



BALCHEM CORP

2024 CDP Corporate Questionnaire 2024

Word version

Important: this export excludes unanswered questions

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

[Terms of disclosure for corporate questionnaire 2024 - CDP](#)

Contents

| | |
|---|-----------|
| C1. Introduction | 6 |
| (1.3) Provide an overview and introduction to your organization. | 6 |
| (1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years. | 7 |
| (1.5) Provide details on your reporting boundary. | 8 |
| (1.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)? | 8 |
| (1.8) Are you able to provide geolocation data for your facilities? | 10 |
| (1.8.1) Please provide all available geolocation data for your facilities. | 11 |
| (1.24) Has your organization mapped its value chain? | 21 |
| (1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of? | 22 |
| C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities | 23 |
| (2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities? | 23 |
| (2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts? | 24 |
| (2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities? | 25 |
| (2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed? | 25 |
| (2.3) Have you identified priority locations across your value chain? | 26 |
| (2.4) How does your organization define substantive effects on your organization? | 26 |
| (2.5) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health? | 28 |
| C3. Disclosure of risks and opportunities | 29 |
| (3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future? | 29 |
| (3.3) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations? | 30 |
| (3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future? | 31 |
| C4. Governance | 33 |

| | |
|--|----|
| (4.1) Does your organization have a board of directors or an equivalent governing body? | 33 |
| (4.1.1) Is there board-level oversight of environmental issues within your organization? | 34 |
| (4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board's oversight of environmental issues..... | 35 |
| (4.2) Does your organization's board have competency on environmental issues? | 37 |
| (4.3) Is there management-level responsibility for environmental issues within your organization?..... | 39 |
| (4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals)..... | 39 |
| (4.4) Does your organization have management-level competency on environmental issues?..... | 47 |
| (4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets? | 47 |
| (4.5.1) Provide further details on the monetary incentives provided for the management of environmental issues (do not include the names of individuals)..... | 48 |
| (4.6) Does your organization have an environmental policy that addresses environmental issues?..... | 53 |
| (4.6.1) Provide details of your environmental policies..... | 53 |
| (4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives? | 55 |
| (4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment? | 56 |
| (4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication. | 57 |

C5. Business strategy..... 59

| | |
|---|----|
| (5.1) Does your organization use scenario analysis to identify environmental outcomes? | 59 |
| (5.2) Does your organization's strategy include a climate transition plan?..... | 60 |
| (5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?..... | 60 |
| (5.4) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?..... | 61 |
| (5.5) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities? | 61 |
| (5.5.3) Provide details of your organization's investments in low-carbon R&D for chemical production activities over the last three years..... | 62 |
| (5.9) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?..... | 62 |
| (5.10) Does your organization use an internal price on environmental externalities?..... | 63 |
| (5.11) Do you engage with your value chain on environmental issues? | 64 |
| (5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment? | 65 |

| | |
|---|----|
| (5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues? | 66 |
| (5.11.5) Do your suppliers have to meet environmental requirements as part of your organization’s purchasing process? | 66 |
| (5.11.7) Provide further details of your organization’s supplier engagement on environmental issues. | 67 |
| (5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain. | 67 |
| (5.12) Indicate any mutually beneficial environmental initiatives you could collaborate on with specific CDP Supply Chain members. | 68 |
| (5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement? | 68 |

C6. Environmental Performance - Consolidation Approach 70

| | |
|--|----|
| (6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data..... | 70 |
|--|----|

C7. Environmental performance - Climate Change..... 72

| | |
|---|-----|
| (7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?..... | 72 |
| (7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year? | 72 |
| (7.1.3) Have your organization’s base year emissions and past years’ emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?..... | 72 |
| (7.3) Describe your organization’s approach to reporting Scope 2 emissions. | 73 |
| (7.5) Provide your base year and base year emissions. | 73 |
| (7.6) What were your organization’s gross global Scope 1 emissions in metric tons CO2e? | 78 |
| (7.7) What were your organization’s gross global Scope 2 emissions in metric tons CO2e? | 80 |
| (7.8) Account for your organization’s gross global Scope 3 emissions, disclosing and explaining any exclusions. | 82 |
| (7.8.1) Disclose or restate your Scope 3 emissions data for previous years. | 89 |
| (7.9) Indicate the verification/assurance status that applies to your reported emissions. | 90 |
| (7.10.1) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year. | 90 |
| (7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP). | 96 |
| (7.16) Break down your total gross global Scope 1 and 2 emissions by country/area. | 98 |
| (7.17.2) Break down your total gross global Scope 1 emissions by business facility. | 100 |
| (7.19) Break down your organization’s total gross global Scope 1 emissions by sector production activity in metric tons CO2e..... | 114 |
| (7.20.2) Break down your total gross global Scope 2 emissions by business facility. | 114 |
| (7.21) Break down your organization’s total gross global Scope 2 emissions by sector production activity in metric tons CO2e..... | 124 |
| (7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response. | 125 |

| | |
|---|-----|
| (7.23.1) Break down your gross Scope 1 and Scope 2 emissions by subsidiary. | 126 |
| (7.25) Disclose the percentage of your organization’s Scope 3, Category 1 emissions by purchased chemical feedstock..... | 139 |
| (7.25.1) Disclose sales of products that are greenhouse gases. | 139 |
| (7.26) Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period..... | 141 |
| (7.27) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?..... | 149 |
| (7.28) Do you plan to develop your capabilities to allocate emissions to your customers in the future? | 150 |
| (7.30) Select which energy-related activities your organization has undertaken. | 150 |
| (7.30.1) Report your organization’s energy consumption totals (excluding feedstocks) in MWh..... | 151 |
| (7.30.3) Report your organization’s energy consumption totals (excluding feedstocks) for chemical production activities in MWh. | 153 |
| (7.30.6) Select the applications of your organization’s consumption of fuel. | 156 |
| (7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type..... | 157 |
| (7.30.9) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year..... | 164 |
| (7.30.11) Provide details on electricity, heat, steam, and cooling your organization has generated and consumed for chemical production activities. | 165 |
| (7.30.14) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in 7.7. | 166 |
| (7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year. | 170 |
| (7.39) Provide details on your organization’s chemical products. | 175 |
| (7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations. | 176 |
| (7.52) Provide any additional climate-related metrics relevant to your business..... | 177 |
| (7.53.1) Provide details of your absolute emissions targets and progress made against those targets..... | 179 |
| (7.55.1) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings. | 183 |
| (7.55.2) Provide details on the initiatives implemented in the reporting year in the table below. | 183 |
| (7.55.3) What methods do you use to drive investment in emissions reduction activities? | 191 |

C9. Environmental performance - Water security..... 192

| | |
|--|-----|
| (9.1.1) Provide details on these exclusions. | 192 |
| (9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?..... | 194 |
| (9.2.2) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change? | 199 |

| | |
|---|-----|
| (9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change. | 200 |
| (9.2.7) Provide total water withdrawal data by source. | 201 |
| (9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities? | 204 |
| (9.5) Provide a figure for your organization’s total water withdrawal efficiency. | 205 |
| (9.13) Do any of your products contain substances classified as hazardous by a regulatory authority? | 205 |
| (9.14) Do you classify any of your current products and/or services as low water impact?..... | 205 |
| (9.15.1) Indicate whether you have targets relating to water pollution, water withdrawals, WASH, or other water-related categories. | 206 |
| (9.15.2) Provide details of your water-related targets and the progress made. | 207 |

C11. Environmental performance - Biodiversity 210

| | |
|---|-----|
| (11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments? | 210 |
| (11.3) Does your organization use biodiversity indicators to monitor performance across its activities? | 210 |
| (11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year? | 210 |

C13. Further information & sign off 212

| | |
|---|-----|
| (13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?..... | 212 |
| (13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored. | 212 |
| (13.3) Provide the following information for the person that has signed off (approved) your CDP response. | 213 |

C1. Introduction

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

(1.3.2) Organization type

Select from:

Publicly traded organization

(1.3.3) Description of organization

Balchem develops, manufactures, distributes, and markets specialty performance ingredients and products for the nutritional, food, pharmaceutical, animal health, medical device sterilization, plant nutrition, and industrial markets. Our three reportable segments are strategic businesses that offer products and services to different markets: Human Nutrition and Health (HNN), Animal Nutrition and Health (ANH), and Specialty Products (SP). We sell our products through our own sales force, independent distributors, and sales agents. Our HNN segment is a global leader in the essential nutrient choline, vitamin K2, chelated minerals, and microencapsulation technologies with strong positions in powder, flavor and cereal system formulation. Food or beverage, supplement or pharmaceutical, our HNN business segment provides ready-made and custom nutrients, vitamins, ingredients, systems, and products that enable our customers to create better finished goods that improve all aspects of life. As the human nutrition space continues to evolve, our capabilities grow, allowing us to deliver scientifically proven health benefits and fantastic taste in applications from infant formulas to performance shakes and functional foods. Our ANH segment is a global leader in choline production, nutrient encapsulation, chelated minerals, and functional ingredients. With a growing portfolio of products and a dedication to innovation and industry sustainability, Balchem ANH is leading the charge to meet the nutritional needs of ruminants, swine, poultry, and companion animals. Our SP business segment specializes in re-packaging and worldwide distribution of performance gases for use in the sterilization of medical devices, fumigation of nuts and spices, refrigeration, metal hardening, and other industrial applications. We have the packaging and distribution know-how to ensure the safe delivery of these products in returnable, reusable, environmentally safe containers. Our Plant Nutrition business unit, included in SP, provides highly bioavailable foliar applied chelated minerals and other specialty micronutrients. Balchem is committed to making the world a healthier place by delivering trusted, innovative, and science-based solutions for the health and nutritional needs of the world. We have built a reputation for delivering results to all of our stakeholders. We are proud of our accomplishments — most notably, our ability to reach 1.1 billion people around the world in 2023 by developing human nutrition products and supplementing the animals those humans consume with our vital nutrients. We remain focused on our two key sustainability objectives as we look to the future - provide innovative solutions for the health and nutritional needs of the world and operate as strong stewards of our employees, customers, shareholders, and communities (our stakeholders) with excellence Our Sustainability Framework focuses on the most critical Environmental, Social, and Governance (“ESG”) topics relevant to our business and our stakeholders. We accomplish this while operating our facilities and businesses to meet the expectations of our employees, customers, shareholders, and communities. We are committed to running our business in a way that respects the overall environment in which we operate. Therefore, corporate responsibility and sustainability play an important role in our strategies and long-term value creation for our stakeholders. We believe that our sustainability practices require transparency and accountability. In 2023, we celebrated the third anniversary of our commitment to the United Nations (“UN”) Global Compact, confirming our alignment with the Ten Principles on human rights, labor, the environment, and anti-corruption. As a participant member, we are proud to support several of the UN Sustainable Development Goals (“SDGs”) and have made good progress towards our 2030 goals for both GHG emissions and water consumption reduction. Moving forward, we are dedicated to further enhancing our contributions to the UN SDGs while

continuously striving for innovation and improvement in our sustainability practices. This commitment reflects our steadfast belief in responsible corporate citizenship and our determination to create a positive impact on both local and global scales.

[Fixed row]

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

(1.4.1) End date of reporting year

12/31/2023

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

Select from:

Yes

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

Select from:

Yes

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

Select from:

3 years

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

Select from:

3 years

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

Select from:

1 year
[Fixed row]

(1.5) Provide details on your reporting boundary.

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

[Fixed row]

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

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:

No

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

(1.6.2) Provide your unique identifier

US0576652004

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

(1.6.2) Provide your unique identifier

057665200

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

(1.6.2) Provide your unique identifier

BCPC

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

(1.6.2) Provide your unique identifier

2072074

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:

No

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

(1.6.2) Provide your unique identifier

041992728

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

No

[Add row]

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

| | Are you able to provide geolocation data for your facilities? | Comment |
|--|---|------------------------|
| | Select from: <input checked="" type="checkbox"/> Yes, for all facilities | 100% of our facilities |

[Fixed row]

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

Row 1

(1.8.1.1) Identifier

Albert Lea

(1.8.1.2) Latitude

43.68111

(1.8.1.3) Longitude

-93.34638

(1.8.1.4) Comment

One location

Row 2

(1.8.1.1) Identifier

Bertinoro

(1.8.1.2) Latitude

44.17242

(1.8.1.3) Longitude

12.16868

(1.8.1.4) Comment

One location

Row 3

(1.8.1.1) Identifier

Bridgeton

(1.8.1.2) Latitude

38.78165

(1.8.1.3) Longitude

-90.44597

(1.8.1.4) Comment

One location

Row 4

(1.8.1.1) Identifier

Covington

(1.8.1.2) Latitude

37.79679

(1.8.1.3) Longitude

-79.89455

(1.8.1.4) Comment

One location

Row 5

(1.8.1.1) Identifier

Defiance

(1.8.1.2) Latitude

41.29052

(1.8.1.3) Longitude

-84.36171

(1.8.1.4) Comment

One location

Row 6

(1.8.1.1) Identifier

Faribault

(1.8.1.2) Latitude

34.32296

(1.8.1.3) Longitude

-93.29849

(1.8.1.4) Comment

One location

Row 7

(1.8.1.1) Identifier

Green Pond

(1.8.1.2) Latitude

32.74433

(1.8.1.3) Longitude

-80.54538

(1.8.1.4) Comment

One location

Row 8

(1.8.1.1) Identifier

Grimbergen

(1.8.1.2) Latitude

32.74433

(1.8.1.3) Longitude

-80.54538

(1.8.1.4) Comment

One location

Row 9

(1.8.1.1) Identifier

Lincoln

(1.8.1.2) Latitude

40.85859

(1.8.1.3) Longitude

-96.77577

(1.8.1.4) Comment

One location

Row 10

(1.8.1.1) Identifier

Marano

(1.8.1.2) Latitude

45.62552

(1.8.1.3) Longitude

8.66087

(1.8.1.4) Comment

One location

Row 11

(1.8.1.1) Identifier

New Hampton

(1.8.1.2) Latitude

41.41843

(1.8.1.3) Longitude

-74.42422

(1.8.1.4) Comment

One location

Row 12

(1.8.1.1) Identifier

St. Gabriel

(1.8.1.2) Latitude

30.24922

(1.8.1.3) Longitude

-91.08831

(1.8.1.4) Comment

One location

Row 13

(1.8.1.1) Identifier

Marshfield

(1.8.1.2) Latitude

44.66688

(1.8.1.3) Longitude

-90.17052

(1.8.1.4) Comment

One location

Row 14

(1.8.1.1) Identifier

Salt Lake City

(1.8.1.2) Latitude

40.73574

(1.8.1.3) Longitude

-111.9312

(1.8.1.4) Comment

One location

Row 15

(1.8.1.1) Identifier

Slate Hill

(1.8.1.2) Latitude

41.3911

(1.8.1.3) Longitude

-74.47636

(1.8.1.4) Comment

One location

Row 16

(1.8.1.1) Identifier

Whittemore

(1.8.1.2) Latitude

43.06351

(1.8.1.3) Longitude

-94.42406

(1.8.1.4) Comment

One location

Row 17

(1.8.1.1) Identifier

Oden Human and Ogden Central warehouse

(1.8.1.2) Latitude

41.2149

(1.8.1.3) Longitude

-112.02174

(1.8.1.4) Comment

One location

Row 18

(1.8.1.1) Identifier

Verona

(1.8.1.2) Latitude

36.96402

(1.8.1.3) Longitude

-93.79863

(1.8.1.4) Comment

One location

Row 19

(1.8.1.1) Identifier

Ogden Liquids Plant

(1.8.1.2) Latitude

41.224

(1.8.1.3) Longitude

-111.99049

(1.8.1.4) Comment

One location

Row 20

(1.8.1.1) Identifier

Sleepy Eye

(1.8.1.2) Latitude

44.2971

(1.8.1.3) Longitude

-94.72621

(1.8.1.4) Comment

One location

Row 21

(1.8.1.1) Identifier

Morrisburg

(1.8.1.2) Latitude

44.90984

(1.8.1.3) Longitude

-75.17803

(1.8.1.4) Comment

One location

[Add row]

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:

No, but we plan to do so within the next two years

(1.24.4) Highest supplier tier known but not mapped

Select from:

Tier 4+ suppliers

(1.24.8) Primary reason for not mapping your upstream value chain or any value chain stages

Select from:

Other, please specify

(1.24.9) Explain why your organization has not mapped its upstream value chain or any value chain stages

Currently, we have not yet fully mapped out our value chain. However, we are committed to doing so within the next two years as part of our ongoing efforts to manage Scope 3 emissions and ensure compliance with upcoming sustainability regulations.

[Fixed row]

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

| | Plastics mapping | Primary reason for not mapping plastics in your value chain | Explain why your organization has not mapped plastics in your value chain |
|--|--|---|--|
| | Select from: <input checked="" type="checkbox"/> No, but we plan to within the next two years | Select from: <input checked="" type="checkbox"/> Not an immediate strategic priority | <i>Currently, we have not yet fully mapped out plastics in our value chain. However, we are committed to doing so within the next two years.</i> |

[Fixed row]

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

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

Short-term

(2.1.1) From (years)

1

(2.1.3) To (years)

3

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

Rich text input [must be under 1500 characters]

Medium-term

(2.1.1) From (years)

3

(2.1.3) To (years)

7

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

Rich text input [must be under 1500 characters]

Long-term

(2.1.1) From (years)

7

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

Select from:

Yes

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

*Rich text input [must be under 1500 characters]
[Fixed row]*

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

(2.2.1) Process in place

Select from:

No, but we plan to within the next two years

(2.2.4) Primary reason for not evaluating dependencies and/or impacts

Select from:

Other, please specify

(2.2.5) Explain why you do not evaluate dependencies and/or impacts and describe any plans to do so in the future

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks

and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026. During this process, we will identify our environmental dependencies and/or impacts.

[Fixed row]

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

(2.2.1.1) Process in place

Select from:

No, but we plan to within the next two years

(2.2.1.4) Primary reason for not evaluating risks and/or opportunities

Select from:

Other, please specify

(2.2.1.5) Explain why you do not evaluate risks and/or opportunities and describe any plans to do so in the future

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026. During this process, we will identify our environmental dependencies and/or impacts.

[Fixed row]

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

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

Select from:

No

(2.2.7.3) Primary reason for not assessing interconnections between environmental dependencies, impacts, risks and/or opportunities

Select from:

- Other, please specify

(2.2.7.4) Explain why you do not assess the interconnections between environmental dependencies, impacts, risks and/or opportunities

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026. During this process, we will identify our environmental dependencies and/or impacts and their interconnections to risks/opportunities.

[Fixed row]

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

| | Identification of priority locations | Primary reason for not identifying priority locations | Explain why you do not identify priority locations |
|--|--|---|--|
| | <p>Select from:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> No, but we plan to within the next two years | <p>Select from:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Other, please specify :As we identify risks and opportunities within our value chain, we will begin to prioritize locations of highest risk from an ecological perspective. | <p><i>As we identify risks and opportunities within our value chain, we will begin to prioritize locations of highest risk from an ecological perspective.</i></p> |

[Fixed row]

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

Risks

(2.4.1) Type of definition

Select all that apply

- Qualitative
- Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

- Revenue

(2.4.3) Change to indicator

Select from:

- % decrease

(2.4.6) Metrics considered in definition

Select all that apply

- Likelihood of effect occurring

(2.4.7) Application of definition

The Board provides general oversight of the Company's risk management program, focusing on the most significant and material risks facing the Company and helps to ensure that management develops and implements preventative controls and appropriate risk mitigation strategies. At the direction of the Board, we have instituted an enterprise-wide risk management process that identifies potential exposure to risks that arise in the course of our business. The Board uses our enterprise-wide risk management system as a key tool for understanding the risks facing us as well as assessing whether management's processes, procedures and practices for mitigating those risks are effective. Our Internal Audit function is primarily responsible for the planning, assessment and reporting of our risk profile and this risk management system.

Opportunities

(2.4.7) Application of definition

Rich text input [must be under 2500 characters]

[Add row]

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

| | Identification and classification of potential water pollutants | Please explain |
|--|---|---|
| | <i>Select from:</i> <input checked="" type="checkbox"/> No, we do not identify and classify our potential water pollutants | <i>We currently don't classify water pollutants but plan to as we incorporate biodiversity risk into our program.</i> |

[Fixed row]

C3. Disclosure of risks and opportunities

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

Climate change

(3.1.1) Environmental risks identified

Select from:

No

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

Select from:

Evaluation in progress

(3.1.3) Please explain

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026. During this process, we will identify environmental risks that have had or will have a substantive effect on our organization.

Water

(3.1.1) Environmental risks identified

Select from:

No

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

Select from:

Evaluation in progress

(3.1.3) Please explain

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026. During this process, we will identify environmental risks that have had or will have a substantive effect on our organization.

Plastics

(3.1.1) Environmental risks identified

Select from:

No

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

Select from:

Other, please specify :As we begin to identify risk and opportunities within our operations and across our value chain, we will assess what risks plastics are to our organization.

(3.1.3) Please explain

As we begin to identify risk and opportunities within our operations and across our value chain, we will assess what risks plastics are to our organization.
[Fixed row]

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

| | Water-related regulatory violations | Comment |
|--|--|--|
| | Select from: <input checked="" type="checkbox"/> No | <i>We are not aware of any fines or violations related to water regulations.</i> |

[Fixed row]

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

Climate change

(3.6.1) Environmental opportunities identified

Select from:

No

(3.6.2) Primary reason why your organization does not consider itself to have environmental opportunities

Select from:

Evaluation in progress

(3.6.3) Please explain

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026. During this process, we will identify environmental opportunities that have had or will have a substantive effect on our organization.

Water

(3.6.1) Environmental opportunities identified

Select from:

No

(3.6.2) Primary reason why your organization does not consider itself to have environmental opportunities

Select from:

Evaluation in progress

(3.6.3) Please explain

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026. During this process, we will identify environmental opportunities that have had or will have a substantive effect on our organization.

[Fixed row]

C4. Governance

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

(4.1.1) Board of directors or equivalent governing body

Select from:

Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

More frequently than quarterly

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

Select all that apply

Executive directors or equivalent

Independent non-executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:

Yes, and it is publicly available

(4.1.5) Briefly describe what the policy covers

The Board believes that diversity within a Board promotes the inclusion of different perspectives and ideas, mitigates against group think and ensures that the Company has the opportunity to benefit from all available talent. The promotion of a diverse Board makes prudent business sense and makes for better corporate governance. Therefore, the Board evaluates each candidate in the context of the Board as a whole, with the objective of recommending an individual that can best perpetuate the success of the business and represent shareholder interests through the exercise of sound judgment based upon a diversity of background, experience and perspectives. For purposes of Board composition, diversity includes, but is not limited to, business experience, geographic origin, age, gender, and ethnicity.

[Fixed row]

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

Climate change

(4.1.1.1) Board-level oversight of this environmental issue

Select from:

Yes

Water

(4.1.1.1) Board-level oversight of this environmental issue

Select from:

Yes

Biodiversity

(4.1.1.1) Board-level oversight of this environmental issue

Select from:

No, but we plan to within the next two years

(4.1.1.2) Primary reason for no board-level oversight of this environmental issue

Select from:

Other, please specify :We do not currently have specific biodiversity oversight from the board because we are in the process of assessing our risks and opportunities related to biodiversity.

(4.1.1.3) Explain why your organization does not have board-level oversight of this environmental issue

We do not currently have specific biodiversity oversight from the board because we are in the process of assessing our risks and opportunities related to biodiversity.

[Fixed row]

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

Climate change

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

Select all that apply

- Chief Executive Officer (CEO)
- Board-level committee
- Other, please specify :Global Head of Sustainability and Corporate Social Responsibility committee

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

Select from:

- Yes

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

Select all that apply

- Board mandate
- Individual role descriptions
- Other policy applicable to the board, please specify :Corporate Governance & Nominating Committee Charter and Corporate Governance Guidelines

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

Select from:

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

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

Select all that apply

- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets
- Approving and/or overseeing employee incentives
- Monitoring the implementation of the business strategy
- Overseeing and guiding the development of a business strategy
- Overseeing and guiding acquisitions, mergers, and divestitures
- Monitoring compliance with corporate policies and/or commitments

(4.1.2.7) Please explain

The Board oversees the management and governance of the Company. The Board, acting directly or through its committees, monitors and oversees various matters, including, overall Company performance, the integrity of the Company's financial controls, the Company's strategic plan, the Company's financial statements, the Company's management succession plan, the Company's enterprise risk management (including information technology and cybersecurity), the Company's sustainability initiatives, and the Company's ethical standards and legal compliance programs – while also selecting, evaluating and compensating a well-qualified Chief Executive Officer of high integrity, selecting individuals for Board membership and evaluating the performance of the Board and individual directors, reviewing and approving various compensation plans and executives' compensation, and reviewing and approving the Company's operating budget. The Board also has a Corporate Governance & Nominating Committee, which is comprised of solely independent directors. This committee is charged with overseeing corporate social responsibility matters, including a thorough evaluation of the Company's sustainability-related activities and practices. This encompasses environmental, social, and governance ("ESG") issues that hold significance for the Company. Additionally, the committee is responsible for periodically reviewing and assessing the Company's sustainability strategy, initiatives, and policies.

Water

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

Select all that apply

- Chief Executive Officer (CEO)
- Board-level committee
- Other, please specify :Global Head of Sustainability and Corporate Social Responsibility committee

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

Select from:

- Yes

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

Select all that apply

- Board mandate
- Individual role descriptions
- Other policy applicable to the board, please specify :Corporate Governance & Nominating Committee Charter and Corporate Governance Guidelines

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

Select from:

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

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

Select all that apply

- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets
- Approving and/or overseeing employee incentives
- Monitoring the implementation of the business strategy
- Overseeing and guiding the development of a business strategy
- Overseeing and guiding acquisitions, mergers, and divestitures
- Monitoring compliance with corporate policies and/or commitments

(4.1.2.7) Please explain

The Board oversees the management and governance of the Company. The Board, acting directly or through its committees, monitors and oversees various matters, including, overall Company performance, the integrity of the Company's financial controls, the Company's strategic plan, the Company's financial statements, the Company's management succession plan, the Company's enterprise risk management (including information technology and cybersecurity), the Company's sustainability initiatives, and the Company's ethical standards and legal compliance programs – while also selecting, evaluating and compensating a well-qualified Chief Executive Officer of high integrity, selecting individuals for Board membership and evaluating the performance of the Board and individual directors, reviewing and approving various compensation plans and executives' compensation, and reviewing and approving the Company's operating budget. The Board also has a Corporate Governance & Nominating Committee, which is comprised of solely independent directors. This committee is charged with overseeing corporate social responsibility matters, including a thorough evaluation of the Company's sustainability-related activities and practices. This encompasses environmental, social, and governance ("ESG") issues that hold significance for the Company. Additionally, the committee is responsible for periodically reviewing and assessing the Company's sustainability strategy, initiatives, and policies.

[Fixed row]

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

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:

- Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

- Consulting regularly with an internal, permanent, subject-expert working group
- Engaging regularly with external stakeholders and experts on environmental issues
- Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
- Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience

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

Water

(4.2.1) Board-level competency on this environmental issue

Select from:

- Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

- Consulting regularly with an internal, permanent, subject-expert working group
- Engaging regularly with external stakeholders and experts on environmental issues
- Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)

- Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience

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

[Fixed row]

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

| | Management-level responsibility for this environmental issue | Primary reason for no management-level responsibility for environmental issues | Explain why your organization does not have management-level responsibility for environmental issues |
|----------------|---|---|---|
| Climate change | Select from: <input checked="" type="checkbox"/> Yes | Select from: | Rich text input [must be under 2500 characters] |
| Water | Select from: <input checked="" type="checkbox"/> Yes | Select from: | Rich text input [must be under 2500 characters] |
| Biodiversity | Select from: <input checked="" type="checkbox"/> No, and we do not plan to within the next two years | Select from: <input checked="" type="checkbox"/> Other, please specify :as w | We do not have management-level oversight for biodiversity at this time because we are focused on assessing our risks and opportunities in this area. |

[Fixed row]

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

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

- Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Engagement

- Managing engagement in landscapes and/or jurisdictions

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Setting corporate environmental policies and/or commitments

Strategy and financial planning

- Developing a business strategy which considers environmental issues

Other

- Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

- Reports to the board directly

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

Select from:

- Half-yearly

(4.3.1.6) Please explain

Balchem has a cross-functional executive Steering Committee led by the Chairman, President, and Chief Executive Officer with a dedicated management team representing the entire spectrum of our business. It operates with oversight and direction from the Board, which reviews Balchem's ESG strategy, climate-related risks, opportunities, initiatives, and policies at least once a year. Our ESG commitments demand transparency and accountability, as is evident in this report.

Additionally, Balchem has a CSR team that supports the Steering Committee on our sustainability strategy by articulating these commitments and quantifying and communicating our results.

Water

(4.3.1.1) Position of individual or committee with responsibility

Executive level

- Chief Executive Officer (CEO)

(4.3.1.2) Environmental responsibilities of this position

Engagement

- Managing engagement in landscapes and/or jurisdictions

Policies, commitments, and targets

- Measuring progress towards environmental corporate targets
- Setting corporate environmental policies and/or commitments
- Setting corporate environmental targets

Strategy and financial planning

- Developing a business strategy which considers environmental issues

Other

- Providing employee incentives related to environmental performance

(4.3.1.4) Reporting line

Select from:

- Reports to the board directly

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

Select from:

- Half-yearly

(4.3.1.6) Please explain

Balchem has a cross-functional executive Steering Committee led by the Chairman, President, and Chief Executive Officer with a dedicated management team representing the entire spectrum of our business. It operates with oversight and direction from the Board, which reviews Balchem's ESG strategy, climate-related risks, opportunities, initiatives, and policies at least once a year. Our ESG commitments demand transparency and accountability, as is evident in this report. Additionally, Balchem has a CSR team that supports the Steering Committee on our sustainability strategy by articulating these commitments and quantifying and communicating our results.

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Other

- Other, please specify :Global Head of Sustainability

(4.3.1.2) Environmental responsibilities of this position

Engagement

- Managing engagement in landscapes and/or jurisdictions

Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments
- Measuring progress towards environmental corporate targets

Strategy and financial planning

- Managing environmental reporting, audit, and verification processes

(4.3.1.4) Reporting line

Select from:

- Reports to the Chief Financial Officer (CFO)

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

Select from:

- Half-yearly

(4.3.1.6) Please explain

The Global Head of Sustainability acts as the Company's chief sustainability officer. This position is responsible for overseeing the data collection and reporting processes related to sustainability efforts. They report directly to the Chief Financial Officer (CFO) and also provides regular updates on sustainability matters to both the board of directors and the CEO. This ensures that sustainability initiatives are closely aligned with the company's financial strategies and leadership priorities.

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Committee

- Corporate responsibility committee

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

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

Engagement

- Managing engagement in landscapes and/or jurisdictions
- Managing value chain engagement related to environmental issues

Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments

- Measuring progress towards environmental science-based targets

Strategy and financial planning

- Developing a business strategy which considers environmental issues

(4.3.1.4) Reporting line

Select from:

- Reports to the Chief Executive Officer (CEO)

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

Select from:

- Half-yearly

(4.3.1.6) Please explain

Balchem has a cross-functional executive Steering Committee led by the Chairman, President, and Chief Executive Officer with a dedicated management team representing the entire spectrum of our business. It operates with oversight and direction from the Board, which reviews Balchem's ESG strategy, climate-related risks, opportunities, initiatives, and policies at least once a year. Our ESG commitments demand transparency and accountability, as is evident in this report. Additionally, Balchem has a CSR team that supports the Steering Committee on our sustainability strategy by articulating these commitments and quantifying and communicating our results.

Water

(4.3.1.1) Position of individual or committee with responsibility

Other

- Other, please specify :Global Head of Sustainability

(4.3.1.2) Environmental responsibilities of this position

Engagement

- Managing engagement in landscapes and/or jurisdictions

Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments
- Measuring progress towards environmental corporate targets

Strategy and financial planning

- Managing environmental reporting, audit, and verification processes

(4.3.1.4) Reporting line

Select from:

- Reports to the Chief Financial Officer (CFO)

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

Select from:

- Half-yearly

(4.3.1.6) Please explain

The Global Head of Sustainability acts as the Company's chief sustainability officer. This position is responsible for overseeing the data collection and reporting processes related to sustainability efforts. They report directly to the Chief Financial Officer (CFO) and also provides regular updates on sustainability matters to both the board of directors and the CEO. This ensures that sustainability initiatives are closely aligned with the company's financial strategies and leadership priorities.

Water

(4.3.1.1) Position of individual or committee with responsibility

Committee

- Corporate responsibility committee

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

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

Engagement

- Managing engagement in landscapes and/or jurisdictions

Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments
- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets

Strategy and financial planning

- Developing a business strategy which considers environmental issues

(4.3.1.4) Reporting line

Select from:

- Reports to the Chief Executive Officer (CEO)

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

Select from:

- Half-yearly

(4.3.1.6) Please explain

Balchem has a cross-functional executive Steering Committee led by the Chairman, President, and Chief Executive Officer with a dedicated management team representing the entire spectrum of our business. It operates with oversight and direction from the Board, which reviews Balchem's ESG strategy, climate-related risks, opportunities, initiatives, and policies at least once a year. Our ESG commitments demand transparency and accountability, as is evident in this report.

Additionally, Balchem has a CSR team that supports the Steering Committee on our sustainability strategy by articulating these commitments and quantifying and communicating our results.

[Add row]

(4.4) Does your organization have management-level competency on environmental issues?

| | Management-level competency on this environmental issue |
|----------------|---|
| Climate change | Select from: <input checked="" type="checkbox"/> Yes |

[Fixed row]

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

Climate change

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

Select from:

Yes

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

10.00

(4.5.3) Please explain

As part of the 2022 Incentive Compensation Plan ("ICP") design and onwards, the Compensation Committee approved the inclusion of an ESG component in the ICP structure for senior management in the form of an ESG modifier of +/- 10% in an effort to drive accountability in advancing progress towards our ESG goals, including reducing greenhouse gas emissions by 25% by 2030 (from a 2020 baseline) and reducing water withdrawal by 25% by 2030 (from a 2020 baseline).

Water

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

Select from:

Yes

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

10

(4.5.3) Please explain

As part of the 2022 Incentive Compensation Plan ("ICP") design and onwards, the Compensation Committee approved the inclusion of an ESG component in the ICP structure for senior management in the form of an ESG modifier of +/- 10% in an effort to drive accountability in advancing progress towards our ESG goals, including reducing greenhouse gas emissions by 25% by 2030 (from a 2020 baseline) and reducing water withdrawal by 25% by 2030 (from a 2020 baseline).

[Fixed row]

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

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

Chief Executive Officer (CEO)

(4.5.1.2) Incentives

Select all that apply

- Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets

Emission reduction

- Reduction in emissions intensity
- Reduction in absolute emissions

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

As part of the 2022 Incentive Compensation Plan ("ICP") design, the Compensation Committee approved the inclusion of an ESG component in the ICP structure for senior management in the form of an ESG modifier of +/- 10% in an effort to drive accountability in advancing progress towards our ESG goals, including reducing greenhouse gas emissions by 25% by 2030 (from a 2020 baseline) and reducing water withdrawal by 25% by 2030 (from a 2020 baseline).

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

Achieving progress toward ESG strategic targets is a baseline expectation and the enhancement or reduction of the ICP will only be for achievement well above or below overall expected progress towards our ESG goals.

Water

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- Chief Executive Officer (CEO)

(4.5.1.2) Incentives

Select all that apply

- Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets

Emission reduction

- Reduction in absolute emissions

Resource use and efficiency

- Reduction of water withdrawals – direct operations

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

As part of the 2022 Incentive Compensation Plan ("ICP") design, the Compensation Committee approved the inclusion of an ESG component in the ICP structure for senior management in the form of an ESG modifier of +/- 10% in an effort to drive accountability in advancing progress towards our ESG goals, including reducing greenhouse gas emissions by 25% by 2030 (from a 2020 baseline) and reducing water withdrawal by 25% by 2030 (from a 2020 baseline).

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

Achieving progress toward ESG strategic targets is a baseline expectation and the enhancement or reduction of the ICP will only be for achievement well above or below overall expected progress towards our ESG goals.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- Corporate executive team

(4.5.1.2) Incentives

Select all that apply

- Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets

Emission reduction

- Reduction in emissions intensity
- Reduction in absolute emissions

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

As part of the 2022 Incentive Compensation Plan ("ICP") design and onwards, the Compensation Committee approved the inclusion of an ESG component in the ICP structure for senior management in the form of an ESG modifier of +/- 10% in an effort to drive accountability in advancing progress towards our ESG goals, including reducing greenhouse gas emissions by 25% by 2030 (from a 2020 baseline) and reducing water withdrawal by 25% by 2030 (from a 2020 baseline).

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

Achieving progress toward these strategic targets is a baseline expectation and the enhancement or reduction of the ICP will only be for achievement well above or below overall expected progress towards our ESG goals.

Water

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- Corporate executive team

(4.5.1.2) Incentives

Select all that apply

- Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets

Emission reduction

- Reduction in emissions intensity
- Reduction in absolute emissions

Resource use and efficiency

- Reduction of water withdrawals – direct operations

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

As part of the 2022 Incentive Compensation Plan ("ICP") design and onwards, the Compensation Committee approved the inclusion of an ESG component in the ICP structure for senior management in the form of an ESG modifier of +/- 10% in an effort to drive accountability in advancing progress towards our ESG goals, including reducing greenhouse gas emissions by 25% by 2030 (from a 2020 baseline) and reducing water withdrawal by 25% by 2030 (from a 2020 baseline).

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

Achieving progress toward these strategic targets is a baseline expectation and the enhancement or reduction of the ICP will only be for achievement well above or below overall expected progress towards our ESG goals.

[Add row]

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

| | |
|--|--|
| | Does your organization have any environmental policies? |
| | Select from: <input checked="" type="checkbox"/> Yes |

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply

- Climate change

(4.6.1.2) Level of coverage

Select from:

- Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

- Direct operations
- Upstream value chain

(4.6.1.4) Explain the coverage

At Balchem, we believe that protecting the environment and ensuring the health, safety and security of our employees is the right thing to do. To that end, Balchem is committed to the continuous improvement of our Environmental, Health, Safety, and Security (EHS&S) program throughout all aspects of our business. We develop and apply industry leading standards and practices that provide our employees, contractors, visitors, and neighbors a safe, secure, and responsible work environment, while striving to minimize the environmental footprint of our operations. Our EHS&S program reflects our core values and ensures the long-term sustainability of our business and our stakeholders. All employees, contractors, suppliers, vendors and others working on Balchem's behalf are expected to always do the right thing, as guided by our core values and as required by this policy. They are encouraged and expected to communicate any EHS&S concerns to enable prompt investigation and action and to understand and perform their jobs consistent with this EHS&S policy.

(4.6.1.5) Environmental policy content

Environmental commitments

- Commitment to comply with regulations and mandatory standards
- Commitment to stakeholder engagement and capacity building on environmental issues

Climate-specific commitments

- Other climate-related commitment, please specify

Water-specific commitments

- Commitment to control/reduce/eliminate water pollution
- Commitment to reduce water consumption volumes
- Other water-related commitment, please specify

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

Select all that apply

- No, but we plan to align in the next two years

(4.6.1.7) Public availability

Select from:

- Publicly available

(4.6.1.8) Attach the policy

Balchem-EHS-policy-final-8-2022 (1).pdf
[Add row]

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

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

Select from:

- Yes

(4.10.2) Collaborative framework or initiative

Select all that apply

UN Global Compact

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

Balchem is celebrating its fourth year as a member of the UN Global Compact. Balchem supports the Ten Principles of the UN Global Compact in the areas of Human Rights, Labour, Environment, and Anti-Corruption. In our annual sustainability report, we disclose our continuous efforts to integrate the Ten Principles into our business strategy, culture, and daily operations, and contribute to UN goals, particularly the Sustainable Development Goals.

[Fixed row]

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

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

Select all that apply

Not assessed

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

Select from:

No, and we do not plan to have one in the next two years

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

Select from:

Unknown

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

We have a global sustainability reporting team that ensures our goals and program objectives are communicated to various subsidiaries both national and international.
[Fixed row]

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

Row 1

(4.12.1.1) Publication

Select from:

- In voluntary sustainability reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

- Climate change
- Water

(4.12.1.4) Status of the publication

Select from:

- Complete

(4.12.1.5) Content elements

Select all that apply

- Governance
- Emissions figures
- Emission targets
- Other, please specify

(4.12.1.6) Page/section reference

Water/emissions reduction targets and progress - Pages 12, 37-39 Governance and risk management - Page 46 - 50

(4.12.1.7) Attach the relevant publication

Balchem-2023-Sustainability-Report_4.22.24_FINAL.pdf

(4.12.1.8) Comment

Rich text input [must be under 1500 characters]

[Add row]

C5. Business strategy

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

Climate change

(5.1.1) Use of scenario analysis

Select from:

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

(5.1.3) Primary reason why your organization has not used scenario analysis

Select from:

- Other, please specify

(5.1.4) Explain why your organization has not used scenario analysis

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026.

Water

(5.1.1) Use of scenario analysis

Select from:

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

(5.1.3) Primary reason why your organization has not used scenario analysis

Select from:

- Other, please specify

(5.1.4) Explain why your organization has not used scenario analysis

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses, which will be reported in 2026.

[Fixed row]

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

(5.2.1) Transition plan

Select from:

No, but we are developing a climate transition plan within the next two years

(5.2.15) Primary reason for not having a climate transition plan that aligns with a 1.5°C world

Select from:

Other, please specify

(5.2.16) Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2023 and 2024, we have planned several initiatives to meet CSRD requirements including performing a double materiality assessment to engage with our stakeholders and further identify sustainability risks and opportunities. In 2025, we will conduct a comprehensive climate risk assessment with scenario analyses with climate transition plans, which will be reported in 2026.

[Fixed row]

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

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

Select from:

We have not evaluated whether environmental risks and opportunities have affected our strategy and financial planning, but plan to do so within the next two years
[Fixed row]

(5.4) In your organization’s financial accounting, do you identify spending/revenue that is aligned with your organization’s climate transition?

| | |
|--|---|
| | Identification of spending/revenue that is aligned with your organization’s climate transition |
| | <i>Select from:</i> <input checked="" type="checkbox"/> No, but we plan to in the next two years |

[Fixed row]

(5.5) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?

(5.5.1) Investment in low-carbon R&D

Select from:

No

(5.5.2) Comment

We have not yet invested in low-carbon R&D, but it is a key focus of our upcoming climate management plan. Moving forward, we will allocate resources to develop low-carbon solutions that reduce our environmental impact and support decarbonization across our operations. We are committed to setting clear targets and will report on our progress as part of our sustainability efforts.

[Fixed row]

(5.5.3) Provide details of your organization’s investments in low-carbon R&D for chemical production activities over the last three years.

Row 2

(5.5.3.1) Technology area

Select from:

- Product redesign

Row 3

(5.5.3.1) Technology area

Select from:

- Radical process redesign

Row 4

(5.5.3.1) Technology area

Select from:

- Product redesign

[Add row]

(5.9) What is the trend in your organization’s water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

(5.9.1) Water-related CAPEX (+/- % change)

(5.9.2) Anticipated forward trend for CAPEX (+/- % change)

0

(5.9.3) Water-related OPEX (+/- % change)

0

(5.9.4) Anticipated forward trend for OPEX (+/- % change)

0

(5.9.5) Please explain

*We continue to invest in water usage reduction technologies. Our related CAPEX is likely to grow year over year as we invest in water saving technology and assets.
[Fixed row]*

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

(5.10.1) Use of internal pricing of environmental externalities

Select from:

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

(5.10.3) Primary reason for not pricing environmental externalities

Select from:

No standardized procedure

(5.10.4) Explain why your organization does not price environmental externalities

*We do not currently have a price on environmental externalities because of the complexity involved in accurately measuring and implementing such a system. Assessing the full environmental impact across our operations requires further development of the necessary tools and frameworks. However, we recognize its importance and are exploring ways to incorporate this approach into our future sustainability efforts.
[Fixed row]*

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

Suppliers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

Yes

(5.11.2) Environmental issues covered

Select all that apply

Climate change

Customers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

Yes

(5.11.2) Environmental issues covered

Select all that apply

Climate change

Investors and shareholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

Yes

(5.11.2) Environmental issues covered

Select all that apply

Climate change

Other value chain stakeholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

No, but we plan to within the next two years

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:

Other, please specify

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

In addition to the external stakeholders noted above, we will also engage with internal stakeholders as part of the double materiality assessment being performed in 2024.

[Fixed row]

(5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

| | |
|----------------|---|
| | Assessment of supplier dependencies and/or impacts on the environment |
| Climate change | Select from: |

| | |
|--|---|
| | Assessment of supplier dependencies and/or impacts on the environment |
| | <input checked="" type="checkbox"/> No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years |

[Fixed row]

(5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

No, we do not prioritize which suppliers to engage with on this environmental issue

(5.11.2.3) Primary reason for no supplier prioritization on this environmental issue

Select from:

We engage with all suppliers

(5.11.2.4) Please explain

We engage with suppliers as requested.

[Fixed row]

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

| | Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process | Policy in place for addressing supplier non-compliance |
|----------------|---|---|
| Climate change | <i>Select from:</i> <input checked="" type="checkbox"/> No, and we do not plan to introduce environmental requirements related to this environmental issue within the next two years | <i>Select from:</i> <input checked="" type="checkbox"/> No, we do not have a policy in place for addressing non-compliance |

[Fixed row]

(5.11.7) Provide further details of your organization’s supplier engagement on environmental issues.

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

- Adaptation to climate change

(5.11.7.3) Type and details of engagement

Capacity building

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

[Add row]

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

| | Type of stakeholder | Type and details of engagement |
|----------------|---|--|
| Climate change | <i>Select from:</i> <input checked="" type="checkbox"/> Investors and shareholders | Education/Information sharing <input checked="" type="checkbox"/> Educate and work with stakeholders on understanding and measuring exposure to environmental risks <input checked="" type="checkbox"/> Share information about your products and relevant certification schemes <input checked="" type="checkbox"/> Share information on environmental initiatives, progress and achievements |

[Add row]

(5.12) Indicate any mutually beneficial environmental initiatives you could collaborate on with specific CDP Supply Chain members.

| | Requesting member | Environmental issues the initiative relates to |
|-------|---------------------|--|
| Row 1 | <i>Select from:</i> | <i>Select all that apply</i> <input checked="" type="checkbox"/> Climate change |
| Row 2 | <i>Select from:</i> | <i>Select all that apply</i> <input checked="" type="checkbox"/> Climate change |

[Add row]

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

| | Environmental initiatives implemented due to CDP Supply Chain member engagement | Primary reason for not implementing environmental initiatives |
|--|---|--|
| | <i>Select from:</i> <input checked="" type="checkbox"/> No, but we plan to within the next two years | <i>Select from:</i> <input checked="" type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size) |

[Fixed row]

C6. Environmental Performance - Consolidation Approach

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

Climate change

(6.1.1) Consolidation approach used

Select from:

Operational control

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

We use the consolidation approach for calculating environmental performance data to ensure a consistent, comprehensive, and comparable measurement of an organization's environmental impact. This method aligns with standard accounting principles and helps businesses track and report their performance more accurately.

Water

(6.1.1) Consolidation approach used

Select from:

Operational control

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

We use the consolidation approach for calculating environmental performance data to ensure a consistent, comprehensive, and comparable measurement of an organization's environmental impact. This method aligns with standard accounting principles and helps businesses track and report their performance more accurately.

Plastics

(6.1.1) Consolidation approach used

Select from:

Other, please specify :Not yet collecting data on this issue

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

We are not yet collecting data on this issue.

Biodiversity

(6.1.1) Consolidation approach used

Select from:

Other, please specify :Not yet collecting data on this issue

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

We are not yet collecting data on this issue.

[Fixed row]

C7. Environmental performance - Climate Change

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

| | |
|--|---|
| | Has there been a structural change? |
| | Select all that apply <input checked="" type="checkbox"/> No |

[Fixed row]

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

| | |
|--|---|
| | Change(s) in methodology, boundary, and/or reporting year definition? |
| | Select all that apply <input checked="" type="checkbox"/> No |

[Fixed row]

(7.1.3) Have your organization's base year emissions and past years' emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?

| | |
|--|---|
| | Base year recalculation |
| | Select from: <input checked="" type="checkbox"/> Yes |

[Fixed row]

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

| | Scope 2, location-based | Scope 2, market-based | Comment |
|--|---|---|---|
| | Select from: <input checked="" type="checkbox"/> We are reporting a Scope 2, location-based figure | Select from: <input checked="" type="checkbox"/> We are reporting a Scope 2, market-based figure | Rich text input [must be under 2400 characters] |

[Fixed row]

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

Scope 1

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO2e)

49284.700

(7.5.3) Methodological details

We calculate our Scope 1 emissions in accordance with the GHG Protocol. This involves identifying all direct emission sources, such as the combustion of fossil fuels in our operations and collecting relevant data. We use emission factors from IPCC guidelines to calculate the final emissions data.

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO₂e)

27517.900

(7.5.3) Methodological details

We calculate our Scope 2 emissions in accordance with the GHG Protocol. This involves identifying all electricity consumed by our organization and collecting relevant data. We use emission factors from governmental reports to calculate the final emissions data.

Scope 2 (market-based)

(7.5.1) Base year end

12/31/2020

(7.5.2) Base year emissions (metric tons CO₂e)

27517.900

(7.5.3) Methodological details

Our Scope 2 market-based emissions follow the same approach as location-based emissions except this includes factoring in our Renewable Energy Certificates that we purchase.

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

431086.960

(7.5.3) Methodological details

This value is calculated using the best available data. If product weight data is available, it will be used; otherwise, spend data will be utilized. Currently, we haven't received emissions factors from suppliers, so none of the emissions are calculated using data from suppliers or value chain partners.

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

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

11850.330

(7.5.3) Methodological details

We are calculating this by looking at total energy consumption and applying emissions factors to determine the total scope 3 emissions in this category.

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

Date input

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

Date input

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

2978.210

(7.5.3) Methodological details

This value is calculated using the data from business travel expense reports. This includes details about flights taken, rental car usage, hotel stays and other travel expense.

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2022

(7.5.2) Base year emissions (metric tons CO2e)

3233.540

(7.5.3) Methodological details

This value is calculated based on average distance from sites, type of vehicle, and number of days commuting by location.

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

Date input

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

Date input

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

Date input

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

Date input

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

(7.5.1) Base year end

Date input

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

Date input

Scope 3 category 14: Franchises

(7.5.1) Base year end

Date input

Scope 3 category 15: Investments

(7.5.1) Base year end

Date input

Scope 3: Other (upstream)

(7.5.1) Base year end

Date input

Scope 3: Other (downstream)

(7.5.1) Base year end

Date input

[Fixed row]

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

Reporting year

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

46981.200

(7.6.3) Methodological details

We calculate our Scope 1 emissions in accordance with the GHG Protocol. This involves identifying all direct emission sources, such as the combustion of fossil fuels in our operations and collecting relevant data. We use emission factors from IPCC guidelines to calculate the final emissions data

Past year 1

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

49577.000

(7.6.2) End date

12/31/2022

(7.6.3) Methodological details

We calculate our Scope 1 emissions in accordance with the GHG Protocol. This involves identifying all direct emission sources, such as the combustion of fossil fuels in our operations and collecting relevant data. We use emission factors from IPCC guidelines to calculate the final emissions data

Past year 2

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

51876.000

(7.6.2) End date

12/31/2021

(7.6.3) Methodological details

We calculate our Scope 1 emissions in accordance with the GHG Protocol. This involves identifying all direct emission sources, such as the combustion of fossil fuels in our operations and collecting relevant data. We use emission factors from IPCC guidelines to calculate the final emissions data

Past year 3

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

49284.700

(7.6.2) End date

(7.6.3) Methodological details

We calculate our Scope 1 emissions in accordance with the GHG Protocol. This involves identifying all direct emission sources, such as the combustion of fossil fuels in our operations and collecting relevant data. We use emission factors from IPCC guidelines to calculate the final emissions data
[Fixed row]

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

Reporting year

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

23719.140

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

5571

(7.7.4) Methodological details

We calculate our Scope 2 emissions in accordance with the GHG Protocol. This involves identifying all electricity consumed by our organization and collecting relevant data. We use emission factors from governmental reports to calculate the final emissions data. Our Scope 2 market-based emissions follow the same approach as location-based emissions except this includes factoring in our Renewable Energy Certificates that we purchase

Past year 1

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

25633.000

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

6661

(7.7.3) End date

12/31/2022

(7.7.4) Methodological details

We calculate our Scope 2 emissions in accordance with the GHG Protocol. This involves identifying all electricity consumed by our organization and collecting relevant data. We use emission factors from governmental reports to calculate the final emissions data. Our Scope 2 market-based emissions follow the same approach as location-based emissions except this includes factoring in our Renewable Energy Certificates that we purchase.

Past year 2

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

25404.700

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

25404.7

(7.7.3) End date

12/31/2021

(7.7.4) Methodological details

We calculate our Scope 2 emissions in accordance with the GHG Protocol. This involves identifying all electricity consumed by our organization and collecting relevant data. We use emission factors from governmental reports to calculate the final emissions data. Our Scope 2 market-based emissions follow the same approach as location-based emissions except this includes factoring in our Renewable Energy Certificates that we purchase

Past year 3

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

27517.910

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

27517.910

(7.7.3) End date

12/31/2020

(7.7.4) Methodological details

We calculate our Scope 2 emissions in accordance with the GHG Protocol. This involves identifying all electricity consumed by our organization and collecting relevant data. We use emission factors from governmental reports to calculate the final emissions data. Our Scope 2 market-based emissions follow the same approach as location-based emissions except this includes factoring in our Renewable Energy Certificates that we purchase [Fixed row]

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

Purchased goods and services

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

425648.070

(7.8.3) Emissions calculation methodology

Select all that apply

Hybrid method

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

0.00

(7.8.5) Please explain

This value is calculated using the best available data. If product weight data is available, it will be used; otherwise, spend data will be utilized. Currently, we haven't received emissions factors from suppliers, so none of the emissions are calculated using data obtained from suppliers or value chain partners.

Capital goods

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

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

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

15611.320

(7.8.3) Emissions calculation methodology

Select all that apply

Hybrid method

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

0.00

(7.8.5) Please explain

We are calculating this by looking at total energy consumption and applying emissions factors to determine the total scope 3 emissions in this category.

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

Business travel

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

4245.790

(7.8.3) Emissions calculation methodology

Select all that apply

Hybrid method

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

0.00

(7.8.5) Please explain

This value is calculated using the data from business travel expense reports. This includes details about flights taken, rental car usage, hotel stays and other travel expense.

Employee commuting

(7.8.1) Evaluation status

Select from:

Relevant, calculated

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

3104.410

(7.8.3) Emissions calculation methodology

Select all that apply

Distance-based method

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

0.00

(7.8.5) Please explain

This value is calculated based on average distance from sites, type of vehicle, and number of days commuting by location.

Upstream leased assets

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

Processing of sold products

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

Use of sold products

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

Downstream leased assets

(7.8.1) Evaluation status

Select from:

Relevant, not yet calculated

(7.8.5) Please explain

We are currently in the process of calculating this Scope 3 area.

Franchises

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

This category is not relevant since we are not involved with any franchises or own any franchisees.

Investments

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

We have a joint venture with one manufacturing facility; however, their emissions are included in our scope 2 emissions based on our consolidation approach.

Other (upstream)

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

Not relevant to our operations.

Other (downstream)

(7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

(7.8.5) Please explain

Not relevant to our operations.

[Fixed row]

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

Past year 1

(7.8.1.1) End date

12/31/2022

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

431085.960

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

11850.330

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

2978.210

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

3232.540

[Fixed row]

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

| | Verification/assurance status |
|--|--|
| Scope 1 | Select from: <input checked="" type="checkbox"/> No third-party verification or assurance |
| Scope 2 (location-based or market-based) | Select from: <input checked="" type="checkbox"/> No third-party verification or assurance |
| Scope 3 | Select from: <input checked="" type="checkbox"/> No third-party verification or assurance |

[Fixed row]

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

Change in renewable energy consumption

(7.10.1.1) Change in emissions (metric tons CO2e)

824.000

(7.10.1.2) Direction of change in emissions

Select from:

Increased

(7.10.1.3) Emissions value (percentage)

1.4700

(7.10.1.4) Please explain calculation

Purchasing RECs in 2023 reduced emissions output by 18,148. This was 824 Tons of CO2e less than the emissions avoided in 2022. When compared to the total CO2e in 2022 (56,238) this gives the Emissions Value Percentage of 1.47%

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

37.000

(7.10.1.2) Direction of change in emissions

Select from:

Decreased

(7.10.1.3) Emissions value (percentage)

0.0700

(7.10.1.4) Please explain calculation

Includes the estimated theoretical reductions to our CO2 emissions given from our non REC initiatives.

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

0.000

(7.10.1.2) Direction of change in emissions

Select from:

No change

(7.10.1.3) Emissions value (percentage)

0.0000

(7.10.1.4) Please explain calculation

No divestments took place this year.

Acquisitions

(7.10.1.1) Change in emissions (metric tons CO2e)

894.000

(7.10.1.2) Direction of change in emissions

Select from:

Increased

(7.10.1.3) Emissions value (percentage)

1.5900

(7.10.1.4) Please explain calculation

In reporting Year 2023 we began accounting for Sites that were acquired in 2022. These sites added 894 tons of CO2e in Scopes 1 and 2. When compared to the 56,238 Tons emitted in 2022 this accounted for an Emissions value of 1.59%

Mergers

(7.10.1.1) Change in emissions (metric tons CO2e)

0.000

(7.10.1.2) Direction of change in emissions

Select from:

No change

(7.10.1.3) Emissions value (percentage)

0.0000

(7.10.1.4) Please explain calculation

No mergers took place this year.

Change in output

(7.10.1.1) Change in emissions (metric tons CO2e)

5367.000

(7.10.1.2) Direction of change in emissions

Select from:

Decreased

(7.10.1.3) Emissions value (percentage)

9.5400

(7.10.1.4) Please explain calculation

We are accounting for the remaining difference between 2023 and 2022 as difference in production output.

Change in methodology

(7.10.1.1) Change in emissions (metric tons CO2e)

0.000

(7.10.1.2) Direction of change in emissions

Select from:

No change

(7.10.1.3) Emissions value (percentage)

0.0000

(7.10.1.4) Please explain calculation

There has been no change in our methodology

Change in boundary

(7.10.1.1) Change in emissions (metric tons CO2e)

0.000

(7.10.1.2) Direction of change in emissions

Select from:

No change

(7.10.1.3) Emissions value (percentage)

0.0000

(7.10.1.4) Please explain calculation

There has been no change in our reporting boundary other than the acquisitions from 2022.

Change in physical operating conditions

(7.10.1.1) Change in emissions (metric tons CO2e)

0.000

(7.10.1.2) Direction of change in emissions

Select from:

No change

(7.10.1.3) Emissions value (percentage)

0.0000

(7.10.1.4) Please explain calculation

There has been no significant change in our physical operating conditions.

Unidentified

(7.10.1.1) Change in emissions (metric tons CO2e)

0.000

(7.10.1.2) Direction of change in emissions

Select from:

No change

(7.10.1.3) Emissions value (percentage)

0.0000

(7.10.1.4) Please explain calculation

There has been no significant change in our physical operating conditions.

Other

(7.10.1.1) Change in emissions (metric tons CO2e)

0.000

(7.10.1.2) Direction of change in emissions

Select from:

No change

(7.10.1.3) Emissions value (percentage)

0.0000

(7.10.1.4) Please explain calculation

No other changes noted.

[Fixed row]

(7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

Row 1

(7.15.1.1) Greenhouse gas

Select from:

CO2

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

46927.620

(7.15.1.3) GWP Reference

Select from:

- IPCC Fourth Assessment Report (AR4 - 100 year)

Row 2

(7.15.1.1) Greenhouse gas

Select from:

- CH4

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

23.320

(7.15.1.3) GWP Reference

Select from:

- IPCC Fourth Assessment Report (AR4 - 100 year)

Row 3

(7.15.1.1) Greenhouse gas

Select from:

- N2O

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

30.290

(7.15.1.3) GWP Reference

Select from:

IPCC Fourth Assessment Report (AR4 - 100 year)

[Add row]

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

Belgium

(7.16.1) Scope 1 emissions (metric tons CO₂e)

185.16

(7.16.2) Scope 2, location-based (metric tons CO₂e)

72.42

(7.16.3) Scope 2, market-based (metric tons CO₂e)

35.7

Canada

(7.16.1) Scope 1 emissions (metric tons CO₂e)

27.5

(7.16.2) Scope 2, location-based (metric tons CO₂e)

1.63

(7.16.3) Scope 2, market-based (metric tons CO₂e)

1.63

Germany

(7.16.1) Scope 1 emissions (metric tons CO2e)

24.71

(7.16.2) Scope 2, location-based (metric tons CO2e)

2.72

(7.16.3) Scope 2, market-based (metric tons CO2e)

2.72

Italy

(7.16.1) Scope 1 emissions (metric tons CO2e)

12459.66

(7.16.2) Scope 2, location-based (metric tons CO2e)

1219.63

(7.16.3) Scope 2, market-based (metric tons CO2e)

1219.63

Malaysia

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

28.18

(7.16.3) Scope 2, market-based (metric tons CO2e)

28.18

Norway

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

86.64

(7.16.3) Scope 2, market-based (metric tons CO2e)

86.64

United States of America

(7.16.1) Scope 1 emissions (metric tons CO2e)

34284.210

(7.16.2) Scope 2, location-based (metric tons CO2e)

22307.920

(7.16.3) Scope 2, market-based (metric tons CO2e)

4196.360
[Fixed row]

(7.17.2) Break down your total gross global Scope 1 emissions by business facility.

Row 1

(7.17.2.1) Facility

Albert Lea

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1954.110

(7.17.2.3) Latitude

43.681110

(7.17.2.4) Longitude

-93.346380

Row 2

(7.17.2.1) Facility

Bertinoro

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

268.790

(7.17.2.3) Latitude

44.172420

(7.17.2.4) Longitude

12.168680

Row 3

(7.17.2.1) Facility

Bridgeton

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

739.800

(7.17.2.3) Latitude

38.781650

(7.17.2.4) Longitude

-90.445970

Row 4

(7.17.2.1) Facility

Covington

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

856.380

(7.17.2.3) Latitude

37.796790

(7.17.2.4) Longitude

-79.894550

Row 5

(7.17.2.1) Facility

Defiance

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

3806.190

(7.17.2.3) Latitude

41.290520

(7.17.2.4) Longitude

-84.361710

Row 6

(7.17.2.1) Facility

Faribault

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1612.670

(7.17.2.3) Latitude

44.322960

(7.17.2.4) Longitude

-93.298490

Row 7

(7.17.2.1) Facility

Green Pond

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

8.650

(7.17.2.3) Latitude

32.744330

(7.17.2.4) Longitude

-80.545380

Row 8

(7.17.2.1) Facility

Grimbergen

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

185.160

(7.17.2.3) Latitude

50.939480

(7.17.2.4) Longitude

4.414460

Row 9

(7.17.2.1) Facility

Kuala Lumpur

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

0.000

(7.17.2.3) Latitude

3.095850

(7.17.2.4) Longitude

101.400370

Row 10

(7.17.2.1) Facility

Lincoln

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2071.840

(7.17.2.3) Latitude

40.858590

(7.17.2.4) Longitude

-96.775770

Row 11

(7.17.2.1) Facility

Marano

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

12190.870

(7.17.2.3) Latitude

45.625520

(7.17.2.4) Longitude

8.660870

Row 12

(7.17.2.1) Facility

Marshfield

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

5357.200

(7.17.2.3) Latitude

44.666880

(7.17.2.4) Longitude

-90.170520

Row 13

(7.17.2.1) Facility

Ogden Liquids Plant

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

59.480

(7.17.2.3) Latitude

41.224000

(7.17.2.4) Longitude

-111.990490

Row 14

(7.17.2.1) Facility

Ogden Human and Ogden Central Warehouse

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2238.470

(7.17.2.3) Latitude

41.214900

(7.17.2.4) Longitude

-112.021740

Row 15

(7.17.2.1) Facility

Salt Lake City

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

255.260

(7.17.2.3) Latitude

40.735740

(7.17.2.4) Longitude

-111.931200

Row 16

(7.17.2.1) Facility

Slate Hill

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1222.370

(7.17.2.3) Latitude

41.391100

(7.17.2.4) Longitude

-74.476360

Row 17

(7.17.2.1) Facility

Sleepy Eye

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

3126.900

(7.17.2.3) Latitude

44.297100

(7.17.2.4) Longitude

-94.726210

Row 18

(7.17.2.1) Facility

St. Gabriel

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1058.580

(7.17.2.3) Latitude

30.249220

(7.17.2.4) Longitude

-91.088310

Row 19

(7.17.2.1) Facility

Verona

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

8338.590

(7.17.2.3) Latitude

36.964020

(7.17.2.4) Longitude

-93.798630

Row 20

(7.17.2.1) Facility

Whittemore

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

881.110

(7.17.2.3) Latitude

43.063510

(7.17.2.4) Longitude

-94.424060

Row 21

(7.17.2.1) Facility

New Hampton

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

229.890

(7.17.2.3) Latitude

41.418430

(7.17.2.4) Longitude

-74.424220

Row 22

(7.17.2.1) Facility

Morrisburg

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

27.500

(7.17.2.3) Latitude

44.909840

(7.17.2.4) Longitude

-75.178030

Row 23

(7.17.2.1) Facility

Hamburg

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

24.710

(7.17.2.3) Latitude

53.557720

(7.17.2.4) Longitude

9.907980

Row 24

(7.17.2.1) Facility

Oslo

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

0.000

(7.17.2.3) Latitude

59.926910

(7.17.2.4) Longitude

10.651340

Row 25

(7.17.2.1) Facility

Vancouver

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

466.740

(7.17.2.3) Latitude

45.627560

(7.17.2.4) Longitude

-122.682190

Row 26

(7.17.2.1) Facility

Griini

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

0.000

(7.17.2.3) Latitude

59.946938

(7.17.2.4) Longitude

10.597563

[Add row]

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

| | Gross Scope 1 emissions, metric tons CO2e | Comment |
|---------------------------------|---|---|
| Chemicals production activities | 46981.230 | All scope 1 emissions relate to chemical production activities. |

[Fixed row]

(7.20.2) Break down your total gross global Scope 2 emissions by business facility.

Row 1

(7.20.2.1) Facility

Albert Lea

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

1293.240

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0.000

Row 2

(7.20.2.1) Facility

Bertinoro

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

654.650

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

654.650

Row 3

(7.20.2.1) Facility

Bridgeton

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

1855.420

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0.000

Row 4

(7.20.2.1) Facility

Covington

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

591.880

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

451.790

Row 5

(7.20.2.1) Facility

Defiance

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

1966.440

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0.000

Row 6

(7.20.2.1) Facility

Faribault

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

2222.200

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0.000

Row 7

(7.20.2.1) Facility

Green Pond

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

142.500

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

111.400

Row 8

(7.20.2.1) Facility

Grimbergen

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

72.420

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

35.700

Row 9

(7.20.2.1) Facility

Kuala Lumpur

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

28.180

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

28.180

Row 10

(7.20.2.1) Facility

Lincoln

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

2010.360

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

480.910

Row 11

(7.20.2.1) Facility

Marano

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

564.980

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

564.980

Row 12

(7.20.2.1) Facility

Marshfield

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

3351.630

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0.000

Row 13

(7.20.2.1) Facility

Ogden Liquids Plant

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

39.670

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

39.670

Row 14

(7.20.2.1) Facility

Ogden Human and Ogden Central Warehouse

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

865.940

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

817.370

Row 15

(7.20.2.1) Facility

Salt Lake City

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

287.160

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

287.160

Row 16

(7.20.2.1) Facility

Slate Hill

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

198.300

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

198.300

Row 17

(7.20.2.1) Facility

Sleepy Eye

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

837.380

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0.000

Row 18

(7.20.2.1) Facility

St. Gabriel

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

1026.610

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

623.070

Row 19

(7.20.2.1) Facility

Verona

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

5084.010

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

834.660

Row 20

(7.20.2.1) Facility

Whittemore

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

183.160

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0.000

Row 21

(7.20.2.1) Facility

New Hampton

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

37.910

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

37.910

Row 22

(7.20.2.1) Facility

Morrisburg

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

1.630

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

1.630

Row 23

(7.20.2.1) Facility

Hamburg

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

2.720

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

2.720

Row 24

(7.20.2.1) Facility

Oslo

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

86.640

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

86.640

Row 25

(7.20.2.1) Facility

Vancouver

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

314.110

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

314.110

Row 26

(7.20.2.1) Facility

Griini

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

0.000

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0.000

[Add row]

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

| | Scope 2, location-based, metric tons CO2e | Scope 2, market-based (if applicable), metric tons CO2e | Comment |
|---------------------------------|---|---|---|
| Chemicals production activities | 23719.000 | 5571.000 | All scope 2 emissions relate to chemical production activities. |

[Fixed row]

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

Consolidated accounting group

(7.22.1) Scope 1 emissions (metric tons CO2e)

46981.000

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

23719.000

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

5571.000

(7.22.4) Please explain

All entities are consolidated at the parent level.

All other entities

(7.22.1) Scope 1 emissions (metric tons CO2e)

0.000

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

0.000

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

0.000

(7.22.4) Please explain

All subsidiaries are fully consolidated.

[Fixed row]

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

Row 1

(7.23.1.1) Subsidiary name

Aberco Inc.

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0.000

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

0.000

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

0.000

Row 2

(7.23.1.1) Subsidiary name

Albion Laboratories, Inc.

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

3645.790

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

1402.870

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

1171.160

(7.23.1.15) Comment

Albion Laboratories Inc. is a major producer of patented amino acid chelated minerals used to benefit plants, animals, and humans.

Row 3

(7.23.1.1) Subsidiary name

Balchem BV

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

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

0

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

0

Row 4

(7.23.1.1) Subsidiary name

Balchem Italia Srl

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

12459.660

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

1219.630

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

1219.630

Row 5

(7.23.1.1) Subsidiary name

Balchem Ltd.

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

27.500

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

1.630

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

1.630

Row 6

(7.23.1.1) Subsidiary name

Balchem Pty Ltd.

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

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

0

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

0

Row 7

(7.23.1.1) Subsidiary name

Balchem Sdn Bhd

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

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

28.177

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

28.177

Row 8

(7.23.1.1) Subsidiary name

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

9397.166

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

6110.617

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

1457.732

Row 9

(7.23.1.1) Subsidiary name

Kappa Bioscience AS

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

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

86.642

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

86.642

(7.23.1.15) Comment

Kappa Bioscience AS, a leading science-based manufacturer of specialty vitamin K2 for the human nutrition industry

Row 10

(7.23.1.1) Subsidiary name

Kappa Bioscience Europe GmbH

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

27.709

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

2.724

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

2.724

Row 11

(7.23.1.1) Subsidiary name

Kappa Solutions AS

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

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

0

Row 12

(7.23.1.1) Subsidiary name

Balchem NV

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

185.156

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

72.417

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

35.705

Row 13

(7.23.1.1) Subsidiary name

Kechu BidCo AS

(7.23.1.2) Primary activity

Select from:

- Specialty chemicals

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

Select all that apply

- No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

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

0

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

0

Row 14

(7.23.1.1) Subsidiary name

SensoryEffects, Inc.

(7.23.1.2) Primary activity

Select from:

- Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

16596.87

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

11526.32

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

0.001

Row 15

(7.23.1.1) Subsidiary name

SensoryEffects Cereal Systems, Inc.

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

2071.837

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

2010.36

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

480.913

Row 16

(7.23.1.1) Subsidiary name

Stereo Gas Phillipines Inc.

(7.23.1.2) Primary activity

Select from:

Specialty chemicals

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

Select all that apply

No unique identifier

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

0

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

0

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

0

[Add row]

(7.25) Disclose the percentage of your organization's Scope 3, Category 1 emissions by purchased chemical feedstock.

Row 1

(7.25.1) Purchased feedstock

Select from:

Other (please specify)

(7.25.2) Percentage of Scope 3, Category 1 tCO2e from purchased feedstock

40.00

(7.25.3) Explain calculation methodology

This percentage represents the portion of our Scope 3 Category 1 Emissions calculated via a hybrid method of material that is labeled as Chemicals compared to our total calculated for Scope 3 Category 1.

[Add row]

(7.25.1) Disclose sales of products that are greenhouse gases.

Carbon dioxide (CO2)

(7.25.1.2) Comment

We do not have this level of detail available yet.

Methane (CH4)

(7.25.1.2) Comment

We do not have this level of detail available yet.

Nitrous oxide (N2O)

(7.25.1.1) Sales, metric tons

`Numeric input

(7.25.1.2) Comment

We do not have this level of detail available yet.

Hydrofluorocarbons (HFC)

(7.25.1.1) Sales, metric tons

`Numeric input

(7.25.1.2) Comment

We do not have this level of detail available yet.

Perfluorocarbons (PFC)

(7.25.1.1) Sales, metric tons

`Numeric input

(7.25.1.2) Comment

We do not have this level of detail available yet.

Sulphur hexafluoride (SF6)

(7.25.1.2) Comment

We do not have this level of detail available yet.

Nitrogen trifluoride (NF3)

(7.25.1.2) Comment

*We do not have this level of detail available yet.
[Fixed row]*

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

Row 1

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

Scope 1

(7.26.4) Allocation level

Select from:

Facility

(7.26.5) Allocation level detail

Slate Hill

(7.26.6) Allocation method

Select from:

Allocation based on the volume of products purchased

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

Select from:

Pounds (lb)

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

84660

(7.26.9) Emissions in metric tonnes of CO₂e

11.28

(7.26.10) Uncertainty (±%)

5

(7.26.12) Allocation verified by a third party?

Select from:

No

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

N/A

Row 2

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

Scope 2: market-based

(7.26.4) Allocation level

Select from:

Facility

(7.26.5) Allocation level detail

Slate Hill

(7.26.6) Allocation method

Select from:

Allocation based on the volume of products purchased

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

Select from:

Pounds (lb)

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

84660

(7.26.9) Emissions in metric tonnes of CO₂e

1.87

(7.26.10) Uncertainty (±%)

5

(7.26.11) Major sources of emissions

Our scope 2 emissions are market based and net of Green E Certificates (in USA).

(7.26.12) Allocation verified by a third party?

Select from:

No

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

Our scope 2 emissions are market based and net of Green E Certificates (in USA).

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

N/A

Row 3

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

Scope 3

(7.26.3) Scope 3 category(ies)

Select all that apply

Category 1: Purchased goods and services

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

(7.26.4) Allocation level

Select from:

Facility

(7.26.5) Allocation level detail

Slate Hill

(7.26.6) Allocation method

Select from:

Allocation based on the volume of products purchased

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

Select from:

Pounds (lb)

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

84660

(7.26.9) Emissions in metric tonnes of CO₂e

178.96

(7.26.10) Uncertainty (±%)

5

(7.26.11) Major sources of emissions

Scope 3 emissions are based on purchased goods and services, fuel and energy related activities, business travel, and employee commuting. At this time, we have incomplete data for several downstream categories.

(7.26.12) Allocation verified by a third party?

Select from:

No

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

Scope 3 emissions are based on purchased goods and services, fuel and energy related activities, business travel, and employee commuting. At this time, we have incomplete data for several downstream categories.

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

N/A

Row 4

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

Scope 1

(7.26.4) Allocation level

Select from:

Facility

(7.26.5) Allocation level detail

Defiance and Albert Lea

(7.26.6) Allocation method

Select from:

Allocation based on the volume of products purchased

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

Select from:

Pounds (lb)

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

62650

(7.26.9) Emissions in metric tonnes of CO₂e

8.23

(7.26.10) Uncertainty (±%)

5

(7.26.12) Allocation verified by a third party?

Select from:

No

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

N/A

Row 5

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

Scope 3

(7.26.3) Scope 3 category(ies)

Select all that apply

Category 1: Purchased goods and services

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

(7.26.4) Allocation level

Select from:

Facility

(7.26.5) Allocation level detail

Defiance and Albert Lea

(7.26.6) Allocation method

Select from:

Allocation based on the volume of products purchased

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

Select from:

Pounds (lb)

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

62650

(7.26.9) Emissions in metric tonnes of CO₂e

4.57

(7.26.10) Uncertainty ($\pm\%$)

5

(7.26.11) Major sources of emissions

Scope 3 emissions are based on purchased goods and services, fuel and energy related activities, business travel, and employee commuting. At this time, we have incomplete data for several downstream categories.

(7.26.12) Allocation verified by a third party?

Select from:

No

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

Scope 3 emissions are based on purchased goods and services, fuel and energy related activities, business travel, and employee commuting. At this time, we have incomplete data for several downstream categories.

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

N/A

[Add row]

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

Row 1

(7.27.1) Allocation challenges

Select from:

We face no challenges

[Add row]

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

| | Do you plan to develop your capabilities to allocate emissions to your customers in the future? | Describe how you plan to develop your capabilities |
|--|---|---|
| | Select from: <input checked="" type="checkbox"/> Yes | <i>As we further refine scope 3 reporting and management process, we will begin to review best practices for allocating emissions to our customers.</i> |

[Fixed row]

(7.30) Select which energy-related activities your organization has undertaken.

| | Indicate whether your organization undertook this energy-related activity in the reporting year |
|--|---|
| Consumption of fuel (excluding feedstocks) | Select from: <input checked="" type="checkbox"/> Yes |
| Consumption of purchased or acquired electricity | Select from: <input checked="" type="checkbox"/> Yes |
| Consumption of purchased or acquired heat | Select from: <input checked="" type="checkbox"/> No |
| Consumption of purchased or acquired steam | Select from: <input checked="" type="checkbox"/> No |
| Consumption of purchased or acquired cooling | Select from: |

| | |
|--|---|
| | Indicate whether your organization undertook this energy-related activity in the reporting year |
| | <input checked="" type="checkbox"/> No |
| Generation of electricity, heat, steam, or cooling | Select from: <input checked="" type="checkbox"/> Yes |

[Fixed row]

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

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:

HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

0.00

(7.30.1.3) MWh from non-renewable sources

256582.00

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

256582.00

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:

HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

43270.00

(7.30.1.3) MWh from non-renewable sources

18047.00

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

61318.00

Consumption of self-generated non-fuel renewable energy

(7.30.1.1) Heating value

Select from:

HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

18.00

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

18.00

Total energy consumption

(7.30.1.1) Heating value

Select from:

HHV (higher heating value)

(7.30.1.2) MWh from renewable sources

43289.00

(7.30.1.3) MWh from non-renewable sources

274629.00

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

317918.00

[Fixed row]

(7.30.3) Report your organization's energy consumption totals (excluding feedstocks) for chemical production activities in MWh.

Consumption of fuel (excluding feedstocks)

(7.30.3.1) Heating value

Select from:

HHV (higher heating value)

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

0.00

(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

256582.00

(7.30.3.4) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary

0.00

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

256582.00

Consumption of purchased or acquired electricity

(7.30.3.1) Heating value

Select from:

HHV (higher heating value)

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

43270.00

(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

18047.00

(7.30.3.4) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary

0.00

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

61318.00

Consumption of self-generated non-fuel renewable energy

(7.30.3.1) Heating value

Select from:

HHV (higher heating value)

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

18.00

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

18.00

Total energy consumption

(7.30.3.1) Heating value

Select from:

HHV (higher heating value)

(7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

43289.00

(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

274629.00

(7.30.3.4) MWh consumed from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary

0.00

(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary

317918.00

[Fixed row]

(7.30.6) Select the applications of your organization's consumption of fuel.

| | Indicate whether your organization undertakes this fuel application |
|---|---|
| Consumption of fuel for the generation of electricity | Select from: <input checked="" type="checkbox"/> Yes |
| Consumption of fuel for the generation of heat | Select from: <input checked="" type="checkbox"/> Yes |
| Consumption of fuel for the generation of steam | Select from: <input checked="" type="checkbox"/> Yes |
| Consumption of fuel for the generation of cooling | Select from: <input checked="" type="checkbox"/> No |
| Consumption of fuel for co-generation or tri-generation | Select from: <input checked="" type="checkbox"/> Yes |

[Fixed row]

(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

(7.30.7.1) Heating value

Select from:

HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0.00

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0.00

(7.30.7.4) MWh fuel consumed for self-generation of heat

0.00

(7.30.7.5) MWh fuel consumed for self-generation of steam

0.00

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0.00

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0.00

(7.30.7.8) Comment

No Consumption of Sustainable Biomass

Other biomass

(7.30.7.1) Heating value

Select from:

HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0.00

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0.00

(7.30.7.4) MWh fuel consumed for self-generation of heat

0.00

(7.30.7.5) MWh fuel consumed for self-generation of steam

0.00

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0.00

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0.00

(7.30.7.8) Comment

Not using Other Biomass Fuels

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:

HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0.00

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0.00

(7.30.7.4) MWh fuel consumed for self-generation of heat

0.00

(7.30.7.5) MWh fuel consumed for self-generation of steam

0.00

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0.00

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0.00

(7.30.7.8) Comment

Not using Renewable hydrogen as a fuels source

Coal

(7.30.7.1) Heating value

Select from:

HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0.00

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0.00

(7.30.7.4) MWh fuel consumed for self-generation of heat

0.00

(7.30.7.5) MWh fuel consumed for self-generation of steam

0.00

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0.00

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0.00

(7.30.7.8) Comment

Not Using Coal as a direct fuel resource

Oil

(7.30.7.1) Heating value

Select from:

HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0.00

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0.00

(7.30.7.4) MWh fuel consumed for self-generation of heat

0.00

(7.30.7.5) MWh fuel consumed for self-generation of steam

0.00

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0.00

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0.00

(7.30.7.8) Comment

No consumption of oil

Gas

(7.30.7.1) Heating value

Select from:

HHV

(7.30.7.2) Total fuel MWh consumed by the organization

256582.00

(7.30.7.3) MWh fuel consumed for self-generation of electricity

52.00

(7.30.7.4) MWh fuel consumed for self-generation of heat

119740.00

(7.30.7.5) MWh fuel consumed for self-generation of steam

119740.00

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0.00

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

17050.00

(7.30.7.8) Comment

Included here is NG, Propane, and Diesel Fuel consumption

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

(7.30.7.1) Heating value

Select from:

HHV

(7.30.7.2) Total fuel MWh consumed by the organization

0.00

(7.30.7.3) MWh fuel consumed for self-generation of electricity

0.00

(7.30.7.4) MWh fuel consumed for self-generation of heat

0.00

(7.30.7.5) MWh fuel consumed for self-generation of steam

0.00

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0.00

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

0.00

(7.30.7.8) Comment

None

Total fuel

(7.30.7.1) Heating value

Select from:

HHV

(7.30.7.2) Total fuel MWh consumed by the organization

256582.00

(7.30.7.3) MWh fuel consumed for self-generation of electricity

52.00

(7.30.7.4) MWh fuel consumed for self-generation of heat

119740.00

(7.30.7.5) MWh fuel consumed for self-generation of steam

119740.00

(7.30.7.6) MWh fuel consumed for self-generation of cooling

0.00

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

17050.00

(7.30.7.8) Comment

*Values match reported Gas values since no other fuel types were consumed in the reporting period.
[Fixed row]*

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

Electricity

(7.30.9.1) Total Gross generation (MWh)

5952.00

(7.30.9.2) Generation that is consumed by the organization (MWh)

5834.00

(7.30.9.3) Gross generation from renewable sources (MWh)

18.00

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

18.00

[Fixed row]

(7.30.11) Provide details on electricity, heat, steam, and cooling your organization has generated and consumed for chemical production activities.

Electricity

(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)

5952.00

(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)

5834.00

(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)

18.00

(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)

18.00

[Fixed row]

(7.30.14) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in 7.7.

Row 1

(7.30.14.1) Country/area

Select from:

Belgium

(7.30.14.2) Sourcing method

Select from:

Default delivered electricity from the grid (e.g. standard product offering by an energy supplier), supported by energy attribute certificates

(7.30.14.3) Energy carrier

Select from:

Electricity

(7.30.14.4) Low-carbon technology type

Select from:

Wind

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

226.6

(7.30.14.6) Tracking instrument used

Select from:

Contract

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

Select from:

Belgium

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.14.10) Comment

This represents electricity derived from the grid for our site in Belgium.

Row 2

(7.30.14.1) Country/area

Select from:

United States of America

(7.30.14.2) Sourcing method

Select from:

Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:

Electricity

(7.30.14.4) Low-carbon technology type

Select from:

Wind

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

36000

(7.30.14.6) Tracking instrument used

Select from:

US-REC

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

Select from:

United States of America

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

(7.30.14.10) Comment

This reflects our REC purchases for 2023 that were used to support wind farms in Kansas and Texas.

Row 3

(7.30.14.1) Country/area

Select from:

Italy

(7.30.14.2) Sourcing method

Select from:

None (no active purchases of low-carbon electricity, heat, steam or cooling)

(7.30.14.10) Comment

We have made renewable energy credit purchases, but these were not applied in 2023.

Row 4

(7.30.14.1) Country/area

Select from:

Canada

(7.30.14.2) Sourcing method

Select from:

None (no active purchases of low-carbon electricity, heat, steam or cooling)

(7.30.14.10) Comment

N/A

Row 5

(7.30.14.1) Country/area

Select from:

Germany

(7.30.14.2) Sourcing method

Select from:

None (no active purchases of low-carbon electricity, heat, steam or cooling)

(7.30.14.10) Comment

N/A

Row 6

(7.30.14.1) Country/area

Select from:

Malaysia

(7.30.14.2) Sourcing method

Select from:

None (no active purchases of low-carbon electricity, heat, steam or cooling)

(7.30.14.10) Comment

N/A

Row 7

(7.30.14.1) Country/area

Select from:

Norway

(7.30.14.2) Sourcing method

Select from:

None (no active purchases of low-carbon electricity, heat, steam or cooling)

(7.30.14.10) Comment

N/A

[Add row]

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

Belgium

(7.30.16.1) Consumption of purchased electricity (MWh)

447.00

(7.30.16.2) Consumption of self-generated electricity (MWh)

18.00

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0.00

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0.00

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

465.00

Canada

(7.30.16.1) Consumption of purchased electricity (MWh)

58.00

(7.30.16.2) Consumption of self-generated electricity (MWh)

0.00

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0.00

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0.00

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

58.00

Germany

(7.30.16.1) Consumption of purchased electricity (MWh)

7.00

(7.30.16.2) Consumption of self-generated electricity (MWh)

0.00

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0.00

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

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

7.00

Italy

(7.30.16.1) Consumption of purchased electricity (MWh)

4938.00

(7.30.16.2) Consumption of self-generated electricity (MWh)

5789.00

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0.00

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0.00

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

10727.00

Malaysia

(7.30.16.1) Consumption of purchased electricity (MWh)

44.00

(7.30.16.2) Consumption of self-generated electricity (MWh)

0.00

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0.00

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0.00

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

44.00

Norway

(7.30.16.1) Consumption of purchased electricity (MWh)

173.00

(7.30.16.2) Consumption of self-generated electricity (MWh)

0.00

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0.00

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0.00

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

173.00

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

49862.00

(7.30.16.2) Consumption of self-generated electricity (MWh)

26.00

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0.00

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0.00

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

49888.00
[Fixed row]

(7.39) Provide details on your organization's chemical products.

Row 1

(7.39.1) Output product

Select from:

Other, please specify :Methylamines

(7.39.2) Production (metric tons)

2304.43

(7.39.4) Direct emissions intensity (metric tons CO2e per metric ton of product)

0.32

(7.39.5) Electricity intensity (MWh per metric ton of product)

0.07

(7.39.6) Steam intensity (MWh per metric ton of product)

1.69

(7.39.7) Steam/ heat recovered (MWh per metric ton of product)

0

[Add row]

(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Row 1

(7.45.1) Intensity figure

0.0000569730

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

52552.10

(7.45.3) Metric denominator

Select from:

unit total revenue

(7.45.4) Metric denominator: Unit total

922400000.00

(7.45.5) Scope 2 figure used

Select from:

Market-based

(7.45.6) % change from previous year

4.00

(7.45.7) Direction of change

Select from:

Decreased

(7.45.8) Reasons for change

Select all that apply

Change in renewable energy consumption

Change in revenue

(7.45.9) Please explain

Our intensity declined from 2022 because we grew our emissions declined more than our revenue

[Add row]

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

Row 1

(7.52.1) Description

Select from:

Energy usage

(7.52.2) Metric value

5.00

(7.52.3) Metric numerator

Total Energy Consumed (GJ)

(7.52.4) Metric denominator (intensity metric only)

Total Production (Metric Tons)

(7.52.5) % change from previous year

29.2

(7.52.6) Direction of change

Select from:

Increased

(7.52.7) Please explain

From 2022 to 2023, both our energy consumption and production output decreased. However, because the reduction in production was greater than the reduction in energy consumption—due to changes in our product mix—our energy intensity increased.

Row 2

(7.52.1) Description

Select from:

Energy usage

(7.52.2) Metric value

1144505.00

(7.52.3) Metric numerator

GJ of Energy Consumed

(7.52.4) Metric denominator (intensity metric only)

Total Production (Metric Tons)

(7.52.5) % change from previous year

5.49

(7.52.6) Direction of change

Select from:

Decreased

(7.52.7) Please explain

Total Energy Consumption in 2023 decreased from 2022.
[Add row]

(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

Row 1

(7.53.1.1) Target reference number

Select from:

Abs 1

(7.53.1.2) Is this a science-based target?

Select from:

No, but we anticipate setting one in the next two years

(7.53.1.5) Date target was set

04/22/2021

(7.53.1.6) Target coverage

Select from:

- Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

- Carbon dioxide (CO2)
- Methane (CH4)
- Nitrous oxide (N2O)

(7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

- Market-based

(7.53.1.11) End date of base year

12/31/2020

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

49284.700

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

27517.900

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

0.000

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

76802.600

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

64.200

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

35.800

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100.000

(7.53.1.54) End date of target

12/31/2030

(7.53.1.55) Targeted reduction from base year (%)

25.00

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

57601.950

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

46981.200

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

5570.900

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

52552.100

(7.53.1.78) Land-related emissions covered by target

Select from:

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

(7.53.1.79) % of target achieved relative to base year

126.30

(7.53.1.80) Target status in reporting year

Select from:

Achieved

(7.53.1.82) Explain target coverage and identify any exclusions

There are no exclusions to our target coverage

(7.53.1.83) Target objective

Reduce absolute emissions by from our base year of 2020 by 25% for the year 2030.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

No

(7.53.1.86) List the emissions reduction initiatives which contributed most to achieving this target

Buying Renewable Energy Certificates

[Add row]

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

| | Number of initiatives | Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *) |
|--------------------------|-----------------------|--|
| Under investigation | 0.00 | `Numeric input |
| To be implemented | 0.00 | `Numeric input |
| Implementation commenced | 0.00 | `Numeric input |
| Implemented | 6.00 | 18185.00 |
| Not to be implemented | 0.00 | `Numeric input |

[Fixed row]

(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.

Row 1

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy consumption

Wind

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

18148.00

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

Select all that apply

Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

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

0

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

131400

(7.55.2.7) Payback period

Select from:

No payback

(7.55.2.8) Estimated lifetime of the initiative

Select from:

Ongoing

(7.55.2.9) Comment

Purchase of Renewable Energy Credits for 2023 used to support wind farms.

Row 2

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

Lighting

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

13.00

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

Select all that apply

Scope 2 (location-based)

Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

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

1700

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

15000

(7.55.2.7) Payback period

Select from:

4-10 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

6-10 years

(7.55.2.9) Comment

Purchase of New LED lighting at our Bridgeton Facility to replace other less efficient lighting

Row 3

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

Lighting

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

4.00

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

Select all that apply

Scope 2 (location-based)

Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

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

1000

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

6000

(7.55.2.7) Payback period

Select from:

4-10 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

6-10 years

(7.55.2.9) Comment

Purchase of New LED lighting at our Faribault Facility to replace other less efficient lighting

Row 4

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

Machine/equipment replacement

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

3.00

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

Select all that apply

Scope 1

(7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

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

900

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

88000

(7.55.2.7) Payback period

Select from:

>25 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

6-10 years

(7.55.2.9) Comment

We replaced condensate pump at our Covington facility. The newer condensate pump is allowing the site to save on water and return more condensate to the boiler.

Row 5

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

Machine/equipment replacement

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

1.00

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

Select all that apply

- Scope 2 (location-based)
- Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

- Voluntary

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

200

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

30000

(7.55.2.7) Payback period

Select from:

- >25 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

- 11-15 years

(7.55.2.9) Comment

Purchased a new more efficient air compressor for our Covington facility. This more efficient compressor reduces the amount of energy needed to create compressed air.

Row 6

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

- Machine/equipment replacement

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

17.00

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

Select all that apply

- Scope 1
- Scope 2 (location-based)
- Scope 2 (market-based)

(7.55.2.4) Voluntary/Mandatory

Select from:

- Voluntary

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

2100

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

440000

(7.55.2.7) Payback period

Select from:

>25 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:

16-20 years

(7.55.2.9) Comment

Updated the Dryer Cooling System at our Marshfield facility. This project involved some updates to the steam system which will help reduce gas and switching motor controls to VFDs which will reduce electrical consumption.

[Add row]

(7.55.3) What methods do you use to drive investment in emissions reduction activities?

Row 1

(7.55.3.1) Method

Select from:

Compliance with regulatory requirements/standards

(7.55.3.2) Comment

While Balchem is considering to develop Carbon Cost accounting as a method for evaluating potential projects, today emissions reductions activities are determined by management input.

[Add row]

C9. Environmental performance - Water security

(9.1.1) Provide details on these exclusions.

Row 1

(9.1.1.1) Exclusion

Select from:

Facilities

(9.1.1.2) Description of exclusion

Leased Facilities where we aren't managing water use and paying for our use directly.

(9.1.1.3) Reason for exclusion

Select from:

Shared premises

(9.1.1.7) Percentage of water volume the exclusion represents

Select from:

Less than 1%

(9.1.1.8) Please explain

Leased facilities where we are not responsible for the water utilities have been excluded.

Row 2

(9.1.1.1) Exclusion

Select from:

Water aspects

(9.1.1.2) Description of exclusion

Green Pond, South Carolina manufacturing facility

(9.1.1.3) Reason for exclusion

Select from:

Data is not available

(9.1.1.7) Percentage of water volume the exclusion represents

Select from:

Less than 1%

(9.1.1.8) Please explain

We currently do not have data collection process for this facility; however, the water use at this facility is minimal, derived from their own well and would not material change what we are reporting.

Row 3

(9.1.1.1) Exclusion

Select from:

Water aspects

(9.1.1.2) Description of exclusion

Grimbergen, Belgium manufacturing facility

(9.1.1.3) Reason for exclusion

Select from:

- Small volume [rainwater]

(9.1.1.7) Percentage of water volume the exclusion represents

Select from:

- Less than 1%

(9.1.1.8) Please explain

This location uses rainwater but the volume of rainwater consumption isn't currently measured, however, it would not materially change what we are reporting.
[Add row]

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

Water withdrawals – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

- 76-99

(9.2.2) Frequency of measurement

Select from:

- Monthly

(9.2.3) Method of measurement

Receive some of our water withdrawal information through direct monitoring for river water and well water, but most of the measurements come from the metering of utility providers.

(9.2.4) Please explain

One of our primary sustainability goals to reduce our water consumption by 25% by 2030, therefore, we track and monitor total water withdrawal for all locations, except for our lease facilities, Grimbergen and Green Pond facilities. We have excluded leased facilities because we are not responsible for the utilities at the locations and the water withdrawal at Grimbergen and Green Pond are minimal.

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:

76-99

(9.2.2) Frequency of measurement

Select from:

Monthly

(9.2.3) Method of measurement

Receive some of our water withdrawal information through direct monitoring for river water and well water but most of the measurements come from the metering of utility providers.

(9.2.4) Please explain

Water withdrawal sources are generally understood but we haven't historically defined our volumes by source.

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

Where water is being used in production additional quality testing is being done.

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

Water discharge quality – by standard effluent parameters

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

Water recycled/reused

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

The provision of fully-functioning, safely managed WASH services to all workers

(9.2.1) % of sites/facilities/operations

Select from:

Not monitored

(9.2.4) Please explain

We are in the process of further refining our data collection for water. If we assess that this data is important for our strategy and stakeholders, we will look to collect the data and begin reporting.

[Fixed row]

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

Total withdrawals

(9.2.2.1) Volume (megaliters/year)

3730

(9.2.2.2) Comparison with previous reporting year

Select from:

Lower

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

Increase/decrease in business activity

(9.2.2.4) Five-year forecast

Select from:

Lower

(9.2.2.5) Primary reason for forecast

Select from:

Increase/decrease in efficiency

(9.2.2.6) Please explain

We have committed to reducing water usage by 25% by 2030, from our 2020 baseline.

[Fixed row]

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

(9.2.4.1) Withdrawals are from areas with water stress

Select from:

Yes

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

77.5

(9.2.4.3) Comparison with previous reporting year

Select from:

This is our first year of measurement

(9.2.4.5) Five-year forecast

Select from:

About the same

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

2.08

(9.2.4.8) Identification tool

Select all that apply

WRI Aqueduct

[Fixed row]

(9.2.7) Provide total water withdrawal data by source.

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

(9.2.7.1) Relevance

Select from:

Not relevant

(9.2.7.5) Please explain

Not relevant

Brackish surface water/Seawater

(9.2.7.1) Relevance

Select from:

Relevant

(9.2.7.2) Volume (megaliters/year)

2898

(9.2.7.3) Comparison with previous reporting year

Select from:

This is our first year of measurement

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Unknown

(9.2.7.5) Please explain

Brackish water withdrawal is relevant. Our largest consumption of water in the company is the use of brackish surface water for cooling. Most of this value is coming from Direct measurements. We haven't reported this value previously so there is no comparison to the previous year.

Groundwater – renewable

(9.2.7.1) Relevance

Select from:

Relevant

(9.2.7.2) Volume (megaliters/year)

274

(9.2.7.3) Comparison with previous reporting year

Select from:

This is our first year of measurement

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Unknown

(9.2.7.5) Please explain

Groundwater is Relevant. We have a couple sites that utilize groundwater as a primary water resource. Most of this value is coming from Direct measurements. We haven't reported this value previously so there is no comparison to the previous year.

Groundwater – non-renewable

(9.2.7.1) Relevance

Select from:

Not relevant

(9.2.7.5) Please explain

Not relevant

Produced/Entrained water

(9.2.7.1) Relevance

Select from:

Not relevant

(9.2.7.5) Please explain

Not relevant

Third party sources

(9.2.7.1) Relevance

Select from:

Relevant

(9.2.7.2) Volume (megaliters/year)

558

(9.2.7.3) Comparison with previous reporting year

Select from:

This is our first year of measurement

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Unknown

(9.2.7.5) Please explain

Third Party Sources are relevant. Most of our sites are only utilizing water provided by a third party source. This value is measured predominantly by the direct measurement of the third party water providers. We haven't reported this value previously so there is no comparison to the previous year.

[Fixed row]

(9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?

Direct operations

(9.3.1) Identification of facilities in the value chain stage

Select from:

No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, and are not planning to do so in the next 2 years

(9.3.4) Please explain

We are currently in the process of identify sustainability risk and opportunities for our company. As we further assess our risk, opportunities and dependencies, we will identify these facilities. We have been able to identify which facility withdrawals the largest amount of water which enables us to perform a large capital project at the facility to reduce water withdrawal.

Upstream value chain

(9.3.1) Identification of facilities in the value chain stage

Select from:

No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, and are not planning to do so in the next 2 years

(9.3.4) Please explain

We are currently in the process of identify sustainability risk and opportunities for our company. As we further assess our risk, opportunities and dependencies, we will identify these facilities in our upstream value chain.

[Fixed row]

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

| | Revenue (currency) | Total water withdrawal efficiency |
|--|--------------------|-----------------------------------|
| | 922439000 | 247302.68 |

[Fixed row]

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

| | Products contain hazardous substances |
|--|--|
| | Select from: <input checked="" type="checkbox"/> No |

[Fixed row]

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

(9.14.1) Products and/or services classified as low water impact

Select from:

- No, but we plan to address this within the next two years

(9.14.3) Primary reason for not classifying any of your current products and/or services as low water impact

Select from:

- Important but not an immediate business priority

(9.14.4) Please explain

While we believe in providing best in class products for our customers and also for the environment, we have focused our efforts on other sustainability initiatives, including regulatory compliance.

[Fixed row]

(9.15.1) Indicate whether you have targets relating to water pollution, water withdrawals, WASH, or other water-related categories.

Water pollution

(9.15.1.1) Target set in this category

Select from:

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

Water withdrawals

(9.15.1.1) Target set in this category

Select from:

- Yes

Water, Sanitation, and Hygiene (WASH) services

(9.15.1.1) Target set in this category

Select from:

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

(9.15.1.2) Please explain

While we do not plan on setting a target for WASH services in the next two years, we will continue to monitor to assess if this is a significant risk or opportunity for our business and stakeholders and reassess if needed.

Other

(9.15.1.1) Target set in this category

Select from:

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

(9.15.1.2) Please explain

We do not have any other water related targets set.

[Fixed row]

(9.15.2) Provide details of your water-related targets and the progress made.

Row 1

(9.15.2.1) Target reference number

Select from:

Target 1

(9.15.2.2) Target coverage

Select from:

Organization-wide (direct operations only)

(9.15.2.3) Category of target & Quantitative metric

Water withdrawals

Reduction in total water withdrawals

(9.15.2.4) Date target was set

04/22/2021

(9.15.2.5) End date of base year

12/31/2020

(9.15.2.6) Base year figure

4038

(9.15.2.7) End date of target year

12/31/2030

(9.15.2.8) Target year figure

3028

(9.15.2.9) Reporting year figure

3730

(9.15.2.10) Target status in reporting year

Select from:

Underway

(9.15.2.11) % of target achieved relative to base year

30

(9.15.2.12) Global environmental treaties/initiatives/ frameworks aligned with or supported by this target

Select all that apply

None, alignment not assessed

(9.15.2.13) Explain target coverage and identify any exclusions

No exclusions.

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

During the reporting year, we reviewed our manufacturing facility with the largest water withdrawal within all our operations. For this site, we have launched a water reduction project that aims to reduce our water withdrawal, putting us on track to meet our water withdrawal goal.

(9.15.2.16) Further details of target

We have set a target to reduce our overall water withdrawal by 25% by 2030. In 2023, we achieved an 8% reduction from our 2020 baseline and have implemented a capital project that will enable us to achieve our goal.

[Add row]

C11. Environmental performance - Biodiversity

(11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

| | |
|--|--|
| | Actions taken in the reporting period to progress your biodiversity-related commitments |
| | Select from: <input checked="" type="checkbox"/> No, we are not taking any actions to progress our biodiversity-related commitments |

[Fixed row]

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

| | |
|--|---|
| | Does your organization use indicators to monitor biodiversity performance? |
| | Select from: <input checked="" type="checkbox"/> No, we do not use indicators, but plan to within the next two years |

[Fixed row]

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

| | Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity |
|--|---|
| Legally protected areas | <i>Select from:</i> <input checked="" type="checkbox"/> No |
| UNESCO World Heritage sites | <i>Select from:</i> <input checked="" type="checkbox"/> No |
| UNESCO Man and the Biosphere Reserves | <i>Select from:</i> <input checked="" type="checkbox"/> No |
| Ramsar sites | <i>Select from:</i> <input checked="" type="checkbox"/> No |
| Key Biodiversity Areas | <i>Select from:</i> <input checked="" type="checkbox"/> No |
| Other areas important for biodiversity | <i>Select from:</i> <input checked="" type="checkbox"/> No |

[Fixed row]

C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

(13.1.1) Other environmental information included in your CDP response is verified and/or assured by a third party

Select from:

No, but we plan to obtain third-party verification/assurance of other environmental information in our CDP response within the next two years

(13.1.2) Primary reason why other environmental information included in your CDP response is not verified and/or assured by a third party

Select from:

Not an immediate strategic priority

(13.1.3) Explain why other environmental information included in your CDP response is not verified and/or assured by a third party

Balchem is actively preparing to comply with the European Union's Corporate Sustainability Reporting Directive (CSRD). In 2024, we have planned several initiatives to meet CSRD requirements including limited assurance by a third-party on our environmental data.

[Fixed row]

(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

| | |
|--|---|
| | Additional information |
| | <i>For additional information on our sustainability program, please see our annual sustainability report.</i> |

[Fixed row]

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

(13.3.1) Job title

Global Head of Sustainability

(13.3.2) Corresponding job category

Select from:

Other, please specify

[Fixed row]

