitment and oversight for our organization strategy starts at the very top. We have put in place an enterprise wide Risk Management Framework with the objective of timely identification of risks, assessment and evaluation of such risks in line with the overall business objectives or strategies and define adequate mitigation strategy. On a quarterly basis, the Risk Management Committee reviews critical risks on a rotation basis in line with the risk management plan to measure effectiveness of mitigation actions defined against critical risks and its impact on overall risk exposure . All the critical risk areas are covered at least once a year. All critical risk areas as identified by the Company are re-evaluated annually. During year, appropriate changes were made to the risk register, considering internal or external changes The Risk Management Committee of the Board of Directors oversees Company's risk governance framework and infrastructure. In reporting, this committee met four times and discussed topics such as information technology, cybersecurity, workplace safety, climate change and other material risks. The primary responsibility of the Committee is to assist the Board in discharging responsibilities by way of formulating, monitoring and implementing a framework in line with the Risk management policy of the Company. The CSR & ESG board approves strategies, budgets, project plans, manages internal governance and plays an oversight role with regard to compliance with the Company's policy. The CSR & ESG committee identifies intervention areas based on the needs of the community, reviews policy, recommends budgets, monitors implementation of programs and reports the results to the board on a quarterly basis. |
| Scheduled – all meetings | Monitoring implementation and performance of objectives<br>Overseeing major capital expenditures, acquisitions and divestitures<br>Monitoring and overseeing progress against goals and targets for addressing climate-related issues<br>Other, please specify | <Not Applicable> | The Board receives quarterly summary of the aggregated opportunity/risk exposure of the organization including environment and climate-related risks. The information is collated from across functions and provided by risk and governance team and major points are discussed in Board meetings. This mechanism warrants that the Board can keep track of changes to the company risk profile (including climate change-related issues) and initiate corrective measures in case of significant changes. In terms of management systems implemented, Management review process is followed in the organization which requires Top management to periodically review the Environment management System in place to ensure its continuing suitability, adequacy, effectiveness and alignment with the strategic direction of the organization. The agenda of the meeting is to<br>1. Determine and evaluate EMS performance<br>2. Determine the need for change and improvement<br>3. Determine the suitability of the policies and the objectives<br>Observations, conclusions, and recommendations for further necessary action from the review are recorded and any corrective action if required is taken. Top management follows up to ensure that the action intended out of the meetings is effectively implemented. |

## C1.1d

### (C1.1d) Does your organization have at least one board member with competence on climate-related issues?

| | Board member(s) have competence on climate-related issues | Criteria used to assess competence of board member(s) on climate-related issues | Primary reason for no board-level competence on climate-related issues | Explain why your organization does not have at least one board member with competence on climate-related issues and any plans to address board-level competence in the future |
|---|---|---|---|---|
| Row 1 | Yes | One of the key functions our Board is to monitor and review the Board evaluation framework. The Nomination and Remuneration Committee in consultation with the Board, had laid down the evaluation criteria for the performance of the Chairperson, Board, Committees of the Board, and executive/non-executive/ independent directors through peer evaluation, excluding the director being evaluated. Further, the Board had agreed to undertake the Board Evaluation by an external agency, at least once in 3 (three) financial years, pursuant to which for the FY 2020-21, Egon Zehnder, a leadership advisory firm on board matters, had conducted the Board Evaluation. For the current FY 2021-22, the Board had undertaken this exercise through self-evaluation questionnaires. The evaluation process focused on the below aspects –<br>• Board dynamics and other aspects towards Board effectiveness<br>• Board Composition, Quality and Culture<br>• Board Meeting & Procedures<br>• Execution & performance of specific duties<br>• Board & Management relations<br>• Succession Planning<br>• Committee effectiveness<br>• Evaluation of Chairperson, Executive & Non-Executive Directors.<br>The evaluation report was also discussed at the meeting of the Board of Directors and Committees. In order to further uphold the effectiveness of the Board's governance, an overview of the suggestions as drawn from the evaluation exercise was deliberated and recommended for implementation in due course of time, by the Board.<br><br>Key expertise and attributes of the Board of Directors In compliance with the SEBI Listing Regulations, the Board has identified the skills/ expertise/ competencies fundamental for the effective functioning of the Company which are taken into consideration by the Nomination and Remuneration Committee while recommending appointment of any candidate to the Board of the Company.as such board level committee has 7 out of 9 board members are expertise in finance and risk management ,risk management includes climate related risks. | <Not Applicable> | <Not Applicable> |

## C1.2

### (C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.

| Name of the position(s) and/or committee(s) | Reporting line | Responsibility | Coverage of responsibility | Frequency of reporting to the board on climate-related issues |
|---|---|---|---|---|
| Chief Executive Officer (CEO) | <Not Applicable> | Managing climate-related risks and opportunities | <Not Applicable> | Quarterly |
| Chief Financial Officer (CFO) | <Not Applicable> | Managing climate-related risks and opportunities | <Not Applicable> | Quarterly |
| Chief Risks Officer (CRO) | <Not Applicable> | Managing climate-related risks and opportunities | <Not Applicable> | Quarterly |
| Other committee, please specify (ESG steering committee) | <Not Applicable> | Both assessing and managing climate-related risks and opportunities<br>*Overseeing the overall next generation ESG & climate strategy* | <Not Applicable> | As important matters arise |
| Other committee, please specify (ESG working committee ) | <Not Applicable> | Both assessing and managing climate-related risks and opportunities<br>*Monitoring the overall ESG & climate performance* | <Not Applicable> | Quarterly |
| Environmental, Health, and Safety manager | <Not Applicable> | Both assessing and managing climate-related risks and opportunities | <Not Applicable> | Quarterly |
| Please select | <Not Applicable> | <Not Applicable> | <Not Applicable> | <Not Applicable> |

## C1.2a

**(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored (do not include the names of individuals).**

The corporate governance structure of the Company comprises the Board, as the apex decision making body and the Executive Leadership Team (ELT), which comprises experts in running and managing the Company. The Board of Directors ('the Board') are elected by the shareholders to oversee the company's overall functioning. The Board is responsible for providing strategic supervision, overseeing the management performance and governance of the Company on behalf of the shareholders and other stakeholders. The Board exercises independent judgement and plays a vital role in the oversight of the Company's affairs. To sum up, the board's key purpose is to ensure the company's prosperity by collectively directing the company's affairs, while meeting the appropriate interests of its shareholders and relevant stakeholders. The Company's day to day affairs are managed by an Executive Leadership Team, under the overall supervision of the Board. The Board is committed to representing the long-term interests of the stakeholders and in providing effective governance over the Company's affairs and exercising reasonable business judgement on the affairs of the Company

The management positions lie in the top of the organogram headed by the Chief Executive Officer (CEO) as the highest decision making authority on climate change issues followed by the Head - Operations who is responsible for assessing and managing climate change related risks and opportunities and followed by Head – Environment, health and safety and Sustainability who is responsible for monitoring of the climate change mitigation activities performance. The Boards have delegated to the Executive Leadership Team (ELT) the responsibility for the operational leadership of the business including strategy, performance & policy. The ELT meets multiple times in a year and monitors and tracks sustainability performance. Our Chief Executive Officer (CEO) chairs the ELT team and is responsible for the sustainability initiatives and the targets. He also attends every quarterly meeting of the Board Corporate Social Responsibility Committee to ensure alignment with the Board's oversight of sustainability and climate change risks and opportunities. He shares any outcomes from these meetings with the ELT.

The president (operations head) leads the operations and reports directly to the CEO who is the Board member with overall responsibility for climate-related topics within the company. He has the highest direct responsibility for Company's operations and is responsible for directives, strategies and programs with regards to energies and emissions as well as defining EHS and sustainability targets and monitoring their attainment. He also monitors the initiatives for energy efficiency and emission reductions and takes care of investment decisions related to the same.

EHS Apex committee is comprised of the company's key senior leadership team and under the leadership of the Operations head. EHS stands for Environment, Health and Safety. The committee has the responsibility for initiating and monitoring the org wide implementation of EHS directives, strategies and programs, as well as for defining EHS targets and monitoring their attainment.

Finally, the Head of Energy and Utilities chairs the Energy review mechanism, which includes cross-cutting corporate functions and representatives of Strategy, projects and EHS from the various business segments. The mechanism consists of structuring the Company's approach to the energy and climate change, and in particular of:

• developing and periodically adjusting the Company's climate-energy roadmap;

• proposing the targets that the Company's sets itself (in terms of energy efficiency, GHG emission reductions, etc.)

• keeping a watch of the existing or emerging renewable energy or clean tech markets;

• initiating or driving the technological roadmaps corresponding to these subjects (energy efficiency, carbon reduction, for example).

Management review process is followed in the organization which requires Executive Leadership Team (ELT) to periodically review the Environment Management System in place to ensure its continuing suitability, adequacy, effectiveness and alignment with the strategic direction of the organization. The company has in place an enterprise-wide risk management framework that provides a holistic approach to the best of its capabilities. The Committee identifies, assesses and mitigates risks that could materially impact its performance in achieving the stated objectives. This includes climate change risks and resulting effects on the organization as well.

## C1.3

**(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?**

| | Provide incentives for the management of climate-related issues | Comment |
|---|---|---|
| Row 1 | Yes | As part of performance linked bonus, a new initiative known as department scorecard has been started where sustainability related objectives are also incorporated for incentivizing purposes. |

## C1.3a

**(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).**

| Entitled to incentive | Type of incentive | Activity incentivized | Comment |
|---|---|---|---|

| Entitled to incentive | Type of incentive | Activity incentivized | Comment |
|---|---|---|---|
| All employees | Monetary reward | Emissions reduction project<br>Energy reduction project<br>Energy reduction target<br>Efficiency project<br>Efficiency target<br>Behavior change related indicator<br>Environmental criteria included in purchases<br>Supply chain engagement<br>Company performance against a climate-related sustainability index | As part of performance linked bonus, a new initiative known as department scorecard has been started where climate change related objectives are incorporated for scoring purpose. Company incentivizes employees to generate ideas on how to improve the environmental footprint of the organization. These ideas are collected and evaluated through the Company Ideation module. Employees are encouraged to submit ideas on how to improve production process, energy conservation and other resource reduction measures. We also have regular reward and recognition programs for employees where innovative projects that has impact on emission reduction, energy efficiency and environment excellence is rewarded and recognized. Whereas this happens at BU level, we have overall reward and recognition program during Annual Day where the best of the best climate protection and sustainability initiatives are selected and rewarded by top management. |
| Energy manager | Monetary reward | Emissions reduction project<br>Emissions reduction target<br>Energy reduction project<br>Energy reduction target<br>Efficiency project<br>Efficiency target | Company's remuneration system for leadership and middle level management employees comprises a variable component, which is linked to individual performance and the achievement of individually agreed performance targets. Depending on the responsibilities, individual targets for the employees relate to environmental or climate related issues (e.g. Utility and plant managers). Employee performance is assessed in a compulsory annual appraisal review.. Managers are assessed on the basis of the specific KPIs (Key Performance Indicators) pertaining to their function and business unit or corporate department. Attainment of GHG emissions reduction targets is part of the KPIs for senior managers with relevant responsibility in that area. We have regular reward and recognition programs for EHS Managers where innovative projects in domain of climate protection and sustainability is rewarded and recognized. |
| Environmental, health, and safety manager | Monetary reward | Behavior change related indicator<br>Company performance against a climate-related sustainability index | Company's remuneration system for leadership and middle level management employees comprises a variable component, which is linked to individual performance and the achievement of individually agreed performance targets. Depending on the responsibilities, individual targets for the employees relate to environmental or climate related issues (e.g. Utility and plant managers). Employee performance is assessed in a compulsory annual appraisal review.. Managers are assessed on the basis of the specific KPIs (Key Performance Indicators) pertaining to their function and business unit or corporate department. Attainment of GHG emissions reduction targets is part of the KPIs for senior managers with relevant responsibility in that area. We have regular reward and recognition programs for EHS Managers where innovative projects in domain of climate protection and sustainability is rewarded and recognized. |
| Corporate executive team | Monetary reward | Behavior change related indicator<br>Company performance against a climate-related sustainability index | Sustainability related performance is linked into the bonus matrix of leadership team. This covers the annual performance bonus as well as the long-term performance bonus. All senior leadership teams are covered under this bonus system.<br>Company's remuneration system for leadership and middle level management employees comprises a variable component, which is linked to individual performance and the achievement of individually agreed performance targets. Depending on the responsibilities, individual targets for the employees relate to environmental or climate related issues (e.g. Utility and plant managers). Employee performance is assessed in a compulsory annual appraisal review. |
| Business unit manager | Monetary reward | Efficiency project<br>Efficiency target<br>Behavior change related indicator | Company's remuneration system for leadership and middle level management employees comprises a variable component, which is linked to individual performance and the achievement of individually agreed performance targets. Depending on the responsibilities, individual targets for the employees relate to environmental or climate related issues (e.g. Utility and plant managers). Employee performance is assessed in a compulsory annual appraisal review.. Managers are assessed on the basis of the specific KPIs (Key Performance Indicators) pertaining to their function and business unit or corporate department. Attainment of GHG emissions reduction targets is part of the KPIs for senior managers with relevant responsibility in that area. We have regular reward and recognition programs for EHS Managers where innovative projects in domain of climate protection and sustainability is rewarded and recognized. |
| Procurement manager | Monetary reward | Environmental criteria included in purchases<br>Supply chain engagement | Company's remuneration system for leadership and middle level management employees comprises a variable component, which is linked to individual performance and the achievement of individually agreed performance targets. Depending on the responsibilities, individual targets for the employees relate to environmental or climate related issues (e.g. Utility and plant managers). Employee performance is assessed in a compulsory annual appraisal review.. Managers are assessed on the basis of the specific KPIs (Key Performance Indicators) pertaining to their function and business unit or corporate department. Attainment of GHG emissions reduction targets is part of the KPIs for senior managers with relevant responsibility in that area. We have regular reward and recognition programs for EHS Managers where innovative projects in domain of climate protection and sustainability is rewarded and recognized. |
| Environment/Sustainability manager | Monetary reward | Environmental criteria included in purchases<br>Company performance against a climate-related sustainability index | Company's remuneration system for leadership and middle level management employees comprises a variable component, which is linked to individual performance and the achievement of individually agreed performance targets. Depending on the responsibilities, individual targets for the employees relate to environmental or climate related issues (e.g. Utility and plant managers). Employee performance is assessed in a compulsory annual appraisal review.. Managers are assessed on the basis of the specific KPIs (Key Performance Indicators) pertaining to their function and business unit or corporate department. Attainment of GHG emissions reduction targets is part of the KPIs for senior managers with relevant responsibility in that area. We have regular reward and recognition programs for EHS Managers where innovative projects in domain of climate protection and sustainability is rewarded and recognized. |

| Entitled to incentive | Type of incentive | Activity incentivized | Comment |
|---|---|---|---|
| Please select | Please select | Please select | |
| Please select | Please select | Please select | |

## C2. Risks and opportunities

### C2.1

**(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?**

Yes

### C2.1a

**(C2.1a) How does your organization define short-, medium- and long-term time horizons?**

| | From (years) | To (years) | Comment |
|---|---|---|---|
| Short-term | 0 | 3 | Climate-related risks are integrated in the environmental risk reporting which is a key part of the company's enterprise risk management process . These time horizons are generally aligned with other business practice time horizons. Detailed financial projections are developed and used to manage performance and expectations on a three-year cycle. |
| Medium-term | 3 | 7 | Climate-related risks are integrated in the environmental risk reporting which is a key part of the company's enterprise risk management process . These time horizons are generally aligned with other business practice time horizons. |
| Long-term | 7 | 15 | Climate-related risks are integrated in the environmental risk reporting which is a key part of the company's enterprise risk management process. These time horizons are generally aligned with other business practice time horizons. Long-term opportunities are considered by the Corporate Social Responsibility (CSR) & Environmental ,Social Governance (ESG) committees under the overall responsibility of the Board of Directors. The CSR&ESG committee reviews the long term ESG strategy to ensure that all climate change topics relevant to the company are covered. |

### C2.1b

**(C2.1b) How does your organization define substantive financial or strategic impact on your business?**

The Company has put in place an enterprise wide Risk Management Framework with the objective of timely identification of risks, assessment and evaluation of such risks in line with the overall business objectives or strategies and define adequate mitigation strategy. On a quarterly basis, the Risk Management Committee reviews critical risks on a rotation basis in line with the risk management plan to measure effectiveness of mitigation actions defined against critical risks and its impact on overall risk exposure of the Company. All the critical risk areas are covered at least once a year. All critical risk areas as identified by the Company are re-evaluated annually. During the course of year, appropriate changes were made to the risk register, considering internal or external changes.

A key factor for a company to create sustainable value is the risks it is willing to take (at strategic and operational levels) and its ability to manage them effectively. Therefore, the ability to identify and manage risks promptly is a critical aspect of Corporate Governance for a company

**Definition of substantive impact:**

A substantive financial or strategy impact on our business would entail a material impact on product development, manufacturing, or delivery. We understand risk to be any event that can negatively impact the achievement of our short-term operational or long-term strategic goals. We define opportunities as potential successes that exceed our defined goals.

**Description of the quantifiable indicators used to define substantive impact:**

a) Potential financial implications for the Company: Depending on the nature of the risk or opportunity, different methods for quantification are considered. In case of a clear understanding about the direction of change driven by the risk/opportunity, the effects will be quantified based on expert assessments about the potential level of change and cause-effect-relationships. If the direction of change is unclear, i.e. the effect can be positive or negative and thus represents a volatility/uncertainty, a case-specific probability distribution over the impact range is estimated.

(b) Probability of occurrence: Financial impacts will only be considered where a risk or opportunity has a high probability of occurrence or the potential to threaten Company's license to operate. The method for estimation of probability depends on the nature of the risk or opportunity. In case that statistical data about the occurrence of the risk/opportunity are available (e.g. knowledge about return periods of weather events), such information will be the basis for calculation of likelihoods. If no such statistical relationship can be relied on (e.g. when assessing the probability of implementation of certain policy measures), likelihood will be subject to expert estimates. We classify probabilities as follows in terms of likelihood: low = less than 30%, medium = 30-70%, high = more than 70%.

### C2.2

**(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.**

**Value chain stage(s) covered**
Direct operations
Upstream
Downstream

**Risk management process**
Integrated into multi-disciplinary company-wide risk management process

**Frequency of assessment**
More than once a year

**Time horizon(s) covered**
Short-term
Medium-term
Long-term

**Description of process**
At the business level, the company is identifying, assessing and responding to climate-related risks on multiple fronts. Climate-related risks and opportunities are integrated into the company-wide risk identification, assessment, and management process. Climate-related risk reporting is systematically integrated into the aggregated opportunity/risk exposure of the company delivered quarterly by the risk and governance team to the ELT. The inputs for the same is provided by managers across functions like EHS, Energy and utilities, corporate communications, investor relations, business development and procurement. One component of the company's Enterprise Risk Management (ERM) process is to proactively reach out to managers across the organization each year to flag changing and emerging risks that should be added into the overall ERM process.

Identification: The scope of the risk management process includes, but is not limited to, the following: upcoming climate change regulations in the countries where we operate and sell products, customer behaviour changes and expectations, reputational risks for not taking climate action, and weather-related changes. Risks and opportunities are assessed at a company level, regional level and at an asset level, such as how climate change regulation and the costs of compliance could impact product design, operations, and sales to specific regions or countries. Additionally, with facilities across the globe, climate change risks and opportunities are assessed in terms of where our facilities are located and how our global operations could be impacted by severe weather.

Assessment: All risks and opportunities are evaluated based on (a) their potential financial implications for the company and (b) their probability of occurrence, with the results of the assessment highlighting those risks and opportunities arising out of climate related Physical risks ( Temperature ,flood, sea surface temprature&perciptation & Transition risk (technological,Market,reputational &policy&legal) which can have a substantial impact.

Responding: Climate-related risks and opportunities are usually managed by the local, regional, and corporate business and functional units responsible for identifying and assessing them. These units take the first decision to mitigate, transfer, accept or control climate-related risks , to capitalize on opportunities, and to prioritize risks in line with the policies and requirements laid out at the corporate level

Case studies :
1. Physical risk
Situation: 1.Water availability at our sites may be affected by climate change, potentially endangering continuity of operations.
2.Incrase in temperature might lead to more energy consumption for chillers and cooling mediums.
Task: 1.In order to assess the extent of the risk, a precise analysis of water availability was required
2.To assess on more energy efficient chillers/cooling mediums comprehensive energy audit was conducted internally
Action: 1.EHS team was asked to assess the risk and define countermeasures like additional storage capacities and ensuring alternate modes of ensuring water supply
2. Internal energy team was tasked to identify the energy efficient chillers/cooling mediums
Result : 1.Now the company has a consolidated view of the risk with adequate counter measures
2.Company have plan with mitigation measures

2. Transitional risk
Situation: 1.The company supplies products to many customers and patients across the world. The number of customers considering or requesting sustainability related information as part of their supplier sustainability assessments is significantly increasing.
2.The key relating to our current operations ,which we believe could cause disruption in supply chain
Task: 1.There is a risk that these customers might put a clause requiring mandatory sustainability information before finalizing the business transaction
2.To identify the critical suppliers and conduct analysis of suppliers ESG performance
Action: 1.Since this risk had to be quantified, we undertook an analysis of the number of customer and external requests we received related to sustainability information and the nature of these requests and gap assessment with available information
2.Overall supplier analysis was carried out by the external agency
Result : 1.Now the company has a consolidated view of the risk with plan for requirements to address the gap
2.we have identified the critical suppliers and supplier ESG audits are conducted for the critical suppliers .

## C2.2a

**(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?**

| | Relevance & inclusion | Please explain |
|---|---|---|
| Current regulation | Relevant, always included | Climate-related risks relating to current regulation are evaluated annually as a part of the company's enterprise risk assessment. While biopharma is a low carbon intensive company, we are still directly affected by current and emerging regulation targeting energy use and efficiency as well as reduction of emissions. We are also subject to a wide range of national, state, local, and international governmental requirements relating to protection of the environment, the materials content of our products, and discharge of substances into the environment. Failure to comply with current regulations could lead to legal ramifications, reputational harm, and withdrawing noncompliant products in the market. As a part of the Aspect Impact Assessment Framework, evaluation of legal compliance is an integral part where the relevant legal requirements connected to the aspect in evaluation is reviewed for any potential impacts to the organization. |
| Emerging regulation | Relevant, always included | While biopharma is a low carbon intensive company, we are still directly affected by current and emerging regulation targeting energy use and efficiency as well as reduction of emissions. A growing number of climate change regulations and initiatives are either in force or pending at the local, national, and international levels as part of a transition to a lower-carbon economy that is underway globally. More and more countries are likely to adopt carbon taxes and carbon pricing to accelerate the low carbon transition which can impact our business. Such a transition may entail extensive policy, legal, technology and market changes to address mitigation and adaptation requirements related to climate change. Depending on the nature, speed and focus of<br>these changes, transition risks may pose varying levels of financial and reputational risk to our organization. Our operations and supply chain could face increased climate change-related regulations, modifications to transportation to meet lower emission requirements, changes to types of materials used for products and packaging to reduce emissions, increased utility costs to address cleaner energy technologies, increased costs related to severe weather events, and emissions reductions associated with operations, business travel or products. These yet-to- be defined costs and changes to operations could have a financial impact on our business and result in an adverse impact on our operating results or reputation. |
| Technology | Relevant, sometimes included | Outcome for the biopharma industry will be the setup of large scale, low carbon energy supply and storage as well as innovative technologies for energy efficient pharmaceutical manufacturing process including those process causing emissions. This is very essential in order not to be outperformed by other pharma companies that invest in more cost-efficient installations especially with less carbon emissions. Climate-related risks relating to technology are evaluated annually as a part of company's enterprise risk assessment. As the number of environmental regulations increase along with the expectations for companies to act on climate change, there is a potential for increased customer demand for technologies that help reduce environmental impact. |
| Legal | Relevant, always included | The company monitors the development of litigation in all areas and geographies relevant to the company since the company could face legal risks if we fail to comply with environmental laws, responsibly source materials in our supply chain, or sufficiently disclose our material financial risks. Though there are no climate-change related legal risks relevant to the company at the moment, potential risks arising from current or future regulations are also categorized as legal risks within the enterprise risk management and are monitored as described above under "current/emerging regulation". |
| Market | Relevant, always included | As the biopharma industry is at the beginning of long value chains and provides the molecules for downstream markets, regulations and trends in these markets need to be thoroughly monitored. Companies that do not manage or transform their portfolio into low carbon intensive offerings may lose the related market share. In this regard, the company continuously identifies, assesses, evaluates and manages upcoming sustainability and climate change trends in its downstream markets. We are cognizant of the opportunity which may be available to us in the market if the demand continues to increase for products and services that are more efficient and reduce environmental impacts. |
| Reputation | Relevant, always included | Companies are being held to higher standards and are expected to act proactively on climate change. Our customers and external stakeholders (regulators, investors, shareholders etc.) regularly request information on our corporate responsibility and sustainability initiatives through questionnaires. The company reports its carbon emissions annually to CDP. In addition, we have initiated our first ESG report this year and it is publicly available on our website. If we refused to report climate-related information or failed to implement sustainability initiatives, we could experience reputational harm from our customers and community. This could lead to a decrease in revenue and lower demand for our products and services. We are also aware that operational accidents in our industry may cause the release of significant quantities of pollutants / GHG emissions which might exceed the regulatory limits. The degraded reputation may result in a lack of confidence from investors and/or poor acceptability from stakeholders. A similar situation in terms of reputation may result from a slow reaction of the company to the energy transition from fossil fuels to clean energy. This risk is assessed at Corporate level as part of enterprise risk management framework. |
| Acute physical | Relevant, always included | The company operates in multiple sites across diverse environments in multiple geographies. Given the diverse setup of the production base, acute physical risks from climate change cannot be excluded as intrinsic risk factor with potential significant impact on individual sites and therefore need to be assessed for relevance. Though the company's physical locations are largely located in areas without known significant long-term climate impacts (drought, heat-wave and floods) there are possibilities that our supply chain might be exposed to increased volatile and extreme weather events (snow storms, hurricanes, and droughts). For any extreme weather events in our physical locations, mitigation measures are in place in terms of technical installations that ensure that the site is not affected in its operation. Emergency plans are in place and revised annually. Our internal due diligence procedures also incorporate the systematic assessment of the possible repercussions of climate change on our future projects. In-depth studies are carried out when the potential risk is significant relative to the existing safety margin. |
| Chronic physical | Relevant, sometimes included | The company operates in multiple sites across diverse environments in multiple geographies. Given the diverse setup of the production base, chronic physical risks from climate change cannot be excluded as intrinsic risk factor with potential significant impact on individual sites and therefore need to be assessed for relevance. Our operational footprint is largely located in areas without known significant long-term climate impacts (drought, heat-wave and floods). The effect of slowly changing physical parameters (such as ambient temperature) due to climate change may impact the longer-term robustness of our infrastructures or surrounding environment. This risk is assessed at Corporate level as part of enterprise risk management framework. |

## C2.3

**(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?**

Yes

## C2.3a

**(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.**

**Identifier**

Risk 1

**Where in the value chain does the risk driver occur?**

Direct operations

**Risk type & Primary climate-related risk driver**

| | |
|---|---|
| Acute physical | Other, please specify (Drought , Sea surface temprature rise & heat wave ) |

**Primary potential financial impact**

Decreased revenues due to reduced production capacity

**Climate risk type mapped to traditional financial services industry risk classification**

<Not Applicable>

**Company-specific description**

A Significant risk stems from changes in precipitation and weather patterns. The company's physical locations and its supply chain are exposed to increasingly volatile and extreme weather event (like sea surface temperature rise, heat wave and droughts). Each of these extreme events has a potential to impact business operations due to non availability of water . Production at the company depends primarily on water for the operations. Based on extreme changes in rainfall patters, many locations where the

company operates are increasingly becoming water-scarce regions and there is a risk of reduction or stoppage of water supply. Since water is the most critical raw material for our operations, any bottleneck in the availability of the same can result in major disruption to our operations.

**Time horizon**
Short-term

**Likelihood**
More likely than not

**Magnitude of impact**
High

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**

**Potential financial impact figure – maximum (currency)**
1000000000

**Explanation of financial impact figure**
The estimated financial impact assumes a minimum 1 day and max 6 days unplanned shutdown of our key facilities due to unavailability of water for operations. We have taken our approx. yearly revenues of 8396 cr INR for assuming the daily shutdown impact of our key facilities.

**Cost of response to risk**
50000000

**Description of response and explanation of cost calculation**
Estimated cost of response includes several targeted measures to increase the resilience of our locations against potentially frequent phases of low water supply. We are conscious of the importance of using water resources judiciously and we achieve this through

- Effective management, recycling and reuse of wastewater generated from operations
- Reduction of freshwater consumption in operations
- Increase in share of use of recycled water in operations
- Creation of adequate storage tanks for holding enough water during periods of scarcity
- Catchment based actions for self sustenance
- Rainwater harvesting to offset supply reduction during water scarce periods
- Behavior based interventions to ensure usage reduction from employees
-Regular internal water audits to check gaps on water savings
-On the reporting year 80 million Indian rupees invested on the Multiple Effect Evaporation (MEE) Membrane bioreactors(MBR) for waste water treatment

Case study

Situation: Some of our manufacturing facilities were facing risk of impacts due to extreme weather triggered water shortages
Task: There was a need for a plan to have a mitigation plan to activate in advance so that the impact is reduced
Action: A business continuity and response plan was created and put in place to be triggered in advance of such potential water shortage scenarios. Additional infrastructure like additional stroage tanks and additional source of for the water supply also identified to offset supply reduction and ensure adequate storage of water in those scenarios.
Result: The company build resilience model to reduce financial impact in such risk scenarios

**Comment**
The company will strive towards better understanding of our water footprint, water accounting, audits, demand management and efficiency initiatives, risk assessments and response; pro-active investment in watershed management; understanding biodiversity and aquatic, wildlife and social issues related to water; development of new standards and tools, as well as participation in national and international water policy debates. This will ensure that climate change risk is addressed to as much extent possible in this regard.In addition to this company also conducted water risk assessment using WRI Aqueduct tool to identify the risk and opportunities

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**Identifier**
Risk 2

**Where in the value chain does the risk driver occur?**
Direct operations

**Risk type & Primary climate-related risk driver**

| | |
|---|---|
| Acute physical | Other, please specify (Increased weather patterns such as floods and percipitation ) |

**Primary potential financial impact**
Decreased revenues due to reduced production capacity

**Climate risk type mapped to traditional financial services industry risk classification**
<Not Applicable>

**Company-specific description**
A Significant risk stems from changes in precipitation and weather patterns. The company's physical locations and its supply chain are exposed to increasingly volatile and extreme weather event (like cyclone ,floods ). Each of these extreme events has a potential to impact business operations and transportation of goods/services/employees. Extreme climate change induced weather events such a cyclones or floods can disrupt operations which has a direct impact on revenues and also result in increased capital expenditures to repair/renovate damaged plant or equipment.

**Time horizon**
Medium-term

**Likelihood**
Likely

**Magnitude of impact**
Medium-high

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
50000000

**Potential financial impact figure – maximum (currency)**
1000000000

**Explanation of financial impact figure**
The estimated financial impact assumes a minimum 1 day and max 5 days unplanned shutdown of our key facilities due to extremes weather event such as flooding. We have taken our approx. yearly revenues of 8376cr INR for assuming the daily shutdown impact of our key facilities.

**Cost of response to risk**
1000000000

**Description of response and explanation of cost calculation**
The cost of response figure represents the immediate measures to enhance the resilience of sites to mitigate possible impacts due to extreme weather in line with business continuity plans and additional costs envisaged due to geographic distribution of operations. Currently we are creating manufacturing facilities across different geographies to ensure geographic distribution to provide resilience to the business as a whole, regardless of site specific consequences. For example, all business locations in a particular region may be shut down due to severe cyclone damage, so the company as a whole expects other business locations to absorb the loss in place of investments in climate change adaptation measures.

Case study

Situation: Some of our manufacturing facilities were facing risk of impacts due to extreme weather, mainly flooding
Task: To conduct business continuity study through external agencies
Action: A business continuity and response plan was created and put in place to be triggered in advance of such potential extreme weather events (flooding)
Result: The company is having resilience model in place to reduce financial impact in such risk scenarios

**Comment**
The company is looking towards investing in risk management that may include various weather instruments to help monitor change over time at each site, in order to minimize disruption and damage to services and operation sites from sudden weather events and changes in temperature. Investments in new technology and improvements to existing infrastructure, and incorporating such considerations into plans for future facilities will be planned going forward and company is maintaining buffer stock of minimum 2 days maximum 5 days of water stoarge to supply for the operations

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**Identifier**
Risk 3

**Where in the value chain does the risk driver occur?**
Direct operations

**Risk type & Primary climate-related risk driver**

| | |
|---|---|
| Reputation | Increased stakeholder concern or negative stakeholder feedback |

**Primary potential financial impact**
Decreased access to capital

**Climate risk type mapped to traditional financial services industry risk classification**
<Not Applicable>

**Company-specific description**
As an emerging biopharmaceutical leader, the company is expected to act proactively on the challenges of climate change. We are also a fast growing company with a capex intensive strategy, thereby are in constant business transactions/deals with our major/potential investors. If our investors perceive our business activities to be misaligned with the growing global momentum to act against climate change, this will pose a reputational risk to the company. In case of a major reputational loss, both our investors and shareholders may divest a significant number of shares which will reduce the company's market value. Moreover there is a potential risk of exclusion from ESG performance linked funds.

**Time horizon**
Medium-term

**Likelihood**
About as likely as not

**Magnitude of impact**
High

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
5000000

**Potential financial impact figure – maximum (currency)**
500000000

**Explanation of financial impact figure**

In reporting year, USD 800 million (6,382 cr. approx.) was raised from global marquee equity investors a majority of them signatories of responsible investment principles like PRI. The capital raised is being deployed primarily to fund the ongoing expansion and qualification of our manufacturing facilities and to support our R&D programs and also acquisitions . In case of a major reputational loss, these investors may not have invested in the company or have reduced their investment leading to a reduced market valuation. The selected range is indicative of this high impact, which cannot be quantified more exactly though, since any estimation of financial effects due to a change in reputation is subject to extreme uncertainty.

**Cost of response to risk**
10000000

**Description of response and explanation of cost calculation**
The company engages in active dialogue with relevant stakeholders, including investors, and reports transparently on its climate protection strategy and measures via regular standardized activities (e.g. Annual Report, ESG&BRSR Report, CSR report ,DJSI index, CDP response, website, investor dialogues, ESG questionnaires etc,

Case study:
Situation: Sustainability figures and performance data, especially GHG emissions data are becoming more and more important and requested by external stakeholders as a mandatory disclosure
Task: In order to publicly report our sustainability and ESG performance data to our stakeholders in a consolidated manner, a mechanism was required
Action: Leadership team came up with the decision to come up with consolidated ESG performance report and engaged cross functional team to drive the creation of the report which include performance data across ESG indicators which included climate change related performance as well
Result : Now the company has a consolidated view of it ESG and climate change performance and is able to effectively share requested information to any stakeholder request

**Comment**

## C2.4

**(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?**
Yes

## C2.4a

**(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.**

**Identifier**
Opp1

**Where in the value chain does the opportunity occur?**
Direct operations

**Opportunity type**
Resource efficiency

**Primary climate-related opportunity driver**
Use of more efficient production and distribution processes

**Primary potential financial impact**
Reduced indirect (operating) costs

**Company-specific description**
The company has put in place an internal energy reduction and efficiency plan, which includes the generation such as Air compressors ,chillers and other utilities and utilization side direct process operations which led to savings of energy

- Replacing high capacity motors with energy-efficient ones and conventional chillers with new ones based on magnetic levitation technology, which are up to 40% more energy-efficient.
- Introducing energy-efficient lighting across all our campuses: switching Compact Fluorescent Lamps (CFL) and metal halide lamps with energy-efficient Light Emitting Diode (LED) lamps in the office and laboratories
-95,24,888 kWh unit reductions in power consumption due to energy conservation initiatives resulting in a reduction of 870
tons of CO2 emissions
- Switching to natural gas from furnace oil for steam generation resulted in replacement of 18 million liters of furnace oil resulting in 17,045 CO2 offset of tons
- 80,60,214 SCM (Standard cubic meter) of Natural gas saved from adding 7 no's of energy efficient economizers to our boilers resulted in an additional CO2 reduction of over 1,652 tons and cost savings of 3.9 cr. INR
-Installed energy efficient motors for Air Compressor and ETP which saved approx. 43.96 kWh energy
-Installed Variable Frequency Drives for Chilled water pumps, which saved approx. 20.51 kWh energy
-Replaced old version 250TR chiller with energy efficient 150TR latest technology magnetic chiller with variable speed drive which saved 1.0 Mn units
-Improving operational efficiency of Nitrogen plant by innovatively regulated the optimum pressure set points to meet the operational requirements which saved 0.27 Mn units
-Reducing specific energy consumption from 0.63 kWh/$m^3$ to 0.46 kWh/$m^3$ by implementing dew point sensor based drier operation in air compressor to optimize heater and blower running hours which saved 0.26 Mn units

**Time horizon**
Short-term

**Likelihood**
Very likely

**Magnitude of impact**
Medium-high

**Are you able to provide a potential financial impact figure?**

Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
30000000

**Potential financial impact figure – maximum (currency)**
50000000

**Explanation of financial impact figure**
This based on natural gas savings from boiler economizers installation (3.9 cr. INR), energy savings of 95,24,888 kWh from energy various measures.

**Cost to realize opportunity**
50000000

**Strategy to realize opportunity and explanation of cost calculation**
We have introduced energy policy to achieve energy efficiency and optimization. We are also committed to responsible energy and greenhouse gas emissions management through strategic sourcing and continual improvement of our energy management systems. Continuous monitoring of high energy consumption areas/equipment and taking appropriate corrective measures as and when required, resulted in energy saving and reduction in power consumption. Currently part of the biogas generated from wastewater treatment is partly used in heat recovery operations.

Cost calculation: Cost of installation of 7 nos of boiler economizers (4 Cr. INR) and Replacement cost (25 lakhs) of
- Blower driven by induction motors with energy efficient electronically commutated motor in Air Handling Unit (AHU)
- Old design motors with energy efficient advanced design motors for chilled water and cooling tower pumps
- Compact Fluorescent Lamps (CFL) and metal halide lamps with energy efficient Light Emitting Diode (LED) lamps
-Partial usage biomass briquettes as an alternative to coal
-Installation of waste steam recovery system ( 2.5Cr INR)
-Installation energy efficient centrifugal air compressors((3Cr)
Case study:
Situation: To increase renewable energy consumption by commissioning first captive solar power plant
Task: In order to move 100% renewable energy usage
Action: We came up with a project for the captive solar power plant about 20 MW over 60 acres in north Karnataka
Result: In this regard, we were able to complete this 20 MW solar panel for captive power requirements

**Comment**
We continue to improve the efficiency of our production processes and lower GHG emissions by incorporating renewable energy technologies to supplement our power needs. Consistent efforts and investment to optimize energy consumption in production processes and utilities were undertaken in the reporting period and with this implementation solar power we were able to save 25,000 tons of carbon emissions annually .and also Biocon is one of the first bio pharmaceutical company to operate on hybrid renewable energy sources which includes both wind and solar.

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**Identifier**
Opp2

**Where in the value chain does the opportunity occur?**
Direct operations

**Opportunity type**
Markets

**Primary climate-related opportunity driver**
Other, please specify (Reputation, Increased stakeholder interest)

**Primary potential financial impact**
Increased access to capital

**Company-specific description**
As an emerging biopharmaceutical leader, the company is expected to act proactively on the challenges of climate change. We are also a fast growing company with a capex intensive strategy, thereby are in constant business transactions/deals with our major/potential investors. If our investors perceive our business activities to be misaligned with the growing global momentum to act against climate change, this will pose a reputational risk to the company. In case of a major reputational loss, both our investors and shareholders may divest a significant number of shares which will reduce the company's market value. Moreover there is a potential risk of exclusion from ESG performance linked funds.

**Time horizon**
Medium-term

**Likelihood**
More likely than not

**Magnitude of impact**
High

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
80000000

**Potential financial impact figure – maximum (currency)**
800000000

**Explanation of financial impact figure**
In reporting year, USD 800 million (6,382 cr. approx.) was raised from global marquee equity investors a majority of them signatories of responsible investment principles like Principles of Responsible Investment (PRI). The capital raised is being deployed primarily to fund the ongoing expansion and qualification of our manufacturing facilities and

to support our R&D programs and acquisitions . In case of a major reputational loss, these investors may not have invested in the company or have reduced their investment leading to a reduced market valuation. The selected range is indicative of this high impact, which cannot be quantified more exactly though, since any estimation of financial effects due to a change in reputation is subject to extreme uncertainty.

**Cost to realize opportunity**
50000000

**Strategy to realize opportunity and explanation of cost calculation**
The company engages in active dialogue with relevant stakeholders, including investors, and reports transparently on its climate protection strategy and measures via regular standardized activities (e.g. Annual Report, ESG Report, CDP response, website, investor dialogues, ESG questionnaires etc,

Case study:
Situation: Sustainability figures and performance data, especially GHG emissions data are becoming more and more important and requested by external stakeholders as a mandatory disclosure
Task: In order to publicly report our sustainability and ESG performance data to our stakeholders in a consolidated manner, a mechanism was required
Action: Leadership team came up with the decision to come up with consolidated ESG performance report and engaged cross functional team to drive the creation of the report which include performance data across ESG indicators which included climate change related performance as well
Result : Now the company has a consolidated view of it ESG and climate change performance and is able to effectively share requested information to any stakeholder request

**Comment**

---

**Identifier**
Opp3

**Where in the value chain does the opportunity occur?**
Direct operations

**Opportunity type**
Energy source

**Primary climate-related opportunity driver**
Use of lower-emission sources of energy

**Primary potential financial impact**
Reduced direct costs

**Company-specific description**
We are committed to climate change mitigation, including actions to limit global warming and its related effects. As part of our unceasing efforts to lower GHG emissions over the long term, we use every opportunity to increase renewable energy across our operations through onsite solar installations and by sourcing wind energy to offset grid supply. These efforts led to increase the share of ‘green power’ to over half of our total energy for the reporting period for the company.

**Time horizon**
Medium-term

**Likelihood**
Likely

**Magnitude of impact**
Medium

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
25000000

**Potential financial impact figure – maximum (currency)**
30000000

**Explanation of financial impact figure**
This is based on energy savings realized from solar power generation from the new 300kW rooftop solar and cost savings from purchase of green power through power purchase agreements at lower cost.

**Cost to realize opportunity**
1000000

**Strategy to realize opportunity and explanation of cost calculation**
- Overall the company share of green power out of total electricity consumption was 66% for FY22 with total procurement of 183 million units of power from renewable sources like Wind, Solar and Hydro through third party PPA. (Biocon Limited and Biocon Biologics share of green power was 58 % and Syngene Intl. Ltd share was 85% green power)
- The company acquired a 26% equity stake in Hinduja Renewables Two Private Limited for ₹59 million INR on a fully diluted basis throughout the term of the power purchase agreement (PPA) to enhance the renewable-based power consumption and to maintain its captive status. This is under group captive arrangement.
- In-house solar power generation to cater to part of power requirements where we have successfully commissioned rooftop solar power generation, spread over 2,000 sq. ft., at our manufacturing facilities in Bengaluru. This green energy initiative will generate up to 300 kW of power, potentially reducing carbon emissions by 400 tons annually.
-We have commissioned 20MW captive solar power source in north Karnataka.
Cost calculation: The same is calculated basis investment made in group captive arrangement in Hinduja renewables and setup of 300kW rooftop solar power plant at one of our manufacturing facilities for in-house renewable energy generation

Case study
Situation: The company wanted to advocate for policy that encourages more cleaner fuel for the boiler operations
Task: We are ensuring that all new boilers and existing boilers to be more cleaner fuel .
Action: Boiler fuel as coal to switch to more cleaner fuel like bio mass briquettes
Result: We have reduced about 1050 tons of $CO_2e$ by partially switching coal to biomass briquettes for boiler fuel

**Comment**

**Identifier**
Opp4

**Where in the value chain does the opportunity occur?**
Downstream

**Opportunity type**
Resource efficiency

**Primary climate-related opportunity driver**
Use of more efficient modes of transport

**Primary potential financial impact**
Reduced indirect (operating) costs

**Company-specific description**
Shifting from air to sea freight, which is a comparatively less carbon intensive mode of transport, has helped reduce emissions associated with logistics. More than 80% of the company's supply chain logistics are through shipping. We are also looking to increase our local sourcing to reduce shipping cost and emissions from transportation.

**Time horizon**
Medium-term

**Likelihood**
Very likely

**Magnitude of impact**
Medium

**Are you able to provide a potential financial impact figure?**
No, we do not have this figure

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
<Not Applicable>

**Potential financial impact figure – maximum (currency)**
<Not Applicable>

**Explanation of financial impact figure**
Preferring sea route to more energy intensive and expensive method of transport like air has resulted in considerable cost savings and emission reduction.

**Cost to realize opportunity**

**Strategy to realize opportunity and explanation of cost calculation**
The Company prefers to work alongside and develop small and medium enterprises around its area of operations as local sourcing reduces carbon footprint from freight and cargo and increases local employment. Small and medium enterprises comprise 20-25% of our total supplier base.

**Comment**
We are performing ESG assessment for all the suppliers in phase wise to address and take initiatives on carbon footprint reduction along our supply chain as well as in their operations.

## C3. Business Strategy

### C3.1

### (C3.1) Does your organization's strategy include a transition plan that aligns with a 1.5°C world?

**Row 1**

**Transition plan**
No, but our strategy has been influenced by climate-related risks and opportunities, and we are developing a transition plan within two years

**Publicly available transition plan**
<Not Applicable>

**Mechanism by which feedback is collected from shareholders on your transition plan**
<Not Applicable>

**Description of feedback mechanism**
<Not Applicable>

**Frequency of feedback collection**
<Not Applicable>

**Attach any relevant documents which detail your transition plan (optional)**
<Not Applicable>

**Explain why your organization does not have a transition plan that aligns with a 1.5°C world and any plans to develop one in the future**
Currently our climate related strategy is based upon the climate related risk and opportunities ,and we are planning to commit for Science Based Targets Initiative (SBTi) within two years ,based on this we will have a publicly available transition plan that aligns with 1.5°C world.

**Explain why climate-related risks and opportunities have not influenced your strategy**
<Not Applicable>

## C3.2

### (C3.2) Does your organization use climate-related scenario analysis to inform its strategy?

| | Use of climate-related scenario analysis to inform strategy | Primary reason why your organization does not use climate-related scenario analysis to inform its strategy | Explain why your organization does not use climate-related scenario analysis to inform its strategy and any plans to use it in the future |
|---|---|---|---|
| Row 1 | Yes, qualitative | <Not Applicable> | <Not Applicable> |

## C3.2a

### (C3.2a) Provide details of your organization's use of climate-related scenario analysis.

| Climate-related scenario | Scenario analysis coverage | Temperature alignment of scenario | Parameters, assumptions, analytical choices |
|---|---|---|---|
| Physical climate scenarios: RCP 2.6 | Company-wide | <Not Applicable> | Parameters:Temprature ,Flood,Sea surface temperature rise &Precipitation are parameter were assessed as we think that these parameters are martially affected to our organization<br>Assumptions: we have assumed that with >1.5ºC smooth transition with under early policy action no impact on the Physical climate risks under short ,medium and long term ,late policy action with >1.5ºC disruptive transition we will have impact of physical parameter flood under medium & long term in some of our facility , No policy actions >2.5ºC scenario we will have minimal physical impact under medium and long term<br>Analytical choices :we have set our Short term -0-3 years ,medium term-3-7 years & long term 7-15 years as per our company climate strategy ,we have selected SSP 2.6 scenario from IPCC AR6 report to assess the physical and transition risks this scenario analysis covered all the India operations , qualitative scenario analysis was used for the physical and transition risks |
| Physical climate scenarios: RCP 8.5 | Company-wide | <Not Applicable> | Parameters: Physical climate parameters such as temperature , precipitation & surface wind were assessed<br>Assumptions: under 1.5 ºC scenario was used over short, medium and long term and Biocon will only have impact on the operational cost increase due to total precipitation increase by 4.6-5 mm/day in Indian region which impact our operations due to flood ,and no significant changes were noted in maximum temperature and surface wind under short ,medium long term time horizons<br>Analytical: we have used IPCC WGI interactive Atlas tool to derive the climate factors under RCP 8.5 scenario , qualitative analysis method was used |
| Transition scenarios: IEA 2DS | Company-wide | <Not Applicable> | Parameters: we have considered Technological risk , Market risk, Reputational risk , policy and legal risk for the transition risks<br>Assumptions: under 1.5ºC scenario with policy actions we will not have any impact under transition risks over the three scenarios , however we will have impact on the policy & legal risk over the medium and long terms to adhere to the enhancing regulations on GHG<br>Analytical:IEA 2DS under 2 ºC was considered as per the TCFD recommendation ,qualitative analysis were used to identify the risk and opportunities . |

## C3.2b

**(C3.2b) Provide details of the focal questions your organization seeks to address by using climate-related scenario analysis, and summarize the results with respect to these questions.**

**Row 1**

**Focal questions**

1.What is the scope of the scope of the scenario analysis?
2.What if the temperature temperature goes up more than 1.5 degree C in next 0-3 years the region where we are operating?
3.What if flood arises due to more precipitation in our operating locations?
4.How to manage direct operations ? If the sea surface temperature rises and induces more storm in operating locations?
5. What if value chain disrupts due to change in weather patterns?
6.How to adopt to more technological process for low emission products?
7.How to manage reputational risk if customers/investors look for more climate friendly products ?

**Results of the climate-related scenario analysis with respect to the focal questions**

1. All the Biocon India operations covered under the scope for the scenario analysis. 2.Temperature, Risk: Increase in solvent vaporization will lead to fire and in turn it will impact the infrastructure damage, Opportunity: Vent condensers can be installed to recover the vapor losses to avoid solvent into the atmosphere, Financial impact: Increase in operating costs & opportunity cost loss due to shutdown of operations, Risk : Increase in temperature will lead to more energy consumption for chillers and cooling mediums, Opportunity: To use energy efficient chillers and cooling mediums , Financial impact: Increase in operating & energy costs. Risk : Increase temperature will lead to water scarcity for the operations , Opportunity: Adopting to newer technologies for the water recycling and reuse, Financial impact: Increase in costs through new solutions to adaptation needs. Risk : Increase in temperature will lead to employee health problems like heat stroke or cramps, Cardiovascular diseases, Respiratory diseases, cerebrovascular diseases and Diabetes – related conditions, Opportunity: Global impact of this risks could provide an opportunity for Biocon products to address these diseases, Financial impact: Increase in operating costs and disruption in manufacturing activities . 3. Risk: Increase in flooding – increase in flooding frequency and severity therefore increasing damage to infrastructure. Delay in receipt of materials from customer & vendors, Opportunity: Nil,Financial impact: Disruption in manufacturing activities 4. Risk: Increase in precipitation – increase in frequency or severity of damage to low-lying infrastructure ,transport structures , Opportunity: Water availability at supply sources , Financial impact: Disruption in manufacturing activities. 5.Risk: Process disruption due to adopting to the new technologies. Without Adequate studies/trials, Opportunity: Increase in profitability due to new technology adaptations, Financial impact: Returns on investment in low-emissions technology. 6. Risk: Potential risk of revenue loss due to changes in consumer preference, Opportunity: Opportunity to move towards the more climate friendly products in line with the national and international climate polices, Financial Impact: Increased revenue through demand for lower emissions products and services,Decrease in revenue in case of not addressing the risk. 7.Risk: Enhancing regulations on GHG emissions, imposing greater obligations on information disclosure, Opportunity: Development and/or expansion of low emission goods and services , Financial impact: Increase in operational costs for transition to low carbon products Increase in investment for transition from high to low carbon emitting processes & equipment's.

## C3.3

### (C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.

| | Have climate-related risks and opportunities influenced your strategy in this area? | Description of influence |
|---|---|---|
| Products and services | Yes | Impact: Significant/High. Timeline: medium to long term.<br><br>Climate Change impacts clients' needs and behaviours, as well as other stakeholders' expectations. Market scenario analysis by third party agencies shows how shifting consumer preference would increase in demand for low carbon products. As customers look to procure products that are low- or zero-carbon intensive, the company has the opportunity to pitch to those customers by showcasing the low energy intensive manufacturing employed to manufacture our products. We aim to capitalize on these advantages and thereby to manage our climate related risks and opportunities. Accordingly, this has also encouraged us to explore the possibilities of setting ambitious emission reduction targets and moving from low-carbon to zero-carbon over time. Our business strategies are increasingly becoming inclusive of objectives to explore cleaner production methods through Green chemistry, reusable packing and smart transportation.<br><br>Case study :<br>one example would be to align with our goal of 100 % renewable energy we have increased our overall renewable energy to 66% in FY22 compare to 65% in FY21 |
| Supply chain and/or value chain | Yes | Impact: Significant/High. Timeline: medium to long term.<br><br>Climate Change impacts clients' needs and behaviours, as well as other stakeholders' expectations. Market scenario analysis by third party agencies shows how shifting consumer preference would increase in demand for low carbon products. As customers look to procure products that are low- or zero-carbon intensive, the company has the opportunity to pitch to those customers by showcasing the low energy intensive manufacturing employed to manufacture our products. We aim to capitalize on these advantages and thereby to manage our climate related risks and opportunities. Accordingly, this has also encouraged us to explore the possibilities of setting ambitious emission reduction targets and moving from low-carbon to zero-carbon over time. Our business strategies are increasingly becoming inclusive of objectives to explore cleaner production methods through Green chemistry, reusable packing and smart transportation.<br><br>Case study :<br>We are Shifted from air to sea freight, which is a comparatively less carbon intensive mode of transport, has helped reduce emissions associated with logistics. More than 70% of the company's supply chain logistics are through shipping. We are also looking to increase our local sourcing to reduce shipping cost and emissions from transportation. |
| Investment in R&D | Yes | Impact: Significant/High. Timeline: medium to long term.<br><br>Climate Change impacts clients' needs and behaviours, as well as other stakeholders' expectations. Market scenario analysis by third party agencies shows how shifting consumer preference would increase in demand for low carbon products. As customers look to procure products that are low- or zero-carbon intensive, the company has the opportunity to pitch to those customers by showcasing the low energy intensive manufacturing employed to manufacture our products. We aim to capitalize on these advantages and thereby to manage our climate related risks and opportunities. Accordingly, this has also encouraged us to explore the possibilities of setting ambitious emission reduction targets and moving from low-carbon to zero-carbon over time. Our business strategies are increasingly becoming inclusive of objectives to explore cleaner production methods through Green chemistry, reusable packing and smart transportation.<br><br>Case study :<br>As global concerns over environmental sustainability grow, more and more patients will demand eco-friendly products and packaging. As a responsible company, we have taken the initiative to introduce reusable pens for insulin products in several markets, which helps reduce plastic waste. In India, we introduced a reusable insulin pen after rigorous Research and Development (R&D) to achieve the same. |
| Operations | Yes | Impact: Significant/High. Timeline: medium to long term.<br><br>Climate Change impacts clients' needs and behaviours, as well as other stakeholders' expectations. Market scenario analysis by third party agencies shows how shifting consumer preference would increase in demand for low carbon products. As customers look to procure products that are low- or zero-carbon intensive, the company has the opportunity to pitch to those customers by showcasing the low energy intensive manufacturing employed to manufacture our products. We aim to capitalize on these advantages and thereby to manage our climate related risks and opportunities. Accordingly, this has also encouraged us to explore the possibilities of setting ambitious emission reduction targets and moving from low-carbon to zero-carbon over time. Our business strategies are increasingly becoming inclusive of objectives to explore cleaner production methods through Green chemistry, reusable packing and smart transportation.<br><br>Case study :<br>Our company wanted to advocate for policy that encourages more cleaner fuel for the boiler operations part of this we are ensuring that all new boilers and existing boilers to be more cleaner fuel the action was taken to use Boiler fuel as coal to switch to more cleaner fuel like biomass briquettes by doing so We have reduced about 1050 tons of CO2 equilent by partially switching coal to biomass briquettes for boiler fuel |

## C3.4

### (C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.

| | Financial planning elements that have been influenced | Description of influence |
|---|---|---|
| Row 1 | Direct costs<br>Indirect costs<br>Capital expenditures<br>Capital allocation | Impact: Significant/High. Timeline: medium to long term.<br><br>We are committed to climate change mitigation, including actions to limit global warming and its related effects. As part of our unceasing efforts to lower GHG emissions over the long term, we use every opportunity to increase renewable energy across our operations through onsite solar installations and by sourcing wind energy to offset grid supply. These efforts led to increase the share of 'green power' to over half of our total energy for the reporting period for the company. Overall the company share of green power out of total electricity consumption was 66% for FY22 with total procurement of 183 million units of power from renewable sources like Wind, Solar and Hydro through third party PPA. (Biocon Limited and Biocon Biologics share of green power was 58% and Syngene Intl. Ltd share was 85% green power).<br><br>Case Study:<br>The company acquired a 26% equity stake in Hinduja Renewables Two Private Limited for ₹59 million INR on a fully diluted basis throughout the term of the power purchase agreement (PPA) to enhance the renewable-based power consumption and to maintain its captive status. This is under group captive arrangement. |

## C4. Targets and performance

## C4.1

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

## C4.1a

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

**Target reference number**
Abs 1

**Year target was set**
2020

**Target coverage**
Country/region

**Scope(s)**
Scope 2

**Scope 2 accounting method**
Location-based

**Scope 3 category(ies)**
<Not Applicable>

**Base year**
2018

**Base year Scope 1 emissions covered by target (metric tons CO2e)**
<Not Applicable>

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

**Base year Scope 3 emissions covered by target (metric tons CO2e)**
<Not Applicable>

**Total base year emissions covered by target in all selected Scopes (metric tons CO2e)**
145300

**Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**
<Not Applicable>

**Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**

**Base year Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**
<Not Applicable>

**Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**
100

**Target year**
2022

**Targeted reduction from base year (%)**
10

**Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]**
130770

**Scope 1 emissions in reporting year covered by target (metric tons CO2e)**
<Not Applicable>

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

**Scope 3 emissions in reporting year covered by target (metric tons CO2e)**
<Not Applicable>

**Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)**
76254

**% of target achieved relative to base year [auto-calculated]**
475.196145905024

**Target status in reporting year**
Achieved

**Is this a science-based target?**
No, but we anticipate setting one in the next 2 years

**Target ambition**
<Not Applicable>

**Please explain target coverage and identify any exclusions**
Compared to base year FY18 the overall emissions from purchased electricity decreased in FY22. This was due to the fact that 183 million units of power was procured in FY22 was from renewable sources compared to 66 million units from renewable sources in FY18. We have achieved very successfully more than target of 10% scope 2 emission reduction from base year FY18 by reducing emissions by 50 % in FY22 compared to base year FY18.

**Plan for achieving target, and progress made to the end of the reporting year**
<Not Applicable>

**List the emissions reduction initiatives which contributed most to achieving this target**
1.Overall renewable power usage have increased from 65 % to 66%
2.Reducing specific energy consumption from 0.63 kWh/m³ to 0.46 kWh/m³ by implementing dew point sensor based drier operation in air compressor to optimize heater and blower running hours in MSEZ.
3.Implemented VFD (Variable frequency drive) for cooling tower pump and fan to optimize power consumption which saved 0.10 million units of power
4.Cooling tower pump impeller got trimmed to maximize the pumps efficiency
5.24.82Mn capital investment made for the above said energy conservation
6.Installed energy efficient motors for Air Compressor and ETP
7.Installed energy efficient motors for Chilled water and cooling water pumps
8.Installed Variable Frequency Drives for Chilled water pumps
8.We have commissioned 20 MW solar panel north Karnataka

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**Target reference number**
Abs 2

**Year target was set**
2020

**Target coverage**
Country/region

**Scope(s)**
Scope 1

**Scope 2 accounting method**
<Not Applicable>

**Scope 3 category(ies)**
<Not Applicable>

**Base year**
2018

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

**Base year Scope 2 emissions covered by target (metric tons CO2e)**
<Not Applicable>

**Base year Scope 3 emissions covered by target (metric tons CO2e)**
<Not Applicable>

**Total base year emissions covered by target in all selected Scopes (metric tons CO2e)**
57102

**Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1**

**Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2**
<Not Applicable>

**Base year Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**
<Not Applicable>

**Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**
100

**Target year**
2022

**Targeted reduction from base year (%)**
5

**Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]**
54246.9

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

**Scope 2 emissions in reporting year covered by target (metric tons CO2e)**
<Not Applicable>

**Scope 3 emissions in reporting year covered by target (metric tons CO2e)**
<Not Applicable>

**Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)**
61508

**% of target achieved relative to base year [auto-calculated]**
-154.320339042415

**Target status in reporting year**
Achieved

**Is this a science-based target?**
No, but we anticipate setting one in the next 2 years

**Target ambition**
<Not Applicable>

**Please explain target coverage and identify any exclusions**

Compared to FY18 the overall scope 1 emissions from inside facility manufacturing operations is 4.42% less in FY20. We have achieved 91% of the target of 5% scope 1 emission reduction from base year FY18. Since we included Syngene Hyderabad site emissions for this reporting year, the additional emissions had impacted the overall reduction compared to target year 2018, where the Syngene Hyderabad ,Biocon Hyderabad & Vizag sites were not in reporting scope. We had achieved the target of 5% scope 1 emission if we take same baseline 2018 reporting scope.

**Plan for achieving target, and progress made to the end of the reporting year**
<Not Applicable>

**List the emissions reduction initiatives which contributed most to achieving this target**
1.Installed energy efficient Economizers in Boilers for steam generation
2.Energy Saving by installation of Hot water coil in the AHU to switch OFF Dehumidifier electric heaters
3.Total of 62.5 million investment made for the energy reduction measures

## C4.2

**(C4.2) Did you have any other climate-related targets that were active in the reporting year?**
Target(s) to increase low-carbon energy consumption or production
Other climate-related target(s)

## C4.2a

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

**Target reference number**
Low 1

**Year target was set**
2020

**Target coverage**
Country/region

**Target type: energy carrier**
Electricity

**Target type: activity**
Consumption

**Target type: energy source**
Renewable energy source(s) only

**Base year**
2018

**Consumption or production of selected energy carrier in base year (MWh)**
66000

**% share of low-carbon or renewable energy in base year**
34

**Target year**
2020

**% share of low-carbon or renewable energy in target year**
42

**% share of low-carbon or renewable energy in reporting year**
66.5

**% of target achieved relative to base year [auto-calculated]**
406.25

**Target status in reporting year**
Achieved

**Is this target part of an emissions target?**
Yes. This target was part of Scope 2 emissions reduction.

**Is this target part of an overarching initiative?**
No, it's not part of an overarching initiative

**Please explain target coverage and identify any exclusions**
Scope of the renewable energy sources covers all the india operations which included Biocon and Syngene

**Plan for achieving target, and progress made to the end of the reporting year**
<Not Applicable>

**List the actions which contributed most to achieving this target**
The target of having 100 million units of purchased electricity from renewable energy sources in FY21 against 66 million units in FY18 has been overachieved. 183 million units of purchased electricity in FY22 was from renewable sources (wind energy, Solar and hydropower). The company also acquired a 26% equity stake in Hinduja Renewables Two Private Limited for ₹59 million INR on a fully diluted basis throughout the term of the power purchase agreement (PPA) to enhance the renewable-based power consumption and to maintain its captive status. This is under group captive arrangement and we have also commissioned 20MW solar captive power requirement.

## C4.2b

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

**Target reference number**
Oth 1

**Year target was set**
2020

**Target coverage**
Country/region

**Target type: absolute or intensity**
Absolute

**Target type: category & Metric (target numerator if reporting an intensity target)**

| | |
|---|---|
| Other, please specify | Other, please specify (Renewable energy generation) |

**Target denominator (intensity targets only)**
<Not Applicable>

**Base year**
2020

**Figure or percentage in base year**
0

**Target year**
2021

**Figure or percentage in target year**
0.1

**Figure or percentage in reporting year**
0.1

**% of target achieved relative to base year [auto-calculated]**
100

**Target status in reporting year**
Achieved

**Is this target part of an emissions target?**
No. This is not part of emissions target

**Is this target part of an overarching initiative?**
Please select

**Please explain target coverage and identify any exclusions**
In-house solar power generation to cater to part of power requirements where we have successfully commissioned rooftop solar power generation, spread over 2,000 sq. ft., at our manufacturing facilities in Bengaluru. This green energy initiative generates up to 300 KW of power, potentially reducing carbon emissions by 400 tons annually.

**Plan for achieving target, and progress made to the end of the reporting year**
<Not Applicable>

**List the actions which contributed most to achieving this target**
Commissioned 300 Kva roof top solar panels in one of the facility

## C4.3

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

## C4.3a

**(C4.3a) 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 | 1 | |
| To be implemented* | 4 | |
| Implementation commenced* | 1 | 35000 |
| Implemented* | 5 | 183397 |
| Not to be implemented | | |

## C4.3b

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

**Initiative category & Initiative type**

| | |
|---|---|
| Energy efficiency in production processes | Waste heat recovery |

**Estimated annual CO2e savings (metric tonnes CO2e)**
1652

**Scope(s) or Scope 3 category(ies) where emissions savings occur**
Scope 1

**Voluntary/Mandatory**
Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**
24000000

**Investment required (unit currency – as specified in C0.4)**
40000000

**Payback period**
1-3 years

**Estimated lifetime of the initiative**
11-15 years

**Comment**
8,60,214 SCM (Standard cubic meter) of Natural gas saved from adding 7 no's of energy efficient economizers to our boilers for steam generation. Same has resulted in an additional CO2 reduction of over 1,652 tons and cost savings of 3.4 cr. INR/year

**Initiative category & Initiative type**

| | |
|---|---|
| Energy efficiency in production processes | Machine/equipment replacement |

**Estimated annual CO2e savings (metric tonnes CO2e)**
1791

**Scope(s) or Scope 3 category(ies) where emissions savings occur**
Scope 2 (location-based)

**Voluntary/Mandatory**
Mandatory

**Annual monetary savings (unit currency – as specified in C0.4)**
416100000

**Investment required (unit currency – as specified in C0.4)**
1640000

**Payback period**
1-3 years

**Estimated lifetime of the initiative**
11-15 years

**Comment**
1.Replaced CFL lamps with energy efficient LED lamps
2.Replaced old version 250TR chiller with energy efficient 150TR latest technology magnetic chiller with variable speed drive
3.Improving operational efficiency of Nitrogen plant by innovatively regulated the optimum pressure set points to meet the operational requirements
4.Reducing specific energy consumption from 0.63 kWh/$m^3$ to 0.46 kWh/$m^3$ by implementing dew point sensor based drier operation in air compressor to optimize heater and blower running hours
5.Cyclic timer control for AC units for auto cut off -Admin block
6.Implemented VFD (Variable frequency drive) for cooling tower pump and fan to optimize power consumption
7.Cooling tower pump impeller got trimmed to maximize the pumps efficiency
8.Energy Saving by installation of Hot water coil in the AHU to switch OFF Dehumidifier electric heaters

**Initiative category & Initiative type**

| | |
|---|---|
| Low-carbon energy consumption | Low-carbon electricity mix |

**Estimated annual CO2e savings (metric tonnes CO2e)**
164639

**Scope(s) or Scope 3 category(ies) where emissions savings occur**
Scope 2 (location-based)

**Voluntary/Mandatory**
Voluntary

**Annual monetary savings (unit currency – as specified in C0.4)**
14000000

**Investment required (unit currency – as specified in C0.4)**
12000000

**Payback period**
4-10 years

**Estimated lifetime of the initiative**
16-20 years

**Comment**
Overall the company share of green power out of total electricity consumption was 66% for FY22 with total procurement of 183 million units of power from renewable sources like Wind, Solar and Hydro through third party PPA. (Biocon Limited and Biocon Biologics share of green power was 54% and Syngene Intl. Ltd share was 85% green power)

## C4.3c

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

| Method | Comment |
|---|---|
| Financial optimization calculations | We calculate the monetary savings the organization achieves in terms of energy conservation and energy efficiency achieved during emission reduction activities to drive investment for further projects. |
| Internal incentives/recognition programs | Internal incentives and recognition programs are organised to drive interest among employees to work in emission reduction activities |
| Lower return on investment (ROI) specification | We calculate Return on Investment (ROI) the organisation achieves in terms of energy conservation and energy efficiency achieved during emission reduction activities to drive investment for further projects. |
| Dedicated budget for other emissions reduction activities | When capital expenditure is allocated for a new project, a part of capex is allocated for environmental initiatives as part of Environmental Management Plan (EMP). Under EMP emission reduction initatives form a major aspect. |

## C4.5

**(C4.5) Do you classify any of your existing goods and/or services as low-carbon products?**
No

# C5. Emissions methodology

## C5.1

**(C5.1) Is this your first year of reporting emissions data to CDP?**
No

## C5.1a

**(C5.1a) 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?**

**Row 1**

**Has there been a structural change?**
No

**Name of organization(s) acquired, divested from, or merged with**
<Not Applicable>

**Details of structural change(s), including completion dates**
<Not Applicable>

## C5.1b

**(C5.1b) 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? | Details of methodology, boundary, and/or reporting year definition change(s) |
|---|---|---|
| Row 1 | Yes, a change in boundary | We have included Syngene Hyderabad facility for the reporting scope in this reporting year |

## C5.1c

**(C5.1c) Have your organization's base year emissions been recalculated as result of the changes or errors reported in C5.1a and C5.1b?**

| | Base year recalculation | Base year emissions recalculation policy, including significance threshold |
|---|---|---|
| Row 1 | Please select | |

## C5.2

**(C5.2) Provide your base year and base year emissions.**

**Scope 1**

**Base year start**
April 1 2017

**Base year end**
March 31 2018

**Base year emissions (metric tons CO2e)**
57102

**Comment**
Scope 1 emissions from Biocon Limited, Biocon Biologics Limited and Syngene Ltd. operations (Steam generation and captive power generation). Only Bangalore locations emissions data were in reporting scope for this baseline year.

**Scope 2 (location-based)**

**Base year start**
April 1 2017

**Base year end**
March 31 2018

**Base year emissions (metric tons CO2e)**
145300

**Comment**
Scope 2 emissions from Biocon Limited, Biocon Biologics Limited and Syngene Ltd. operations (Purchased Electricity). Only Bangalore locations emissions data were in reporting scope for this baseline year.

**Scope 2 (market-based)**

**Base year start**
April 1 2017

**Base year end**
March 31 2018

**Base year emissions (metric tons CO2e)**
145300

**Comment**
Scope 2 emissions from Biocon Limited, Biocon Biologics Limited and Syngene International operations (Purchased Electricity). Only Bangalore locations in reporting scope for this baseline.

**Scope 3 category 1: Purchased goods and services**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 2: Capital goods**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

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

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 4: Upstream transportation and distribution**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 5: Waste generated in operations**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 6: Business travel**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 7: Employee commuting**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 8: Upstream leased assets**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 9: Downstream transportation and distribution**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 10: Processing of sold products**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 11: Use of sold products**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

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

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 13: Downstream leased assets**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 14: Franchises**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3 category 15: Investments**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3: Other (upstream)**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

**Scope 3: Other (downstream)**

**Base year start**

**Base year end**

**Base year emissions (metric tons CO2e)**

**Comment**

## C5.3

**(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.**

India GHG Inventory Programme
The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
The Greenhouse Gas Protocol: Public Sector Standard
The Greenhouse Gas Protocol: Scope 2 Guidance

# C6. Emissions data

## C6.1

**(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?**

**Reporting year**

**Gross global Scope 1 emissions (metric tons CO2e)**
61508

**Start date**
<Not Applicable>

**End date**
<Not Applicable>

**Comment**
As part of the company's strategy, we have made changes to how GHG emissions are reported for FY22. For this reporting year, in order to achieve the target of 100% coverage of India operations, we have included the emissions of our Syngene Hyderabad, sites in the reporting scope. Malaysia operations emission data not included this reporting year.

## C6.2

**(C6.2) Describe your organization's approach to reporting Scope 2 emissions.**

**Row 1**

**Scope 2, location-based**
We are reporting a Scope 2, location-based figure

**Scope 2, market-based**
We have no operations where we are able to access electricity supplier emission factors or residual emissions factors and are unable to report a Scope 2, market-based figure

**Comment**
Since our contractual instruments for purchased electricity do not disclose GHG emission factors we are unable to calculate market-based figure. We have calculated location-based figure based on average emission intensity of grid power in our region.

## C6.3

**(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?**

**Reporting year**

**Scope 2, location-based**
76254

**Scope 2, market-based (if applicable)**
<Not Applicable>

**Start date**
<Not Applicable>

**End date**
<Not Applicable>

**Comment**

## C6.4

**(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?**
Yes

## C6.4a

**(C6.4a) Provide details of the sources of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure.**

**Source**
We have included our Malaysia site in the reporting boundary for first time this year. However the emissions data is not included in gross global scope 1 and 2 emissions for the overall company since the facility operations were not part of the emission reduction targets which were set in 2020.

**Relevance of Scope 1 emissions from this source**
Emissions are not relevant

**Relevance of location-based Scope 2 emissions from this source**
Emissions are not relevant

**Relevance of market-based Scope 2 emissions from this source (if applicable)**
Emissions are not relevant

**Explain why this source is excluded**
However we have not included the site's emissions in scope 1 and 2 since our baseline year or the targets didn't include this site in the reporting boundary. So we are excluding from this year as it is not relevant and we anticipate including Malaysia site emissions from upcoming reporting year as part of gross scope 1 and 2 emission figures.

**Estimated percentage of total Scope 1+2 emissions this excluded source represents**

**Explain how you estimated the percentage of emissions this excluded source represents**

## C6.5

**(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.**

### Purchased goods and services

**Evaluation status**
Relevant, calculated

**Emissions in reporting year (metric tons CO2e)**
4477513.11

**Emissions calculation methodology**
Average spend-based method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Please explain**
We have used spend based method as per GHG protocol ,Paper, API/Intermediate/Preparations, Bulk chemical, Excipients, Other chemical products are considered as purchased goods ,Emission factors were derived from Pharmaceutical Supply Chain Initiative (PSCI) guidance document

### Capital goods

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

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

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### Upstream transportation and distribution

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### Waste generated in operations

**Evaluation status**
Relevant, calculated

**Emissions in reporting year (metric tons CO2e)**
6341

**Emissions calculation methodology**
Average data method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Please explain**
we have used total hazardous waste with land fill ,incineration & recycled material under the scope for the calculation ,GHG protocol was used for the calculation methodology and PSCI guidance for emission factors

### Business travel

**Evaluation status**
Relevant, calculated

**Emissions in reporting year (metric tons CO2e)**
1196

**Emissions calculation methodology**
Distance-based method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Please explain**
Since most significant emissions from business travel for bio pharmaceutical like us ,hence we have taken only air travel for the scope the calculation ,and classified short and long haul flights to arrive for the emission factor , GHG protocol was used for the calculation methodology and PSCI guidance for the emission factor

### Employee commuting

**Evaluation status**
Relevant, calculated

**Emissions in reporting year (metric tons CO2e)**
32784

**Emissions calculation methodology**
Average data method

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**

**Please explain**
Employee 2-wheelers : 3598 no's (avg km/day = 40) 2. Employee cars : 1892 no's (avg km/day = 40) 3. Employee pickup and drop cabs : 80 no's (avg km/day = 80) and Cabs we used 0.10KgCo2/Km ,car we used 0.18kgCo2/km and wheelers 0 ,considered as emission factors as per PSCI guidance

### Upstream leased assets

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### Downstream transportation and distribution

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### Processing of sold products

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### Use of sold products

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### End of life treatment of sold products

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### Downstream leased assets

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### Franchises

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

### Investments

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

**Other (upstream)**

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

**Other (downstream)**

**Evaluation status**
Not evaluated

**Emissions in reporting year (metric tons CO2e)**
<Not Applicable>

**Emissions calculation methodology**
<Not Applicable>

**Percentage of emissions calculated using data obtained from suppliers or value chain partners**
<Not Applicable>

**Please explain**

## C6.7

**(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?**
No

## C6.10

**(C6.10) 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.**

**Intensity figure**
0.00000168

**Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)**
137752

**Metric denominator**
unit total revenue

**Metric denominator: Unit total**
81960000000

**Scope 2 figure used**
Location-based

**% change from previous year**
5.6

**Direction of change**
Decreased

**Reason for change**
The continuous adoption of renewable energy as a preferred source has enabled us to successfully reduce our carbon footprint FY22 . Apart from this there are various other initiatives which have contributed to emission reduction at operations level.

**Intensity figure**
9.2

**Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)**
137752

**Metric denominator**
full time equivalent (FTE) employee

**Metric denominator: Unit total**
15082

**Scope 2 figure used**
Location-based

**% change from previous year**
4.1

**Direction of change**
Decreased

**Reason for change**
The continuous adoption of renewable energy as a preferred source has enabled us to successfully reduce our carbon footprint FY22 . Apart from this there are various other initiatives which have contributed to emission reduction at operations level.

## C7. Emissions breakdowns

### C7.1

**(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?**
No

### C7.2

**(C7.2) Break down your total gross global Scope 1 emissions by country/region.**

| Country/Region | Scope 1 emissions (metric tons CO2e) |
|---|---|
| India | 61508 |

### C7.3

**(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.**
By facility

## C7.3b

**(C7.3b) Break down your total gross global Scope 1 emissions by business facility.**

| Facility | Scope 1 emissions (metric tons CO2e) | Latitude | Longitude |
|---|---|---|---|
| Biocon Limited and Biocon Biologics India Limited, 20th KM, Bengaluru (Site 1) | 12481 | 12.831445 | 77.679417 |
| Biocon Limited, Biocon Biologics India Limited and Syngene International Limited - BSEZ, Bengaluru (Site 2) | 34833 | 12.804027 | 77.661651 |
| Biocon Limited, Hyderabad (Site 3) | 10513 | 17.539928 | 78.179002 |
| Biocon Limited, Vishakapatnam (Site 5) | 2509 | 17.673734 | 83.081681 |
| Syngene International Limited, (MSEZ), Mangalore | 1086 | 12.983083 | 74.85809 |
| Syngene International Limited ,Hyderabad | 42 | 17.66062 | 78.62303 |

## C7.5

**(C7.5) Break down your total gross global Scope 2 emissions by country/region.**

| Country/Region | Scope 2, location-based (metric tons CO2e) | Scope 2, market-based (metric tons CO2e) |
|---|---|---|
| India | 76254 | |

## C7.6

**(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.**

By facility

## C7.6b

**(C7.6b) Break down your total gross global Scope 2 emissions by business facility.**

| Facility | Scope 2, location-based (metric tons CO2e) | Scope 2, market-based (metric tons CO2e) |
|---|---|---|
| Biocon Limited and Biocon Biologics India Limited, 20th KM (Site 1) | 6280 | |
| Biocon Limited, Biocon Biologics India Limited and Syngene International Limited - BSEZ (Site 2) | 46790 | |
| Biocon Limited, Hyderabad (Site 3) | 10484 | |
| Biocon Limited, Vishakapatnam (Site 5) | 4042 | |
| Syngene International Limited, (MSEZ), Mangalore | 3912 | |
| Syngene International Limited ,Hyderabad | 3759 | |

## C7.9

**(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?**

Increased

## C7.9a

**(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.**

| | Change in emissions (metric tons CO2e) | Direction of change | Emissions value (percentage) | Please explain calculation |
|---|---|---|---|---|
| Change in renewable energy consumption | 23400 | Decreased | 14.2 | We have increased our renewable energy usage from 157 Mn units to 183 Mn units which help to decrease our scope 2 emissions |
| Other emissions reduction activities | 2963 | Increased | 2.2 | Total GHG emissions are 1,37,752 MT in FY 22 and 1,30,988 MT in FY 21 respectively. In spite of onsite solar installations and sourcing of power from renewable sources have increased the share of green power to 66% and other energy saving activities we have seen a 5 % increase in overall GHG emissions due to our product portfolio and capacity increase and also we have included Syngene Hyderabad for the reporting boundary |
| Divestment | | <Not Applicable> | | |
| Acquisitions | | <Not Applicable> | | |
| Mergers | | <Not Applicable> | | |
| Change in output | | <Not Applicable> | | |
| Change in methodology | | <Not Applicable> | | |
| Change in boundary | 3801 | Increased | 2.8 | We have included Syngene Hyderabad as reporting boundary hence slight increase in emissions |
| Change in physical operating conditions | | <Not Applicable> | | |
| Unidentified | | <Not Applicable> | | |
| Other | | <Not Applicable> | | |

## C7.9b

**(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?**

Location-based

# C8. Energy

## C8.1

**(C8.1) What percentage of your total operational spend in the reporting year was on energy?**

More than 0% but less than or equal to 5%

## C8.2

**(C8.2) 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) | Yes |
| Consumption of purchased or acquired electricity | Yes |
| Consumption of purchased or acquired heat | No |
| Consumption of purchased or acquired steam | No |
| Consumption of purchased or acquired cooling | No |
| Generation of electricity, heat, steam, or cooling | Yes |

## C8.2a

### (C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

| | Heating value | MWh from renewable sources | MWh from non-renewable sources | Total (renewable and non-renewable) MWh |
|---|---|---|---|---|
| Consumption of fuel (excluding feedstock) | Unable to confirm heating value | 0 | 264154 | 264154 |
| Consumption of purchased or acquired electricity | <Not Applicable> | 183000 | 92000 | 275000 |
| Consumption of purchased or acquired heat | <Not Applicable> | <Not Applicable> | <Not Applicable> | <Not Applicable> |
| Consumption of purchased or acquired steam | <Not Applicable> | <Not Applicable> | <Not Applicable> | <Not Applicable> |
| Consumption of purchased or acquired cooling | <Not Applicable> | <Not Applicable> | <Not Applicable> | <Not Applicable> |
| Consumption of self-generated non-fuel renewable energy | <Not Applicable> | | <Not Applicable> | |
| Total energy consumption | <Not Applicable> | 183000 | 92000 | 275000 |

## C8.2b

### (C8.2b) Select the applications of your organization's consumption of fuel.

| | Indicate whether your organization undertakes this fuel application |
|---|---|
| Consumption of fuel for the generation of electricity | Yes |
| Consumption of fuel for the generation of heat | No |
| Consumption of fuel for the generation of steam | Yes |
| Consumption of fuel for the generation of cooling | No |
| Consumption of fuel for co-generation or tri-generation | No |

## C8.2c

### (C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

**Sustainable biomass**

**Heating value**
Please select

**Total fuel MWh consumed by the organization**

**MWh fuel consumed for self-generation of electricity**

**MWh fuel consumed for self-generation of heat**

**MWh fuel consumed for self-generation of steam**

**MWh fuel consumed for self-generation of cooling**
<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**
<Not Applicable>

**Comment**

**Other biomass**

**Heating value**
Please select

**Total fuel MWh consumed by the organization**

**MWh fuel consumed for self-generation of electricity**

**MWh fuel consumed for self-generation of heat**

**MWh fuel consumed for self-generation of steam**

**MWh fuel consumed for self-generation of cooling**
<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**
<Not Applicable>

**Comment**

**Other renewable fuels (e.g. renewable hydrogen)**

**Heating value**
Please select

**Total fuel MWh consumed by the organization**

**MWh fuel consumed for self-generation of electricity**

**MWh fuel consumed for self-generation of heat**

**MWh fuel consumed for self-generation of steam**

**MWh fuel consumed for self-generation of cooling**
<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**
<Not Applicable>

**Comment**

**Coal**

**Heating value**
Unable to confirm heating value

**Total fuel MWh consumed by the organization**
11192

**MWh fuel consumed for self-generation of electricity**
0

**MWh fuel consumed for self-generation of heat**
0

**MWh fuel consumed for self-generation of steam**
11192

**MWh fuel consumed for self-generation of cooling**
<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**
<Not Applicable>

**Comment**
Coal is used as a fuel in boiler to generate steam

**Oil**

**Heating value**
Unable to confirm heating value

**Total fuel MWh consumed by the organization**
22755

**MWh fuel consumed for self-generation of electricity**
22755

**MWh fuel consumed for self-generation of heat**
0

**MWh fuel consumed for self-generation of steam**
0

**MWh fuel consumed for self-generation of cooling**
<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**
<Not Applicable>

**Comment**
HSD is used in DG sets for captive electricity generation during absence of grid power.

**Gas**

**Heating value**
Unable to confirm heating value

**Total fuel MWh consumed by the organization**
226790

**MWh fuel consumed for self-generation of electricity**
0

**MWh fuel consumed for self-generation of heat**
0

**MWh fuel consumed for self-generation of steam**
226790

**MWh fuel consumed for self-generation of cooling**
<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**
<Not Applicable>

**Comment**
Natural gas used in boiler for steam generation

**Other non-renewable fuels (e.g. non-renewable hydrogen)**

**Heating value**
Please select

**Total fuel MWh consumed by the organization**

**MWh fuel consumed for self-generation of electricity**

**MWh fuel consumed for self-generation of heat**

**MWh fuel consumed for self-generation of steam**

**MWh fuel consumed for self-generation of cooling**
<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**
<Not Applicable>

**Comment**

**Total fuel**

**Heating value**
Unable to confirm heating value

**Total fuel MWh consumed by the organization**
260737

**MWh fuel consumed for self-generation of electricity**
22755

**MWh fuel consumed for self-generation of heat**

**MWh fuel consumed for self-generation of steam**
237982

**MWh fuel consumed for self-generation of cooling**
<Not Applicable>

**MWh fuel consumed for self- cogeneration or self-trigeneration**
<Not Applicable>

**Comment**
HSD used for DG incase of grid power not available , CNG and coal is used as fuel for boilers for steam generation

## C8.2d

**(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.**

| | Total Gross generation (MWh) | Generation that is consumed by the organization (MWh) | Gross generation from renewable sources (MWh) | Generation from renewable sources that is consumed by the organization (MWh) |
|---|---|---|---|---|
| Electricity | 22755 | 22755 | 0 | 0 |
| Heat | | | | |
| Steam | 237982 | 237982 | | |
| Cooling | | | | |

## C8.2g

**(C8.2g) Provide a breakdown of your non-fuel energy consumption by country.**

**Country/area**
India

**Consumption of electricity (MWh)**
275000

**Consumption of heat, steam, and cooling (MWh)**
0

**Total non-fuel energy consumption (MWh) [Auto-calculated]**
275000

**Is this consumption excluded from your RE100 commitment?**
<Not Applicable>

## C9. Additional metrics

### C9.1

**(C9.1) Provide any additional climate-related metrics relevant to your business.**

**Description**
Energy usage

**Metric value**
297600

**Metric numerator**
Total Revenues in INR

**Metric denominator (intensity metric only)**
MWH consumed via purchased electricity

**% change from previous year**
10

**Direction of change**
Increased

**Please explain**
Due to various energy saving measures and process efficiency total revenue generated/MWh has increased

## C10. Verification

### C10.1

**(C10.1) Indicate the verification/assurance status that applies to your reported emissions.**

| | Verification/assurance status |
|---|---|
| Scope 1 | No third-party verification or assurance |
| Scope 2 (location-based or market-based) | No third-party verification or assurance |
| Scope 3 | No third-party verification or assurance |

### C10.2

**(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?**
No, but we are actively considering verifying within the next two years

## C11. Carbon pricing

### C11.1

**(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?**

No, and we do not anticipate being regulated in the next three years

## C11.2

**(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?**

No

## C11.3

**(C11.3) Does your organization use an internal price on carbon?**

No, but we anticipate doing so in the next two years

# C12. Engagement

## C12.1

**(C12.1) Do you engage with your value chain on climate-related issues?**

Yes, our suppliers

Yes, our customers/clients

Yes, other partners in the value chain

## C12.1a

**(C12.1a) Provide details of your climate-related supplier engagement strategy.**

**Type of engagement**
Engagement & incentivization (changing supplier behavior)

**Details of engagement**
Other, please specify (ESG Audits & Capacity building training programmes)

**% of suppliers by number**
100

**% total procurement spend (direct and indirect)**
100

**% of supplier-related Scope 3 emissions as reported in C6.5**
0

**Rationale for the coverage of your engagement**
The company believes that behaviors and practices throughout the value chain should contribute to sustainability. Our company prefers to enter into long term commitments with those suppliers who fulfil their responsibility towards ESG. Initiatives are taken to improve awareness about legal compliances, to enhance eco-friendly efficiencies and packaging/logistics improvements at the suppliers end. Supplier and transporter meets are held on a periodical basis where the company engages and encourages them to undertake sustainable practices across supply chain. Company drives its distribution plan using an ERP (Enterprise Resource Planning) system to optimize freight cost. Our approach is to add value in such a manner that not only are our products affordable and accessible, but our practices are also sustainable and equitable. Along with spreading wellness through our products, we also work for the welfare of the neighborhood economy by sourcing local material and labor wherever possible. Local sourcing is preferred since it is an environmentally sustainable option as decrease in logistics significantly reduces the carbon footprint.

**Impact of engagement, including measures of success**
This has enhanced awareness about legal compliances, eco-friendly efficiencies ,ESG performance and encouraged thinking about implementation of packaging/logistics improvements at thesuppliers end

**Comment**

---

**Type of engagement**
Other, please specify (Complaince engagement and onboarding )

**Details of engagement**
Other, please specify (Climate integrated into supplier evaluation process)

**% of suppliers by number**
100

**% total procurement spend (direct and indirect)**
100

**% of supplier-related Scope 3 emissions as reported in C6.5**
0

**Rationale for the coverage of your engagement**
All Suppliers (small, medium and large) are periodically evaluated on the basis of the supply performance. We conduct monthly reviews for each supply chain function to address issues with suppliers. We have also entrusted vendor evaluation to 3rd party international agencies like Dun & Bradstreet. We have also tied up with Ecovadis to evaluate our key suppliers for their climate change performance as part of supplier sustainability assessments.

**Impact of engagement, including measures of success**
This has enhanced awareness about legal compliances, eco-friendly efficiencies , ESG performance and encouraged thinking about implementation of packaging/logistics improvements at the suppliers end

**Comment**

---

## C12.1b

**(C12.1b) Give details of your climate-related engagement strategy with your customers.**

**Type of engagement & Details of engagement**

| | |
|---|---|
| Education/information sharing | Share information about your products and relevant certification schemes (i.e. Energy STAR) |

**% of customers by number**
100

**% of customer - related Scope 3 emissions as reported in C6.5**
0

**Please explain the rationale for selecting this group of customers and scope of engagement**
All our major customers comprising more than half of total business are pharmaceutical MNC who are part of supplier sustainability coalitions like PSCI (Pharmaceutical supply chain initiative), TFS (together for sustainability) or have very comprehensive supplier sustainability programs which require their suppliers (the company) to disclose to third-party assessment platforms like CDP , Ecovadis and DJSI index etc.

**Impact of engagement, including measures of success**
Due to this engagement we have been disclosing to CDP since 2018. We have also subscribed to Ecovadis platform and DJSI index for enabling disclosure of our supplier sustainability metrics. We have also faced EHS audits as per PSCI framework by our customers to assess our supplier sustainability performance and we have also shared ESG information as part of the customer ESG audits

---

## C12.1d

**(C12.1d) Give details of your climate-related engagement strategy with other partners in the value chain.**

Climate Change impacts clients' needs and behaviors, as well as other stakeholders' expectations. Market scenario analysis by third party agencies shows how shifting consumer preference would increase in demand for low carbon products. As customers look to procure products that are low- or zero-carbon intensive, the company has the opportunity to pitch to those customers by showcasing the low energy intensive manufacturing employed to manufacture our products. We aim to capitalize on these advantages and thereby to manage our climate related risks and opportunities. Accordingly, this has also encouraged us to explore the possibilities of setting ambitious emission reduction targets and moving from low-carbon to zero-carbon over time. Our business strategies are increasingly becoming inclusive of objectives to explore cleaner production methods through Green chemistry, reusable packing and smart transportation. As global concerns over environmental sustainability grow, more and more patients will demand eco-friendly products and packaging. As a responsible company, we have taken the initiative to introduce reusable pens for insulin products in several markets, which helps reduce plastic waste and subsequently emissions as a result of resource optimization. In India, we introduced a reusable insulin pen after rigorous R&D to achieve the same. Additionally, shifting from air to sea freight, which is a comparatively less carbon intensive mode of transport, has helped reduce emissions associated with logistics. More than 80% of our supply chain logistics are through shipping .Sustainability figures and performance data, especially GHG emissions data are becoming more and more important and requested by external stakeholders as a mandatory disclosure. The company engages in active dialogue with relevant stakeholders, including investors, and reports transparently on its climate protection strategy and measures via regular standardized activities (e.g. Annual Report, ESG & BRSR Report, CDP response, EcoVadis, website, investor dialogues, DJSI Index disclosures & ESG questionnaires etc,

## C12.2

**(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?**

No, but we plan to introduce climate-related requirements within the next two years

## C12.3

**(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?**

**Row 1**

**Direct or indirect engagement that could influence policy, law, or regulation that may impact the climate**

Yes, we engage directly with policy makers

**Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?**

No, but we plan to have one in the next two years

**Attach commitment or position statement(s)**

<Not Applicable>

**Describe the process(es) your organization has in place to ensure that your engagement activities are consistent with your overall climate change strategy**

We have a Biocon foundation team which oversees all the external stakholder or policy maker engagements and its directly monitored by CSR & ESG commitee at board level

**Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate**

<Not Applicable>

**Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate**

<Not Applicable>

## C12.3a

**(C12.3a) On what policy, law, or regulation that may impact the climate has your organization been engaging directly with policy makers in the reporting year?**

**Focus of policy, law, or regulation that may impact the climate**
Other, please specify (Biodiversity)

**Specify the policy, law, or regulation on which your organization is engaging with policy makers**
We engage with government entities like Karnataka Lake conservation and development authority (KLCDA), Department of Minor Irrigation , Department of rural development and panchayat raj in issues related to climate change, biodiversity and water conservation

**Policy, law, or regulation geographic coverage**
Sub-national

**Country/region the policy, law, or regulation applies to**
India

**Your organization's position on the policy, law, or regulation**
Neutral

**Description of engagement with policy makers**

**Details of exceptions (if applicable) and your organization's proposed alternative approach to the policy, law or regulation**
<Not Applicable>

**Have you evaluated whether your organization's engagement is aligned with the goals of the Paris Agreement?**
Please select

---

**Focus of policy, law, or regulation that may impact the climate**
Renewable energy generation
Other, please specify

**Specify the policy, law, or regulation on which your organization is engaging with policy makers**
We have been engaging with World Wildlife Fund India (WWF India) as part of their ongoing Renewable Energy Demand Enhancement (REDE) Initiative for Corporate RE Buyers.

**Policy, law, or regulation geographic coverage**
National

**Country/region the policy, law, or regulation applies to**
India

**Your organization's position on the policy, law, or regulation**
Neutral

**Description of engagement with policy makers**
We have been engaging with World Wildlife Fund India (WWF India) as part of their ongoing Renewable Energy Demand Enhancement (REDE) Initiative for Corporate RE Buyers. We ensure engagement with WWF India under its REDE initiative. We participate in their surveys to ascertain the Renewable power demand with a special emphasis on policy and regulatory issues faced by C&I consumers in procuring Renewable Energy, in order to understand and present the corporate buyer's perspective. The collated responses are submitted to Ministry of New and Renewable Energy and other government stakeholders involved as recommendations and has helped to bring out reforms in the existing policies

**Details of exceptions (if applicable) and your organization's proposed alternative approach to the policy, law or regulation**
<Not Applicable>

**Have you evaluated whether your organization's engagement is aligned with the goals of the Paris Agreement?**
Please select

---

**Focus of policy, law, or regulation that may impact the climate**
Extended Producer Responsibility (EPR)

**Specify the policy, law, or regulation on which your organization is engaging with policy makers**
We have engaged for the panel discussion on the Plastic Waste Management rules -2022 , under Karnataka pollution control board ,to gain awareness and inputs for the Extended Producer Responsibility (EPR) for the plastic waste ,we also adopted and declared our plastic consumption under importer category in CPCB portal

**Policy, law, or regulation geographic coverage**
National

**Country/region the policy, law, or regulation applies to**
India

**Your organization's position on the policy, law, or regulation**
Please select

**Description of engagement with policy makers**

**Details of exceptions (if applicable) and your organization's proposed alternative approach to the policy, law or regulation**
<Not Applicable>

**Have you evaluated whether your organization's engagement is aligned with the goals of the Paris Agreement?**
Please select

---

## C12.4

**(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).**

**Publication**
In voluntary sustainability report

**Status**
Complete

**Attach the document**
Biocon_ESG_Report_2022.pdf

**Page/Section reference**
Page no 6-8 ,30-37&46-49 governance, Page No 10-18 strategy,Page no14&61 ,targets and metrics ,page no14,21,38&39 Risk and opportunities Page 58-64 & 73-76 on enviornment management ,Page no61,63&74-75 on GHG emissions ,Page no73 ,energy

**Content elements**
Governance
Strategy
Emissions figures
Emission targets
Other metrics
Other, please specify (Climate change initiatives & Enviornment management system)

**Comment**

---

**Publication**
In mainstream reports

**Status**
Complete

**Attach the document**
Biocon_Annual_Report_2022.pdf

**Page/Section reference**
Page no 88-90 ,100 &161-175 Governance ,Page 52-53,81-84,94,122&136,Strategy,Page no 120-122 Targets and metrics Page 158-160,Risk & opportunities ,page no 130,137&138 ,Enviornment management,Page 16&120 GHG emissions ,Page no 16,23&120 ,Energy

**Content elements**
Governance
Strategy
Risks & opportunities
Emissions figures
Emission targets
Other, please specify (Climate related intiatives )

**Comment**

---

**Publication**
Other, please specify (Internal report )

**Status**
Complete

**Attach the document**
TCFD Report - FY22 .pdf

**Page/Section reference**
Page no 3-6 ,governance ,page no 7-12 strategy,page5,8,12-17,targets and metrics,Page no 6,12-20,Risk&opportunites,Page 14 ,energy intiatives ,page no 5,15-17 ,GHG Emissions

**Content elements**
Governance
Strategy
Risks & opportunities
Emissions figures
Emission targets
Other metrics

**Comment**
We have prepared our TCFD aligned report for the year FY22, and yet to be published

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## C15. Biodiversity

## C15.1

### (C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?

| | Board-level oversight and/or executive management-level responsibility for biodiversity-related issues | Description of oversight and objectives relating to biodiversity | Scope of board-level oversight |
|---|---|---|---|
| Row 1 | Yes, both board-level oversight and executive management-level responsibility | The CSR&ESG Committee at board level is responsible for oversight of all CSR activities which includes actions on biodiversity from ,Programs to be supported via CSR will be selected<br>by the CSR committee through a transparent process and the selected programs will meet the regulatory requirements.<br>start to finish. It shall meet at least twice a year to ensure Biocon delivers on its CSR goals | <Not Applicable> |

## C15.2

### (C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?

| | Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity | Biodiversity-related public commitments | Initiatives endorsed |
|---|---|---|---|
| Row 1 | No, but we plan to do so within the next 2 years | <Not Applicable> | <Not Applicable> |

## C15.3

### (C15.3) Does your organization assess the impact of its value chain on biodiversity?

| | Does your organization assess the impact of its value chain on biodiversity? | Portfolio |
|---|---|---|
| Row 1 | No, but we plan to assess biodiversity-related impacts within the next two years | <Not Applicable> |

## C15.4

### (C15.4) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

| | Have you taken any actions in the reporting period to progress your biodiversity-related commitments? | Type of action taken to progress biodiversity- related commitments |
|---|---|---|
| Row 1 | Yes, we are taking actions to progress our biodiversity-related commitments | Land/water management<br>Species management<br>Education & awareness |

## C15.5

### (C15.5) 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 |
|---|---|---|
| Row 1 | Yes, we use indicators | Other, please specify (SDG aligned indicators ) |

## C15.6

### (C15.6) Have you published information about your organization's response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

| Report type | Content elements | Attach the document and indicate where in the document the relevant biodiversity information is located |
|---|---|---|
| In voluntary sustainability report or other voluntary communications | Other, please specify (ESG report ) | ESG report is attached under C12.4 |
| In voluntary sustainability report or other voluntary communications | Other, please specify (Annual report ) | Annual report is attached in C12.4 |

## C16. Signoff

## C-FI

**(C-FI) 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.**

## C16.1

**(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.**

| | Job title | Corresponding job category |
|---|---|---|
| Row 1 | Head EHSS | Environmental, health and safety manager |

# SC. Supply chain module

## SC0.0

**(SC0.0) If you would like to do so, please provide a separate introduction to this module.**

**Company Profile**

Biocon is Asia's premier biopharmaceutical company that is driven by the vision to make a difference to global healthcare through improved access to high quality, life-saving biotherapeutics by making them affordable for patients across the world.

We have evolved from manufacturing pharmaceuticals like statins and immunosuppresants, to discovering, developing and producing biologics in chronic therapies such as diabetes, oncology and immunology for global markets. This has translated into a diversified and differentiated pipeline of fermentation-derived complex generics, biosimilars that include insulins and monoclonal antibodies, and novel biologics.

Biocon's business is organized into the following reporting segments: a) Small Molecules API & Generic Formulations b) Biocon Biologics - Biosimilars (Insulins, MAbs & other Biologics) & Novel Biologics c) Branded Formulations (currently India & UAE) d) Research Services (Syngene)

Biocon is among the few companies globally to have received approvals for its biosimilars from developed countries like the U.S., EU, Australia and Japan. Our credibility as a serious player in the biosimilars sector was first established with the Japanese approval for Insulin Glargine. A combination of specialized talent, state-of-the-art research and manufacturing infrastructure and a culture of deep science and regulatory compliance have differentiated us in the marketplace and given us a distinct competitive edge. It has also led to Biocon being recognized as a credible global biopharmaceuticals player. The company's aspiration to become a US$1 billion company is fuelled by four powerful growth accelerators: Small Molecules, Biologics, Branded Formulations and Research Services, represented by its subsidiary Syngene. The Small Molecules vertical offers a strong portfolio of differentiated APIs across statins, immunosuppressants, specialty molecules as well as difficult-to-make, niche Generic Formulations. The Biologics vertical comprises novel biologics and biosimilars, including rh-insulin, insulin analogs, monoclonal antibodies and recombinant proteins. The Branded Formulations business includes the company's finished dosages business in India and overseas including UAE. Syngene is Asia's largest contract research and manufacturing organization.

At Biocon, we have concluded yet another meaningful year, breaking new ground, crossing new milestones and delivering high-quality biopharmaceuticals to millions worldwide.

**Subsidiary Information : Syngene International Limited**

Our listed subsidiary, Syngene International Limited, is India's largest Contract Research Organization (CRO). Syngene started as India's first CRO and has over the years built a reputation as an end-to-end drug discovery and development services provider for novel molecular entities to the global life sciences sector. We provide integrated discovery, development and manufacturing services for novel molecules across multiple platforms including small molecules, large molecules, Antibody-Drug Conjugates and Oligonucleotides. Our researchers work in multiple therapeutic areas to meet the needs of our bio-pharmaceuticals clients. We also serve the nutrition, animal health, consumer goods, and specialty chemicals sectors. Our ability to deliver world-class solutions is driven by our highly qualified team, including over 4,700 scientists, and supported by state-of-the-art infrastructure and market-leading technology.

**Sustainability Strategy**

At Biocon group, our journey to enhance access to affordable healthcare starts with being a committed and compassionate steward of the environment. We have implemented business practices that take our Environment, Occupational Health, Safety and Sustainability (EHSS) performance beyond compliance towards delivering a positive environmental, social and governance (ESG) impact for the people we serve. We are committed to improving our own environmental footprint, including the reduction of greenhouse gas (GHG) emissions that can lead to climate change. We engage our employees in all aspects of our approach to sustainability, from design and manufacturing to community outreach, and more.

## SC0.1

**(SC0.1) What is your company's annual revenue for the stated reporting period?**

| | Annual Revenue |
|---|---|
| Row 1 | 81840000000 |

## SC1.1

**(SC1.1) Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period.**

**Requesting member**
Bristol-Myers Squibb

**Scope of emissions**
Scope 2

**Allocation level**
Facility

**Allocation level detail**
We are currently in process of collating the available information for further analysis for this exercise

**Emissions in metric tonnes of CO2e**
500

**Uncertainty (±%)**
10

**Major sources of emissions**
Emissions from purchased electricity

**Verified**
No

**Allocation method**
Allocation based on area

**Market value or quantity of goods/services supplied to the requesting member**

**Unit for market value or quantity of goods/services supplied**
Please select

**Please explain how you have identified the GHG source, including major limitations to this process and assumptions made**
Electricity consumption is a major GHG source and we assumed the same for this facility which is joint venture between Syngene and BMS. In this case the amount of electricity used during manufacturing of particular product is to be measured to calculate the resulting emission and allocate it to the customer as per the volume of the material purchased by them.

## SC1.2

**(SC1.2) Where published information has been used in completing SC1.1, please provide a reference(s).**

There is no published information with regards to this,

## SC1.3

**(SC1.3) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?**

| Allocation challenges | Please explain what would help you overcome these challenges |
|---|---|
| Customer base is too large and diverse to accurately track emissions to the customer level | We have initiated Life-cycle analysis through Simapro application for all our finished goods and have completed the same for a set of finished goods. Once we have covered all finished goods, the emissions will be bifurcated as per the customer. |

## SC1.4

**(SC1.4) Do you plan to develop your capabilities to allocate emissions to your customers in the future?**
Yes

## SC1.4a

**(SC1.4a) Describe how you plan to develop your capabilities.**

We have initiated Life-cycle analysis through Simapro application for all our finished goods and have completed the same for a set of finished goods. Once we have covered all finished goods, the emissions will be bifurcated as per the customer.

## SC2.1

**(SC2.1) Please propose any mutually beneficial climate-related projects you could collaborate on with specific CDP Supply Chain members.**

**Requesting member**
Bristol-Myers Squibb

**Group type of project**
Relationship sustainability assessment

**Type of project**
Assessing products or services life cycle footprint to identify efficiencies

**Emissions targeted**
Actions that would reduce our own operational emissions (our scope 1 & 2)

**Estimated timeframe for carbon reductions to be realized**
1-3 years

**Estimated lifetime CO2e savings**
500

**Estimated payback**
Cost/saving neutral

**Details of proposal**
Since we have a joint venture in form of BBRC (Biocon Bristol Research Centre), there can be a sustainability assessment of the operations of the facility and as an outcome reduction opportunities in operational emissions can be explores. This can lead to reduction in carbon footprint of the building operations.

## SC2.2

**(SC2.2) Have requests or initiatives by CDP Supply Chain members prompted your organization to take organizational-level emissions reduction initiatives?**
Yes

## SC2.2a

**(SC2.2a) Specify the requesting member(s) that have driven organizational-level emissions reduction initiatives, and provide information on the initiatives.**

**Requesting member**
Bristol-Myers Squibb

**Initiative ID**
2018-ID7

**Group type of project**
Reduce Logistics Emissions

**Type of project**
Changing transportation mode (switch from air to rail)

**Description of the reduction initiative**
Shifting from air to sea freight, which is a comparatively less carbon intensive mode of transport, has helped reduce emissions associated with logistics. More than 70% of Biocon's supply chain logistics are through shipping.

**Emissions reduction for the reporting year in metric tons of CO2e**
1000

**Would you be happy for CDP supply chain members to highlight this work in their external communication?**
No

## SC4.1

**(SC4.1) Are you providing product level data for your organization's goods or services?**
No, I am not providing data

## Submit your response

**In which language are you submitting your response?**

English

**Please confirm how your response should be handled by CDP**

| | I understand that my response will be shared with all requesting stakeholders | Response permission |
|---|---|---|
| Please select your submission options | Yes | Public |

**Please confirm below**

I have read and accept the applicable Terms

# Biocon - Water Security 2022

## W0. Introduction

## W0.1

**(W0.1) Give a general description of and introduction to your organization.**

**Company Profile**

**Biocon Limited**, is an innovation-led global biopharmaceuticals company committed to enhance affordable access to complex therapies for chronic conditions like diabetes, cancer and autoimmune. It has developed and commercialized novel biologics, biosimilars, and complex small molecule APIs in India and several key global markets as well as Generic Formulations in the US and Europe. It also has a pipeline of promising novel assets in immunotherapy under development.

**Biocon Biologics Ltd.**, a subsidiary of Biocon Ltd., is a unique, fully integrated global biosimilars organization. It is leveraging cutting-edge science, innovative tech platforms and advanced research & development capabilities to lower costs of biologics therapies while improving healthcare outcomes. It has a strong research pipeline of biosimilar molecules across diabetes, oncology, immunology and other non-communicable diseases. Seven molecules from Biocon Biologics' portfolio have been commercialized in key emerging markets and developed markets like U.S., EU, Australia, Canada, Japan. It has many firsts to its credit including the most recent U.S. FDA approval of the world's first interchangeable biosimilar, awarded to its Insulin Glargine, which has been commercialized in the U.S. in 2021. With a team of ~5,000 people, Biocon Biologics is committed to transforming healthcare and transforming lives by enabling affordable access to millions of patients' worldwide.

**Subsidiary Information : Syngene International Limited**

Our listed subsidiary, Syngene International Limited, is India's largest Contract Research Organization (CRO). Syngene started as India's first CRO and has over the years built a reputation as an end-to-end drug discovery and development services provider for novel molecular entities to the global life sciences sector. We provide integrated discovery, development and manufacturing services for novel molecules across multiple platforms including small molecules, large molecules, Antibody-Drug Conjugates and Oligonucleotides. Our researchers work in multiple therapeutic areas to meet the needs of our bio-pharmaceuticals clients. We also serve the nutrition, animal health, consumer goods, and specialty chemicals sectors. Our ability to deliver world-class solutions is driven by our highly qualified team, including over 4,700 scientists, and supported by state-of-the-art infrastructure and market-leading technology.

**Sustainability Strategy**

Sustainability is integral to Biocon's business strategy as well as necessary for fostering long-term investment, financial stability, and business continuity. We have sharpened our focus on climate action to understand, assess, and manage climate-related risks. We have adopted circular economy principles to reduce water usage and improve the efficiency of resource utilization. Our target is to ultimately transform our operations and make them net water positive, or at the very least, water neutral.

**Important changes and inclusions**

In this year's disclosure we are including the data from 2 additional sites to enhance our coverage of our manufacturing operations in Water security disclosure.

- Syngene Hyderabad

- Syngene Mangalore

**The entities of the Biocon Group namely Biocon Limited, Biocon Biologics Limited and Syngene International limited will be hereafter be referred to as 'The company' in the course of the disclosure.**

## W0.2

**(W0.2) State the start and end date of the year for which you are reporting data.**

| | Start date | End date |
|---|---|---|
| Reporting year | April 1 2021 | March 31 2022 |

## W0.3

**(W0.3) Select the countries/areas in which you operate.**

India

Malaysia

## W0.4

**(W0.4) Select the currency used for all financial information disclosed throughout your response.**

INR

## W0.5

**(W0.5) Select the option that best describes the reporting boundary for companies, entities, or groups for which water impacts on your business are being reported.**

Companies, entities or groups over which financial control is exercised

## W0.6

**(W0.6) Within this boundary, are there any geographies, facilities, water aspects, or other exclusions from your disclosure?**

Yes

## W0.6a

**(W0.6a) Please report the exclusions.**

| Exclusion | Please explain |
|---|---|
| We are excluding below site categories from scope of reporting<br>1. Office only sites (non-industrial)<br>2. R&D only sites<br>3. Greenfield project sites (under commissioning) | We are only considering the manufacturing sites which are in full fledged commercial operation. |

## W0.7

**(W0.7) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?**

| Indicate whether you are able to provide a unique identifier for your organization. | Provide your unique identifier |
|---|---|
| Yes, an ISIN code | INE376G01013 |

# W1. Current state

## W1.1

**(W1.1) Rate the importance (current and future) of water quality and water quantity to the success of your business.**

| | Direct use importance rating | Indirect use importance rating | Please explain |
|---|---|---|---|
| Sufficient amounts of good quality freshwater available for use | Vital | Vital | Many of our products rely on freshwater as product or process input, with stringent quality parameters. With impure water, product quality is severely affected/efforts for water pre-treatment rise. In reporting period, 100% of water withdrawal was from municipal water supply sources. Hence, freshwater availability is considered vital for operations. |
| Sufficient amounts of recycled, brackish and/or produced water available for use | Important | Important | Pharmaceutical manufacturing is a resource intensive industry, as drug production requires large amounts of water and power. The manufacturing processes leads to sizable effluent discharge and subsequently treated effluent. So since our facilities are Zero Liquid Discharge (ZLD) we have been reusing 100% of our treated effluent for our utilities and our operations are aligned to this setup . In this regard treated water availability is also considered vital for operations. Note: 2 facilities in India (Biocon Visakhapatnam & Syngene Hyderabad) and Malaysia facility send their waste water to Common Effluent Treatment plant(CETP) after the pretreatment inside the facility. |

## W1.2

### (W1.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

| | % of sites/facilities/operations | Please explain |
|---|---|---|
| Water withdrawals – total volumes | 100% | Water withdrawal is key indicator under our environmental management system , facilities environment team would monitor with flow meter and monthly water accounting in monthly review |
| Water withdrawals – volumes by source | 100% | Water withdrawal is key indicator under our environmental management system , facilities environment team would monitor with flow meter and monthly water accounting in monthly review |
| Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sector] | <Not Applicable> | <Not Applicable> |
| Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector] | <Not Applicable> | <Not Applicable> |
| Water withdrawals quality | 100% | All the water quality will be monitored by operations team as per the cGMP procedures |
| Water discharges – total volumes | 100% | Three of our facilities( Syngene Hyderabad , Biocon Vizag & Biocon Malaysia) send their waste water to CETP and its being monitored through flow meters from our facility as well as receiving facility. |
| Water discharges – volumes by destination | 100% | Three of our facilities( Syngene Hyderabad , Biocon Vizag & Biocon Malaysia) send their waste water to CETP and its being monitored through flow meters from our facility as well as receiving facility. |
| Water discharges – volumes by treatment method | 100% | Waste water treated in onsite waste water treatment facility is being monitored for all the necessary parameters as per internal & regulatory standards |
| Water discharge quality – by standard effluent parameters | 100% | The same is regularly monitored by our Environment operations team. |
| Water discharge quality – temperature | 100% | Our onsite waste water treatment facilities are equipped with all the relevant sensors to monitor the temperatures of the treated water |
| Water consumption – total volume | 100% | All the water consumption data is monitored by operations team and it is reviewed on monthly basis as important enviornment KPI |
| Water recycled/reused | 100% | All the recycled water consumption data is monitored by operations team and it is reviewed on monthly basis as important KPI |
| The provision of fully-functioning, safely managed WASH services to all workers | 100% | All the employees are provided with good quality of drinking water as per cGMP standards and we track all the sewage water and its treated inside the facility |

## W1.2b

### (W1.2b) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, and how do these volumes compare to the previous reporting year?

| | Volume (megaliters/year) | Comparison with previous reporting year | Please explain |
|---|---|---|---|
| Total withdrawals | 1782 | Higher | We have deployed best-in-class water management practices and technology to treat appropriately and reuse wastewater within our operations and facilities. Besides recycling, efforts to optimize fresh water consumption at our manufacturing facilities, rainwater harvesting systems, reusing reject from clean utilities (Pure Steam Generation (PSG) & Water for Injection (WFI) as a source water and implementing catchment-based interventions to promote aquifer recharge in the communities around 0ur operations are also helping to conserve water. Due to commissioning our new zero Liquid Discharge (ZLD) Effluent treatment plant , we were able to achieve savings of 6,80,000 liters of fresh water every day which is more than 14.26% of our overall water withdrawal. In spite of all these implementation due to inclusion of Syngene Hyderabad & Syngene Mangalore have resulted in increase in fresh water consumption |
| Total discharges | 565 | Lower | All our facilities are Zero Liquid Discharge (ZLD) except Malaysia ,Syngene Hyderabad Vishakhapatnam locations. Syngene Hyderabad & Biocon Vishakhapatnam locations we are sending to Common Effluent Treatment Plant (CETP) |
| Total consumption | 1782 | Higher | Implemented new technologies to reuse water efficiently and also conducted various assessments to use the water from PSG & WFI reject to source water to reduce fresh consumption.as we have included Syngene Mangalore & Syngene Hyderabad under the scope for this reporting year hence water consumption is high compared to FY21 |

## W1.2d

### (W1.2d) Indicate whether water is withdrawn from areas with water stress and provide the proportion.

| | Withdrawals are from areas with water stress | % withdrawn from areas with water stress | Comparison with previous reporting year | Identification tool | Please explain |
|---|---|---|---|---|---|
| Row 1 | No | <Not Applicable> | <Not Applicable> | WRI Aqueduct | We used the WRI aqueduct tool to classify the locations of our facilities as water-stressed or not. |

## W1.2h

### (W1.2h) Provide total water withdrawal data by source.

| | Relevance | Volume (megaliters/year) | Comparison with previous reporting year | Please explain |
|---|---|---|---|---|
| Fresh surface water, including rainwater, water from wetlands, rivers, and lakes | Not relevant | <Not Applicable> | <Not Applicable> | We do not have any direct withdrawal of Fresh surface water, including rainwater, water from wetlands, rivers, and lakes at any of our facilities. |
| Brackish surface water/Seawater | Not relevant | <Not Applicable> | <Not Applicable> | We do not have any direct withdrawal of Fresh surface water, including rainwater, water from wetlands, rivers, and lakes at any of our facilities. |
| Groundwater – renewable | Not relevant | <Not Applicable> | <Not Applicable> | We do not have any direct withdrawal of Fresh surface water, including rainwater, water from wetlands, rivers, and lakes at any of our facilities. |
| Groundwater – non-renewable | Not relevant | <Not Applicable> | <Not Applicable> | We do not have any direct withdrawal of Fresh surface water, including rainwater, water from wetlands, rivers, and lakes at any of our facilities. |
| Produced/Entrained water | Not relevant | <Not Applicable> | <Not Applicable> | We do not have any direct withdrawal of Fresh surface water, including rainwater, water from wetlands, rivers, and lakes at any of our facilities. |
| Third party sources | Relevant | 1782 | Higher | Implemented new technologies to reuse water efficiently and also conducted various assessments to use the water from PSG & WFI reject to source water to reduce fresh consumption.as we have included Syngene Mangalore & Syngene Hyderabad under the scope for this reporting year hence water consumption is high compared to FY21 |

## W1.2i

### (W1.2i) Provide total water discharge data by destination.

| | Relevance | Volume (megaliters/year) | Comparison with previous reporting year | Please explain |
|---|---|---|---|---|
| Fresh surface water | Not relevant | <Not Applicable> | <Not Applicable> | We do not have any direct discharge of treated effluent to surface water at any of our facilities. |
| Brackish surface water/seawater | Not relevant | <Not Applicable> | <Not Applicable> | We do not have any direct discharge of treated effluent to surface water at any of our facilities. |
| Groundwater | Not relevant | <Not Applicable> | <Not Applicable> | We do not have any direct discharge of treated effluent to surface water at any of our facilities. |
| Third-party destinations | Relevant | 565 | Lower | All our facilities are zero liquid discharge (ZLD) except Malaysia ,Syngene Hyderabad Vishakhapatnam locations. Effluent in these facilities discharge to third-party destination after primary treatment. |

## W1.2j

### (W1.2j) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

| | Relevance of treatment level to discharge | Volume (megaliters/year) | Comparison of treated volume with previous reporting year | % of your sites/facilities/operations this volume applies to | Please explain |
|---|---|---|---|---|---|
| Tertiary treatment | Relevant | 560 | Lower | 100% | Waste water treated in RO plants to reuse permeate water for inhouse utilities, and the reject is used for cooling tower make up water through Scaleban technology instead of further treatment in MEE. |
| Secondary treatment | Relevant | 560 | Lower | 100% | Biological treatment with Membrane Bioreactor |
| Primary treatment only | Relevant | 560 | Lower | 100% | Biological treatment |
| Discharge to the natural environment without treatment | Not relevant | <Not Applicable> | <Not Applicable> | <Not Applicable> | |
| Discharge to a third party without treatment | Not relevant | <Not Applicable> | <Not Applicable> | <Not Applicable> | |
| Other | Not relevant | <Not Applicable> | <Not Applicable> | <Not Applicable> | |

## W1.3

### (W1.3) Provide a figure for your organization's total water withdrawal efficiency.

| | Revenue | Total water withdrawal volume (megaliters) | Total water withdrawal efficiency | Anticipated forward trend |
|---|---|---|---|---|
| Row 1 | 83967000000 | 1782 | 47119528.6195286 | Due to implementation of new technologies trend would be coming down on upcoming reporting years |

## W1.4

### (W1.4) Do you engage with your value chain on water-related issues?

Yes, our suppliers

## W1.4a

**(W1.4a) What proportion of suppliers do you request to report on their water use, risks and/or management information and what proportion of your procurement spend does this represent?**

**Row 1**

**% of suppliers by number**
51-75

**% of total procurement spend**
51-75

**Rationale for this coverage**
As biopharmaceutical industry we relay on our suppliers for the raw materials ,we have categorized them critical and non critical suppliers we do assess all the suppliers for their environmental performance , important aspect for engaging suppliers water management & other environmental initiatives are due to importance of our business continuity & our suppliers falls under water intense industries.

**Impact of the engagement and measures of success**
To maintain our supply chain intact , we conduct regular supplier audits and gather water related data and initiatives through questionnaires ,based upon questionnaire assessment if the suppliers are falls under any water stressed regions or other criticalities , we provide capacity building training programs on new technologies for water management and best practices for the water savings. and we also engage external parties like Dun & Bradsheet for the supplier analysis which includes water management as well. Based on all the collaboration made with suppliers have their awareness on the water management ,further we do set our targets for the supplier coverage for the evaluation ,we plan assess all the critical suppliers by end of the 2023 ,and we have established system and team in place for the refresher audits and audit follow-up .

**Comment**
We strive for a high level of conformance towards environmental compliance for our critical vendors.
By evaluating various business and quality performance. We are in the process of designing a vendor portal to increase transparency and evaluate vendor performance in terms of environmental performance and other criteria's as well.

## W1.4b

**(W1.4b) Provide details of any other water-related supplier engagement activity.**

**Type of engagement**
Onboarding & compliance

**Details of engagement**
Requirement to adhere to our code of conduct regarding water stewardship and management

**% of suppliers by number**
26-50

**% of total procurement spend**
26-50

**Rationale for the coverage of your engagement**
Considering the importance of raw material supply we have classified our supply chain into tier 1&2 suppliers based on the criticality of the material supply ,and we have considered our tier 1 suppliers for coverage for the engagement

**Impact of the engagement and measures of success**
As we engage with suppliers through ESG audits and various capacity building programs , this has increased awareness on water related from the suppliers end , and we have seen most of our suppliers include water related targets in their environmental management KPIs and they are open for the any new technologies that would be suggested by us.

**Comment**
The Supplier Code of Conduct (SCoC) outlines our expectations and guidelines with respect to responsible sourcing and calls for third parties, vendors, and suppliers to commit to fair treatment and professional and ethical behavior along with safe, sustainable business practices.

# W2. Business impacts

## W2.1

**(W2.1) Has your organization experienced any detrimental water-related impacts?**
No

## W2.2

**(W2.2) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?**
No

## W3. Procedures

### W3.3

**(W3.3) Does your organization undertake a water-related risk assessment?**
Yes, water-related risks are assessed

### W3.3a

**(W3.3a) Select the options that best describe your procedures for identifying and assessing water-related risks.**

**Value chain stage**
Direct operations

**Coverage**
Full

**Risk assessment procedure**
Water risks are assessed as part of an established enterprise risk management framework

**Frequency of assessment**
More than once a year

**How far into the future are risks considered?**
1 to 3 years

**Type of tools and methods used**
Tools on the market
Enterprise risk management
International methodologies and standards
Databases

**Tools and methods used**
WRI Aqueduct
Enterprise Risk Management
IPCC Climate Change Projections

**Contextual issues considered**
Water availability at a basin/catchment level
Water quality at a basin/catchment level
Water regulatory frameworks
Other, please specify (Water supply,Waste water management )

**Stakeholders considered**
Employees
Local communities
Regulators
Suppliers
Water utilities at a local level

**Comment**
We use WRI Aqueduct tool to conduct water risk assessment and scenario analysis water to identify the water risks across our operations and local supply chain vendors , we do assess the various water parameters such as ,water stress , upstream storage ,flood ,drought, water demand ,unimproved/no drinking water, water supply ,reputation ,waste water management ®ulatory & total water use for our direct operations ,based on risk criteria by our ERM process all our sites are falls under low risk category ,we have all the mitigation measures in place to address the water related risk in our direct operations.
We have used 3 scenarios i.e. Optimistic scenario (RCP2.6) , Current scenario (RCP4.5) and pessimistic scenario (RCP 8.5) to assess the future risks for direct operations and supply chain.

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**Value chain stage**
Supply chain

**Coverage**
Partial

**Risk assessment procedure**
Water risks are assessed as part of an established enterprise risk management framework

**Frequency of assessment**
More than once a year

**How far into the future are risks considered?**
3 to 6 years

**Type of tools and methods used**
Enterprise risk management
International methodologies and standards

**Tools and methods used**
Enterprise Risk Management

IPCC Climate Change Projections

**Contextual issues considered**
Water availability at a basin/catchment level
Water quality at a basin/catchment level
Water regulatory frameworks
Status of ecosystems and habitats

**Stakeholders considered**
Suppliers

**Comment**
We have only considered our local vendors for the water risk assessment
We use WRI Aqueduct tool to conduct water risk assessment and scenario analysis water to identify the water risks across our operations and local supply chain vendors , we do assess the various water parameters such as ,water stress , upstream storage ,flood ,drought, water demand ,unimproved/no drinking water, water supply ,reputation ,waste water management ®ulatory & total water use for our direct operations ,based on risk criteria by our ERM process all our sites are falls under low risk category ,we have all the mitigation measures in place to address the water related risk in our direct operations.
We have used 3 scenarios i.e. Optimistic scenario (RCP2.6) , Current scenario (RCP4.5) and pessimistic scenario (RCP 8.5) to assess the future risks for direct operations and supply chain

## W3.3b

**(W3.3b) Describe your organization's process for identifying, assessing, and responding to water-related risks within your direct operations and other stages of your value chain.**

As an innovation-led global biopharmaceuticals, the company is expected to act proactively on the challenges of water availability for our direct operations and then value chain beyond.

Identification: The scope of the risk management process includes, but is not limited to, the following: upcoming environment related regulations in the countries where we operate and sell products, customer behavior changes and expectations, reputational risks for not taking sustainability action. Risks and opportunities are assessed at a company level, regional level and at an asset level, such as how environment regulation and the costs of compliance could impact product design, operations, and sales to specific regions or countries. Additionally, with facilities across the globe, environment risks and opportunities are assessed in terms of where our facilities are located and how our global operations could be impacted by severe weather.

Assessment: All risks and opportunities are evaluated based on (a) their potential financial implications for the company and (b) their probability of occurrence, with the results of the assessment highlighting those risks and opportunities which can have a substantial impact.

Responding: Sustainability-related risks and opportunities are usually managed by the local, regional, and corporate business and functional units responsible for identifying and assessing them. These units take the first decision to mitigate, transfer, accept or control sustainability-related risks, to capitalize on opportunities, and to prioritize risks in line with the policies and requirements laid out at the corporate level.

Case studies

Physical risk:

Situation: Water availability at our sites may be affected by climate change, potentially endangering continuity of operations.

Task: in order to assess the extent of the risk, a precise analysis of water availability was required

Action: EHSS team was asked to assess the risk and define countermeasures like additional storage capacities and ensuring alternate modes of ensuring water supply

Result : Now the company has a consolidated view of the risk with adequate countermeasures

# W4. Risks and opportunities

## W4.1

**(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?**
Yes, both in direct operations and the rest of our value chain

## W4.1a

### (W4.1a) How does your organization define substantive financial or strategic impact on your business?

The Company has put in place an enterprise wide Risk Management Framework with the objective of timely identification of risks, assessment and evaluation of such risks in line with the overall business objectives or strategies and define adequate mitigation strategy. On a quarterly basis, the Risk Management Committee reviews critical risks on a rotation basis in line with the risk management plan to measure effectiveness of mitigation actions defined against critical risks and its impact on overall risk exposure of the Company. All the critical risk areas are covered at least once a year. All critical risk areas as identified by the Company are re-evaluated annually. During the course of year, appropriate changes were made to the risk register, considering internal or external changes.

A key factor for a company to create sustainable value is the risks it is willing to take (at strategic and operational levels) and its ability to manage them effectively. Therefore, the ability to identify and manage risks promptly is a critical aspect of Corporate Governance for a company.

**Definition of substantive impact:**

A substantive financial or strategy impact on our business would entail a material impact on product development, manufacturing, or delivery. We understand risk to be any event that can negatively impact the achievement of our short-term operational or long-term strategic goals. We define opportunities as potential successes that exceed our defined goals.

**Description of the quantifiable indicators used to define substantive impact:**

a) Potential financial implications for the Company: Depending on the nature of the risk or opportunity, different methods for quantification are considered. In case of a clear understanding about the direction of change driven by the risk/opportunity, the effects will be quantified based on expert assessments about the potential level of change and cause-effect-relationships. If the direction of change is unclear, i.e. the effect can be positive or negative and thus represents a volatility/uncertainty, a case-specific probability distribution over the impact range is estimated.

(b) Probability of occurrence: Financial impacts will only be considered where a risk or opportunity has a high probability of occurrence or the potential to threaten Company's license to operate. The method for estimation of probability depends on the nature of the risk or opportunity. In case that statistical data about the occurrence of the risk/opportunity are available (e.g. knowledge about return periods of weather events), such information will be the basis for calculation of likelihoods. If no such statistical relationship can be relied on (e.g. when assessing the probability of implementation of certain policy measures), likelihood will be subject to expert estimates. We classify probabilities as follows in terms of likelihood: low = less than 30%, medium = 30-70%, high = more than 70%.

## W4.1b

### (W4.1b) What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?

| | Total number of facilities exposed to water risk | % company-wide facilities this represents | Comment |
|---|---|---|---|
| Row 1 | 7 | 100 | We have considered facilities exposed to water risks. This represents close to 100% of our business coverage. |

## W4.1c

**(W4.1c) By river basin, what is the number and proportion of facilities exposed to water risks that could have a substantive financial or strategic impact on your business, and what is the potential business impact associated with those facilities?**

**Country/Area & River basin**

| | |
|---|---|
| India | Cauvery River |

**Number of facilities exposed to water risk**
2

**% company-wide facilities this represents**
51-75

**Production value for the metals & mining activities associated with these facilities**
<Not Applicable>

**% company's annual electricity generation that could be affected by these facilities**
<Not Applicable>

**% company's global oil & gas production volume that could be affected by these facilities**
<Not Applicable>

**% company's total global revenue that could be affected**
81-90

**Comment**
We have considered facilities in India an those facilities at Bengaluru may have exposed to water risks as per the WRI aqueduct tool analysis and this two facilities represents close to 80% of our business coverage , hence any water risk could have substantive financial/strategic impact.

## W4.2

**(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.**

### Country/Area & River basin

| | |
|---|---|
| India | Cauvery River |

### Type of risk & Primary risk driver

| | |
|---|---|
| Acute physical | Other, please specify (Increased water stress) |

### Primary potential impact
Reduction or disruption in production capacity

### Company-specific description
As we conducted scenario analysis using WRI Aqueduct data for the water stress, the results were there is high risk is predicted for the water availability ,hence this water stress might have impact on our operations due to company's physical locations this scenario has a potential to impact business operations .Extreme climate change induced weather event flood and drought can disrupt operations which has a direct impact on revenues and also result in increased capital expenditures to renovate plant or equipment.

### Timeframe
4-6 years

### Magnitude of potential impact
Medium-high

### Likelihood
Likely

### Are you able to provide a potential financial impact figure?
Yes, an estimated range

### Potential financial impact figure (currency)
<Not Applicable>

### Potential financial impact figure - minimum (currency)
230050000

### Potential financial impact figure - maximum (currency)
1150200000

### Explanation of financial impact
The estimated financial impact assumes a minimum 1 day and max 5 days unplanned shutdown of our key facilities due to extremes weather event such as flooding. We have taken our approx. yearly revenues of 8396 cr INR for assuming the daily shutdown impact of our key facilities.

Note: There has been no such instances of water scarcity in our facility locations in last 10 years. What we have mentioned here is assumption based on potential impact to our operations.

### Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

### Description of response
The company is looking towards investing in risk management that may include various weather instruments to help monitor change over time at each site, in order to minimize disruption and damage to services and operation sites from sudden weather events and changes in temperature. Investments in new technology and improvements to existing infrastructure, and incorporating such considerations into plans for future facilities will be planned going forward. Currently we are creating manufacturing facilities across different geographies to ensure geographic distribution to provide resilience to the business as a whole, regardless of site specific consequences. For example, all business locations in a particular region may be shut down due to severe cyclone damage, so the company as a whole expects other business locations to absorb the loss in place of investments in climate change adaptation measures.
Case studies
Physical risk:
Situation: Reject water from the purified water plant consists of Water for Injection(WRI) & Pressure Steam Generation System was treated in biological treatment process followed by RO plant and used for the utility operations .
Task: in order to assess the extent of the risk, a precise analysis of water availability was carried out t and identified utilization of reject water directly into source water.
Action: EHSS team was asked to assess possibilities to the reject water directly into source water
Result : Now the company has done all the analysis of the reject water completed internal cGMP requirement & other necessary approvals to add the reject water into the source water(the source water will have to go through multiple RO systems to meet the internal quality parameters) ,which has reduced the freshwater footprint around 91.25(Megaliters/year).

### Cost of response

### Explanation of cost of response
The cost of response figure represents the immediate measures to enhance the resilience of sites to mitigate possible impacts due to extreme weather in line with business continuity plans and additional costs envisaged due to geographic distribution of operations.

## W4.2a

**(W4.2a) Provide details of risks identified within your value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.**

**Country/Area & River basin**

| | |
|---|---|
| India | Cauvery River |

**Stage of value chain**
Supply chain

**Type of risk & Primary risk driver**

| | |
|---|---|
| Acute physical | Drought |

**Primary potential impact**
Supply chain disruption

**Company-specific description**
As we conducted scenario analysis using WRI Aqueduct data for the water stress, the results were shown there is potential high risk is predicted for the water availability ,hence this water stress might have impact on supply chain available on specific locations ,due to suppliers physical locations this scenario has a potential to impact business operations.

**Timeframe**
4-6 years

**Magnitude of potential impact**
Medium-low

**Likelihood**
More likely than not

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure - minimum (currency)**
1150

**Potential financial impact figure - maximum (currency)**
2300

**Explanation of financial impact**
The estimated financial impact assumes a minimum 5 days and max 10 days unplanned shutdown of our key facilities due to local supply chain disruption. We have taken our approx. yearly revenues of 8396 cr INR for assuming the daily shutdown impact of our key facilities.
Note: We have only considered local supply chain vendors to assess the substantive financial impact to our business operations. Evaluation is under progress to assess the vendors outside of India.

**Primary response to risk**

| | |
|---|---|
| Supplier engagement | Other, please specify (Through supplier ESG assessments and capacity buildings) |

**Description of response**
In FY 22, we have developed a Supplier-Centric Code of Conduct that outlines our core values and expectations from our business partners and suppliers. The 'Supplier Code of Conduct' covers suppliers, service providers, customers, distributors, wholesalers, resellers, and other business partners and forms the foundation to build a strong culture of collaboration and a strong sense of purpose. The SCoC outlines our partners' expectations regarding business ethics, human rights, business practices, employee relations, health and safety and other topics related to sustainable and responsible business practices. It encourages our business partners to go beyond legal compliance, drawing upon internationally recognized standards. Biocon engages with an extensive network of suppliers worldwide to ensure supply chain resilience. Supply chain teams collaborate with stakeholders within and outside the organization to anticipate and respond to complex and interconnected risks that threaten the continuity of business operations.
Moreover, we are working towards ensuring ESG is integrated within supplier and vendor practices, and in this regard, we have developed and designed a detailed ESG training and development program. In FY22, we rolled out the program for our key value chain partners to guide them on applicable laws, regulations, policies, and procedures, as well as the behavioral and ethical standards we expect from them.

Case studies
Physical risk:
Situation: Most of supply chain vendors were from outside of the India .
Task: in order to assess the extent of the risk, a precise analysis was carried out to identify vendors within India
Action: EHSS team was asked to assess possibilities to add more local vendors
Result : Now the company have identified and implemented 50% of total sourcing from local vendors which reduced the freight and other travelling GHG emissions.

**Cost of response**

**Explanation of cost of response**
Evaluation under progress to assess the cost of response.

## W4.3

**(W4.3) Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?**
Yes, we have identified opportunities, and some/all are being realized

## W4.3a

**(W4.3a) Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.**

**Type of opportunity**
Efficiency

**Primary water-related opportunity**
Improved water efficiency in operations

**Company-specific description & strategy to realize opportunity**
As an innovation-led global biopharmaceuticals , the company is expected to act proactively on the challenges of climate change and water scarcity ,we have conducted both Internal & External water audit to identify the water related opportunities through improving efficiency in water operations.

**Estimated timeframe for realization**
Current - up to 1 year

**Magnitude of potential financial impact**
Low-medium

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
237

**Potential financial impact figure – maximum (currency)**
34638

**Explanation of financial impact**
In reporting year, based on the water audit we have performed saved about 94.9 Mega liters of water by utilizing reject water from the purified water plant to the source water (Source water will go through multiple RO process for use) after fulfilling all the cGMP requirements which led to savings of 34638 million INR.

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**Type of opportunity**
Resilience

**Primary water-related opportunity**
Increased resilience to impacts of climate change

**Company-specific description & strategy to realize opportunity**
As part of the improvement program, we have conducted feasibility analysis study to identify new technologies to include in our waste water treatment operations to bring more efficiencies in water management.

**Estimated timeframe for realization**
1 to 3 years

**Magnitude of potential financial impact**
Low-medium

**Are you able to provide a potential financial impact figure?**
No, we do not have this figure

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
<Not Applicable>

**Potential financial impact figure – maximum (currency)**
<Not Applicable>

**Explanation of financial impact**
We have identified technology where we can use our high TDS effluent which can be feed into our chillers and cooling towers ,which substantive impact overall water management and operational cost evaluation under progress to identify the potential financial impact

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**Type of opportunity**
Resilience

**Primary water-related opportunity**
Increased resilience to impacts of climate change

**Company-specific description & strategy to realize opportunity**
In reporting year, USD 800 million (6,382 cr. approx.) was raised from global marquee equity investors a majority of them signatories of responsible investment principles like PRI. The capital raised is being deployed primarily to fund the ongoing expansion and qualification of our manufacturing facilities and to support our R&D programs and also acquisitions . In case of a major reputational loss, these investors may not have invested in the company or have reduced their investment leading to a reduced market valuation. The selected range is indicative of this high impact, which cannot be quantified more exactly though, since any estimation of financial effects due to a change in reputation is subject to extreme uncertainty.

**Estimated timeframe for realization**
4 to 6 years

**Magnitude of potential financial impact**
Low-medium

**Are you able to provide a potential financial impact figure?**
Yes, an estimated range

**Potential financial impact figure (currency)**
<Not Applicable>

**Potential financial impact figure – minimum (currency)**
500000000

**Potential financial impact figure – maximum (currency)**
500000000

**Explanation of financial impact**
The company engages in active dialogue with relevant stakeholders, including investors, and reports transparently on its climate protection strategy and measures via regular standardized activities (e.g. Annual Report, ESG Report, CSR report ,DJSI index, CDP response, website, investor dialogues, ESG questionnaires etc.

Case study:
Situation: Sustainability figures and performance data, especially GHG emissions data are becoming more and more important and requested by external stakeholders as a mandatory disclosure
Task: In order to publicly report our sustainability and ESG performance data to our stakeholders in a consolidated manner, a mechanism was required
Action: Leadership team came up with the decision to come up with consolidated ESG performance report and engaged cross functional team to drive the creation of the report which include performance data across ESG indicators which included climate change related performance as well.
Result : Now the company has a consolidated view of it ESG and climate change performance and is able to effectively share requested information to any stakeholder request.

## W5. Facility-level water accounting

### W5.1

**(W5.1) For each facility referenced in W4.1c, provide coordinates, water accounting data, and a comparison with the previous reporting year.**

**Facility reference number**
Facility 1

**Facility name (optional)**
Biocon Limited and Biocon Biologics India Limited, 20th KM, Bengaluru (Site 1)

**Country/Area & River basin**

| | |
|---|---|
| India | Cauvery River |

**Latitude**
12.831445

**Longitude**
77.679417

**Located in area with water stress**
No

**Primary power generation source for your electricity generation at this facility**
<Not Applicable>

**Oil & gas sector business division**
<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**
240.5

**Comparison of total withdrawals with previous reporting year**
Lower

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**
0

**Withdrawals from brackish surface water/seawater**
0

**Withdrawals from groundwater - renewable**
0

**Withdrawals from groundwater - non-renewable**
0

**Withdrawals from produced/entrained water**
0

**Withdrawals from third party sources**
240.5

**Total water discharges at this facility (megaliters/year)**
0

**Comparison of total discharges with previous reporting year**
Lower

**Discharges to fresh surface water**
0

**Discharges to brackish surface water/seawater**
0

**Discharges to groundwater**
0

**Discharges to third party destinations**
0

**Total water consumption at this facility (megaliters/year)**
240.5

**Comparison of total consumption with previous reporting year**
Lower

**Please explain**
The site gets water supply from municipal sources and it is a zero liquid discharge (ZLD) facility meaning all treated wastewater is completely reused inside facility for utilities.

---

**Facility reference number**
Facility 2

**Facility name (optional)**
Biocon Limited, Biocon Biologics India Limited and Syngene International Limited - BSEZ, Bengaluru (Site 2)

**Country/Area & River basin**

| | |
|---|---|
| India | Cauvery River |

**Latitude**
12.804027

**Longitude**
77.661651

**Located in area with water stress**
Yes

**Primary power generation source for your electricity generation at this facility**
<Not Applicable>

**Oil & gas sector business division**
<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**
709.6

**Comparison of total withdrawals with previous reporting year**
Higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**
0

**Withdrawals from brackish surface water/seawater**
0

**Withdrawals from groundwater - renewable**
0

**Withdrawals from groundwater - non-renewable**
0

**Withdrawals from produced/entrained water**
0

**Withdrawals from third party sources**
709.6

**Total water discharges at this facility (megaliters/year)**
0

**Comparison of total discharges with previous reporting year**
Higher

**Discharges to fresh surface water**
0

**Discharges to brackish surface water/seawater**
0

**Discharges to groundwater**
0

**Discharges to third party destinations**
0

**Total water consumption at this facility (megaliters/year)**
706.9

**Comparison of total consumption with previous reporting year**
Higher

**Please explain**
Since the facility have undergone few additional production units ,water consumption have gone up

---

**Facility reference number**
Facility 3

**Facility name (optional)**
Biocon Limited - Pashamylaram,Hyderabad.

**Country/Area & River basin**

| | |
|---|---|
| India | Godavari |

**Latitude**
17.385

**Longitude**
78.4867

**Located in area with water stress**
No

**Primary power generation source for your electricity generation at this facility**
<Not Applicable>

**Oil & gas sector business division**
<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**
55.7

**Comparison of total withdrawals with previous reporting year**
About the same

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**
0

**Withdrawals from brackish surface water/seawater**
0

**Withdrawals from groundwater - renewable**
0

**Withdrawals from groundwater - non-renewable**
0

**Withdrawals from produced/entrained water**
0

**Withdrawals from third party sources**
55.7

**Total water discharges at this facility (megaliters/year)**
0

**Comparison of total discharges with previous reporting year**
About the same

**Discharges to fresh surface water**
0

**Discharges to brackish surface water/seawater**
0

**Discharges to groundwater**
0

**Discharges to third party destinations**
0

**Total water consumption at this facility (megaliters/year)**
55.7

**Comparison of total consumption with previous reporting year**
About the same

**Please explain**
The site gets water supply from municipal sources and it is a zero liquid discharge (ZLD) facility meaning all treated wastewater is completely reused inside facility for

utilities.

**Facility reference number**
Facility 4

**Facility name (optional)**
Biocon Limited ,Visakhapatnam,Andhrapradesh.

**Country/Area & River basin**

| | |
|---|---|
| India | Other, please specify (Third party sources-Ramky Group) |

**Latitude**
17.686815

**Longitude**
83.218483

**Located in area with water stress**
No

**Primary power generation source for your electricity generation at this facility**
<Not Applicable>

**Oil & gas sector business division**
<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**
32.1

**Comparison of total withdrawals with previous reporting year**
About the same

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**
0

**Withdrawals from brackish surface water/seawater**
0

**Withdrawals from groundwater - renewable**
0

**Withdrawals from groundwater - non-renewable**
0

**Withdrawals from produced/entrained water**
0

**Withdrawals from third party sources**
32.1

**Total water discharges at this facility (megaliters/year)**
10

**Comparison of total discharges with previous reporting year**
About the same

**Discharges to fresh surface water**
0

**Discharges to brackish surface water/seawater**
0

**Discharges to groundwater**
0

**Discharges to third party destinations**
10

**Total water consumption at this facility (megaliters/year)**
32.1

**Comparison of total consumption with previous reporting year**
About the same

**Please explain**
At this site after primary treatment,discharing to third party destinations for further treatment.

**Facility reference number**
Facility 5

**Facility name (optional)**
Biocon Biologics LTD Malaysia

**Country/Area & River basin**

| | |
|---|---|
| Malaysia | Other, please specify |

**Latitude**
1.468066

**Longitude**
103.594544

**Located in area with water stress**
No

**Primary power generation source for your electricity generation at this facility**
<Not Applicable>

**Oil & gas sector business division**
<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**
690

**Comparison of total withdrawals with previous reporting year**
About the same

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**
0

**Withdrawals from brackish surface water/seawater**
0

**Withdrawals from groundwater - renewable**
0

**Withdrawals from groundwater - non-renewable**
0

**Withdrawals from produced/entrained water**
0

**Withdrawals from third party sources**
690

**Total water discharges at this facility (megaliters/year)**
552

**Comparison of total discharges with previous reporting year**
About the same

**Discharges to fresh surface water**
0

**Discharges to brackish surface water/seawater**
0

**Discharges to groundwater**
0

**Discharges to third party destinations**
552

**Total water consumption at this facility (megaliters/year)**
690

**Comparison of total consumption with previous reporting year**
About the same

**Please explain**
At this site after primary treatment,discharing to third party destinations for further treatment.

---

**Facility reference number**
Facility 6

**Facility name (optional)**
Syngene International Ltd, Mangalore

**Country/Area & River basin**

| | |
|---|---|
| India | Other, please specify (MSEZ ) |

**Latitude**
12.9822

**Longitude**
74.858

**Located in area with water stress**
No

**Primary power generation source for your electricity generation at this facility**
<Not Applicable>

**Oil & gas sector business division**
<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**
46.12

**Comparison of total withdrawals with previous reporting year**
This is our first year of measurement

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**
0

**Withdrawals from brackish surface water/seawater**
0

**Withdrawals from groundwater - renewable**
0

**Withdrawals from groundwater - non-renewable**
0

**Withdrawals from produced/entrained water**
0

**Withdrawals from third party sources**
46.12

**Total water discharges at this facility (megaliters/year)**
0

**Comparison of total discharges with previous reporting year**
This is our first year of measurement

**Discharges to fresh surface water**
0

**Discharges to brackish surface water/seawater**
0

**Discharges to groundwater**
0

**Discharges to third party destinations**
0

**Total water consumption at this facility (megaliters/year)**
46.12

**Comparison of total consumption with previous reporting year**
This is our first year of measurement

**Please explain**
Facility is equipped with ZLD plant and treated water is used for inhouse utilities.

---

**Facility reference number**
Facility 7

**Facility name (optional)**
Syngene International Ltd,Hyderabad

**Country/Area & River basin**

| | |
|---|---|
| India | Godavari |

**Latitude**
17.66062

**Longitude**
78.62303

**Located in area with water stress**
No

**Primary power generation source for your electricity generation at this facility**
<Not Applicable>

**Oil & gas sector business division**
<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**
7.92

**Comparison of total withdrawals with previous reporting year**
This is our first year of measurement

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**
0

**Withdrawals from brackish surface water/seawater**
0

**Withdrawals from groundwater - renewable**

0

**Withdrawals from groundwater - non-renewable**
0

**Withdrawals from produced/entrained water**
0

**Withdrawals from third party sources**
0

**Total water discharges at this facility (megaliters/year)**
3.2

**Comparison of total discharges with previous reporting year**
This is our first year of measurement

**Discharges to fresh surface water**
0

**Discharges to brackish surface water/seawater**
0

**Discharges to groundwater**
0

**Discharges to third party destinations**
0

**Total water consumption at this facility (megaliters/year)**
7.92

**Comparison of total consumption with previous reporting year**
This is our first year of measurement

**Please explain**
After primary treatment discharging to the third party destination for further treatment.

## W5.1a

### (W5.1a) For the facilities referenced in W5.1, what proportion of water accounting data has been third party verified?

#### Water withdrawals – total volumes

**% verified**
76-100

**Verification standard used**
The same has been verified by third-party agencies

**Please explain**
<Not Applicable>

#### Water withdrawals – volume by source

**% verified**
76-100

**Verification standard used**
The same has been verified by third-party agencies

**Please explain**
<Not Applicable>

#### Water withdrawals – quality by standard water quality parameters

**% verified**
76-100

**Verification standard used**
The same has been verified by third-party agencies

**Please explain**
<Not Applicable>

#### Water discharges – total volumes

**% verified**
76-100

**Verification standard used**
The same has been verified by third-party agencies

**Please explain**
<Not Applicable>

#### Water discharges – volume by destination

**% verified**
76-100

**Verification standard used**
The same has been verified by third-party agencies

**Please explain**
<Not Applicable>

#### Water discharges – volume by final treatment level

**% verified**
76-100

**Verification standard used**
The same has been verified by third-party agencies

**Please explain**
<Not Applicable>

#### Water discharges – quality by standard water quality parameters

**% verified**
76-100

**Verification standard used**
The same has been verified by third-party agencies

**Please explain**
<Not Applicable>

#### Water consumption – total volume

**% verified**
76-100

**Verification standard used**
The same has been verified by third-party agencies

**Please explain**
<Not Applicable>

## W6. Governance

### W6.1

**(W6.1) Does your organization have a water policy?**

Yes, we have a documented water policy that is publicly available

### W6.1a

**(W6.1a) Select the options that best describe the scope and content of your water policy.**

| | Scope | Content | Please explain |
|---|---|---|---|
| Row 1 | Company-wide | Company water targets and goals<br>Commitments beyond regulatory compliance<br>Commitment to stakeholder awareness and education<br>Other, please specify (Resource conservation) | It is covered as part of the company wide 'Environment, Occupational health, Safety and Sustainability' policy signed by Chairperson. EHSS Policy V-07 English and Kannada.pdf |

### W6.2

**(W6.2) Is there board level oversight of water-related issues within your organization?**

Yes

### W6.2a

**(W6.2a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for water-related issues.**

| Position of individual | Please explain |
|---|---|
| Board Chair | Role of Board Chair is<br><br>1. Highest level of direct responsibility lies with the board headed by Executive chairperson<br>2. To integrate sustainability considerations into the board committee structures<br>3. To ensure that sustainability considerations are given sufficient attention across the board<br>4. To ensure management fully identifies sustainability-related risks in the short, medium and long-term, assess their materiality, and takes appropriate action according to the materiality of the risks.<br><br>Note: 'Sustainability' includes water stewardship as a key aspect. |
| Board-level committee | We have established high standards of governance to build an environment of trust, transparency and accountability. To drive a top-down approach for ESG integration, our Corporate Social Responsibility<br>Committee at the Board level was reconstituted to 'Corporate Social Responsibility and Environment, Social, and Governance Committee' with the primary objective of providing oversight, direction and monitoring our ESG strategy and initiatives, as well as to direct initiatives<br>to embed integrated thinking within Biocon's culture. Additionally, at Biocon Limited and Biocon Biologics, the Board formed an Environment, Social and Governance Committee to drive positive impacts across the entity. During last year 3 additional board members were added in the CSR and ESG committee and 1 additional member was added in the Risk management committee.<br><br>The Board of Directors has a dedicated Committee with a<br>focus on corporate social responsibility and ESG , Risk management. The risk management committee consists of 6 Board members and CSR committee and ESG committee consists of 6 board members and meets at least quarterly. During the year in review the board committees had met four times. This committee's mission is to provide advice on strategic direction and on the development and promotion of Corporate Social Responsibility (CSR), Environmental, Social and Governance (ESG), Environment, Health and Safety (EHS), Sustainability and climate change related topics.<br>1. To ensure climate considerations incorporated into the strategic planning, business models, financial planning and other decision-making processes.<br>2. Undertaking decisions that are informed by the best available information on climate risks and opportunities<br>3. To hold management accountable for implementing the regulatory requirements for climate-relevant disclosure and for maintaining oversight of emerging regulation<br><br>Note: 'Sustainability' includes water stewardship as a key aspect. |
| Director on board | 1. Considering the risks and opportunities associated with sustainability to be an integral part of their accountability for the long-term stewardship of the organization.<br><br>Note: 'Sustainability' includes water stewardship as a key aspect. |
| Chief Executive Officer (CEO) | 1. Accountable for sustainability risks and opportunities considered during internal evaluations of the board<br>2. To identify sustainability-related risks in the short, medium and long-term, assess their materiality, and takes appropriate action according to the materiality of the risks.<br>3. To pursue integrated reporting<br>4. Overseeing of sustainability strategy and giving objectives and targets to the Executive Leadership Team (ELT)<br><br>Note: 'Sustainability' includes water stewardship as a key aspect. |

### W6.2b

### (W6.2b) Provide further details on the board's oversight of water-related issues.

| | Frequency that water-related issues are a scheduled agenda item | Governance mechanisms into which water-related issues are integrated | Please explain |
|---|---|---|---|
| Row 1 | Scheduled - all meetings | Monitoring implementation and performance<br>Overseeing acquisitions and divestiture<br>Overseeing major capital expenditures<br>Providing employee incentives<br>Reviewing and guiding annual budgets<br>Reviewing and guiding business plans<br>Reviewing and guiding major plans of action<br>Reviewing and guiding risk management policies<br>Reviewing and guiding strategy<br>Reviewing and guiding corporate responsibility strategy<br>Reviewing innovation/R&D priorities<br>Setting performance objectives | The Company's Board of Directors provides effective leadership by engaging, enabling and encouraging the management to deliver on the Company's vision, mission and values. The diverse and multidisciplinary group of knowledgeable and experienced professionals possess the relevant skills, expertise and competence to guide the Company through business-as-usual scenarios as well as in extraordinary times. The vision, commitment and oversight for our organization strategy starts at the very top. The Risk Management Committee of the Board of Directors oversees Company's risk governance framework and infrastructure. In reporting, this committee met four times and discussed topics such as information technology, cybersecurity, workplace safety, climate change, water conservation and other material risks. The primary responsibility of the Committee is to assist the Board in discharging its social responsibilities by way of formulating, monitoring and implementing a framework in line with the corporate social responsibility policy of the Company. The CSR board approves CSR strategies, budgets, project plans, manages internal governance and plays an oversight role with regard to compliance with the Company's policy. The CSR committee identifies intervention areas based on the needs of the community, reviews policy, recommends budgets, monitors implementation of programs and reports the results to the board on a quarterly basis.<br><br>The Board receives quarterly summary of the aggregated opportunity/risk exposure of the organization including environment , sustainability and climate-related risks. The information is collated from across functions and provided by risk and governance team and major points are discussed in Board meetings. This mechanism warrants that the Board can keep track of changes to the company risk profile (including sustainability-related issues) and initiate corrective measures in case of significant changes. In terms of management systems implemented, Management review process is followed in the organization which requires Top management to periodically review the Environment management System in place to ensure its continuing suitability, adequacy, effectiveness and alignment with the strategic direction of the organization. The agenda of the meeting is to<br>1. Determine and evaluate EMS performance<br>2. Determine the need for change and improvement<br>3. Determine the suitability of the policies and the objectives<br>Observations, conclusions, and recommendations for further necessary action from the review are recorded and any corrective action if required is taken. Top management follows up to ensure that the action intended out of the meetings is effectively implemented.<br><br>Note: 'Sustainability' includes water stewardship as a key aspect. |

## W6.2d

### (W6.2d) Does your organization have at least one board member with competence on water-related issues?

| | Board member(s) have competence on water-related issues | Criteria used to assess competence of board member(s) on water-related issues | Primary reason for no board-level competence on water-related issues | Explain why your organization does not have at least one board member with competence on water-related issues and any plans to address board-level competence in the future |
|---|---|---|---|---|
| Row 1 | Yes | One of the key functions our Board is to monitor and review the Board evaluation framework. The Nomination and Remuneration Committee in consultation with the Board, had laid down the evaluation criteria for the performance of the Chairperson, Board, Committees of the Board, and executive/non-executive/ independent directors through peer evaluation, excluding the director being evaluated. Further, the Board had agreed to undertake the Board Evaluation by an external agency, at least once in 3 (three) financial years, pursuant to which for the FY 2020-21, Egon Zehnder, a leadership advisory firm on board matters, had conducted the Board Evaluation. For the current FY 2021-22, the Board had undertaken this exercise through self-evaluation questionnaires. The evaluation process focused on the below aspects –<br>• Board dynamics and other aspects towards Board effectiveness<br>• Board Composition, Quality and Culture<br>• Board Meeting & Procedures<br>• Execution & performance of specific duties<br>• Board & Management relations<br>• Succession Planning<br>• Committee effectiveness<br>• Evaluation of Chairperson, Executive & Non-Executive Directors.<br>The evaluation report was also discussed at the meeting of the Board of Directors and Committees. In order to further uphold the effectiveness of the Board's governance, an overview of the suggestions as drawn from the evaluation exercise was deliberated and recommended for implementation in due course of time, by the Board.<br><br>Key expertise and attributes of the Board of Directors In compliance with the SEBI Listing Regulations, the Board has identified the skills/ expertise/ competencies fundamental for the effective functioning of the Company which are taken into consideration by the Nomination and Remuneration Committee while recommending appointment of any candidate to the Board of the Company.as such board level committee has 7 out of 9 board members are expertise in finance and risk management ,risk management includes Climate & Water related risks. | <Not Applicable> | <Not Applicable> |

## W6.3

**(W6.3) Provide the highest management-level position(s) or committee(s) with responsibility for water-related issues (do not include the names of individuals).**

**Name of the position(s) and/or committee(s)**
Chief Executive Officer (CEO)

**Responsibility**
Assessing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**
Quarterly

**Please explain**
The management positions lie in the top of the organogram headed by the Managing Director (MD) &Chief Executive Officer (CEO) as the highest decision-making authority on sustainability issues. The Boards have delegated to the Executive Leadership Team (ELT) the responsibility for the operational leadership of the business including strategy, performance & policy. The ELT meets multiple times in a year and monitors and tracks sustainability performance. Our Chief Executive Officer (CEO) chairs the ELT team and is responsible for the sustainability initiatives and the targets. He also attends every quarterly meeting of the Board Corporate Social Responsibility Committee to ensure alignment with the Board's oversight of sustainability and climate change risks and opportunities.

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**Name of the position(s) and/or committee(s)**
Chief Financial Officer (CFO)

**Responsibility**
Assessing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**
Quarterly

**Please explain**
Chief financial officer (CFO) is part of the Executive Leadership Team (ELT). The Boards have delegated to the Executive Leadership Team (ELT) the responsibility for the operational leadership of the business including strategy, performance & policy. The ELT meets multiple times in a year and monitors and tracks sustainability performance. He also attends every quarterly meeting of the Board Corporate Social Responsibility Committee to ensure alignment with the Board's oversight of sustainability and climate change risks and opportunities.

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**Name of the position(s) and/or committee(s)**
Chief Risk Officer (CRO)

**Responsibility**
Assessing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**
Quarterly

**Please explain**
Chief risk officer (CRO) is part of is part of management review process is followed in the organization which requires Executive Leadership Team (ELT) to periodically review the Environment Management System in place to ensure its continuing suitability, adequacy, effectiveness and alignment with the strategic direction of the organization. The company has in place an enterprise-wide risk management framework that provides a holistic approach to the best of its capabilities. The Committee identifies, assesses and mitigates risks that could materially impact its performance in achieving the stated objectives. This includes climate change & water risks and resulting effects on the organization as well.

---

**Name of the position(s) and/or committee(s)**
Risk committee

**Responsibility**
Managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**
Quarterly

**Please explain**
The Board of Directors has a dedicated Committee with a focus on risk management. The risk management committee consists of 6 Board members and meets at least quarterly. During the year in review the board committees had met four times.

1. To ensure sustainability considerations incorporated into the strategic planning, business models, financial planning and other decision-making processes.
2. Undertaking decisions that are informed by the best available information on sustainability related risks and opportunities
3. To hold management accountable for implementing the regulatory requirements for sustainability-relevant disclosure and for maintaining oversight of emerging regulation

Note: 'Sustainability' includes water stewardship as a key aspect.

---

**Name of the position(s) and/or committee(s)**
Other, please specify (ESG & CSR commitee)

**Responsibility**
Managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**
Quarterly

**Please explain**
During the reporting year we have reconstituted our CSR committee into ESG & CSR committee and included additional 3 member now the committee consist of 6 board members . ESG & CSR committee meets at least quarterly. During the year in review the board committees had met four times.

1. To ensure sustainability considerations incorporated into the strategic planning, business models, financial planning and other decision-making processes.
2. Undertaking decisions that are informed by the best available information on sustainability related risks and opportunities
3. To hold management accountable for implementing the regulatory requirements for sustainability-relevant disclosure and for maintaining oversight of emerging regulation

Note: 'Sustainability & ESG' includes water stewardship as a key aspect.

**Name of the position(s) and/or committee(s)**
Other committee, please specify (ESG steering commitee)

**Responsibility**
Managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**
Quarterly

**Please explain**
During the reporting year we have formed ESG steering committee led by MD & CEO and consist of ELT members to review all the sustainability issues which consist water stewardship review

**Name of the position(s) and/or committee(s)**
Other committee, please specify (ESG working commitee )

**Responsibility**
Assessing water-related risks and opportunities
Managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**
More frequently than quarterly

**Please explain**
The ESG working committee was formed during the reporting year which consist of all the functional heads, whom they have highest direct responsibility for Company's operations and is responsible for directives, strategies and programs with regards to water conservation and resource conservation as well as defining EHS and sustainability targets and monitoring their attainment.

**Name of the position(s) and/or committee(s)**
Please select

**Responsibility**
Please select

**Frequency of reporting to the board on water-related issues**
<Not Applicable>

**Please explain**

## W6.4

**(W6.4) Do you provide incentives to C-suite employees or board members for the management of water-related issues?**

| | Provide incentives for management of water-related issues | Comment |
|---|---|---|
| Row 1 | Yes | For the purpose of selection of any Director, the Nomination and Remuneration Committee identifies persons of integrity who possess relevant expertise, experience and leadership qualities required for the position.The Committee also ensures that the incumbent fulfils such criteria with regard to qualifications, positive attributes, independence, age and other criteria as laid down under the Act, Listing Regulations or other applicable laws. The Board has, on the recommendation of the Nomination and Remuneration Committee framed a policy on the remuneration of Directors, Key Managerial Personnel and other Employees as required under sub-section (3) of Section 178 of the Companies Act, 2013 |

## W6.4a

**(W6.4a) What incentives are provided to C-suite employees or board members for the management of water-related issues (do not include the names of individuals)?**

| | Role(s) entitled to incentive | Performance indicator | Please explain |
|---|---|---|---|

| | Role(s) entitled to incentive | Performance indicator | Please explain |
|---|---|---|---|
| Monetary reward | Corporate executive team<br>Chief Executive Officer (CEO)<br>Chief Financial Officer (CFO)<br>Chief Operating Officer (COO)<br>Chief Purchasing Officer (CPO)<br>Chief Risk Officer (CRO)<br>Chief Sustainability Officer (CSO)<br>Other, please specify (All employees) | Reduction of water withdrawals<br>Reduction in consumption volumes<br>Improvements in efficiency - direct operations<br>Improvements in efficiency - supply chain<br>Improvements in efficiency - product-use<br>Improvements in waste water quality - direct operations<br>Improvements in waste water quality - supply chain<br>Improvements in waste water quality - product-use<br>Implementation of employee awareness campaign or training program<br>Supply chain engagement<br>Implementation of water-related community project | As part of performance linked bonus, a new initiative known as department scorecard has been started where climate change related objectives are incorporated for scoring purpose. Company incentivizes employees to generate ideas on how to improve the environmental footprint of the organization which includes water conservation and reduction measures as well. These ideas are collected and evaluated through the Company Ideation module. Employees are encouraged to submit ideas on how to improve production process, water conservation and other resource reduction measures. We also have regular reward and recognition programs for employees where innovative projects that has impact on water reduction, water efficiency and environment excellence is rewarded and recognized. Whereas this happens at BU level, we have overall reward and recognition program during Annual Day where as part of the various category awards, efforts towards water stewardship and sustainability initiatives are also selected and rewarded by top management. |
| Non-monetary reward | Corporate executive team<br>Chief Executive Officer (CEO)<br>Chief Financial Officer (CFO)<br>Chief Operating Officer (COO)<br>Chief Purchasing Officer (CPO)<br>Chief Risk Officer (CRO)<br>Chief Sustainability Officer (CSO)<br>Other, please specify (all employees) | Reduction of water withdrawals<br>Reduction in consumption volumes<br>Improvements in efficiency - direct operations<br>Improvements in efficiency - supply chain<br>Improvements in efficiency - product-use<br>Improvements in waste water quality - direct operations<br>Improvements in waste water quality - supply chain<br>Improvements in waste water quality - product-use<br>Implementation of employee awareness campaign or training program<br>Supply chain engagement<br>Implementation of water-related community project | As part of performance linked bonus, a new initiative known as department scorecard has been started where climate change related objectives are incorporated for scoring purpose. Company incentivizes employees to generate ideas on how to improve the environmental footprint of the organization which includes water conservation and reduction measures as well. These ideas are collected and evaluated through the Company Ideation module. Employees are encouraged to submit ideas on how to improve production process, water conservation and other resource reduction measures. We also have regular reward and recognition programs for employees where innovative projects that has impact on water reduction, water efficiency and environment excellence is rewarded and recognized. Whereas this happens at BU level, we have overall reward and recognition program during Annual Day where as part of the various category awards, efforts towards water stewardship and sustainability initiatives are also selected and rewarded by top management. |

## W6.5

**(W6.5) Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?**

Yes, direct engagement with policy makers

Yes, trade associations

## W6.5a

**(W6.5a) What processes do you have in place to ensure that all of your direct and indirect activities seeking to influence policy are consistent with your water policy/water commitments?**

The company's Chief Operating Officers (COO) have major responsibility to ensure that direct and indirect activities are consistent with our overall sustainability strategy. The Executive Leadership team (ELT) is the highest-level non-Board committee and reports directly to the Board of Directors on major corporate and business issues. Other members of the ELT who are directly involved in policy, legal, strategy and other functions coordinate with the COOs to ensure a consistent approach on sustainability related issues in our organization. We have an integrated EHS Management system which consolidates all EHS and compliance programs and voluntary action into one integrated management system that conforms to the well-known ISO14001 standard and ISO 45001 standard. Targets, objectives, priorities and performance goals are set for every aspect of the EHS Management system which includes sustainability related issues like water conservation and climate change. The progress and performance of the same is monitored regularly by management system coordinators. Internal audits are conducted every 6 months in order to assess the compliance to the management system and the same is reported to ELT and further to the ESG & CSR committee at Board level.

Note: 'Sustainability & ESG' includes water stewardship as a key aspect.

## W6.6

**(W6.6) Did your organization include information about its response to water-related risks in its most recent mainstream financial report?**

Yes (you may attach the report - this is optional)
Biocon_ESG_Report_2022.pdf
Biocon_Annual_Report_2022.pdf

# W7. Business strategy

## W7.1

**(W7.1) Are water-related issues integrated into any aspects of your long-term strategic business plan, and if so how?**

| | Are water-related issues integrated? | Long-term time horizon (years) | Please explain |
|---|---|---|---|
| Long-term business objectives | Yes, water-related issues are integrated | 5-10 | Sustaining economic growth while preserving the environment has always been critical for us. We are committed to seeking new practices and technologies to ensure efficient and optimal use of resources, minimize our impact on the climate, reduce waste generation and reduce use of fresh water, while increasing recycling of waste and water. Besides recycling, efforts to optimise fresh water consumption at our manufacturing facilities, rainwater harvesting systems, and implementing catchment-based interventions to promote aquifer recharge in the communities around our operations are also helping conserve water. |
| Strategy for achieving long-term objectives | Yes, water-related issues are integrated | 11-15 | The company is also committed to the Sustainable Development Goals of the United Nations, which comprise the goal to ensure availability and sustainable management of water and sanitation for all (SDG 6 – Clean Water and Sanitation).<br><br>To promote water stewardship and to increase the company's resilience towards this resource we pursue the goal of establishing sustainable water management at all sites in water stressed areas. |
| Financial planning | Yes, water-related issues are integrated | 5-10 | Water related infra requirements for new and upcoming construction projects are integrated from start right from our construction project Request for proposal (RFP) stage. This is to ensure so that key water related aspects are integrated right from financial planning stage where CAPEX budgets are drawn up and OPEX budget is estimated for the financial year. CAPEX and OPEX requirements for existing Zero Liquid Discharge (ZLD) effluent treatment plants (ETPs) are also estimated at beginning of the financial year to ensure that they are integrated in to the financial budgeting process. |

## W7.2

**(W7.2) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?**

**Row 1**

**Water-related CAPEX (+/- % change)**
24

**Anticipated forward trend for CAPEX (+/- % change)**
14

**Water-related OPEX (+/- % change)**
10

**Anticipated forward trend for OPEX (+/- % change)**
10

**Please explain**
Many of our products rely on freshwater as product or process input, with strict quality parameters. With impure water, product quality is severely affected/efforts for water pre-treatment rise. We have been deployed best-in-class water management practices to appropriately treat and reuse wastewater within our operations and facilities, eliminating discharges into local water bodies. In the reporting year we have made substantial capital investments to upgrade to the latest advancements in wastewater treatment.

## W7.3

**(W7.3) Does your organization use scenario analysis to inform its business strategy?**

| | Use of scenario analysis | Comment |
|---|---|---|
| Row 1 | Yes | We have conducted water scenario analysis using WRI Aqueduct tool three scenarios i.e. optimistic(RCP2.6),Business as usual(RCP4.5)&Pessimistic (RCP 8.5) |

## W7.3a

**(W7.3a) Provide details of the scenario analysis, what water-related outcomes were identified, and how they have influenced your organization's business strategy.**

| | Type of scenario analysis used | Parameters, assumptions, analytical choices | Description of possible water-related outcomes | Influence on business strategy |
|---|---|---|---|---|
| Row 1 | Water-related | Parameters: Considering the geographic locations ,water stress ,seasonal variability, water supply ,water demand under Optimistic scenario (RCP2.6) , Current scenario (RCP4.5) and pessimistic scenario (RCP 8.5) to assess the future risks<br>Assumptions: As IPCC report (AR6) talks about changes in weather patterns and heatwaves in some of the countries ,we have used RCP (2.6) optimistic scenario RCP(4.5)Current scenario and RCP(8.5)pessimistic scenario and these were assessed mapping 2030 and 2040 future scenarios for the water stress ,seasonal variability, water supply & water demand considering the change in weather patterns and heatwaves.<br>Analytical choices: We have used WRI aqueduct tool for the future scenarios for 2030 & 2040 to assess the absolute value and change from the baseline( baseline describes as per aqueduct tool is over 50 years data 1960-2014) which has helped us to asses the water stress across our operations.<br>The scenario analysis is mixed with qualitative and quantitative analysis | 1.Increase in temperature will lead to water stress and disruption in direct operations & value chain<br>2.Reputational damage by not maintaining the compliance for the wastewater treatment<br>3.Reduced quality of water due to flood and cyclone | All the water related risk and opportunities are monitored by company wide Enterprise Risk Management(ERM) process and integrated to financial planning , company invested 80 crore INR for the new technologies to maintain and improve the waste treatment process. And many other technologies have been identified for the implementation in upcoming years , internal feasibility reports being made to use for the new technologies. and also competent internal team have developed to conduct water audit every year and the outcomes were monitored by ESG Steering committee . |

## W7.4

**(W7.4) Does your company use an internal price on water?**

**Row 1**

**Does your company use an internal price on water?**
No, and we do not anticipate doing so within the next two years

**Please explain**
Even though water is detrimental to our operations and is the most important utility, we are not looking to explore water valuation and water pricing.

## W7.5

### (W7.5) Do you classify any of your current products and/or services as low water impact?

| | Products and/or services classified as low water impact | Definition used to classify low water impact | Primary reason for not classifying any of your current products and/or services as low water impact | Please explain |
|---|---|---|---|---|
| Row 1 | No, and we do not plan to address this within the next two years | <Not Applicable> | Important but not an immediate business priority | Even though water is detrimental to our operations and is the most important utility ,we are not exploring to classify the low water print products |

## W8. Targets

## W8.1

### (W8.1) Describe your approach to setting and monitoring water-related targets and/or goals.

| | Levels for targets and/or goals | Monitoring at corporate level | Approach to setting and monitoring targets and/or goals |
|---|---|---|---|
| Row 1 | Company-wide targets and goals<br>Site/facility specific targets and/or goals | Goals are monitored at the corporate level | Sustaining economic growth while preserving the environment has always been critical for us. We are committed to seeking new practices and technologies to ensure efficient and optimal use of resources, minimize our impact on the climate, reduce waste generation and reduce use of fresh water, while increasing recycling of waste and water. We have internal targets related to water conservation and water withdrawal reductions at site level. This is inline with the level of water stress applicable for the site and also the business requirement. The same is monitored at corporate level by the leadership team. Depending on the responsibilities, individual targets for the employees relate to environmental or climate related issues (e.g. Utility and plant managers). Employee performance is assessed in a compulsory annual appraisal review.. Managers are assessed on the basis of the specific Key Performance Indicators (KPIs) pertaining to their function and business unit or corporate department. |

## W8.1b

**(W8.1b) Provide details of your water goal(s) that are monitored at the corporate level and the progress made.**

**Goal**
Providing access to safely managed Water, Sanitation and Hygiene (WASH) in local communities

**Level**
Company-wide

**Motivation**
Commitment to the UN Sustainable Development Goals

**Description of goal**
The company is committed to the Sustainable Development Goals of the United Nations, which comprise the goal to ensure availability and sustainable management of water and sanitation for all (SDG 6 – Clean Water and Sanitation).

**Baseline year**
2020

**Start year**
2021

**End year**
2022

**Progress**
In a concerted effort to make rural areas Open Defecation Free (ODF) to complement the Government of India's Swachh Bharat Abhiyan (SBA), the company's foundation has established multiple community sanitary complexes. The initiative which complements the Swachh Bharat Abhiyan (SBA) of the Government of India, also looks at providing supporting utilities in terms of access to water for toilet hygiene and septic tanks. The initiative includes the construction of school toilets with separate blocks for boys and girls as a step to encourage the attendance of the girl child. By installing, operating and maintaining Reverse Osmosis (RO) water purification units, safe drinking water has been provided to many village communities. We are supplying fresh water around 29200 KL/annum for the local community and monitoring program also is in place.

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**Goal**
Improve wastewater quality beyond compliance requirements

**Level**
Company-wide

**Motivation**
Water stewardship

**Description of goal**
As an innovation-led global biopharmaceuticals and commitment to go beyond compliance ,we have introduced/upgraded few technologies like Multiple effect Evaporation, Membrane Bioreactors (Biological),Reverse Osmosis (RO) & Scaleban.

**Baseline year**
2020

**Start year**
2021

**End year**
2022

**Progress**
We have installed scale ban technology where we can use our high TDS effluent which can be feed into our chillers and cooling towers .Due to commissioning our new Zero Liquid Discharge (ZLD) Effluent Treatment Plant (ETP) we were able to achieve savings of 680000 liters of fresh water every day which is more than 10% of of our overall water withdrawal.

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## W9. Verification

## W9.1

**(W9.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1a)?**
Yes

## W9.1a

**(W9.1a) Which data points within your CDP disclosure have been verified, and which standards were used?**

| Disclosure module | Data verified | Verification standard | Please explain |
|---|---|---|---|
| W1 Current state | Water withdrawal and discharge related information | Other, please specify (EY internal standards ) | Water withdrawal & discharge related information ,compliance requirement are verified twice in a year across our facilities . |

## W10. Sign off

### W-FI

**(W-FI) 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.**

Pharmaceutical manufacturing is a resource intensive industry, as drug production requires large amounts of water and power. The manufacturing processes lead to significant greenhouse gas emissions, sizable effluent discharge and considerable waste generation. To limit our environmental impact, we continuously strive to reduce our water footprint, carbon footprint, recycle resources, transition to renewable energy, adopt responsible sourcing practices, drive productivity across our value chain and adopt digital solutions that reduce inefficiencies. While we pursue our purpose of using biotechnology to develop therapies that heal the world, we are equally concerned about the health of our planet and the depleting ecological balance. As a responsible corporate citizen, we have designed our operations to enable environmental sustainability with a low carbon footprint, maximum recycling of wastewater and use of green power. The company is also committed to the Sustainable Development Goals of the United Nations, which comprise the goal to ensure availability and sustainable management of water and sanitation for all (SDG 6 – Clean Water and Sanitation). Supporting environmental and health equity is our commitment to diversity and inclusion at the workplace. Besides recycling, efforts to optimize fresh water consumption at our manufacturing facilities, rainwater harvesting systems, and implementing catchment-based interventions to promote aquifer recharge in the communities around our operations are also helping conserve water. We have consistently endeavored to create a collaborative and empowering work culture, in pursuit of building businesses that make a meaningful social impact. ,we have also conducted water risk assessment and scenario analysis

### W10.1

**(W10.1) Provide details for the person that has signed off (approved) your CDP water response.**

| | Job title | Corresponding job category |
|---|---|---|
| Row 1 | Head _Environment, Health ,Safety & Sustainability | Other, please specify (Associate Vice President -EHSS) |

### W10.2

**(W10.2) Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].**

No

## SW. Supply chain module

### SW0.1

**(SW0.1) What is your organization's annual revenue for the reporting period?**

| | Annual revenue |
|---|---|
| Row 1 | 8396 |

### SW1.1

**(SW1.1) Could any of your facilities reported in W5.1 have an impact on a requesting CDP supply chain member?**

We do not have this data but we intend to collect it within two years

### SW1.2

**(SW1.2) Are you able to provide geolocation data for your facilities?**

| | Are you able to provide geolocation data for your facilities? | Comment |
|---|---|---|
| Row 1 | Yes, for all facilities | we have provided geolocation data for all the facilities in W5.1 |

### SW1.2a

**(SW1.2a) Please provide all available geolocation data for your facilities.**

| Identifier | Latitude | Longitude | Comment |
|---|---|---|---|
| Facility 1 | 12.831445 | 77.679417 | Biocon Limited and Biocon Biologics India Limited, 20th KM, Bengaluru (Site 1) |
| Facility 2 | 12.804027 | 77.661651 | Biocon Limited, Biocon Biologics India Limited and Syngene International Limited - BSEZ, Bengaluru (Site 2) |
| Facility 3 | 17.385 | 78.4867 | Biocon Limited - Pashamylaram ,Hyderabad. |
| Facility 4 | 17.686815 | 83.218483 | Biocon Limited ,Visakhapatnam, Andhra Pradesh. |
| Facility 5 | 1.468066 | 103.594544 | Biocon Biologics LTD Malaysia |
| Facility 6 | 12.9822 | 74.858 | Syngene International Ltd, Mangalore |
| Facility 7 | 17.66062 | 78.62303 | Syngene International Ltd, Hyderabad |

## SW2.1

**(SW2.1) Please propose any mutually beneficial water-related projects you could collaborate on with specific CDP supply chain members.**

## SW2.2

**(SW2.2) Have any water projects been implemented due to CDP supply chain member engagement?**

No

## SW3.1

**(SW3.1) Provide any available water intensity values for your organization's products or services.**

## Submit your response

**In which language are you submitting your response?**

English

**Please confirm how your response should be handled by CDP**

| | I understand that my response will be shared with all requesting stakeholders | Response permission |
|---|---|---|
| Please select your submission options | Yes | Public |

**Please confirm below**

I have read and accept the applicable Terms