



Elementis plc

2025 CDP Corporate Questionnaire 2025

Word version

Important: this export excludes unanswered questions

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

[Read full terms of disclosure](#)

▪

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C1. Introduction

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

Select from:

☒ English

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

Select from:

☒ USD

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

(1.3.2) Organization type

Select from:

☒ Publicly traded organization

(1.3.3) Description of organization

Elementis is a global specialty chemicals company. We offer performance driven additives that help customers create innovative formulations and products for both consumer and industrial applications, such as cosmetics, personal care, paints, coatings, adhesives and sealants. In May 2025, we announced we had sold our Talc business. This disclosure includes 2024 data from that business.

[Fixed row]

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

(1.4.1) End date of reporting year

12/31/2024

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

Select from:

☒ Yes

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

Select from:

☒ Yes

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

Select from:

☒ 5 years

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

Select from:

☒ 5 years

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

Select from:

☒ Not providing past emissions data for Scope 3

[Fixed row]

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

738300000

(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?
	<i>Select from:</i> <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:

☒ Yes

(1.6.2) Provide your unique identifier

GB0002418548

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ Yes

(1.6.2) Provide your unique identifier

ELM

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ Yes

(1.6.2) Provide your unique identifier

0241854

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ Yes

(1.6.2) Provide your unique identifier

549300LQIH685LI2ML36

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

378486021

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

☒ No

[Add row]

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

Select all that apply

☒ China

☒ India

☒ Brazil

☒ Finland

☒ Germany

☒ Portugal

☒ Netherlands

☒ Taiwan, China

☒ United States of America

☒ United Kingdom of Great Britain and Northern Ireland

(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	The information is filled in for question 1.1.1

[Fixed row]

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

Row 1

(1.8.1.1) Identifier

Newberry Springs plant

(1.8.1.2) Latitude

34.4952

(1.8.1.3) Longitude

116.4043

(1.8.1.4) Comment

no comment

Row 2

(1.8.1.1) Identifier

New Martinsville

(1.8.1.2) Latitude

39.644521

(1.8.1.3) Longitude

-80.857599

(1.8.1.4) Comment

no comment

Row 3**(1.8.1.1) Identifier**

Newberry Springs mine

(1.8.1.2) Latitude

34.750545

(1.8.1.3) Longitude

-116.429468

(1.8.1.4) Comment

no comment

Row 4**(1.8.1.1) Identifier**

Anji

(1.8.1.2) Latitude

30.638674

(1.8.1.3) Longitude

119.680353

(1.8.1.4) Comment

no comment

Row 5

(1.8.1.1) Identifier

Amsterdam

(1.8.1.2) Latitude

52.414034

(1.8.1.3) Longitude

4.828945

(1.8.1.4) Comment

no comment

Row 6

(1.8.1.1) Identifier

Songjiang

(1.8.1.2) Latitude

31.032243

(1.8.1.3) Longitude

121.22775

(1.8.1.4) Comment

no comment

Row 7

(1.8.1.1) Identifier

Palmital

(1.8.1.2) Latitude

-22.787683

(1.8.1.3) Longitude

-50.220801

(1.8.1.4) Comment

no comment

Row 8

(1.8.1.1) Identifier

St Louis

(1.8.1.2) Latitude

38.627002

(1.8.1.3) Longitude

-90.199404

(1.8.1.4) Comment

no comment

Row 9**(1.8.1.1) Identifier**

SciPark

(1.8.1.2) Latitude

40.357297

(1.8.1.3) Longitude

-74.667222

(1.8.1.4) Comment

no comment

Row 10**(1.8.1.1) Identifier**

Ludwigshafen

(1.8.1.2) Latitude

49.477401

(1.8.1.3) Longitude

8.444745

(1.8.1.4) Comment

no comment

Row 11**(1.8.1.1) Identifier**

Cologne

(1.8.1.2) Latitude

50.937531

(1.8.1.3) Longitude

6.960278

(1.8.1.4) Comment

no comment

Row 12**(1.8.1.1) Identifier**

Vuonos

(1.8.1.2) Latitude

62.761524

(1.8.1.3) Longitude

29.090969

(1.8.1.4) Comment

no comment

Row 13

(1.8.1.1) Identifier

Hsinchu

(1.8.1.2) Latitude

24.813828

(1.8.1.3) Longitude

120.967479

(1.8.1.4) Comment

no comment

Row 14

(1.8.1.1) Identifier

Katwijk

(1.8.1.2) Latitude

51.754322

(1.8.1.3) Longitude

5.85611

(1.8.1.4) Comment

no comment

Row 15**(1.8.1.1) Identifier**

Walkill

(1.8.1.2) Latitude

41.445927

(1.8.1.3) Longitude

-74.422934

(1.8.1.4) Comment

no comment

Row 16**(1.8.1.1) Identifier**

Livingston

(1.8.1.2) Latitude

55.900708

(1.8.1.3) Longitude

-3.518068

(1.8.1.4) Comment

no comment

Row 17

(1.8.1.1) Identifier

Taloja

(1.8.1.2) Latitude

19.063011

(1.8.1.3) Longitude

73.120891

(1.8.1.4) Comment

no comment

Row 18

(1.8.1.1) Identifier

Milwaukee

(1.8.1.2) Latitude

40.57146

(1.8.1.3) Longitude

-78.13806

(1.8.1.4) Comment

no comment

Row 19

(1.8.1.1) Identifier

Sotkamo

(1.8.1.2) Latitude

64.130654

(1.8.1.3) Longitude

28.390497

(1.8.1.4) Comment

no comment

Row 20

(1.8.1.1) Identifier

Huguenot

(1.8.1.2) Latitude

41.420297

(1.8.1.3) Longitude

-74.633582

(1.8.1.4) Comment

no comment

Row 21

(1.8.1.1) Identifier

Mumbai

(1.8.1.2) Latitude

19.12636

(1.8.1.3) Longitude

72.84897

(1.8.1.4) Comment

no comment

Row 22

(1.8.1.1) Identifier

London

(1.8.1.2) Latitude

51.507265

(1.8.1.3) Longitude

-0.127833

(1.8.1.4) Comment

no comment

Row 23

(1.8.1.1) Identifier

Porto

(1.8.1.2) Latitude

41.1512

(1.8.1.3) Longitude

-8.5995

(1.8.1.4) Comment

no comment

[Add row]

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

Other chemicals

☒ Specialty inorganic chemicals

☒ Specialty organic chemicals

(1.18) Provide details on the mining projects covered by this disclosure, by specifying your project(s) type, location and mining method(s) used.

Row 1

(1.18.1) Mining project ID

Select from:

☒ Project 1

(1.18.2) Name

Punasuo

(1.18.3) Share (%)

100

(1.18.4) Country/Area

Select from:

☒ Finland

(1.18.5) Latitude

64.111

(1.18.6) Longitude

28.067

(1.18.7) Project stage

Select from:

☒ Production

(1.18.8) Mining method

Select from:

☒ Open-cut

(1.18.9) Raw material(s)

Select all that apply

☒ Other minerals, please specify :Talc. Magnesium silicate, nickel concentrate, and magnesite sand as by-products

(1.18.10) Year extraction started/is planned to start

2010

(1.18.12) Description of project

Open pit talc mine, near Sotkamo

Row 2

(1.18.1) Mining project ID

Select from:

☒ Project 2

(1.18.2) Name

Uutela

(1.18.3) Share (%)

100

(1.18.4) Country/Area

Select from:

☒ Finland

(1.18.5) Latitude

63.953

(1.18.6) Longitude

28.167

(1.18.7) Project stage

Select from:

☒ Production

(1.18.8) Mining method

Select from:

☒ Open-cut

(1.18.9) Raw material(s)

Select all that apply

☒ Other minerals, please specify :Talc. Magnesium silicate, nickel concentrate, and magnesite sand as by-products

(1.18.10) Year extraction started/is planned to start

2006

(1.18.12) Description of project

Open pit talc mine, near Sotkamo

Row 3

(1.18.1) Mining project ID

Select from:

☒ Project 3

(1.18.2) Name

Pehmytkivi

(1.18.3) Share (%)

100

(1.18.4) Country/Area

Select from:

☒ Finland

(1.18.5) Latitude

62.833

(1.18.6) Longitude

29.243

(1.18.7) Project stage

Select from:

☒ Production

(1.18.8) Mining method

Select from:

☒ Open-cut

(1.18.9) Raw material(s)

Select all that apply

☒ Other minerals, please specify :Talc. Magnesium silicate, nickel concentrate, and magnesite sand as by-products

(1.18.10) Year extraction started/is planned to start

1999

(1.18.12) Description of project

Open pit talc mine, near Vuonos

Row 4

(1.18.1) Mining project ID

Select from:

☒ Project 4

(1.18.2) Name

Karnukka

(1.18.3) Share (%)

100

(1.18.4) Country/Area

Select from:

☒ Finland

(1.18.5) Latitude

62.857

(1.18.6) Longitude

29.278

(1.18.7) Project stage

Select from:

☒ Production

(1.18.8) Mining method

Select from:

☒ Open-cut

(1.18.9) Raw material(s)

Select all that apply

☒ Other minerals, please specify :Talc. Magnesium silicate, nickel concentrate, and magnesite sand as by-products

(1.18.10) Year extraction started/is planned to start

2015

(1.18.12) Description of project

Open pit talc mine, near Sotkamo

Row 5

(1.18.1) Mining project ID

Select from:

☒ Project 5

(1.18.2) Name

Newberry Springs mine

(1.18.3) Share (%)

100

(1.18.4) Country/Area

Select from:

☒ United States of America

(1.18.5) Latitude

34.751

(1.18.6) Longitude

-116.429

(1.18.7) Project stage

Select from:

☒ Production

(1.18.8) Mining method

Select from:

☒ Open-cut

(1.18.9) Raw material(s)

Select all that apply

☒ Other minerals, please specify :hectorite clay

(1.18.10) Year extraction started/is planned to start

1976

(1.18.12) Description of project

Open pit hectorite clay mine, near Newberry Springs

[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:

☒ Not an immediate strategic priority

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

Currently in the process of mapping the value chain. Tier 1 is partially mapped already.

[Fixed row]

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

(1.24.1.1) Plastics mapping

Select from:

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

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

Select from:

☒ Not an immediate strategic priority

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

We are an industrial business-to-business company, shipping products in 25kg and above single units. Our use of plastics is for packaging our products. We also use bulk shipments and paper, fibre and metal packaging. Some of our product lines for the cosmetic and pharma sectors require new plastic packaging to be used, to avoid the risk of contamination from previously used plastic or non-plastic packaging. Therefore, plastics mapping is less strategic for us and we are focussed on other areas to improve.

[Fixed row]

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

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

Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

3

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

This reflects the scope for the annually updated business plan. A period of 3 years is the basis for the Business Viability Statement in the Elementis plc Annual Report and Accounts.

Medium-term

(2.1.1) From (years)

4

(2.1.3) To (years)

10

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

Medium term: 2027-2034, expected to be close to our SBT year.

Long-term

(2.1.1) From (years)

10

(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

Strategic climate targets and capital intensive project pipeline fall into this category. For TCFD assessments we consider long-term time horizons to 2030 - 2040 and beyond. Beyond our SBT, reaching our Net Zero ambition
[Fixed row]

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

	Process in place	Dependencies and/or impacts evaluated in this process	Biodiversity impacts evaluated before the mining project development stage
	Select from: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> Both dependencies and impacts	Select from: <input checked="" type="checkbox"/> Yes, in all cases

[Fixed row]

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

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>Select from:</i> <input checked="" type="checkbox"/> Both risks and opportunities	<i>Select from:</i> <input checked="" type="checkbox"/> Yes

[Fixed row]

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

Row 1

(2.2.2.1) Environmental issue

Select all that apply

- ☒ Climate change
- ☒ Water

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

Select all that apply

- ☒ Dependencies
- ☒ Impacts
- ☒ Risks
- ☒ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

- ☒ Direct operations
- ☒ Upstream value chain
- ☒ Downstream value chain

(2.2.2.4) Coverage

Select from:

- ☒ Partial

(2.2.2.5) Supplier tiers covered

Select all that apply

- ☒ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:

- ☒ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

- ☒ Annually

(2.2.2.9) Time horizons covered

Select all that apply

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

(2.2.2.10) Integration of risk management process

Select from:

- ☒ A specific environmental risk management process

(2.2.2.11) Location-specificity used

Select all that apply

- ☒ Site-specific

(2.2.2.12) Tools and methods used

Commercially/publicly available tools

- ☒ WRI Aqueduct

- ☒ WWF Water Risk Filter

Enterprise Risk Management

- ☒ Risk models

Other

- ☒ Desk-based research

- ☒ Internal company methods

- ☒ Materiality assessment

- ☒ Partner and stakeholder consultation/analysis

- ☒ Scenario analysis

(2.2.2.13) Risk types and criteria considered

Acute physical

- ☒ Tornado

- ☒ Heat waves

- ☒ Cyclones, hurricanes, typhoons

- ☒ Heavy precipitation (rain, hail, snow/ice)

- ☒ Flood (coastal, fluvial, pluvial, ground water)

- ☒ Storm (including blizzards, dust, and sandstorms)

Chronic physical

- ☒ Heat stress
- ☒ Water stress
- ☒ Changing wind patterns
- ☒ Temperature variability
- ☒ Increased severity of extreme weather events

- ☒ Changing temperature (air, freshwater, marine water)
- ☒ Changing precipitation patterns and types (rain, hail, snow/ice)

Policy

- ☒ Carbon pricing mechanisms

Market

- ☒ Availability and/or increased cost of raw materials
- ☒ Changing customer behavior
- ☒ Other market, please specify :Consumer demands; Access to renewable energy; Energy prices

Reputation

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

(2.2.2.14) Partners and stakeholders considered

Select all that apply

- ☒ Customers
- ☒ Employees
- ☒ Investors
- ☒ Suppliers

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

Select from:

- ☒ No

(2.2.2.16) Further details of process

We assess corporate risks - including environmental risks - formally twice a year, with senior managers providing input and expertise. We assess climate-related risks and opportunities under different NGFS climate scenarios annually, again with senior manager providing inputs and expertise. Our materiality assessment is also updated annually, using input from the corporate and climate-related risk processes, and additional considerations based on stakeholder documentation and internal management inputs. Some topics are able to be assessed with quantitative financial indicators, but most are assessed more qualitatively, using Board approved financial risk appetite scale as a guide for the assessment.

[Add row]

(2.2.3) Provide mining-specific details of your organization's process for identifying, assessing, and managing biodiversity impacts.

Row 1

(2.2.3.1) Mining project ID

Select from:

☒ Project 1

(2.2.3.2) Extent of assessment

Select from:

☒ Straightforward application of environmental siting, pollution standards, design criteria, or construction standards

(2.2.3.3) Impacts considered

Select all that apply

☒ Direct impacts

(2.2.3.4) Scope defined by

Select all that apply

☒ Governmental agency requirements

(2.2.3.5) Aspects considered

Select all that apply

☒ Other, please specify

(2.2.3.6) Baseline biodiversity data available

Select from:

☒ No

(2.2.3.7) Environmental Impact Statement publicly available

Select from:

☒ No

(2.2.3.8) Please explain

All our mines were established many years ago. The correct environmental procedures were done at project start. If a mine site is modified beyond the scope of the existing environmental impact permissions, we follow the correct application procedures for the location.

[Add row]

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

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

Select from:

☒ Yes

(2.2.7.2) Description of how interconnections are assessed

Risk assessments are performed per site depending on identified risks/opportunities/dependencies and impacts suitable (sustainable) solutions are planned/implemented

[Fixed row]

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

(2.3.1) Identification of priority locations

Select from:

☒ Yes, we have identified priority locations

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

Select all that apply

☒ Direct operations

(2.3.3) Types of priority locations identified

Sensitive locations

☒ Areas important for biodiversity

☒ Areas of limited water availability, flooding, and/or poor quality of water

(2.3.4) Description of process to identify priority locations

We use WRI Aqueduct to assess water stress of our operational locations. For biodiversity, we focus on our mine sites as they have the greatest potential impact on biodiversity.

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

Select from:

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

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

List of priority locations.xlsx

[Fixed row]

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

Risks

(2.4.1) Type of definition

Select all that apply

- ☒ Qualitative
- ☒ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

- ☒ Direct operating costs

(2.4.3) Change to indicator

Select from:

- ☒ Absolute increase

(2.4.5) Absolute increase/ decrease figure

5000000

(2.4.6) Metrics considered in definition

Select all that apply

- ☒ Time horizon over which the effect occurs
- ☒ Likelihood of effect occurring

(2.4.7) Application of definition

For each risk, estimated financial impact and estimated likelihood of occurrence are rated as high, medium and low. for each time horizon. Priority is then given to actions which mitigate high/high, high/med, and med/high risks - i.e. the risks that could have substantive effects on the organisation.

Opportunities

(2.4.1) Type of definition

Select all that apply

- ☒ Qualitative
- ☒ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

- ☒ Direct operating costs

(2.4.3) Change to indicator

Select from:

- ☒ Absolute increase

(2.4.5) Absolute increase/ decrease figure

5000000

(2.4.6) Metrics considered in definition

Select all that apply

- ☒ Time horizon over which the effect occurs
- ☒ Likelihood of effect occurring

(2.4.7) Application of definition

Opportunities are considered as the mitigation of substantive effects identified in the risk analysis above, for our own business and other stakeholders.

[Add row]

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

(2.5.1) Identification and classification of potential water pollutants

Select from:

☒ Yes, we identify and classify our potential water pollutants

(2.5.2) How potential water pollutants are identified and classified

Elementis uses the GHS system to classify and categorize raw materials and products. This includes ecotoxicity endpoints that also include water or marine pollutants. All of our sites have dedicated HSE staff that monitor our water quality and discharges (if any). Our site employees are engaged at the local level for water impacts with the local agencies. A number of our sites are Zero Liquid Discharge, recycling process water instead of discharging it. Six of our sites have ISO 14001 environmental management system certification.

[Fixed row]

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

Row 1

(2.5.1.1) Water pollutant category

Select from:

☒ Other synthetic organic compounds

(2.5.1.2) Description of water pollutant and potential impacts

These types of chemicals can be hazardous to human health and ecosystems. For example, we use xylene in some processes, which is classified as acutely hazardous to the aquatic environment according to the Globally Harmonized System (GHS).

(2.5.1.3) Value chain stage

Select all that apply

☒ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

- ☒ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience
- ☒ Resource recovery
- ☒ Industrial and chemical accidents prevention, preparedness, and response
- ☒ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

(2.5.1.5) Please explain

We use in-process recovery systems to recover solvent, and wastewater treatment before discharge. Many of our processes that use these substances are isolated from our site water systems, limiting any chance for a water pollution event.

[Add row]

C3. Disclosure of risks and opportunities

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

Climate change

(3.1.1) Environmental risks identified

Select from:

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

Water

(3.1.1) Environmental risks identified

Select from:

☒ Yes, only within our direct operations

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

Select from:

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

(3.1.3) Please explain

Our supply chains are able to flex and use alternate suppliers if there is any water-related disruption. Our products are sold to other businesses, minimising the chance of pollution, and we see opportunity from our ability to provide products which can replace more environmentally damaging chemicals, or do not use water, or clean up water supplies.

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:

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

(3.1.3) Please explain

Plastic production is not a part of our core business activity. Much of our packaging uses non-plastic materials, and the packaging that is made from plastic is industrial recyclable B2B drums, often with recycled content.

Biodiversity

(3.1.1) Environmental risks identified

Select from:

☒ Yes, only within our direct operations

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

Select from:

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

(3.1.3) Please explain

In our own operations, our main biodiversity risk is from a pollution incident, land use change at our mines, or the disruption to the Mojave desert tortoise near our California mine. In our supply chain, similar risks exist but we are able to flex and use alternate suppliers if there is an issue.

[Fixed row]

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

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☒ Cyclone, hurricane, typhoon

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ China

☒ Taiwan, China

(3.1.1.9) Organization-specific description of risk

Our sites are disrupted due to weather related factors, leading to delayed order fulfilment and potentially lower revenues, while increasing our cost base for repairs/prevention.

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Decreased revenues due to reduced production capacity

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

Select all that apply

- ☒ Long-term

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

Select from:

- ☒ Unlikely

(3.1.1.14) Magnitude

Select from:

- ☒ Low

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

Lower revenue in the disrupted period, potential cash flow disruption

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

Select from:

- ☒ No

(3.1.1.26) Primary response to risk

Policies and plans

- ☒ Other policies or plans, please specify :1. Continuous assessment maintenance and investment in extreme weather adaptations at sites 2. Supply chain and inventory management to cover shorter duration disruptions

(3.1.1.29) Description of response

Continuous assessment maintenance and investment in extreme weather adaptations at sites. Supply chain and inventory management to cover shorter duration disruptions

Water

(3.1.1.1) Risk identifier

Select from:

☒ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Chronic physical

☒ Water stress

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ China

☒ United States of America

(3.1.1.7) River basin where the risk occurs

Select all that apply

☒ Yangtze River (Chang Jiang)

☒ Other, please specify :Mojave

(3.1.1.9) Organization-specific description of risk

Our sites are disrupted by lack of access to clean fresh water for manufacturing product.

(3.1.1.11) Primary financial effect of the risk

Select from:

☒ Decreased revenues due to reduced production capacity

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

Select all that apply

☒ Long-term

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

Select from:

☒ Unlikely

(3.1.1.14) Magnitude

Select from:

☒ Medium-low

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

Lower revenue in the disrupted period, potential cash flow disruption

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☒ Adopt water efficiency, water reuse, recycling and conservation practices

(3.1.1.29) Description of response

Projects to minimise water withdrawal and improve water and effluent management. Some sites have access to their own borehole for water supplies.

Biodiversity

(3.1.1.1) Risk identifier

Select from:

☒ Risk10

(3.1.1.3) Risk types and primary environmental risk driver

Chronic physical

☒ Threatened species in or near mining operation

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ United States of America

(3.1.1.8) Mining project ID

Select all that apply

☒ Project 5

(3.1.1.9) Organization-specific description of risk

The Mojave desert tortoise is IUCN red-listed. Our hectorite mine is in the range of this tortoise and our activities might harm individual tortoises if they enter the mine area.

(3.1.1.11) Primary financial effect of the risk

Select from:

☒ Brand damage

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

Select all that apply

☒ Short-term

☒ Medium-term

☒ Long-term

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

Select from:

☒ Exceptionally unlikely

(3.1.1.14) Magnitude

Select from:

☒ Low

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

Minimal impact.

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☒ Other infrastructure, technology and spending, please specify :Our mine is surrounded by a tortoise-proof fence to prevent the animals entering the site.

(3.1.1.29) Description of response

If a tortoise is found inside the fence, we work with a trained professional to capture and relocate the tortoise safely outside the fence.

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Market

☒ Other market risk, please specify :Energy prices

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ China

☒ India

☒ Netherlands

☒ Taiwan, China

- ☒ Brazil
- ☒ Finland
- ☒ Germany

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

(3.1.1.9) Organization-specific description of risk

A high energy price causes increased operating costs, meaning our cost base may become uncompetitive.

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Increased indirect [operating] costs

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

Select all that apply

- ☒ Medium-term

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

Select from:

- ☒ Very likely

(3.1.1.14) Magnitude

Select from:

- ☒ Low

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

Higher operating costs. Potentially we become less competitive and revenues drop

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Pricing and credits

☒ Other pricing or credit, please specify :Energy purchase strategy that balances spot, hedged and contracted purchases Management of energy supplier contracts Increased electrification to minimise exposure to gas and liquid fuels Energy efficiency projects

(3.1.1.29) Description of response

Energy purchase strategy that balances spot, hedged and contracted purchases. Management of energy supplier contracts. Increased electrification to minimise exposure to gas and liquid fuels. Energy efficiency projects

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk4

(3.1.1.3) Risk types and primary environmental risk driver

Market

☒ Other market risk, please specify :Access to renewable electricity

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|---|--|
| <input checked="" type="checkbox"/> China | <input checked="" type="checkbox"/> Netherlands |
| <input checked="" type="checkbox"/> India | <input checked="" type="checkbox"/> Taiwan, China |
| <input checked="" type="checkbox"/> Brazil | <input checked="" type="checkbox"/> United States of America |
| <input checked="" type="checkbox"/> Finland | <input checked="" type="checkbox"/> United Kingdom of Great Britain and Northern Ireland |
| <input checked="" type="checkbox"/> Germany | |

(3.1.1.9) Organization-specific description of risk

Access to renewable/low carbon electricity is a crucial lever for us to make progress on our emission reduction plans in the near term. If demand outstrips supply, we may find it too costly to use renewable electricity, impacting our competitiveness.

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Increased indirect [operating] costs

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

Select all that apply

- ☒ Medium-term
☒ Long-term

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

Select from:

- ☒ Likely

(3.1.1.14) Magnitude

Select from:

- ☒ Medium-low

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

Higher operating costs. Potentially we become uncompetitive in terms of product carbon footprint or in product pricing and revenues drop

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☒ Other infrastructure, technology and spending, please specify :Investigate long term power purchase contracts

(3.1.1.29) Description of response

Investigate renewable/low carbon electricity supplies with multi-year contracts. Assess opportunities to build additional generating capacity primarily for our use (e.g. on-site solar). Purchase a mix of renewable and nuclear emission certificates to secure low carbon electricity at a balanced price.

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk5

(3.1.1.3) Risk types and primary environmental risk driver

Market

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

(3.1.1.4) Value chain stage where the risk occurs

Select from:

- ☒ Upstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|--|---|
| <input checked="" type="checkbox"/> China | <input checked="" type="checkbox"/> Israel |
| <input checked="" type="checkbox"/> India | <input checked="" type="checkbox"/> Turkey |
| <input checked="" type="checkbox"/> Japan | <input checked="" type="checkbox"/> Germany |
| <input checked="" type="checkbox"/> Brazil | <input checked="" type="checkbox"/> Malaysia |
| <input checked="" type="checkbox"/> Canada | <input checked="" type="checkbox"/> Singapore |
| <input checked="" type="checkbox"/> Switzerland | |
| <input checked="" type="checkbox"/> Taiwan, China | |
| <input checked="" type="checkbox"/> Republic of Korea | |
| <input checked="" type="checkbox"/> United States of America | |
| <input checked="" type="checkbox"/> United Kingdom of Great Britain and Northern Ireland | |

(3.1.1.9) Organization-specific description of risk

Key raw materials have lower availability, damaging our ability to fulfil orders, potentially lowering revenues, and/or higher raw material prices mean our cost base may become uncompetitive

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Increased production costs

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

Select all that apply

- ☒ Medium-term
- ☒ Long-term

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

Select from:

☒ Likely

(3.1.1.14) Magnitude

Select from:

☒ Medium

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

Higher costs or drop in revenue due to a lack of competitiveness

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☒ Implementing buffer stocks or dual sourcing

(3.1.1.29) Description of response

Qualification of multiple suppliers. Inventory management. Encourage climate resilience actions at key suppliers.

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk6

(3.1.1.3) Risk types and primary environmental risk driver

Reputation

☒ Increased partner and stakeholder concern or negative partner and stakeholder feedback

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Upstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ United Kingdom of Great Britain and Northern Ireland

(3.1.1.9) Organization-specific description of risk

As part of their own climate response, our investors place capital in companies with better sustainability and climate credentials, increasing our cost of capital or even limiting our capability to invest in the business

(3.1.1.11) Primary financial effect of the risk

Select from:

☒ Decreased access to capital

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

Select all that apply

☒ Medium-term

☒ Long-term

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

Select from:

☒ Unlikely

(3.1.1.14) Magnitude

Select from:

☒ Medium

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

Higher financing costs.

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Policies and plans

☒ Develop a climate transition plan

(3.1.1.29) Description of response

Clearly describe how our business strategy supports climate mitigation and brings commercial opportunities. Clear disclosure of our climate strategy, metrics and progress. Meet our SBT commitment and achieve Net Zero ambition Engage with third-party rating agencies to ensure we are fairly assessed on ESG

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk7

(3.1.1.3) Risk types and primary environmental risk driver

Market

- ☒ Other market risk, please specify :Consumer trends

(3.1.1.4) Value chain stage where the risk occurs

Select from:

- ☒ Downstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|---|--|
| <input checked="" type="checkbox"/> China | <input checked="" type="checkbox"/> Germany |
| <input checked="" type="checkbox"/> India | <input checked="" type="checkbox"/> Taiwan, China |
| <input checked="" type="checkbox"/> Brazil | <input checked="" type="checkbox"/> United States of America |
| <input checked="" type="checkbox"/> Denmark | <input checked="" type="checkbox"/> United Kingdom of Great Britain and Northern Ireland |
| <input checked="" type="checkbox"/> Finland | |

(3.1.1.9) Organization-specific description of risk

Consumers change buying habits to lower consumption or to lower climate impact products than we offer, resulting in lower revenues. Technology or regulatory developments may dramatically alter the consumer market for certain end-use applications of our products. Our geography for this risk is global.

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Decreased revenues due to reduced demand for products and services

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

Select all that apply

- ☒ Short-term

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

Select from:

☒ Very likely

(3.1.1.14) Magnitude

Select from:

☒ Medium-high

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

Lower revenues due to unattractive products, or products which have a smaller market

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Diversification

☒ Develop new products, services and/or markets

(3.1.1.29) Description of response

Innovate to ensure we are well positioned to address new market trends. Increase naturally derived content in our products, including the use of hectorite clay from our own mine. Ensure sustainable practices through the supply chain. Maintain our portfolio diversity. Monitor revenues that are directly dependent on fossil fuel consumption.

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk8

(3.1.1.3) Risk types and primary environmental risk driver

Market

☒ Changing customer behavior

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Downstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ China

☒ India

☒ Brazil

☒ Denmark

☒ Finland

☒ Germany

☒ Taiwan, China

☒ United States of America

☒ United Kingdom of Great Britain and Northern Ireland

(3.1.1.9) Organization-specific description of risk

As part of their own climate response and to lower their own Scope 3 emissions, our customers preferentially source products with lower climate impacts than we offer, resulting in lower revenues. Our geography for this risk is global.

(3.1.1.11) Primary financial effect of the risk

Select from:

☒ Decreased revenues due to reduced demand for products and services

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

Select all that apply

☒ Short-term

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

Select from:

☒ Very likely

(3.1.1.14) Magnitude

Select from:

☒ High

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

Lower revenues due to uncompetitive carbon footprint of our products.

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Diversification

☒ Develop new products, services and/or markets

(3.1.1.29) Description of response

Climate and sustainability benefits described in our product marketing. New product innovations. Finalise SBT and deliver on GHG reduction plans. Develop product life-cycle analysis.

Climate change

(3.1.1.1) Risk identifier

Select from:

☒ Risk9

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☒ Carbon pricing mechanisms

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☒ China

☒ India

☒ Brazil

☒ Finland

☒ Germany

☒ Netherlands

☒ Taiwan, China

☒ United States of America

☒ United Kingdom of Great Britain and Northern Ireland

(3.1.1.9) Organization-specific description of risk

A high global carbon price could cause a significant increase in operating costs, making us uncompetitive.

(3.1.1.11) Primary financial effect of the risk

Select from:

☒ Increased indirect [operating] costs

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

Select all that apply

☒ Long-term

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

Select from:

☒ Likely

(3.1.1.14) Magnitude

Select from:

☒ High

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

Higher operating costs. Potentially we become uncompetitive

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

Select from:

☒ Yes

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

413000

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

48860000

(3.1.1.25) Explanation of financial effect figure

For the minimum figure: We assume a global carbon price taken from NGFS current policy scenario (average of the three NGFS models) in 2040. We then assume our global Scope 1+2 (market) emissions increase from 2024 at 1.5% per year (i.e. we make no progress on emission reduction). By 2040, the cost of our direct global Scope1+2(market) emissions would be 2030 NGFS price multiplied by our projected emissions = \$413,000 For the maximum figure, we assume a carbon price taken from NGFS Net Zero 2050 scenario. We then assume our global Scope 1+2 (market) emissions increase from 2024 at 1.5% per year (i.e. we make no progress on emission reduction). By 2040, the cost of our direct global Scope1+2(market) emissions would be 2030 NGFS price multiplied by our projected emissions = \$48,860,000

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☒ Other compliance, monitoring or target, please specify :Each site has energy reduction and GHG reduction targets

(3.1.1.29) Description of response

We have set an SBT to support our continued Scope 1, 2 and 3 emission reductions. We continue energy efficiency and fuel switching projects. We investigate opportunities to directly support renewable electricity generation (e.g. on-site solar). We are increasing our low carbon electricity purchases. We make product price adjustments where necessary.

Biodiversity

(3.1.1.1) Risk identifier

Select from:

☒ Risk11

(3.1.1.3) Risk types and primary environmental risk driver

Chronic physical

☒ Change in land-use

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- ☒ Finland
- ☒ United States of America

(3.1.1.8) Mining project ID

Select all that apply

- ☒ All disclosed mining projects

(3.1.1.9) Organization-specific description of risk

Expansion of our mining activities increases the land area we disturb, temporarily impacting the flora and fauna in that location until we return the land to nature.

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Delays in securing operating licenses

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

Select all that apply

- ☒ Medium-term
- ☒ Long-term

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

Select from:

- ☒ Unlikely

(3.1.1.14) Magnitude

Select from:

- ☒ Low

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

Limited impact. Mine expansion is a multi-year process which would not impact daily operations.

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Engagement

☒ Engage with regulators/policy makers

(3.1.1.29) Description of response

Our mines are in mature jurisdictions with clear regulatory processes that we follow, working with the authorities to ensure compliance and positive outcomes for all stakeholders.

Biodiversity

(3.1.1.1) Risk identifier

Select from:

☒ Risk12

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☒ Toxic spills

(3.1.1.4) Value chain stage where the risk occurs

Select from:

- ☒ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|---|--|
| <input checked="" type="checkbox"/> China | <input checked="" type="checkbox"/> Netherlands |
| <input checked="" type="checkbox"/> India | <input checked="" type="checkbox"/> Taiwan, China |
| <input checked="" type="checkbox"/> Brazil | <input checked="" type="checkbox"/> United States of America |
| <input checked="" type="checkbox"/> Finland | <input checked="" type="checkbox"/> United Kingdom of Great Britain and Northern Ireland |
| <input checked="" type="checkbox"/> Germany | |

(3.1.1.8) Mining project ID

Select all that apply

- ☒ Project 1
- ☒ Project 2
- ☒ Project 3
- ☒ Project 4

(3.1.1.9) Organization-specific description of risk

An uncontrolled spill of toxic chemicals or mine effluent can negatively impact biodiversity.

(3.1.1.11) Primary financial effect of the risk

Select from:

- ☒ Fines, penalties or enforcement orders

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

Select all that apply

- ☒ Short-term
- ☒ Medium-term

☒ Long-term

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

Select from:

☒ Unlikely

(3.1.1.14) Magnitude

Select from:

☒ Medium

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

Potential fines in the short term. Clean up costs could run for many years.

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

Select from:

☒ No

(3.1.1.26) Primary response to risk

Compliance, monitoring and targets

☒ Implementation of environmental best practices in direct operations

(3.1.1.29) Description of response

Use of best available technologies to handle toxic chemicals, treat wastewater and prevent any accidental loss of containment from reaching the external environment.

[Add row]

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

Climate change

(3.1.2.1) Financial metric

Select from:

☒ Revenue

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

31200000

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

Select from:

☒ 1-10%

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

0

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

Select from:

☒ Less than 1%

(3.1.2.7) Explanation of financial figures

Our products can be used in applications associated with fossil-fuel extraction and consumption - for example additives that enhance drilling and stimulation processes. The NGFS Net Zero 2050 scenario shows a 60% drop in fossil fuel demand by 2040 vs 2024. Directly applying that 60% drop to our 2024 revenue from these applications gives us a revenue exposure of \$31,200,000 by 2040.

Water

(3.1.2.1) Financial metric

Select from:

☒ OPEX

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

0

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

Select from:

☒ Less than 1%

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

Select from:

☒ 1-10%

(3.1.2.7) Explanation of financial figures

Using NGFS climate tool, we estimate single digit operating cost increase % due to our global site exposure to physical water-related risks. Very difficult to put a specific cost on this.

[Add row]

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

Row 1

(3.2.1) Country/Area & River basin

Finland

☒ Other, please specify :Lake Tai Hu, China Coast

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

Select all that apply

☒ Direct operations

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

2

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

Select from:

☒ 1-25%

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

Select from:

☒ 11-20%

(3.2.11) Please explain

Our Songjiang plant and Anji plant are in areas subject to high baseline water stress and riverine flood risk. The sites are well established and designed to manage excess water. Each site has a water withdrawal reduction target, which supports effort to minimise our impact in a high water stress area.

Row 5

(3.2.1) Country/Area & River basin

India

☒ Other, please specify :Mojave

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

Select all that apply

☒ Direct operations

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

2

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

Select from:

☒ 1-25%

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

Select from:

☒ 21-30%

(3.2.11) Please explain

This is a water stressed area in the Mojave desert. Our facilities in Newberry Springs, California include our hectorite clay mine and our clay processing plant. Hectorite clay is a key ingredient in many of our products. We use water from a borehole to process the mined clay.
[Add row]

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

(3.3.1) Water-related regulatory violations

Select from:

☒ No

(3.3.3) Comment

Elementis was not subject to any water-related fines or enforcement actions in the reporting year 2024. No such violations are disclosed in the 2024 Annual Report, Climate Change report, or compliance records.
[Fixed row]

(3.4) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for violation of biodiversity-related regulation?

	Any penalties for violation of biodiversity-related regulation?	Comment
	Select from: <input checked="" type="checkbox"/> No	Elementis was not subject to any fines, enforcement orders, or other penalties related to biodiversity regulation in the reporting year 2024

[Fixed row]

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

Select from:

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

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

	Environmental opportunities identified
Climate change	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, we have identified opportunities, and some/all are being realized
Water	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, we have identified opportunities, and some/all are being realized
Biodiversity	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, we have identified opportunities, and some/all are being realized

[Fixed row]

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

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☒ Shift in consumer preferences

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- ☒ Downstream value chain

(3.6.1.8) Organization specific description

The increasing awareness for sustainability from customers and consumers is pushing the market from petrochemicals to natural technologies. The market for natural ingredients is identified to grow quicker than those of synthetic ingredients, posing therefore great potential for business development. Companies offering natural and sustainably sourced ingredients will likely have a competitive advantage and therefore generate higher sales of products. 69% (\$466M) of our 2022 Group revenue for continuing operations was from products that are natural or naturally derived, up from 66% in 2022. We believe this opportunity exists in all climate scenarios, and is highest in the Net Zero scenarios. Opportunity is global.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- ☒ Increased revenues resulting from increased demand for products and services

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

Select all that apply

- ☒ Short-term

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

Select from:

- ☒ Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

- ☒ High

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

Elementis is offering a wide portfolio of products that includes mineral and biomaterial components. These are increasingly being perceived by consumers as natural alternatives to traditional fossil-fuel derived petrochemical offerings, and this trend drives increased revenue opportunities for our current and forthcoming products.

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

Select from:

☒ No

(3.6.1.26) Strategy to realize opportunity

Our core strategy of realizing this opportunity is based on promotion and market penetration of these features, coupled with other critical product performance characteristics. Our R&D pipeline requires climate & sustainability benefits to be identified at the initial phase, so that it is clear how our portfolio evolves as the product developments progress.

Water

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp5

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Resource efficiency

☒ Use of recycling

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☒ Finland

☒ India

☒ United States of America

(3.6.1.6) River basin where the opportunity occurs

Select all that apply

- ☒ Oulujoki
- ☒ Other, please specify :Finland South, USA Mojave, India West Coast Kalu

(3.6.1.8) Organization specific description

A number of our locations are recycling water and have zero water discharge. Water related aspects are considered during design and improvement projects.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- ☒ Reduced indirect (operating) costs

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

Select all that apply

- ☒ Short-term

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

Select from:

- ☒ Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

- ☒ Medium-low

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

Water costs are relatively low for most of our sites, so the financial impact of improved water management is also low. We believe our reputation is enhanced by taking responsibility to manage water better.

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

Select from:

☒ No

(3.6.1.26) Strategy to realize opportunity

A number of our locations have found ways of recycling water - whether it is rainwater being collected to use in lab operations or recycling systems in a facility under construction that allows for Zero Discharge. Water related aspects are considered during design and improvement projects.

Biodiversity

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp8

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

☒ Increased availability of products with reduced environmental impact [other than certified products]

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Downstream value chain

(3.6.1.8) Organization specific description

We are introducing products with less ecotoxic chemicals, such as dry products that do not incorporate biocides. Opportunity is global.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- ☒ Increased revenues resulting from increased demand for products and services

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

Select all that apply

- ☒ Medium-term

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

Select from:

- ☒ Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

- ☒ Medium-low

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

With a product portfolio that gives lower impacts and meets customer demands, we ensure revenues can continue to grow.

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

Select from:

- ☒ No

(3.6.1.26) Strategy to realize opportunity

Marketing and communication of product benefits vs alternative offerings.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp2

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

☒ Increased availability of products with reduced environmental impact [other than certified products]

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Downstream value chain

(3.6.1.8) Organization specific description

Lowering the environmental impact of the products we provide is a key opportunity as more and more customers look to their suppliers to help them offer finished products with lower impacts. We develop improved products and improved processes to help this happen. For example, we recently launched a dry powdered coatings additive that can replace a product shipped with 80% water content. This significantly lowers transport costs, transport emissions and physical volume needed in logistics. We believe this opportunity is strongest in the Net Zero scenarios.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☒ Increased revenues resulting from increased demand for products and services

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

Select all that apply

☒ Medium-term

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

Select from:

☒ Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

☒ High

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

We have diverse opportunities across our business units and at various points in the value chain. Recent examples are: dry powder additives that replace water-based solutions (transport); additives that require only low activation temperature, saving customers energy in their processing (processing of sold products), increasing use of plastic additives in vehicles for light-weighting (use of sold products); and paper coatings that enable paper packaging for foods and liquids (end-of-life).

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

Select from:

☒ No

(3.6.1.26) Strategy to realize opportunity

Partnerships with bio-based suppliers and developing materials that are biodegradable and natural are a must for growth. Elementis is committed to developing new ingredients which live up to the highest sustainability standards of our customers. By pursuing development projects with a strong sustainability agenda, complementary to Elementis current product offering, Elementis will increase its share with key industry sustainability drivers.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Energy source

☒ Use of low-carbon energy sources

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Direct operations

(3.6.1.8) Organization specific description

Using low carbon energy showcases our sustainability credentials to investors, customers and employees. Investors need to demonstrate a green portfolio, customers need lower carbon content products, and employees want to be a part of the solution. Strengthening our reputation for sustainable activities with these groups can increase our revenue, lower the costs of financing and retain/attract top talent. This opportunity exists across all scenarios, but especially the Net Zero scenarios.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☒ Reduced direct costs

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

Select all that apply

☒ Medium-term

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

Select from:

☒ Virtually certain (99–100%)

(3.6.1.12) Magnitude

Select from:

☒ High

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

Lowering our energy use and decarbonising can result in lower costs to the company from carbon pricing mechanisms and rising energy costs, as well as ensuring our revenues are resilient, our employees are motivated and financing costs are lower.

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

Select from:

☒ No

(3.6.1.26) Strategy to realize opportunity

Energy efficiency investments are planned. We are exploring PPA contracts to secure renewable energy.

Water

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp6

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

☒ Other markets opportunity, please specify :sales of new products/services

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Downstream value chain

(3.6.1.8) Organization specific description

New products are developed and measured against an internal green index which includes the use of water in the product, process, and downstream. Concentrated products are preferential

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☒ Other, please specify :confidential

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

Select all that apply

☒ Medium-term

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

Select from:

☒ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☒ Low

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

The financial benefits are considered confidential.

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

Select from:

☒ No

(3.6.1.26) Strategy to realize opportunity

New products are developed and measured against an internal green index which includes the use of water in the product, process, and downstream. Concentrated products are preferential.

Water

(3.6.1.1) Opportunity identifier

Select from:

☒ Opp7

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☒ Reduced impact of product use on water resources

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☒ Downstream value chain

(3.6.1.8) Organization specific description

We have developed dry products that avoid the incorporation of biocides to prevent microbial growth during product storage. This lowers the safety and pollution risk in case of accidental release of the product, and helps safer handling at our customers.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☒ Other, please specify :confidential

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

Select all that apply

☒ Medium-term

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

Select from:

☒ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☒ Medium-low

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

The financial benefits are considered confidential.

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

Select from:

☒ No

(3.6.1.26) Strategy to realize opportunity

We have developed products that avoid the need to use biocides. This lowers the pollution risk from the end-use products our additives are included in
[Add row]

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

Climate change

(3.6.2.1) Financial metric

Select from:

☒ Revenue

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

509400000

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

Select from:

☒ 61-70%

(3.6.2.4) Explanation of financial figures

In 2024, 69% of Elementis's total revenue (\$738.3M) came from natural or naturally-derived ingredients (defined as per ISO 16128). These ingredients directly support customer sustainability goals and some can help customers reduce carbon intensity and material use. These offerings are aligned with climate-related market opportunities and sustainability-linked demand.

Water

(3.6.2.1) Financial metric

Select from:

☒ Revenue

(3.6.2.4) Explanation of financial figures

Data on this opportunity is commercially sensitive
[Add row]

C4. Governance

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

(4.1.1) Board of directors or equivalent governing body

Select from:

☒ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:

☒ More frequently than quarterly

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

Select all that apply

☒ Executive directors or equivalent

☒ Non-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 has adopted a Diversity Policy, which is available on the Company's website. The Board acknowledges the importance of diversity in its broadest sense in the boardroom as a key element of Board effectiveness. Diversity includes perspective, experience (including working internationally), background (including nationality), cognitive and personal strengths and other personal attributes, as well as diversity of gender, social background and ethnicity. We consider overall Board balance when appointing new Board members.

[Fixed row]

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

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

[Fixed row]

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

Climate change

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

Select all that apply

- ☒ Board chair
- ☒ General Counsel
- ☒ Director on board
- ☒ Board-level committee
- ☒ Chief Executive Officer (CEO)
- ☒ Chief Financial Officer (CFO)

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

Select from:

☒ Yes

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

Select all that apply

☒ Other policy applicable to the board, please specify :Division of responsibilities

(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

- | | |
|--|---|
| <input checked="" type="checkbox"/> Reviewing and guiding annual budgets | <input checked="" type="checkbox"/> Approving corporate policies and/or commitments |
| <input checked="" type="checkbox"/> Overseeing and guiding scenario analysis | <input checked="" type="checkbox"/> Overseeing and guiding public policy engagement |
| <input checked="" type="checkbox"/> Overseeing the setting of corporate targets | <input checked="" type="checkbox"/> Reviewing and guiding innovation/R&D priorities |
| <input checked="" type="checkbox"/> Monitoring progress towards corporate targets | <input checked="" type="checkbox"/> Approving and/or overseeing employee incentives |
| <input checked="" type="checkbox"/> Overseeing and guiding value chain engagement | <input checked="" type="checkbox"/> Overseeing and guiding major capital expenditures |
| <input checked="" type="checkbox"/> Monitoring the implementation of the business strategy | |
| <input checked="" type="checkbox"/> Overseeing reporting, audit, and verification processes | |
| <input checked="" type="checkbox"/> Monitoring the implementation of a climate transition plan | |
| <input checked="" type="checkbox"/> Overseeing and guiding the development of a business strategy | |
| <input checked="" type="checkbox"/> Overseeing and guiding acquisitions, mergers, and divestitures | |
| <input checked="" type="checkbox"/> Monitoring supplier compliance with organizational requirements | |
| <input checked="" type="checkbox"/> Monitoring compliance with corporate policies and/or commitments | |
| <input checked="" type="checkbox"/> Overseeing and guiding the development of a climate transition plan | |
| <input checked="" type="checkbox"/> Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities | |

(4.1.2.7) Please explain

There are 8 scheduled Board meetings per year. The CEO provides a report at each Board meeting to enable the Board's oversight of risks. The report includes consideration of sustainability-related issues as follows: climate and environmental impact KPI/target progress; sustainability management and improvement topics; upcoming regulatory changes. The VP Global Sustainability reports to the Board formally twice per year. The Board Audit committee oversees our compliance with climate-related financial regulations and compliance, and receives a formal update from management annually. The Board Remuneration committee oversees the adoption of employee financial incentives related to meeting our climate and sustainability commitments. In addition, the Board receives insurance and risk management reports which include reference to sustainability and climate-related issues. The VP Global Sustainability also chairs the Environmental Sustainability Council which meets monthly to discuss strategy and tactics, and monitor progress against goals and KPIs.

Water

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

Select all that apply

- ☒ Board chair
- ☒ Director on board
- ☒ Chief Executive Officer (CEO)
- ☒ Chief Financial Officer (CFO)
- ☒ General Counsel

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

Select from:

- ☒ Yes

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

Select all that apply

- ☒ Other policy applicable to the board, please specify :Division of responsibilities

(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 and guiding scenario analysis
- ☒ Overseeing the setting of corporate targets
- ☒ Monitoring progress towards corporate targets
- ☒ Approving corporate policies and/or commitments
- ☒ Overseeing and guiding public policy engagement
- ☒ Overseeing and guiding the development of a business strategy
- ☒ Overseeing and guiding acquisitions, mergers, and divestitures
- ☒ Monitoring compliance with corporate policies and/or commitments
- ☒ Overseeing and guiding the development of a climate transition plan
- ☒ Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities
- ☒ Reviewing and guiding innovation/R&D priorities
- ☒ Approving and/or overseeing employee incentives
- ☒ Overseeing and guiding major capital expenditures
- ☒ Monitoring the implementation of the business strategy
- ☒ Overseeing reporting, audit, and verification processes

(4.1.2.7) Please explain

There are 8 scheduled Board meetings per year. The CEO provides a report at each Board meeting to enable the Board's oversight of risks. The report includes consideration of water-related issues as follows: water impacts, risks and opportunities, KPI/target progress; sustainability management and improvement topics; upcoming regulatory changes. The VP Global Sustainability reports to the Board formally twice per year. The Board Remuneration committee oversees the adoption of employee financial incentives related to meeting our water and sustainability commitments. In addition, the Board receives insurance and risk management reports which include reference to environmental issues. The VP Global Sustainability also chairs the Environmental Sustainability Council which meets monthly to discuss strategy and tactics, and monitor progress against goals and KPIs.

Biodiversity

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

Select all that apply

- ☒ Board chair
- ☒ Chief Executive Officer (CEO)
- ☒ Other, please specify :Senior VP, Global Manufacturing and supply chain

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

Select from:

☒ No

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

Select from:

☒ Sporadic – agenda item as important matters arise

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

Select all that apply

☒ Approving corporate policies and/or commitments

(4.1.2.7) Please explain

Our sites, especially our mine sites, must include biodiversity impacts in their operating permits. If there is ever an issue in meeting requirements, it is addressed at the senior levels.

[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

☒ Integrating knowledge of environmental issues into board nominating process

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

☒ Other, please specify :Ad-hoc training depending on a Board members interests.

(4.2.3) Environmental expertise of the board member

Additional training

☒ Training in an environmental subject by a certified organization, please specify :University of Cambridge Institute of Sustainability Leadership introductory course

Other

☒ Other, please specify :Incorporating sustainability considerations into their executive roles at other companies.

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

☒ Integrating knowledge of environmental issues into board nominating process

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

☒ Other, please specify :Ad-hoc training depending on a Board members interests.

(4.2.3) Environmental expertise of the board member

Additional training

☒ Training in an environmental subject by a certified organization, please specify :University of Cambridge Institute of Sustainability Leadership introductory course

Other

☒ Other, please specify :Incorporating sustainability considerations into their executive roles at other companies.

[Fixed row]

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

	Management-level responsibility for this environmental issue
Climate change	Select from: <input checked="" type="checkbox"/> Yes
Water	Select from: <input checked="" type="checkbox"/> Yes
Biodiversity	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

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

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Committee

☒ Sustainability committee

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

☒ Assessing environmental dependencies, impacts, risks, and opportunities

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

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

Policies, commitments, and targets

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

Strategy and financial planning

- ☒ Conducting environmental scenario analysis
- ☒ Developing a climate transition plan
- ☒ Implementing a climate transition plan
- ☒ Implementing the business strategy related to environmental issues
- ☒ Managing environmental reporting, audit, and verification processes

(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

Chaired by the VP Global Sustainability. Ensures the climate strategy for the company is supported by key businesses processes. Identifies improvements to business processes. Tracks key KPI performance and challenges in implementation in operations, R&D, sales & marketing and procurement. Ensures resources are available to introduce new or enhanced activities.

Water

(4.3.1.1) Position of individual or committee with responsibility

Committee

- ☒ Sustainability committee

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

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

Policies, commitments, and targets

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

Strategy and financial planning

- ☒ Conducting environmental scenario analysis
- ☒ Implementing the business strategy related to 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

Chaired by the Global Sustainability Director. Ensures the KPIs related to our water strategy are supported by key businesses processes in operations and R&D. Tracks performance and challenges in implementation.

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Other

☒ Other, please specify :Senior VP Global Manufacturing

(4.3.1.2) Environmental responsibilities of this position

Strategy and financial planning

☒ Managing major capital and/or operational expenditures relating to 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:

☒ As important matters arise

(4.3.1.6) Please explain

Role oversees our manufacturing and mining sites and ensures they are compliant with local environmental permits and regulations.

[Add row]

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

Climate change

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

Select from:

☒ Yes

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

2.25

(4.5.3) Please explain

Elementis includes absolute Scope 1&2 GHG emissions reduction as part of the ESG targets assessed under its executive remuneration framework. Multiple different environmental sustainability targets cover 5% of the bonus, with absolute emission reduction performance contributing 1%, setting a science-based target via SBTi contributing 1%, and Scope 1&2 GHG emission intensity reduction contributing 0.25%.

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

0.25

(4.5.3) Please explain

Elementis includes reduction in water withdrawal intensity as part of the ESG targets assessed under its executive remuneration framework. Multiple different environmental sustainability targets cover 5% of the bonus, with water withdrawal intensity reduction contributing 0.25%.

Biodiversity

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

Select from:

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

(4.5.3) Please explain

Biodiversity has not been identified as a material area of risk or opportunity for Elementis based on the nature of its operations and locations. As a result, biodiversity-related metrics are not included in executive compensation plans, and there are currently no plans to introduce them. The focus remains on areas where measurable impact and accountability can be demonstrated, such as climate and water performance.

[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

Strategy and financial planning

☒ Other strategy and financial planning-related metrics, please specify :Scope 3 data verification; Product life cycle analysis expansion

Emission reduction

☒ Reduction in emissions intensity

☒ Other emission reduction-related metrics, please specify :Reduction in energy from fuels per tonne produced

Resource use and efficiency

☒ Energy efficiency improvement

Pollution

☒ Other pollution-related metrics, please specify :Reduction waste sent to third parties per tonne production.

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

The CEO has climate-related targets as part of their remuneration package. These include: - SBT and supporting decarbonisation plans completed - Absolute Scope 1&2 emission reduction - Scope 1&2 emission intensity reduction

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

We have validated a science-based reduction target via SBTi, supported by site & product decarbonisation plans. We have made capital investments to increase energy efficiency at our operating sites, which has made a large impact on our emission levels at those sites. In addition, we have also invested in full electrification of a major manufacturing process that used LPG.

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

Resource use and efficiency

☒ Reduction of water withdrawals – direct operations

☒ Improvements in water efficiency – 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

The CEO has a water withdrawal intensity reduction target as part of their remuneration package. - By 2030, reduce water withdrawals per tonne of production by 10% based on a 2019 baseline.

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

We have made capital investments to increase recycling of water at a number of our operating sites, which has made a large impact on our water withdrawals. We improved control of water addition in a manufacturing process, using less water and less energy in the subsequent drying step. In addition, we have also invested in development and manufacturing capacity for dry products which require zero water and have less use of biocides, minimising pollution risks.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☒ Chief Financial Officer (CFO)

(4.5.1.2) Incentives

Select all that apply

☒ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☒ Progress towards environmental targets

Strategy and financial planning

☒ Other strategy and financial planning-related metrics, please specify :Scope 3 data verification; expansion of product life cycle analysis

Emission reduction

☒ Reduction in emissions intensity

☒ Other emission reduction-related metrics, please specify :Reduction energy from fuels per tonne produced

Resource use and efficiency

☒ Energy efficiency improvement

Pollution

☒ Other pollution-related metrics, please specify :Reduction of waste sent to third parties per tonne production

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

The CFO has climate-related targets as part of their remuneration package. These include: - SBT and supporting decarbonisation plans completed - Absolute Scope 1&2 emission reduction - Scope 1&2 emission intensity reduction

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

We have validated a science-based reduction target via SBTi, supported by site & product decarbonisation plans. We have made capital investments to increase energy efficiency at our operating sites, which has made a large impact on our emission levels at those sites. In addition, we have also invested in full electrification of a major manufacturing process that used LPG.

Water

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- ☒ Chief Financial Officer (CFO)

(4.5.1.2) Incentives

Select all that apply

- ☒ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

- ☒ Progress towards environmental targets

Resource use and efficiency

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

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

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

(4.5.1.5) Further details of incentives

The CFO has a water withdrawal intensity reduction target as part of their remuneration package. - By 2030, reduce water withdrawals per tonne of production by 10% based on a 2019 baseline.

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

We have made capital investments to increase recycling of water at a number of our operating sites, which has made a large impact on our water withdrawals. We improved control of water addition in a manufacturing process, using less water and less energy in the subsequent drying step. In addition, we have also invested in development and manufacturing capacity for dry products which require zero water and have less use of biocides, minimising pollution risks.

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

☒ Reduction in absolute emissions in line with net-zero target

Emission reduction

☒ Reduction in absolute emissions

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☒ Long-Term Incentive Plan, or equivalent, only (e.g. contractual multi-year bonus)

(4.5.1.5) Further details of incentives

From 2025, the CEO long term incentive plan includes performance against our science-based target (SBT) for Scope 1 plus Scope 2 emission reduction. This metric contributes 10% of the total LTIP award.

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

This incentive is helping ensure the organisation is considering larger operational CAPEX investments that can reduce our fossil fuel use.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☒ Chief Financial Officer (CFO)

(4.5.1.2) Incentives

Select all that apply

☒ Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

☒ Reduction in absolute emissions in line with net-zero target

Emission reduction

☒ Reduction in absolute emissions

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☒ Long-Term Incentive Plan, or equivalent, only (e.g. contractual multi-year bonus)

(4.5.1.5) Further details of incentives

From 2025, the CFO long term incentive plan includes performance against our science-based target (SBT) for Scope 1 plus Scope 2 emission reduction. This metric contributes 10% of the total LTIP award.

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

This incentive is helping ensure the organisation is considering larger operational CAPEX investments that can reduce our fossil fuel use.
[Add row]

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

	Does your organization have any environmental policies?
	Select from:

	Does your organization have any environmental policies?
	<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

There are no exclusions to this policy in our direct operations. All sites must comply with the policy. Supplier expectations are detailed in our Business Partner Code of Conduct.

(4.6.1.5) Environmental policy content

Environmental commitments

- ☒ Commitment to comply with regulations and mandatory standards
- ☒ Commitment to take environmental action beyond regulatory compliance

Social commitments

- ☒ Other social commitment, please specify :Nothing is more important than ensuring our employees and contractors return home from work each day to their loved ones in the same or better condition as when they came to work.

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

Select all that apply

- ☒ Yes, in line with the Paris Agreement

(4.6.1.7) Public availability

Select from:

- ☒ Publicly available

(4.6.1.8) Attach the policy

HSE Policy.pdf

Row 2

(4.6.1.1) Environmental issues covered

Select all that apply

- ☒ Water

(4.6.1.2) Level of coverage

Select from:

- ☒ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

- ☒ Direct operations
- ☒ Upstream value chain

(4.6.1.4) Explain the coverage

There are no exclusions to this policy in our direct operations. All sites must comply with the policy. Supplier expectations are detailed in our Business Partner Code of Conduct.

(4.6.1.5) Environmental policy content

Water-specific commitments

- ☒ Commitment to reduce water consumption volumes
- ☒ Commitment to reduce water withdrawal volumes
- ☒ Commitment to water stewardship and/or collective action

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

Select all that apply

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

(4.6.1.7) Public availability

Select from:

- ☒ Publicly available

(4.6.1.8) Attach the policy

Elementis Water Policy Final.pdf

Row 3

(4.6.1.1) Environmental issues covered

Select all that apply

☒ Biodiversity

(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

There are no exclusions to this policy in our direct operations. All sites must comply with the policy. Supplier expectations - including no deforestation -are detailed in our Business Partner Code of Conduct.

(4.6.1.5) Environmental policy content

Environmental commitments

☒ Commitment to implementation of nature-based solutions that support landscape restoration and long-term protection of natural ecosystems

Additional references/Descriptions

☒ Description of biodiversity-related performance standards

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

Select all that apply

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

(4.6.1.7) Public availability

Select from:

☒ Publicly available

(4.6.1.8) Attach the policy

Elementis_Business_Partner_Code_of_Conduct_June_2023_FINAL_amend_Final_2025.pdf

[Add row]

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

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

Select from:

☒ Yes

(4.10.2) Collaborative framework or initiative

Select all that apply

☒ Science-Based Targets Initiative (SBTi)

☒ UN Global Compact

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

RSPO: certificate of registration in place. SBTi: Validated SBT. UNGC: Participate in the UNGC COP.

[Fixed row]

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

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

Select all that apply

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

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

Select from:

☒ 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:

☒ No

(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

Our external engagement strategy is primarily focused on customer, supplier, and investor relations, rather than influencing policy or regulation. We did not make political donations in 2024. We are members of one global trade group (IMA, Industrial Minerals Association) which provides input on behalf of members to upcoming government policy, and we contribute our perspectives to that organisation - typically the focus is clarity, practicality and implementation of incoming environmental regulation. We recognize the importance of alignment between our own environmental goals and the industry group position.

[Fixed row]

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

Row 1

(4.11.2.1) Type of indirect engagement

Select from:

- ☒ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global

- ☒ Other global trade association, please specify :Industrial Minerals Association (IMA)

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

Select all that apply

- ☒ Climate change
☒ Water

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

Select from:

- ☒ Consistent

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

Select from:

- ☒ No, we did not attempt to influence their position

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

We are aligned in our overall support for a cleaner, healthier environment. Typically the engagement focus is driving for clarity, practicality and implementation of incoming environmental regulations.

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

Select from:

☒ No, we have not evaluated

[Add row]

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

Select from:

☒ Yes

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

Row 1

(4.12.1.1) Publication

Select from:

☒ In mainstream reports, in line with environmental disclosure standards or frameworks

(4.12.1.2) Standard or framework the report is in line with

Select all that apply

☒ GRI

☒ TCFD

☒ Other, please specify :UK SECR

(4.12.1.3) Environmental issues covered in publication

Select all that apply

- ☒ Climate change
- ☒ Water
- ☒ Biodiversity

(4.12.1.4) Status of the publication

Select from:

- ☒ Complete

(4.12.1.5) Content elements

Select all that apply

- | | |
|---|---|
| <input checked="" type="checkbox"/> Strategy | <input checked="" type="checkbox"/> Value chain engagement |
| <input checked="" type="checkbox"/> Governance | <input checked="" type="checkbox"/> Dependencies & Impacts |
| <input checked="" type="checkbox"/> Emission targets | <input checked="" type="checkbox"/> Water accounting figures |
| <input checked="" type="checkbox"/> Emissions figures | <input checked="" type="checkbox"/> Water pollution indicators |
| <input checked="" type="checkbox"/> Risks & Opportunities | <input checked="" type="checkbox"/> Content of environmental policies |

(4.12.1.6) Page/section reference

Sustainability & Environmental performance: pages 30-45 Environmental data and methodological information: pages 197 - 200

(4.12.1.7) Attach the relevant publication

Elementis_Annual_Report_2024.pdf

(4.12.1.8) Comment

The 2024 Annual Report includes disclosures aligned with UK SECR, TCFD and GRI standards, detailing our climate strategy, water management, biodiversity considerations, risks and opportunities, and emissions targets.

[Add row]

C5. Business strategy

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

Climate change

(5.1.1) Use of scenario analysis

Select from:

☒ Yes

(5.1.2) Frequency of analysis

Select from:

☒ Annually

Water

(5.1.1) Use of scenario analysis

Select from:

☒ Yes

(5.1.2) Frequency of analysis

Select from:

☒ Annually

[Fixed row]

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

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☒ NGFS scenarios framework, please specify :Net zero 2050

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

☒ Chronic physical

☒ Market

☒ Reputation

☒ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

☒ 1.5°C or lower

(5.1.1.7) Reference year

2020

(5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Climate change (one of five drivers of nature change)

Regulators, legal and policy regimes

- ☒ Political impact of science (from galvanizing to paralyzing)

Relevant technology and science

- ☒ Other relevant technology and science driving forces, please specify :rate of change - fast

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Net Zero 2050 is an ambitious scenario that limits global warming to 1.5 °C through stringent climate policies and innovation, reaching net zero CO₂ emissions around 2050. Some jurisdictions such as the US, EU and Japan reach net zero for all greenhouse gases by this point. This scenario assumes that ambitious climate policies are introduced immediately. CDR is used to accelerate the decarbonisation but kept to the minimum possible and broadly in line with sustainable levels of bioenergy production. Net CO₂ emissions reach zero around 2050, giving at least a 50 % chance of limiting global warming to below 1.5 °C by the end of the century, with no or low overshoot (< 0.1 °C) of 1.5 °C in earlier years. Physical risks are relatively low but transition risks are high.

(5.1.1.11) Rationale for choice of scenario

We use NGFS as a publicly available resource that gives us insight into potential macro-trends under different futures. This scenario meets the TCFD requirement to include a 1.5C-aligned scenario.

Water

(5.1.1.1) Scenario used

Water scenarios

☒ WRI Aqueduct

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

☒ Chronic physical

(5.1.1.7) Reference year

2020

(5.1.1.8) Timeframes covered

Select all that apply

☒ 2025

☒ 2030

☒ 2050

(5.1.1.9) Driving forces in scenario

Stakeholder and customer demands

☒ Impact of nature service delivery on consumer

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

The "pessimistic" scenario (SSP5 RCP8.5) represents a future where temperatures increase up to 3.3°C to 5.7°C by 2100. SSP5 describes fossil-fuelled development: rapid economic growth and globalization powered by carbon-intensive energy, strong institutions with high investment in education and technology but a lack of global environmental concern, and the population peaking and declining in the 21st century.

(5.1.1.11) Rationale for choice of scenario

WRI Aqueduct provides us insight into water risks and how they evolve over time. We focus on water stress as a risk to the availability of fresh water, for our business and wider stakeholders. For our locations, there is no meaningful change in risk across any scenario, so we consider the pessimistic scenario.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☒ NGFS scenarios framework, please specify :Delayed transition

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

- ☒ Acute physical
- ☒ Chronic physical
- ☒ Market
- ☒ Reputation
- ☒ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

- ☒ 1.6°C - 1.9°C

(5.1.1.7) Reference year

2020

(5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Climate change (one of five drivers of nature change)

Regulators, legal and policy regimes

- ☒ Political impact of science (from galvanizing to paralyzing)

Relevant technology and science

- ☒ Other relevant technology and science driving forces, please specify :rate of change - slow then fast

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Delayed Transition assumes global annual emissions do not decrease until 2030. Strong policies are then needed to limit warming to below 2 °C. Negative emissions are limited. This scenario assumes new climate policies are not introduced until 2030 and the level of action differs across countries and regions based on currently implemented policies, leading to a “fossil recovery” out of the economic crisis brought about by COVID-19. The availability of CDR technologies is assumed to be low pushing carbon prices higher than in Net Zero 2050. As a result, emissions exceed the carbon budget temporarily and decline more rapidly than in Well-below 2 °C after 2030 to ensure a 67 % chance of limiting global warming to below 2 °C. This leads to both higher transition and physical risks than the Net Zero 2050 and Below 2 °C scenarios.

(5.1.1.11) Rationale for choice of scenario

We use NGFS as a publicly available resource that gives us insight into potential macro-trends under different futures. We feel this scenario represents the most likely way humanity will meet Net Zero

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

☒ NGFS scenarios framework, please specify :Current policies

(5.1.1.3) Approach to scenario

Select from:

☒ Qualitative

(5.1.1.4) Scenario coverage

Select from:

☒ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☒ Acute physical

- ☒ Chronic physical
- ☒ Market
- ☒ Reputation
- ☒ Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

- ☒ 3.0°C - 3.4°C

(5.1.1.7) Reference year

2020

(5.1.1.8) Timeframes covered

Select all that apply

- ☒ 2025
- ☒ 2030
- ☒ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- ☒ Climate change (one of five drivers of nature change)

Regulators, legal and policy regimes

- ☒ Political impact of science (from galvanizing to paralyzing)

Relevant technology and science

- ☒ Other relevant technology and science driving forces, please specify :rate of change - low

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Current Policies assumes that only currently implemented policies are preserved, leading to high physical risks. Emissions grow until 2080 leading to about 3 °C of warming and severe physical risks. This includes irreversible changes like higher sea level rise. This scenario can help central banks and supervisors consider the long-term physical risks to the economy and financial system if we continue on our current path to a “hot house world”.

(5.1.1.11) Rationale for choice of scenario

We use NGFS as a publicly available resource that gives us insight into potential macro-trends under different futures. This scenario ensures we have a pessimistic scenario for humanities future and therefore maximises the physical risks we would be exposed to.

[Add row]

(5.1.2) Provide details of the outcomes of your organization’s scenario analysis.

Climate change

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

- ☒ Risk and opportunities identification, assessment and management
- ☒ Target setting and transition planning

(5.1.2.2) Coverage of analysis

Select from:

- ☒ Organization-wide

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

Based on the NGFS scenarios we use, we are able to identify actions we can take to maximise opportunities, lower our risks. Our short and medium term planning includes actions to ensure we take climate related opportunities and manage risks, including in: Operations - ensuring resilience of existing assets to climate-related events, energy efficiency, and decarbonisation projects. In particular, the different energy cost projections in the scenarios, and our GHG reduction plans help us understand that potential operating costs of electrifying current fossil fuel-based manufacturing processes can be minimal or favourable, depending on how much more energy efficient electrified processes are. Marketing - to allow early identification of trends and opportunities. We are also able to assess the use of fossil fuel in the scenarios and understand how that might impact on our revenue potential from drilling additives used in fossil-fuel extraction activities. R&D - to ensure our innovation pipeline is delivering new products with improved climate-related performance Based on this assessment, we believe our strategy is fundamentally resilient

to market dynamics in different climate scenarios (including a 1.5°C Net Zero scenario), and other risks over short/ medium, long and extended periods, and provides a solid foundation to capitalise on climate related opportunities.

Water

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

- ☒ Risk and opportunities identification, assessment and management
- ☒ Target setting and transition planning

(5.1.2.2) Coverage of analysis

Select from:

- ☒ Organization-wide

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

Our sites would be disrupted by lack of access to clean fresh water for manufacturing product. Based on WRI Aqueduct scenarios, there is little projected impact on our site. However, given the localised nature of water issues, we maintain a strategy of minimising water withdrawals, through process improvements, product design changes, increased water recycling and improve water and effluent management. Some sites have access to their own borehole for water supplies. For example, we have introduced dry powder versions of NISAT additive products, as an alternative to NISATs additives in water solutions, helping lower water consumption at our manufacturing locations.

[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 :Currently in the process of developing a climate transition plan.

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

Elementis has an ambition to reach Net Zero by 2050 and have set an SBT (via SBTi) for GHG reductions. We understand our Scope 1, 2 and 3 emissions and have developed plans to lower them in line with SBT target requirements through 2034. We have not developed a detailed plan beyond 2034 due to 1) uncertainty over carbon sequestration technologies (both how much we will need to utilise and the availability of such technologies) and 2) the availability of technologies to replace high temperature fossil-fuel fed processes that our business and supply chains rely upon. We are developing LCA of our key products so we can target improvements at a product and portfolio level.

[Fixed row]

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

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

Select from:

☒ Yes, both strategy and financial planning

(5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

Select all that apply

☒ Products and services

☒ Upstream/downstream value chain

☒ Investment in R&D

☒ Operations

[Fixed row]

(5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

Products and services

(5.3.1.1) Effect type

Select all that apply

☒ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☒ Climate change

☒ Water

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Environmental and climate-related opportunities have influenced our new product development process as we work towards Elementis' purpose of 'Unique chemistry, sustainable solutions'. We have built our capability to assess cradle-to-gate life-cycle impacts of many of our key products to support transparent customer communication and work with customers to identify the most impactful opportunities. An example is our use of waste aluminium in anti-perspirants, and our efforts to minimise the amount of aluminium needed for a product to have the desired effect. Both these help Elementis and our customers meet their Scope 3 climate targets. We are prioritising innovations that reduce GHG emissions and water intensity, such as our dry powder NiSAT additives which generate less emissions in transportation and do not require water during manufacture, aligning growing customer demand for environmentally responsible products and helping us towards our own targets of GHG reduction of 35% in Scope 3 by 2034 (our SBT) and 10% reduction in water intensity by 2030. These considerations are factored into strategic decisions regarding product portfolio evolution.

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

☒ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☒ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Climate-related impacts in transportation and logistics have influenced our procurement and operational strategies. We have engaged suppliers and logistics providers to reduce both cost and GHG emissions – including consolidating loads and selecting more efficient routes. Environmental criteria are also increasingly

integrated into supplier selection processes. These initiatives are part of our wider value chain decarbonisation efforts and support our Scope 3 emissions tracking and reduction to meet our SBT.

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

☒ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☒ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Elementis' purpose is 'Unique chemistry, sustainable solutions' and consequently our R&D strategy has increasingly prioritised climate and environmental-related innovations in response to environmental risks and opportunities. This includes the development of products which offer alternatives to fossil fuel-based chemistries by using renewable, responsibly sourced bio-based feedstocks that contribute to reducing carbon intensity. We also develop products that allow our customers to use less environmentally damaging chemicals in their final product. This reflects our transition strategy toward more sustainable chemistries and our commitment to innovation that supports the shift to a low-carbon and nature-positive economy.

Operations

(5.3.1.1) Effect type

Select all that apply

☒ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☒ Climate change

☒ Water

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

We consider climate and environmental risks and opportunities to help justify operational improvement projects, and have a multiyear pipeline of identified projects. A monthly meeting is held to review progress against our environmental targets (20% reduction in energy from fuels by 2030, 10% reduction in water withdrawal by 2030, 10% reduction in waste by 2030 and GHG reduction of 59% by 2034 (our SBT). We have a dedicated continuous improvement team that identifies efficiency opportunities across the business. While financially focussed, many of these improvements bring co-benefits in improving environmental footprint too.

[Add row]

(5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

☒ Capital expenditures

(5.3.2.2) Effect type

Select all that apply

☒ Opportunities

(5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

☒ Climate change

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

Environmental risks and decarbonization opportunities are systematically considered during capital project planning and resource allocation reviews. In 2024, we spent approximately \$309,000 of CAPEX on energy efficiency projects (\$386,000 in 2023). (NOTE: These figures reflect large projects with energy savings specified in our CAPEX management system - other projects will also have a co-benefit of energy efficiency but are not necessarily captured in these figures.) These investments targeted operational improvements in areas such as efficiency gains in steam generation systems and more effective drying of products. These

improvements support our 2030 environmental targets and are aligned with our climate transition plan. We anticipate continued growth in energy-related CAPEX as part of our multiyear operational improvement pipeline.
[Add row]

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

	Identification of spending/revenue that is aligned with your organization's climate transition
	Select from: <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?

	Investment in low-carbon R&D	Comment
	Select from: <input checked="" type="checkbox"/> Yes	For example, we have invested in developing products using plant-based chemicals in place of petrochemicals.

[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 1

(5.5.3.1) Technology area

Select from:

☒ Product redesign

(5.5.3.2) Stage of development in the reporting year

Select from:

☒ Applied research and development

(5.5.3.6) Explain how your R&D investment in this technology area is aligned with your climate commitments and/or climate transition plan

We are testing the use of bio-derived chemicals for selected product lines to replace fossil-derived chemicals. These efforts are in line with our net-zero transition pathway, which prioritizes renewable raw materials and circularity. Medium-term objectives include expanding the use of recycled and reused inputs. Exact costs are commercially confidential.

[Add 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:

☒ Other, please specify :We have not assessed the impact of doing this.

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

We do use potential carbon pricing as part of our climate scenario analysis, and this informs our strategic response. However, we have not assessed the impact of using such pricing of externalities at an individual project level as so far we have been able to justify improvements without doing this. As we embed our use of climate scenarios deeper into strategic processes, we may introduce internal price of carbon scenarios to help assess capital investment projects.

[Fixed row]

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

	Engaging with this stakeholder on environmental issues	Environmental issues covered
Suppliers	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water
Customers	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water
Investors and shareholders	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water
Other value chain stakeholders	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water

[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	<i>Select from:</i> <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
Water	<i>Select from:</i> <input checked="" type="checkbox"/> No, we do not assess the dependencies and/or impacts of our suppliers, and have no plans to do so within two years

[Fixed row]

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

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

☒ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

☒ Procurement spend

☒ Product lifecycle

☒ Regulatory compliance

☒ Strategic status of suppliers

(5.11.2.4) Please explain

We focus on the suppliers with highest strategic relevance to the business and highest climate impact to understand their approach to climate change and emissions.

Water

(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:

☒ No standardized procedure

(5.11.2.4) Please explain

As long as the supplier has environmental policies in place, we do not further assess supplier water risks.

[Fixed row]

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

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance	Comment
Climate change	<p>Select from:</p> <p><input checked="" type="checkbox"/> Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts</p>	<p>Select from:</p> <p><input checked="" type="checkbox"/> No, we do not have a policy in place for addressing non-compliance</p>	Requirements are part of the business partner code of conduct
Water	<p>Select from:</p>	<p>Select from:</p>	Requirements are part of the business partner code of conduct

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance	Comment
	<input checked="" type="checkbox"/> Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts	<input checked="" type="checkbox"/> No, we do not have a policy in place for addressing non-compliance	

[Fixed row]

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

Climate change

(5.11.6.1) Environmental requirement

Select from:

☒ Other, please specify :Suppliers must take relevant steps to improve their environmental footprint which may include energy and water conservation, reduction of greenhouse gas emissions, pollution prevention, waste reduction.

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☒ Certification

☒ Supplier self-assessment

☒ Other, please specify :supplier screening

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☒ 76-99%

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

Select from:

☒ 76-99%

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

Select from:

☒ None

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

Select from:

☒ None

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

☒ No response

(5.11.6.12) Comment

We are continuing to develop our ability to assess and act on the information provided by suppliers.

Water

(5.11.6.1) Environmental requirement

Select from:

☒ Other, please specify :Suppliers must take relevant steps to reduce their environmental footprint, including energy and water conservation, reduction of greenhouse gas emissions, pollution prevention, and waste.

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- ☒ Certification
- ☒ Supplier self-assessment
- ☒ Other, please specify :supplier screening

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

- ☒ 76-99%

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

Select from:

- ☒ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

- ☒ No response

(5.11.6.12) Comment

We are continuing to develop our ability to assess and act on the information provided by suppliers.
[Add row]

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

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

☒ No other supplier engagement

Water

(5.11.7.2) Action driven by supplier engagement

Select from:

☒ No other supplier engagement

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☒ No, this engagement is unrelated to meeting an environmental requirement

[Add row]

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

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☒ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☒ Share information on environmental initiatives, progress and achievements

(5.11.9.3) % of stakeholder type engaged

Select from:

☒ Unknown

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☒ None

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

To help understand our risks and increase our attractiveness as an investment.

(5.11.9.6) Effect of engagement and measures of success

Improved understanding of our current position and future plans achieved. Investment risks related to sustainability are decreased.

Water

(5.11.9.1) Type of stakeholder

Select from:

☒ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☒ Share information about your products and relevant certification schemes

(5.11.9.3) % of stakeholder type engaged

Select from:

☒ Unknown

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

To help understand our risks and increase our attractiveness as an investment.

(5.11.9.6) Effect of engagement and measures of success

Improved understanding of our current position and future plans achieved. Investment risks related to sustainability are decreased.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☒ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

☒ Share information about your products and relevant certification schemes

Innovation and collaboration

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

(5.11.9.3) % of stakeholder type engaged

Select from:

☒ Unknown

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☒ Unknown

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

To share our strategy, progress on emissions reduction, and product carbon footprints (where available).

(5.11.9.6) Effect of engagement and measures of success

Comfort that we are contributing actively to lowering Scope 3 emissions at our customers, lowering their risk.

[Add row]

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

(5.13.1) Environmental initiatives implemented due to CDP Supply Chain member engagement

Select from:

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

(5.13.2) Primary reason for not implementing environmental initiatives

Select from:

☒ Not an immediate strategic priority

(5.13.3) Explain why your organization has not implemented any environmental initiatives

Although we recognize the value of collaborative environmental initiatives, we have not prioritized implementing initiatives specifically driven by CDP Supply Chain member engagement. Our current sustainability strategy has focused on internal improvements, product improvements, regulatory compliance, and direct customer expectations. While mutually beneficial initiatives are not an immediate strategic priority, we remain open to future engagement opportunities that align with our business needs and resource capacity. Our innovation strategy includes introducing bio based and low carbon solutions to our products.

[Fixed row]

C6. Environmental Performance - Consolidation Approach

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

	Consolidation approach used	Provide the rationale for the choice of consolidation approach
Climate change	Select from: <input checked="" type="checkbox"/> Operational control	<i>Elementis has financial control over own operations</i>
Water	Select from: <input checked="" type="checkbox"/> Operational control	<i>Elementis has financial control over own operations</i>
Plastics	Select from: <input checked="" type="checkbox"/> Operational control	<i>Elementis has financial control over own operations</i>
Biodiversity	Select from: <input checked="" type="checkbox"/> Operational control	<i>Elementis has financial control over own operations</i>

[Fixed row]

C7. Environmental performance - Climate Change

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

Select from:

☒ No

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

	Has there been a structural change?
	Select all that apply <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]

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

Select all that apply

- ☒ ISO 14064-1
- ☒ IEA CO2 Emissions from Fuel Combustion
- ☒ The Greenhouse Gas Protocol: Scope 2 Guidance
- ☒ The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard
- ☒ The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- ☒ Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019

(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	This remains unchanged.

[Fixed row]

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

Select from:

- ☒ No

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

Scope 1

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

48889

(7.5.3) Methodological details

Our Scope 1 emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 1: Our Scope 1 GHG emissions include emissions from combustion of fuels for energy, heat and vehicles, process emissions from our chemical manufacturing, refrigerants and estimated contribution from land use change at our mines. Fuels and refrigerants use consumption invoices from suppliers wherever possible, and estimates from the local teams if invoices are not available in a timely manner for reporting deadlines. We use DEFRA emission factors for Scope 1 fuels globally, and these factors include the Global Warming Potential (GWP) of CH4 and N2O. The GWP used for refrigerants is from IPCC AR6 report and specific to the actual refrigerant consumed. Biomass: CO2 from biomass is reported outside of the Scopes. CH4 and N2O emissions from biomass are included in our Scope 1. We assume diesel fuels contain biomass, and use the appropriate DEFRA factors to remove this CO2 from our Scope 1 and include it in the biomass reporting number. Results are third-party verified to ISO14064-1:2018 standard.

Scope 2 (location-based)

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

48897

(7.5.3) Methodological details

Our Scope 2 GHG emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our GHG and energy organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 2: Our Scope 2 emissions include all emissions caused by creating the electricity and steam, using invoices issued by our suppliers. We use IEA emissions factors for location-based Scope 2 emissions, except in the UK where we use DEFRA factors. Results are third-party verified to ISO14064-1:2018 standard.

Scope 2 (market-based)

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

28020

(7.5.3) Methodological details

Our Scope 2 GHG emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our GHG and energy organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 2: Our Scope 2 emissions include all emissions caused by creating the electricity and steam, using invoices issued by our suppliers. Scope 2 (market-based) emissions include power purchases associated with a Renewable Energy Certificate (REC) or Guarantee of Origin (GO). We use residual mix factors from the Association of Issuing Bodies (AIB) for European sites without an REC or GO, and use location-based factors from the IEA (and DEFRA for UK) for remaining sites market-based emissions. Results are third-party verified to ISO14064-1:2018 standard.

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

(7.5.3) Methodological details

Boundary: Cradle to gate emissions generated throughout our supply chains. Includes goods not for resale, such as professional services. Exclusions: None Method: Purchased raw materials and packaging use purchased tonnes multiplied by a suitable Ecoinvent emission factor. Water supplies use UK Defra emission factors globally. Other purchased goods and services use spend data, mapped onto EEIO sectors and multiplied by the location-specific EEIO emission factor. Assumptions: Where relevant, location is set as the location of purchase when choosing emission factors.

Scope 3 category 2: Capital goods

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

21231

(7.5.3) Methodological details

Boundary: All capital expenditure for new plant and equipment, maintenance, property and IT Exclusions: Capitalised overburden from mines Method: CAPEX project types are mapped onto EEIO sectors and spend is multiplied by the location-specific EEIO emission factor. Assumptions: Where relevant, location is set as the location of purchase when choosing emission factors.

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

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

21051

(7.5.3) Methodological details

Boundary: All energy consumption in our operations – aligns with the invoiced data used to calculate our Scope 1 and 2 emissions. Exclusions: None Method: All our fuel and energy consumption in our sites (kWh) and company cars (km) are multiplied by suitable UK Defra WTT and T&D: Transmission and distribution well-to-tank (WTT) emissions of purchased electricity and steam. Transmission and distribution (T&D) losses for electricity and steam. WTT emissions of purchased fuels.

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

131141

(7.5.3) Methodological details

Boundary: All inbound raw material transportation. Intersite transportation of finished or in-process materials. Outbound transportation of products that is paid for by Elementis. Transport modes road, rail, sea and air. Exclusions: Inbound transportation of goods not for resale (eg capital equipment, office supplies) Method: Elementis paid transport was based on incoterms of the shipment. UK Defra factors (including WTT) were applied based on the tonnage, distance and mode of transport. Assumptions: For outbound, intersite and selected raw materials covering about 15% of inbound mass, distances were calculated using sea-distances.org for sea routes; google.com/maps for rail and approx 80% of the mass transported by road; Haversine formula used to calculate air and remaining road journey distances. For the remaining inbound raw material mass, distances and mode of transport were estimated, with 19% of the mass moving globally, and 81% of the mass moving within a region. For journey legs to and from a rail, sea or air port, we assumed road transport to/from the main port in the region. For factor choice of vehicles, we used container ship (average); freight train; HGV (all diesel) average laden; non-UK international air freight.

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

5981

(7.5.3) Methodological details

Boundary: All waste generated in our operations. Exclusions: None Method: Mass of waste generated by disposal method is multiplied by a suitable Defra waste treatment emission factor. Wastewater volume discharged for off-site treatment is multiplied by a suitable Defra water treatment emission factor. Assumptions: For emission factor choice, we assume all waste sent to landfill is industrial / inorganic; all incinerated waste is carbonaceous (using mixed food and garden waste factor); reused waste is construction waste. recycled waste is mixed metal card, wood, plastic.

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

2789

(7.5.3) Methodological details

Boundary: Employee business travel in all modes. Exclusions: None Method: Our travel booking software automatically calculates journey tank-to-wheel emissions. WTT emissions were added manually using Defra factors. For travel that is not captured in the booking software, we used spend to select and location-based EEIO factor. Assumptions: Booking software description for car type had to be mapped to DEFRA car type categories.

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

1050

(7.5.3) Methodological details

Boundary: Employee commuting to an Elementis location. Exclusions: None Method: Number of employees at a location multiplied by commuting days per year (allowing for annual leave and holidays), multiplied by distance travelled by mode and Defra emission factor (including WTT). Assumptions: All employees at production sites commute 5 days a week, while corporate office employees work 1 day a week in the office. Distance per mode is assumed based on numbeo.com commuting trends per country.

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

892

(7.5.3) Methodological details

Boundary: Building leases where we do not have operational control. Exclusions: None Method: Floor area, building type and energy source are used to apply CIBSE benchmarks for annual power consumption. This is then multiplied by suitable IEA and Defra emission factors. Assumptions: Typical CIBSE benchmarks are suitable to use.

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

6620

(7.5.3) Methodological details

Boundary: Outbound transportation of products that is not paid for by Elementis. Transport modes road, rail, sea and air. Exclusions: None Method: Transport Elementis did not pay for was based on incoterms of the shipment. UK Defra factors (including WTT) were applied based on the tonnage, distance and mode of transport. Assumptions: Distances were calculated using sea-distances.org for sea routes; google.com/maps for rail and approx 80% of the mass transported by road; Haversine formula for air and remaining road journeys. For journey legs to and from a rail, sea or air port, we assumed road transport and the main port in the region. For factor choice between vehicles, we used container ship (average); freight train; HGV (all diesel) average laden; non-UK international air freight.

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

37436

(7.5.3) Methodological details

Boundary: Emissions from customers processing Elementis' sold products Exclusions: None Method: Our sold products were grouped into different applications. We selected an appropriate emission factor for the customer product from Ecoinvent, and multiplied the mass % that Elementis product takes in the final product, multiplied by the total mass of that product we sold. Assumptions: We estimated a mass % of Elementis product contained in the customer finished product, and used the maximum amount we thought likely. We estimated the typical customer processing method to help us select a suitable emission factor.

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Assessed as not relevant because all products have at least one of the following characteristics: do not consume energy during use; do not emit GHG during use; any GHG emissions stimulated are indirect (so out of scope).

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

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

31949

(7.5.3) Methodological details

Boundary: End of life treatment of Elementis products and packaging - the other components of the full final product made by our customers are out of scope. Exclusions: None Method: Defra waste treatment factors were applied to mass of product sold for that disposal route. The application we sold the product for use in, and the packaging type used, was taken into account when choosing the disposal route. Assumptions: Many of our Personal Care products are washed away or otherwise adsorbed into the body/environment and so do not have a specific waste disposal route. Products that do not degrade within 100 years are assumed to not emit GHG as per WBCSD chemical sector guidance, unless we know otherwise.

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

254

(7.5.3) Methodological details

Boundary: Building we lease to other entities. Exclusions: None Method: Floor area, building type and energy source are used to apply CIBSE benchmarks for annual power consumption. This is then multiplied by suitable IEA and Defra emission factors. Assumptions: Typical CIBSE benchmarks are suitable to use.

Scope 3 category 14: Franchises

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Assessed as not relevant because we do not operate a franchise business model.

Scope 3 category 15: Investments

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

96

(7.5.3) Methodological details

Boundary: Energy use at our joint venture, Alembic Exclusions: None Method: Floor area, building type and energy source are used to apply CIBSE benchmarks for annual power consumption. This is then multiplied by suitable Defra emission factors and our ownership share (25%). Assumptions: Typical CIBSE benchmarks are suitable to use.

Scope 3: Other (upstream)

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not applicable

Scope 3: Other (downstream)

(7.5.1) Base year end

12/31/2024

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not applicable
[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)

48889

(7.6.3) Methodological details

Our Scope 1 emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 1: Our Scope 1 GHG emissions include emissions from combustion of fuels for energy, heat and vehicles, process emissions from our chemical manufacturing, refrigerants and estimated contribution from land use change at our mines. Fuels and refrigerants use consumption invoices from suppliers wherever possible, and estimates from the local teams if invoices are not available in a timely manner for reporting deadlines. We use DEFRA emission factors for Scope 1 fuels globally, and these factors include the Global Warming Potential (GWP) of CH4 and N2O. The GWP used for refrigerants is from IPCC AR6 report and specific to the actual refrigerant consumed. Biomass: CO2 from biomass is reported outside of the Scopes. CH4 and N2O emissions from biomass are included in our Scope 1. We assume diesel fuels contain biomass, and use the appropriate DEFRA factors to remove this CO2 from our Scope 1 and include it in the biomass reporting number. Results are third-party verified to ISO14064-1:2018 standard.

Past year 1

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

41861

(7.6.2) End date

12/31/2023

(7.6.3) Methodological details

Our Scope 1 emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 1: Our Scope 1 GHG emissions include emissions from combustion of fuels for energy, heat and vehicles, process emissions from our chemical manufacturing, refrigerants and estimated contribution from land use change at our mines. Fuels and refrigerants use consumption invoices from suppliers wherever possible, and estimates from the local teams if invoices are not available in a timely manner for reporting deadlines. We use DEFRA emission factors for Scope 1 fuels globally, and these factors include the Global Warming Potential (GWP) of CH4 and N2O. The GWP used for refrigerants is specific to the actual refrigerant consumed. Biomass: CO2 from biomass is reported outside of the Scopes. CH4 and N2O emissions from biomass are included in our Scope 1. We assume diesel fuels contain biomass, and use the appropriate DEFRA factors to remove this CO2 from our Scope 1 and include it in the biomass reporting number. Results are third-party verified to ISO14064-1:2018 standard.

Past year 2

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

47666

(7.6.2) End date

12/31/2022

(7.6.3) Methodological details

Our Scope 1 emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined

Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 1: Our Scope 1 GHG emissions include emissions from combustion of fuels for energy, heat and vehicles, process emissions from our chemical manufacturing, refrigerants and estimated contribution from land use change at our mines. Fuels and refrigerants use consumption invoices from suppliers wherever possible, and estimates from the local teams if invoices are not available in a timely manner for reporting deadlines. We use DEFRA emission factors for Scope 1 fuels globally, and these factors include the Global Warming Potential (GWP) of CH₄ and N₂O. The GWP used for refrigerants is specific to the actual refrigerant consumed. Biomass: CO₂ from biomass is reported outside of the Scopes. CH₄ and N₂O emissions from biomass are included in our Scope 1. We assume diesel fuels contain biomass, and use the appropriate DEFRA factors to remove this CO₂ from our Scope 1 and include it in the biomass reporting number. Results are third-party verified to ISO14064-1:2018 standard.

Past year 3

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

49060

(7.6.2) End date

12/31/2021

(7.6.3) Methodological details

Our Scope 1 emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO₂ equivalent (CO₂e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 1: Our Scope 1 GHG emissions include emissions from combustion of fuels for energy, heat and vehicles, process emissions from our chemical manufacturing, refrigerants and estimated contribution from land use change at our mines. Fuels and refrigerants use consumption invoices from suppliers wherever possible, and estimates from the local teams if invoices are not available in a timely manner for reporting deadlines. We use DEFRA emission factors for Scope 1 fuels globally, and these factors include the Global Warming Potential (GWP) of CH₄ and N₂O. The GWP used for refrigerants is specific to the actual refrigerant consumed. Biomass: CO₂ from biomass is reported outside of the Scopes. CH₄ and N₂O emissions from biomass are included in our Scope 1. We assume diesel fuels contain biomass, and use the appropriate DEFRA factors to remove this CO₂ from our Scope 1 and include it in the biomass reporting number. Results are third-party verified to ISO14064-1:2018 standard.

Past year 4

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

(7.6.2) End date

12/31/2020

(7.6.3) Methodological details

Our Scope 1 emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 1: Our Scope 1 GHG emissions include emissions from combustion of fuels for energy, heat and vehicles, process emissions from our chemical manufacturing, refrigerants and estimated contribution from land use change at our mines. Fuels and refrigerants use consumption invoices from suppliers wherever possible, and estimates from the local teams if invoices are not available in a timely manner for reporting deadlines. We use DEFRA emission factors for Scope 1 fuels globally, and these factors include the Global Warming Potential (GWP) of CH4 and N2O. The GWP used for refrigerants is specific to the actual refrigerant consumed. Biomass: CO2 from biomass is reported outside of the Scopes. CH4 and N2O emissions from biomass are included in our Scope 1. We assume diesel fuels contain biomass, and use the appropriate DEFRA factors to remove this CO2 from our Scope 1 and include it in the biomass reporting number. Results are third-party verified to ISO14064-1:2018 standard.

Past year 5**(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)**

58469

(7.6.2) End date

12/31/2019

(7.6.3) Methodological details

Our Scope 1 emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 1: Our Scope 1 GHG emissions include emissions from combustion of fuels for energy, heat and vehicles, process emissions from our

chemical manufacturing, refrigerants and estimated contribution from land use change at our mines. Fuels and refrigerants use consumption invoices from suppliers wherever possible, and estimates from the local teams if invoices are not available in a timely manner for reporting deadlines. We use DEFRA emission factors for Scope 1 fuels globally, and these factors include the Global Warming Potential (GWP) of CH₄ and N₂O. The GWP used for refrigerants is specific to the actual refrigerant consumed. Biomass: CO₂ from biomass is reported outside of the Scopes. CH₄ and N₂O emissions from biomass are included in our Scope 1. We assume diesel fuels contain biomass, and use the appropriate DEFRA factors to remove this CO₂ from our Scope 1 and include it in the biomass reporting number. Results are third-party verified to ISO14064-1:2018 standard.

[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)

48897

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

28020

(7.7.4) Methodological details

Our Scope 2 GHG emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO₂ equivalent (CO₂e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our GHG and energy organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 2: Our Scope 2 emissions include all emissions caused by creating the electricity and steam, using invoices issued by our suppliers. We use IEA emissions factors for location-based Scope 2 emissions, except in the UK where we use DEFRA factors. Scope 2 (market-based) emissions include power purchases associated with a Renewable Energy Certificate (REC) or Guarantee of Origin (GO). We use residual mix factors from the Association of Issuing Bodies (AIB) for European sites without an REC or GO, and use location-based factors for remaining sites market-based emissions. Results are third-party verified to ISO14064-1:2018 standard.

Past year 1

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

44623

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

23394

(7.7.3) End date

12/31/2023

(7.7.4) Methodological details

Our Scope 2 GHG emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our GHG and energy organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 2: Our Scope 2 emissions include all emissions caused by creating the electricity and steam, using invoices issued by our suppliers. We use IEA emissions factors for location-based Scope 2 emissions, except in the UK where we use DEFRA factors. Scope 2 (market-based) emissions include power purchases associated with a Renewable Energy Certificate (REC) or Guarantee of Origin (GO). We use residual mix factors from the Association of Issuing Bodies (AIB) for European sites without an REC or GO, and use location-based factors for remaining sites market-based emissions. Results are third-party verified to ISO14064-1:2018 standard.

Past year 2

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

42956

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

19401

(7.7.3) End date

12/31/2022

(7.7.4) Methodological details

Our Scope 2 GHG emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our GHG and energy organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 2: Our Scope 2 emissions include all emissions caused by creating the electricity and steam, using invoices issued by our suppliers. We use IEA emissions factors for location-based Scope 2 emissions, except in the UK where we use DEFRA factors. Scope 2 (market-based) emissions include power purchases associated with a Renewable Energy Certificate (REC) or Guarantee of Origin (GO). We use residual mix factors from the Association of Issuing Bodies (AIB) for European sites without an REC or GO, and use location-based factors for remaining sites market-based emissions. Results are third-party verified to ISO14064-1:2018 standard.

Past year 3

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

53447

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

26183

(7.7.3) End date

12/31/2021

(7.7.4) Methodological details

Our Scope 2 GHG emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our GHG and energy organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 2: Our Scope 2 emissions include all emissions caused by creating the electricity and steam, using invoices issued by our suppliers. We use IEA emissions factors for location-based Scope 2 emissions, except in the UK where we use DEFRA factors. Scope 2 (market-based) emissions include power purchases associated with a Renewable Energy Certificate (REC) or Guarantee of Origin (GO). We use residual mix factors from the Association of Issuing Bodies (AIB) for European sites without an REC or GO, and use location-based factors for remaining sites market-based emissions. Results are third-party verified to ISO14064-1:2018 standard.

Past year 4

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

60501

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

94332

(7.7.3) End date

12/31/2020

(7.7.4) Methodological details

Our Scope 2 GHG emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our GHG and energy organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 2: Our Scope 2 emissions include all emissions caused by creating the electricity and steam, using invoices issued by our suppliers. We use IEA emissions factors for location-based Scope 2 emissions, except in the UK where we use DEFRA factors. Scope 2 (market-based) emissions include power purchases associated with a Renewable Energy Certificate (REC) or Guarantee of Origin (GO). We use residual mix factors from the Association of Issuing Bodies (AIB) for European sites without an REC or GO, and use location-based factors for remaining sites market-based emissions. Results are third-party verified to ISO14064-1:2018 standard.

Past year 5

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

64457

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

99957

(7.7.3) End date

12/31/2019

(7.7.4) Methodological details

Our Scope 2 GHG emissions are calculated with reference to the GHG Protocol Corporate Standard (2015 revision). We report in tonnes of CO2 equivalent (CO2e) and include all gases in the GHG Protocol. We do not include any purchased offsets in our GHG inventory. We take an operational control approach to defining our GHG and energy organisational boundary. This approach is consistent with our financial statements. This means our joint venture equity ownerships are excluded from our combined Scope 1 and 2 footprint but are included in Scope 3 Category 15 (Investments). Data from new facilities are included from the date we take control and the facility becomes operational. Scope 2: Our Scope 2 emissions include all emissions caused by creating the electricity and steam, using invoices issued by our suppliers. We use IEA emissions factors for location-based Scope 2 emissions, except in the UK where we use DEFRA factors. Scope 2 (market-based) emissions include power purchases associated with a Renewable Energy Certificate (REC) or Guarantee of Origin (GO). We use residual mix factors from the Association of Issuing Bodies (AIB) for European sites without an REC or GO, and use location-based factors for remaining sites market-based emissions. Results are third-party verified to ISO14064-1:2018 standard.

[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)

338743

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

☒ Spend-based method

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

0

(7.8.5) Please explain

Boundary: Cradle to gate emissions generated throughout our supply chains. Includes goods not for resale, such as professional services. Exclusions: None Method: Purchased raw materials and packaging use purchased tonnes multiplied by a suitable Ecoinvent emission factor. Water supplies use UK Defra emission factors globally. Other purchased goods and services use spend data, mapped onto EEIO sectors and multiplied by the location-specific EEIO emission factor. Assumptions: Where relevant, location is set as the location of purchase when choosing emission factors. Third-party verified?: Yes Relevant?: Considered relevant due size, influence we have over product designs and suppliers, and overall importance to our business model.

Capital goods

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

21231

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average spend-based method

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

0

(7.8.5) Please explain

Boundary: All capital expenditure for new plant and equipment, maintenance, property and IT Exclusions: Capitalised overburden from mines Method: CAPEX project types are mapped onto EEIO sectors and spend is multiplied by the location-specific EEIO emission factor. Assumptions: Where relevant, location is set as the location of purchase when choosing emission factors. Third-party verified?: Yes Relevant?: Not considered relevant due to lack of influence, complexity to track physical components compared to spend, and relatively small size.

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

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

21051

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

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

0

(7.8.5) Please explain

Boundary: All energy consumption in our operations – aligns with the invoiced data used to calculate our Scope 1 and 2 emissions. Exclusions: None Method: All our fuel and energy consumption in our sites (kWh) and company cars (km) are multiplied by suitable UK Defra WTT and T&D: Transmission and distribution well-to-tank (WTT) emissions of purchased electricity and steam. Transmission and distribution (T&D) losses for electricity and steam. WTT emissions of purchased fuels. Assumptions: None Third-party verified?: Yes Relevant?: Not considered relevant due to lack of control and relatively small size. We try to minimise our energy use, but we cannot influence the energy distribution system

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

131141

(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

(7.8.5) Please explain

Boundary: All inbound raw material transportation. Intersite transportation of finished or in-process materials. Outbound transportation of products that is paid for by Elementis. Transport modes road, rail, sea and air. Exclusions: Inbound transportation of goods not for resale (eg capital equipment, office supplies) Method: Elementis paid transport was based on incoterms of the shipment. UK Defra factors (including WTT) were applied based on the tonnage, distance and mode of transport. Assumptions: For outbound, intersite and selected raw materials covering about 15% of inbound mass, distances were calculated using sea-distances.org for sea routes; google.com/maps for rail and approx 80% of the mass transported by road; Haversine formula used to calculate air and remaining road journey distances. For the remaining inbound raw material mass, distances and mode of transport were estimated, with 19% of the mass moving globally, and 81% of the mass moving within a region. For journey legs to and from a rail, sea or air port, we assumed road transport to/from the main port in the region. For factor choice of vehicles, we used container ship (average); freight train; HGV (all diesel) average laden; non-UK international air freight. Third-party verified?: Yes Relevant?: Considered relevant due to the large size. We have some control over network optimisation and some influence over transport mode / service providers.

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

5981

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

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

0

(7.8.5) Please explain

Boundary: All waste generated in our operations. Exclusions: None Method: Mass of waste generated by disposal method is multiplied by a suitable Defra waste treatment emission factor. Wastewater volume discharged for off-site treatment is multiplied by a suitable Defra water treatment emission factor. Assumptions: For emission factor choice, we assume all waste sent to landfill is industrial / inorganic; all incinerated waste is carbonaceous (using mixed food and garden waste factor); reused waste is construction waste. recycled waste is mixed metal card, wood, plastic. Third-party verified?: Yes Relevant?: Considered relevant despite small size as a key driver in our manufacturing business is efficiently utilising all material inputs into valuable outputs, and we can influence / choose service providers.

Business travel

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

2789

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Spend-based method

☒ Distance-based method

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

0

(7.8.5) Please explain

Boundary: Employee business travel in all modes. Exclusions: None Method: Our travel booking software automatically calculates journey tank-to-wheel emissions. WTT emissions were added manually using Defra factors. For travel that is not captured in the booking software, we used spend to select and location-based EEIO factor. Assumptions: Booking software description for car type had to be mapped to DEFRA car type categories. Third-party verified?: Yes Relevant?: Not considered relevant due to lack of control and small size. We anyway try to minimise unnecessary travel and our travel booking platform promotes train journeys over air journeys when feasible.

Employee commuting

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

1050

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

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

0

(7.8.5) Please explain

Boundary: Employee commuting to an Elementis location. Exclusions: None Method: Number of employees at a location multiplied by commuting days per year (allowing for annual leave and holidays), multiplied by distance travelled by mode and Defra emission factor (including WTT). Assumptions: All employees at production sites commute 5 days a week, while corporate office employees work 1 day a week in the office. Distance per mode is assumed based on numbeo.com commuting trends per country. Third-party verified?: Yes Relevant?: Not considered relevant due to lack of control and small size. We do offer UK employees tax efficient bicycle and electric vehicle purchase schemes.

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

892

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

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

0

(7.8.5) Please explain

Boundary: Building leases where we do not have operational control. Exclusions: None Method: Floor area, building type and energy source are used to apply CIBSE benchmarks for annual power consumption. This is then multiplied by suitable IEA and Defra emission factors. Assumptions: Typical CIBSE benchmarks are suitable to use. Third-party verified?: Yes Relevant?: Not considered relevant due to lack of operational control and small size

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

6620

(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

(7.8.5) Please explain

Boundary: Outbound transportation of products that is not paid for by Elementis. Transport modes road, rail, sea and air. Exclusions: None Method: Transport Elementis did not pay for was based on incoterms of the shipment. UK Defra factors (including WTT) were applied based on the tonnage, distance and mode of transport. Assumptions: Distances were calculated using sea-distances.org for sea routes; google.com/maps for rail and approx 80% of the mass transported by road; Haversine formula for air and remaining road journeys. For journey legs to and from a rail, sea or air port, we assumed road transport and the main port in the region. For factor choice between vehicles, we used container ship (average); freight train; HGV (all diesel) average laden; non-UK international air freight. Third-party verified?: Yes Relevant?: Considered not relevant as a we have no control over how our customers move a product, and this cateogry makes a small portion of our total transport emissions

Processing of sold products

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

37436

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

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

(7.8.5) Please explain

Boundary: Emissions from customers processing Elementis' sold products Exclusions: None Method: Our sold products were grouped into different applications. We selected an appropriate emission factor for the customer product from Ecoinvent, and multiplied the mass % that Elementis product takes in the final product, multiplied by the total mass of that product we sold. Assumptions: We estimated a mass % of Elementis product contained in the customer finished product, and used the maximum amount we thought likely. We estimated the typical customer processing method to help us select a suitable emission factor. Third-party verified?: Yes Relevant?: Assessed as not relevant because our products generally do not influence the processing choices our customers make to reach their final products.

Use of sold products

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

Assessed as not relevant because all products have at least one of the following characteristics: do not consume energy during use; do not emit GHG during use; any GHG emissions stimulated are indirect (so out of scope).

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

☒ Relevant, calculated

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

31949

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

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

0

(7.8.5) Please explain

Boundary: End of life treatment of Elementis products and packaging - the other components of the full final product made by our customers are out of scope. Exclusions: None Method: Defra waste treatment factors were applied to mass of product sold for that disposal route. The application we sold the product for use in, and the packaging type used, was taken into account when choosing the disposal route. Assumptions: Many of our Personal Care products are washed away or otherwise adsorbed into the body/environment and so do not have a specific waste disposal route. Products that do not degrade within 100 years are assumed to not emit GHG as per WBCSD chemical sector guidance, unless we know otherwise. Third-party verified?: Yes Relevant?: Not considered relevant due to lack of control on how our products are used and disposed of. Also, many of our products contain a proportion of minerals that do not contribute to GHG emission however they are disposed.

Downstream leased assets

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

254

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

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

0

(7.8.5) Please explain

Boundary: Building we lease to other entities. Exclusions: None Method: Floor area, building type and energy source are used to apply CIBSE benchmarks for annual power consumption. This is then multiplied by suitable IEA and Defra emission factors. Assumptions: Typical CIBSE benchmarks are suitable to use. Third-party verified?: Yes Relevant?: Not considered relevant due to lack of operational control and small size

Franchises

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

Assessed as not relevant because we do not operate a franchise business model.

Investments

(7.8.1) Evaluation status

Select from:

☒ Not relevant, calculated

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

96

(7.8.3) Emissions calculation methodology

Select all that apply

☒ Average data method

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

(7.8.5) Please explain

Boundary: Energy use at our joint venture, Alembic Exclusions: None Method: Floor area, building type and energy source are used to apply CIBSE benchmarks for annual power consumption. This is then multiplied by suitable Defra emission factors and our ownership share (25%). Assumptions: Typical CIBSE benchmarks are suitable to use. Third-party verified?: Yes Relevant?: Not considered relevant due to lack of operational control and small size

Other (upstream)

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

Based on the category boundaries and business model, no other relevant GHG emissions expected

Other (downstream)

(7.8.1) Evaluation status

Select from:

☒ Not relevant, explanation provided

(7.8.5) Please explain

Based on the category boundaries and business model, no other relevant GHG emissions expected
[Fixed row]

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

	Verification/assurance status
Scope 1	<i>Select from:</i> <input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	<i>Select from:</i> <input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 3	<i>Select from:</i> <input checked="" type="checkbox"/> Third-party verification or assurance process in place

[Fixed row]

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

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:

☒ Annual process

(7.9.1.2) Status in the current reporting year

Select from:

☒ Complete

(7.9.1.3) Type of verification or assurance

Select from:

☒ Reasonable assurance

(7.9.1.4) Attach the statement

Verification Statement_4092263_Elementis CCF 2024.pdf

(7.9.1.5) Page/section reference

Page 1,

(7.9.1.6) Relevant standard

Select from:

☒ ISO14064-3

(7.9.1.7) Proportion of reported emissions verified (%)

100

[Add row]

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

Row 1

(7.9.2.1) Scope 2 approach

Select from:

☒ Scope 2 location-based

(7.9.2.2) Verification or assurance cycle in place

Select from:

☒ Annual process

(7.9.2.3) Status in the current reporting year

Select from:

☒ Complete

(7.9.2.4) Type of verification or assurance

Select from:

☒ Reasonable assurance

(7.9.2.5) Attach the statement

Verification Statement_4092263_Elementis CCF 2024.pdf

(7.9.2.6) Page/ section reference

Page 1,

(7.9.2.7) Relevant standard

Select from:

☒ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

100
[Add row]

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

Row 1

(7.9.3.1) Scope 3 category

Select all that apply

☒ Scope 3: Purchased goods and services

(7.9.3.2) Verification or assurance cycle in place

Select from:

☒ Annual process

(7.9.3.3) Status in the current reporting year

Select from:

☒ Complete

(7.9.3.4) Type of verification or assurance

Select from:

☒ Reasonable assurance

(7.9.3.5) Attach the statement

Verification Statement_4092263_Elementis CCF 2024.pdf

(7.9.3.6) Page/section reference

Page 1

(7.9.3.7) Relevant standard

Select from:

☒ ISO14064-3

(7.9.3.8) Proportion of reported emissions verified (%)

100

[Add row]

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

Select from:

☒ Increased

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

Change in renewable energy consumption

(7.10.1.1) Change in emissions (metric tons CO₂e)

497

(7.10.1.2) Direction of change in emissions

Select from:

☒ Decreased

(7.10.1.3) Emissions value (percentage)

0.7616

(7.10.1.4) Please explain calculation

Emissions reduction achieved due to increased procurement of renewable electricity. $(-497 / 65255) \times 100 = -0.7616\%$

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO₂e)

2752

(7.10.1.2) Direction of change in emissions

Select from:

☒ Decreased

(7.10.1.3) Emissions value (percentage)

4.2173

(7.10.1.4) Please explain calculation

Electrification of a fuel-based manufacturing process $(-2752 / 65255) \times 100 = -4.2173\%$

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

0

Acquisitions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

Mergers

(7.10.1.1) Change in emissions (metric tons CO2e)

0

Change in output

(7.10.1.1) Change in emissions (metric tons CO2e)

14902

(7.10.1.2) Direction of change in emissions

Select from:

☒ Increased

(7.10.1.3) Emissions value (percentage)

22.8366

(7.10.1.4) Please explain calculation

Production levels different across all sites, with a net increase after consolidation. Mix (site and product) different vs last year. This row also includes energy efficiencies made but which can't easily be unpicked from site data easily $(+14902 / 65255) \times 100 = +22.8366\%$

Change in methodology

(7.10.1.1) Change in emissions (metric tons CO2e)

0

Change in boundary

(7.10.1.1) Change in emissions (metric tons CO2e)

0

Change in physical operating conditions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

Unidentified

(7.10.1.1) Change in emissions (metric tons CO2e)

0

Other

(7.10.1.1) Change in emissions (metric tons CO2e)

0

[Fixed row]

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

Select from:

☒ Market-based

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

Select from:

☒ Yes

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

	CO2 emissions from biogenic carbon (metric tons CO2)	Comment
	3069	One biomass boiler in our Anji, China site.

[Fixed row]

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

Select from:

☒ Yes

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

Row 1

(7.15.1.1) Greenhouse gas

Select from:

☒ CO2

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

48412

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 2

(7.15.1.1) Greenhouse gas

Select from:

☒ CH4

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

157

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 3

(7.15.1.1) Greenhouse gas

Select from:

☒ N2O

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

52

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 4

(7.15.1.1) Greenhouse gas

Select from:

☒ HFCs

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

268

(7.15.1.3) GWP Reference

Select from:

☒ IPCC Sixth Assessment Report (AR6 - 100 year)

[Add row]

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

Brazil

(7.16.1) Scope 1 emissions (metric tons CO2e)

182.42

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

23.92

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

23.92

China

(7.16.1) Scope 1 emissions (metric tons CO2e)

2550.43

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

3495.99

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

3495.99

Finland

(7.16.1) Scope 1 emissions (metric tons CO2e)

1455.84

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

8121.08

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

0

Germany

(7.16.1) Scope 1 emissions (metric tons CO2e)

681.3

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

1361.38

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

1984.02

India

(7.16.1) Scope 1 emissions (metric tons CO2e)

6283.51

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

1171.59

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

1171.59

Netherlands

(7.16.1) Scope 1 emissions (metric tons CO2e)

2080.24

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

9292.83

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

0

Portugal

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

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

0.19

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

0.64

Taiwan, China

(7.16.1) Scope 1 emissions (metric tons CO2e)

480.36

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

3189.94

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

3189.94

United Kingdom of Great Britain and Northern Ireland

(7.16.1) Scope 1 emissions (metric tons CO2e)

7323

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

1879

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

396

United States of America

(7.16.1) Scope 1 emissions (metric tons CO2e)

29045.67

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

10486.89

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

8002.9

[Fixed row]

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

Select all that apply

☒ By facility

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

Row 1

(7.17.2.1) Facility

Ludwigshafen

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

583.97

(7.17.2.3) Latitude

49.477401

(7.17.2.4) Longitude

8.444745

Row 2

(7.17.2.1) Facility

Anji

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

864.57

(7.17.2.3) Latitude

30.638674

(7.17.2.4) Longitude

119.680353

Row 3

(7.17.2.1) Facility

East Windsor

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

773.86

(7.17.2.3) Latitude

40.28674

(7.17.2.4) Longitude

-74.554278

Row 4

(7.17.2.1) Facility

St Louis

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

8978.31

(7.17.2.3) Latitude

38.623023

(7.17.2.4) Longitude

-90.278618

Row 5

(7.17.2.1) Facility

Vuonos

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1235.89

(7.17.2.3) Latitude

62.761524

(7.17.2.4) Longitude

29.090969

Row 7

(7.17.2.1) Facility

New Martinsville

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2.51

(7.17.2.3) Latitude

39.643136

(7.17.2.4) Longitude

-80.86519

Row 8**(7.17.2.1) Facility**

Hsinchu

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

480.36

(7.17.2.3) Latitude

24.813828

(7.17.2.4) Longitude

120.967479

Row 9**(7.17.2.1) Facility**

Katwijk

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

10.23

(7.17.2.3) Latitude

52.199251

(7.17.2.4) Longitude

4.411413

Row 10

(7.17.2.1) Facility

Amsterdam

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2070.01

(7.17.2.3) Latitude

52.367573

(7.17.2.4) Longitude

4.904138

Row 11

(7.17.2.1) Facility

Songjiang

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

462.89

(7.17.2.3) Latitude

31.032243

(7.17.2.4) Longitude

121.227747

Row 12

(7.17.2.1) Facility

Sotkamo

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

219.94

(7.17.2.3) Latitude

64.130654

(7.17.2.4) Longitude

28.390497

Row 13

(7.17.2.1) Facility

Newberry Springs plant

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

14320.5

(7.17.2.3) Latitude

34.82962

(7.17.2.4) Longitude

-116.676073

Row 14

(7.17.2.1) Facility

Huguenot

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2763.94

(7.17.2.3) Latitude

41.420299

(7.17.2.4) Longitude

-74.633547

Row 15

(7.17.2.1) Facility

Palmital

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

182.42

(7.17.2.3) Latitude

-22.789873

(7.17.2.4) Longitude

-50.206705

Row 16**(7.17.2.1) Facility**

Livingston

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

7323.39

(7.17.2.3) Latitude

55.900708

(7.17.2.4) Longitude

-3.518068

Row 17**(7.17.2.1) Facility**

Taloja

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

6283.51

(7.17.2.3) Latitude

19.063011

(7.17.2.4) Longitude

73.120891

Row 18

(7.17.2.1) Facility

Milwaukee

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

362.32

(7.17.2.3) Latitude

43.025738

(7.17.2.4) Longitude

-87.904536

Row 19

(7.17.2.1) Facility

Middletown

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1194.57

(7.17.2.3) Latitude

41.445049

(7.17.2.4) Longitude

-74.420021

Row 20**(7.17.2.1) Facility**

Newberry Springs mine

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

617.84

(7.17.2.3) Latitude

34.82962

(7.17.2.4) Longitude

-116.676073

Row 21**(7.17.2.1) Facility**

Cologne

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

42.74

(7.17.2.3) Latitude

50.81802

(7.17.2.4) Longitude

6.968991

Row 22

(7.17.2.1) Facility

Porto

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

0

(7.17.2.3) Latitude

41.15147

(7.17.2.4) Longitude

-8.59912

Row 23

(7.17.2.1) Facility

Non-stationary sources

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

114.82

(7.17.2.3) Latitude

0

(7.17.2.4) Longitude

0

[Add row]

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

Chemicals production activities

(7.19.1) Gross Scope 1 emissions, metric tons CO2e

47957

(7.19.3) Comment

This figure represents direct emissions from fuel combustion and process-related emissions across all Elementis chemical manufacturing sites. Scope 1 data verified externally (see Annual Report 2024, p. 41). Non-production emissions (e.g., offices, transport) excluded in line with CDP guidance.

[Fixed row]

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

Select all that apply

☒ By facility

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

Row 1

(7.20.2.1) Facility

Hsinchu

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

3189.94

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

3189.94

Row 2

(7.20.2.1) Facility

New Martinsville

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

1019.41

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

1019.41

Row 3

(7.20.2.1) Facility

Palmital

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

22.92

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

22.92

Row 4

(7.20.2.1) Facility

Huguenot

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

1401.79

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

0

Row 5

(7.20.2.1) Facility

Songjiang

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

1177.31

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

1177.31

Row 6

(7.20.2.1) Facility

Katwijk

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

129.55

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

0

Row 7

(7.20.2.1) Facility

St Louis

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

4667.46

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

4667.46

Row 8

(7.20.2.1) Facility

Eaglescliffe

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

205.49

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

385.48

Row 9

(7.20.2.1) Facility

Ludwigshafen

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

1321.82

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

1906.36

Row 10

(7.20.2.1) Facility

Amsterdam

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

9282.6

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

0

Row 11

(7.20.2.1) Facility

Newberry Springs plant

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

1205.32

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

1205.32

Row 12

(7.20.2.1) Facility

Anji

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

1515.48

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

1515.48

Row 13

(7.20.2.1) Facility

Livingston

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

1667.97

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

0

Row 14

(7.20.2.1) Facility

Taloja

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

11699.92

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

11699.92

Row 15

(7.20.2.1) Facility

Cologne

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

39.57

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

77.66

Row 16

(7.20.2.1) Facility

Sotkamo

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

5262.86

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

0

Row 17

(7.20.2.1) Facility

Vuonos

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

2858.22

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

0

Row 18

(7.20.2.1) Facility

SciPark

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

1069.62

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

1069.62

Row 19

(7.20.2.1) Facility

Milwaukee

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

296.86

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

0

Row 20

(7.20.2.1) Facility

Middletown

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

785.34

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

0

Row 21

(7.20.2.1) Facility

London

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

5.58

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

10.46

Row 22

(7.20.2.1) Facility

China offices

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

17.87

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

17.87

Row 23

(7.20.2.1) Facility

Newberry Springs mine

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

1205.32

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

1205.32

Row 24

(7.20.2.1) Facility

Mumbai

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

11.67

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

11.67

Row 25

(7.20.2.1) Facility

Porto

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

0.19

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

0.64

Row 26

(7.20.2.1) Facility

Sao Paolo

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

1

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

1
[Add row]

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

Chemicals production activities

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

47546

(7.21.2) Scope 2, market-based (if applicable), metric tons CO2e

24930

(7.21.3) Comment

Data represents gross electricity-related emissions across all chemical production operations. Source: Annual Report 2024, page 41. Market-based figures reflect emissions from contractual instruments (REC, GoO); location-based uses standard grid emission factors. Non-production emissions (e.g., offices, transport) excluded in line with CDP guidance.
[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)

48889

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

48897

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

28020

(7.22.4) Please explain

Includes Elementis plc and all consolidated subsidiaries, as per the 2024 consolidated financial statements, prepared in accordance with IFRS. Emissions are reported across all sites within our operational control boundary.

All other entities

(7.22.1) Scope 1 emissions (metric tons CO2e)

0

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

0

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

0

(7.22.4) Please explain

*No emissions data is reported for associates, joint ventures, or unconsolidated subsidiaries outside the consolidated accounting group.
[Fixed row]*

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

Select from:

☒ No

(7.25) 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) :Aluminium metal ingots

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

31.3

(7.25.3) Explain calculation methodology

Mass of the purchased feedstock material is multiplied by an emissions factor sourced from the Ecoinvent database.

Row 2

(7.25.1) Purchased feedstock

Select from:

☒ Soda ash

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

2.9

(7.25.3) Explain calculation methodology

Mass of the purchased feedstock material is multiplied by an emissions factor sourced from the Ecoinvent database.

Row 3

(7.25.1) Purchased feedstock

Select from:

☒ Ethanol

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

1.5

(7.25.3) Explain calculation methodology

Mass of the purchased feedstock material is multiplied by an emissions factor sourced from the Ecoinvent database.

Row 4

(7.25.1) Purchased feedstock

Select from:

☒ Specialty chemicals

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

64.3

(7.25.3) Explain calculation methodology

Mass of the purchased feedstock material is multiplied by an emissions factor sourced from the Ecoinvent database.

[Add row]

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

Carbon dioxide (CO2)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Elementis does not sell CO₂

Methane (CH₄)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Elementis does not sell methane.

Nitrous oxide (N₂O)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Elementis does not sell N₂O.

Hydrofluorocarbons (HFC)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Elementis does not sell HFCs

Perfluorocarbons (PFC)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Elementis does not sell PFCs

Sulphur hexafluoride (SF6)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Elementis does not sell SF6

Nitrogen trifluoride (NF3)

(7.25.1.1) Sales, metric tons

0

(7.25.1.2) Comment

Elementis does not sell NF3

[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

Ludwigshafen site data is used.

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

2247.48

(7.26.9) Emissions in metric tonnes of CO₂e

169.72

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

25

(7.26.11) Major sources of emissions

Natural gas

(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

Ludwigshafen site uses this GHG source in its manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Product mix is therefore not captured in this allocation method.

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

Ludwigshafen site data is used.

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

2247.48

(7.26.9) Emissions in metric tonnes of CO₂e

554.055

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

Grid electricity, purchased steam

(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

Ludwigshafen site uses these GHG sources in its manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Product mix is therefore not captured in this allocation method.

Row 5

(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

Elementis sites (Ludwigshafen, Huguenot, Livingston, Hsinchu, Newberry plant, Newberry mine) data is used.

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

397.25

(7.26.9) Emissions in metric tonnes of CO₂e

139.4

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

Natural gas

(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

Site individual allocations are summed to the total shown. Sites use this GHG source in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Intersite sales from Newberry plant and mine are included in the mass total. Product mix is therefore not captured in this allocation method, although site mix is.

Row 6

(7.26.1) Requesting member

Select from:

(7.26.2) Scope of emissions

Select from:

☒ Scope 2: location-based

(7.26.4) Allocation level

Select from:

☒ Facility

(7.26.5) Allocation level detail

Elementis sites (Ludwigshafen, Huguenot, Livingston, Hsinchu, Newberry plant, Newberry mine) data is used.

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

397.25

(7.26.9) Emissions in metric tonnes of CO₂e

15.85

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

Electricity, purchased steam (Ludwigshafen only)

(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

Site individual allocations are summed to the total shown. Sites use these GHG sources in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Intersite sales from Newberry plant and mine are included in the mass total. Product mix is therefore not captured in this allocation method, although site mix is.

Row 7

(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

Livingston, Hsinchu, Huguenot, Newberry plant and Newberry mine data is used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

135.29

(7.26.9) Emissions in metric tonnes of CO₂e

56.18

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

Natural gas

(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

Site individual allocations are summed to the total shown. Sites use this GHG source in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Intersite sales from Newberry plant and mine are included in the mass total. Product mix is therefore not captured in this allocation method, although site mix is.

Row 8

(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

Livingston, Hsinchu, Huguenot, Newberry plant and Newberry mine data is used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

135.29

(7.26.9) Emissions in metric tonnes of CO₂e

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions*Electricity, purchased steam (Ludwigshafen only)***(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***Site individual allocations are summed to the total shown. Sites use these GHG sources in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Intersite sales from Newberry plant and mine are included in the mass total. Product mix is therefore not captured in this allocation method, although site mix is.***Row 9****(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

Huguenot and Livingston site data used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

771.09

(7.26.9) Emissions in metric tonnes of CO₂e

241.7

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

Natural gas

(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

Site individual allocations are summed to the total shown. Sites use these GHG sources in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Intersite sales from Newberry plant and mine are included in the mass total. Product mix is therefore not captured in this allocation method, although site mix is.

Row 10

(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

Huguenot and Livingston site data used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

771.09

(7.26.9) Emissions in metric tonnes of CO2e

0

(7.26.10) Uncertainty (±%)

0

(7.26.11) Major sources of emissions

none

(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

Both sites run on renewable electricity.

Row 11

(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

St Louis, Livingston and Hsinchu site data used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

473.6

(7.26.9) Emissions in metric tonnes of CO₂e

224.3

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

(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

Site individual allocations are summed to the total shown. Sites use this GHG source in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Product mix is therefore not captured in this allocation method, although site mix is.

Row 12

(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

St Louis, Livingston and Hsinchu site data used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

473.6

(7.26.9) Emissions in metric tonnes of CO₂e

34.6

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

Electricity

(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

Site individual allocations are summed to the total shown. Sites use this GHG source in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Product mix is therefore not captured in this allocation method, although site mix is.

Row 13

(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

Sotkamo, Vuonos and Amsterdam site data used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

10293

(7.26.9) Emissions in metric tonnes of CO₂e

308.5

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

25

(7.26.11) Major sources of emissions

LPG, natural gas and diesel

(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

Site individual allocations are summed to the total shown. Sites use this GHG source in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Product mix is therefore not captured in this allocation method, although site mix is.

Row 14

(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

Sotkamo, Vuonos and Amsterdam site data used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

10293

(7.26.9) Emissions in metric tonnes of CO₂e

0

(7.26.10) Uncertainty (±%)

0

(7.26.11) Major sources of emissions

none

(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

All sites purchase 100% low carbon electricity

Row 15

(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

Livingston, Newberry plant and Newberry mine data is used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

17.575

(7.26.9) Emissions in metric tonnes of CO₂e

9.4

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

Natural gas

(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

Site individual allocations are summed to the total shown. Sites use this GHG source in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Intersite sales from Newberry plant and mine are included in the mass total. Product mix is therefore not captured in this allocation method, although site mix is.

Row 16

(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

Livingston, Hsinchu, Huguenot, Newberry plant and Newberry mine data is used

(7.26.6) Allocation method

Select from:

☒ Allocation based on mass of products purchased

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

Select from:

☒ Metric tons

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

17.575

(7.26.9) Emissions in metric tonnes of CO₂e

0.2

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

(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

Site individual allocations are summed to the total shown. Sites use this GHG source in their manufacturing processes. However, different products use different amounts of each source. We have allocated based on site-wide consumption, pro-rated to the total site output and the amount purchased by you. Intersite sales from Newberry plant and mine are included in the mass total. Product mix is therefore not captured in this allocation method, although site mix is.

Row 17

(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 4: Upstream transportation and distribution

(7.26.4) Allocation level

Select from:

☒ Facility

(7.26.5) Allocation level detail

Transport route calculated using DEFRA vehicle factors and actual mass transported

(7.26.6) Allocation method

Select from:

☒ Allocation not necessary due to type of primary data available

(7.26.9) Emissions in metric tonnes of CO₂e

275.5

(7.26.10) Uncertainty (±%)

25

(7.26.11) Major sources of emissions

transport between sites

(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

Transportation of talc volumes between Finland mines and Amsterdam factory

[Add row]

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

Row 1

(7.27.1) Allocation challenges

Select from:

☒ Diversity of product lines makes accurately accounting for each product/product line cost ineffective

(7.27.2) Please explain what would help you overcome these challenges

We are building specific product life-cycle analyses of products. This takes some time, but we are working through strategic products.

[Add row]

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

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

Select from:

☒ Yes

(7.28.2) Describe how you plan to develop your capabilities

We are developing product life-cycle analyses so that over time, a specific customer can understand the emissions associated with the specific products they buy from us. We also continue to refine our Scope 3 footprint. Our next step is to collect more supplier-specific data.

[Fixed row]

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

Select from:

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

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

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

[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:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

8556.97

(7.30.1.3) MWh from non-renewable sources

262191.37

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

270748.34

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

48034.97

(7.30.1.3) MWh from non-renewable sources

166305.83

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

214340.80

Consumption of purchased or acquired steam

(7.30.1.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

7506.9

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

7506.90

Total energy consumption

(7.30.1.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

56591.94

(7.30.1.3) MWh from non-renewable sources

436004.1

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

492596.04

[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:

☒ Unable to confirm heating value

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

8556.97

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

256792.26

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

0

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

265349.23

Consumption of purchased or acquired electricity

(7.30.3.1) Heating value

Select from:

☒ Unable to confirm heating value

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

48034.97

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

162091.53

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

0

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

210126.50

Consumption of purchased or acquired steam

(7.30.3.1) Heating value

Select from:

☒ Unable to confirm heating value

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

0

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

7506.9

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

0

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

7506.90

Total energy consumption

(7.30.3.1) Heating value

Select from:

☒ Unable to confirm heating value

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

56591.94

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

426390.69

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

0

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

(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"/> No
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"/> No

[Fixed row]

(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.**Sustainable biomass****(7.30.7.1) Heating value**

Select from:

☒ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

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

0

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

0

Other biomass

(7.30.7.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

8556.97

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

8556.97

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

0

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

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

0

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

0

Coal

(7.30.7.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

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

0

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

0

Oil

(7.30.7.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

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

0

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

0

Gas

(7.30.7.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

249426.15

(7.30.7.8) Comment

This figure is for Natural Gas fuel only. Unable to disaggregate due to lack of data at some sites

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

(7.30.7.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

12765.22

(7.30.7.8) Comment

This figure includes Diesel, Petroleum, LPG and Propane. Unable to disaggregate due to lack of daata across sites.

Total fuel

(7.30.7.1) Heating value

Select from:

☒ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

270748.33

(7.30.7.8) Comment

Unable to disaggregate due to lack of daata across sites.

[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:

☒ United Kingdom of Great Britain and Northern Ireland

(7.30.14.2) Sourcing method

Select from:

☒ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:

☒ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☒ Renewable energy mix, please specify :variable mix of solar and wind

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

8055.87

(7.30.14.6) Tracking instrument used

Select from:

☒ Contract

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

Select from:

☒ United Kingdom of Great Britain and Northern Ireland

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

Select from:

☒ No

Row 2

(7.30.14.1) Country/area

Select from:

☒ Finland

(7.30.14.2) Sourcing method

Select from:

☒ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:

☒ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☒ Nuclear

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

116184.91

(7.30.14.6) Tracking instrument used

Select from:

☒ Contract

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

Select from:

☒ Finland

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

Select from:

☒ No

Row 3

(7.30.14.1) Country/area

Select from:

☒ Netherlands

(7.30.14.2) Sourcing method

Select from:

☒ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:

☒ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☒ Wind

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

32991.36

(7.30.14.6) Tracking instrument used

Select from:

☒ Contract

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

Select from:

☒ Netherlands

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

Select from:

☒ No

Row 4

(7.30.14.1) Country/area

Select from:

☒ United States of America

(7.30.14.2) Sourcing method

Select from:

☒ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:

☒ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☒ Renewable energy mix, please specify :variable mix of solar and wind

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

6987.74

(7.30.14.6) Tracking instrument used

Select from:

☒ Contract

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

Select from:

☒ United 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

[Add row]

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

Brazil

(7.30.16.1) Consumption of purchased electricity (MWh)

321.06

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

0

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

0

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

0

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

321.06

China

(7.30.16.1) Consumption of purchased electricity (MWh)

4550.65

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

0

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

0

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

0

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

4550.65

Finland

(7.30.16.1) Consumption of purchased electricity (MWh)

116184.91

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

0

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

0

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

0

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

116184.91

Germany

(7.30.16.1) Consumption of purchased electricity (MWh)

1763.19

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

0

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

3978.28

(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)

5741.47

India

(7.30.16.1) Consumption of purchased electricity (MWh)

15933.76

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

0

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

0

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

0

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

15933.76

Netherlands

(7.30.16.1) Consumption of purchased electricity (MWh)

32991.36

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

0

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

0

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

0

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

32991.36

Portugal

(7.30.16.1) Consumption of purchased electricity (MWh)

1.19

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

0

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

0

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

0

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

1.19

Taiwan, China

(7.30.16.1) Consumption of purchased electricity (MWh)

5754.26

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

0

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

0

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

0

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

5754.26

United Kingdom of Great Britain and Northern Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

9075.29

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

0

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

0

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

0

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

9075.29

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

27717.54

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

0

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

0

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

0

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

27717.54

[Fixed row]

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

Select from:

☒ No

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

Row 1

(7.39.1) Output product

Select from:

☒ Specialty chemicals

(7.39.2) Production (metric tons)

436936

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

0.1098

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

0.4809

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

17.1808

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

0

(7.39.8) Comment

Unable to provide a capacity due to diverse nature of product mix and commercial confidentiality.

[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

0.000104

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

76908

(7.45.3) Metric denominator

Select from:

☒ unit total revenue

(7.45.4) Metric denominator: Unit total

738300000

(7.45.5) Scope 2 figure used

Select from:

☒ Market-based

(7.45.6) % change from previous year

14.29

(7.45.7) Direction of change

Select from:

☒ Increased

(7.45.8) Reasons for change

Select all that apply

☒ Change in output

(7.45.9) Please explain

Product and site mix effect, particularly with increased output of products which require more energy input. Our energy efficiency improvements could not compensate for the mix.

[Add row]

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

Row 1

(7.52.1) Description

Select from:

☒ Other, please specify :Water withdrawal efficiency

(7.52.2) Metric value

3.59

(7.52.3) Metric numerator

Water withdrawal (m3)

(7.52.4) Metric denominator (intensity metric only)

Production (tonnes)

(7.52.5) % change from previous year

14

(7.52.6) Direction of change

Select from:

☒ Increased

(7.52.7) Please explain

Intensity metric. Product and site mix effect, particularly with increased output of products which require more water input. Our water efficiency improvements could not compensate for the mix.

Row 2

(7.52.1) Description

Select from:

☒ Waste

(7.52.2) Metric value

0.04

(7.52.3) Metric numerator

Wastes sent to third parties (tonnes)

(7.52.4) Metric denominator (intensity metric only)

Production (tonnes)

(7.52.5) % change from previous year

18

(7.52.6) Direction of change

Select from:

☒ Increased

(7.52.7) Please explain

Intensity metric. Product and site mix effect, particularly with increased output of products which require more waste input. Our waste reduction improvements could not compensate for the mix.

Row 3

(7.52.1) Description

Select from:

☒ Energy usage

(7.52.2) Metric value

2.23

(7.52.3) Metric numerator

energy from fuels (GJ)

(7.52.4) Metric denominator (intensity metric only)

Production (tonnes)

(7.52.5) % change from previous year

11

(7.52.6) Direction of change

Select from:

☒ Increased

(7.52.7) Please explain

Intensity metric. Product and site mix effect, particularly with increased output of products which require more energy input. Our energy efficiency improvements could not compensate for the mix.

Row 4

(7.52.1) Description

Select from:
☒ Other, please specify :% low carbon electricity purchased

(7.52.2) Metric value

77

(7.52.3) Metric numerator

low carbon electricity purchased (kWh)

(7.52.4) Metric denominator (intensity metric only)

Total electricity purchased (kWh)

(7.52.5) % change from previous year

0

(7.52.6) Direction of change

Select from:
☒ No change

(7.52.7) Please explain

We did not significantly expand our low carbon electricity purchases in 2024, but plan to do so in 2025.
[Add row]

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

Select all that apply

- ☒ Absolute target
- ☒ Intensity target

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

Row 1

(7.53.1.1) Target reference number

Select from:

- ☒ Abs 1

(7.53.1.2) Is this a science-based target?

Select from:

- ☒ Yes, and this target has been approved by the Science Based Targets initiative

(7.53.1.3) Science Based Targets initiative official validation letter

Elementis Plc - Near-Term Approval Letter - Monday 3 March 2025.pdf

(7.53.1.4) Target ambition

Select from:

- ☒ 1.5°C aligned

(7.53.1.5) Date target was set

12/04/2024

(7.53.1.6) Target coverage

Select from:

☒ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☒ Methane (CH₄)

☒ Nitrous oxide (N₂O)

☒ Carbon dioxide (CO₂)

☒ Perfluorocarbons (PFCs)

☒ Hydrofluorocarbons (HFCs)

☒ Sulphur hexafluoride (SF₆)

☒ Nitrogen trifluoride (NF₃)

(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

12/31/2024

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

48889

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

28020

(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)

76909.000

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

100

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

100

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

100

(7.53.1.54) End date of target

12/31/2034

(7.53.1.55) Targeted reduction from base year (%)

58.8

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

31686.508

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

48889

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

28020

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

76909.000

(7.53.1.78) Land-related emissions covered by target

Select from:

☒ Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)

(7.53.1.79) % of target achieved relative to base year

0.00

(7.53.1.80) Target status in reporting year

Select from:

☒ New

(7.53.1.82) Explain target coverage and identify any exclusions

This target covers all our operational Scope 1 and Scope 2 emissions, without any exclusions.

(7.53.1.83) Target objective

Ensure we are resilient to customer and investor demands to transition to a low carbon economy. Reduce our operational emissions in line with the Paris climate agreement, lowering our risks. Ensure Elementis is lowering our own and our customer's environmental impact, in line with our purpose of 'Unique Chemistry, Sustainable Solutions'.

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

This is a new target - 2024 is the base year so no progress made yet. Our plan to achieve the target is to 1) Increase our energy efficiency 2) increase our purchases of zero carbon electricity 3) invest in electrification of fuel-based processes 4) secure supplies of renewable fuels

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☒ No

Row 2

(7.53.1.1) Target reference number

Select from:

☒ Abs 2

(7.53.1.2) Is this a science-based target?

Select from:

☒ Yes, and this target has been approved by the Science Based Targets initiative

(7.53.1.3) Science Based Targets initiative official validation letter

Elementis Plc - Near-Term Approval Letter - Monday 3 March 2025.pdf

(7.53.1.4) Target ambition

Select from:

☒ Well-below 2°C aligned

(7.53.1.5) Date target was set

12/04/2024

(7.53.1.6) Target coverage

Select from:

☒ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

- | | |
|---|---|
| <input checked="" type="checkbox"/> Methane (CH ₄) | <input checked="" type="checkbox"/> Sulphur hexafluoride (SF ₆) |
| <input checked="" type="checkbox"/> Nitrous oxide (N ₂ O) | <input checked="" type="checkbox"/> Nitrogen trifluoride (NF ₃) |
| <input checked="" type="checkbox"/> Carbon dioxide (CO ₂) | |
| <input checked="" type="checkbox"/> Perfluorocarbons (PFCs) | |
| <input checked="" type="checkbox"/> Hydrofluorocarbons (HFCs) | |

(7.53.1.8) Scopes

Select all that apply

- ☒ Scope 3

(7.53.1.10) Scope 3 categories

Select all that apply

- ☒ Scope 3, Category 1 – Purchased goods and services
- ☒ Scope 3, Category 4 – Upstream transportation and distribution
- ☒ Scope 3, Category 5 – Waste generated in operations

(7.53.1.11) End date of base year

12/31/2024

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

338744

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

131141

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

5981

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

475866.000

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

475866.000

(7.53.1.35) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)

92

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

100

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

100

(7.53.1.52) Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

74.89

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

94.31

(7.53.1.54) End date of target

12/31/2034

(7.53.1.55) Targeted reduction from base year (%)

35

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

309312.900

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

338744

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

131141

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

5981

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

475866.000

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

475866.000

(7.53.1.78) Land-related emissions covered by target

Select from:

☒ Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)

(7.53.1.79) % of target achieved relative to base year

0.00

(7.53.1.80) Target status in reporting year

Select from:

☒ New

(7.53.1.82) Explain target coverage and identify any exclusions

This target covers Category 4 and 5 emissions that are within our operational control, with no exclusions. For Category 1, it covers our purchased raw materials and packaging, but excludes other purchased goods and services. This is to ensure we focus on making emission improvements that are relevant to our business.

(7.53.1.83) Target objective

Ensure we are resilient to customer and investor demands to transition to a low carbon economy. Reduce our supply chain emissions in line with the Paris climate agreement well-below 2C pathway, lowering our risks. Ensure Elementis is lowering our own and our customer's environmental impact, in line with our purpose of 'Unique Chemistry, Sustainable Solutions'.

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

This is a new target - 2024 is the base year so no progress made yet. Our plan to achieve the target is to increase the use of waste aluminium, increase the use of biobased and other renewable feedstocks, Obtain more data from suppliers and engage with them to lower emissions, improve the efficiency of our materials use, and improve the efficiency of our logistics, including using more low emission transport.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

☒ No
[\[Add row\]](#)

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

Row 1

(7.53.2.1) Target reference number

Select from:

☒ Int 1

(7.53.2.2) Is this a science-based target?

Select from:

☒ No, and we do not anticipate setting one in the next two years

(7.53.2.5) Date target was set

03/30/2020

(7.53.2.6) Target coverage

Select from:

☒ Organization-wide

(7.53.2.7) Greenhouse gases covered by target

Select all that apply

☒ Methane (CH₄)

☒ Nitrous oxide (N₂O)

☒ Carbon dioxide (CO₂)

☒ Perfluorocarbons (PFCs)

☒ Nitrogen trifluoride (NF₃)

☒ Sulphur hexafluoride (SF₆)

☒ Hydrofluorocarbons (HFCs)

(7.53.2.8) Scopes

Select all that apply

☒ Scope 1

☒ Scope 2

(7.53.2.9) Scope 2 accounting method

Select from:

☒ Market-based

(7.53.2.11) Intensity metric

Select from:

☒ Metric tons CO2e per metric ton of product

(7.53.2.12) End date of base year

12/31/2019

(7.53.2.13) Intensity figure in base year for Scope 1

0.097

(7.53.2.14) Intensity figure in base year for Scope 2

0.166

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

0.2630000000

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

100

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

100

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

100

(7.53.2.55) End date of target

12/31/2030

(7.53.2.56) Targeted reduction from base year (%)

25

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

0.1972500000

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

-10

(7.53.2.60) Intensity figure in reporting year for Scope 1

0.1119

(7.53.2.61) Intensity figure in reporting year for Scope 2

0.0641

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

0.1760000000

(7.53.2.81) Land-related emissions covered by target

Select from:

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

(7.53.2.82) % of target achieved relative to base year

132.32

(7.53.2.83) Target status in reporting year

Select from:

☒ Achieved and maintained

(7.53.2.85) Explain target coverage and identify any exclusions

All direct operations, aligned to financial reporting boundary. No exclusions.

(7.53.2.86) Target objective

Reduce our environmental impacts, lower our emissions intensity, and remain competitive in the market.

(7.53.2.88) Target derived using a sectoral decarbonization approach

Select from:

☒ No

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

The biggest contribution comes from purchasing low carbon electricity since the target was set. 77% of our purchased electricity is low carbon in 2024. Another major contribution was the change from using heavy fuel oil to low carbon electricity for a drying process in Sotkamo. In addition, we have focussed on energy efficiency improvements across all operations.

[Add row]

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

Select all that apply

☒ Other climate-related targets

(7.54.2) Provide details of any other climate-related targets, including methane reduction targets.

Row 1

(7.54.2.1) Target reference number

Select from:

☒ Oth 1

(7.54.2.2) Date target was set

03/30/2020

(7.54.2.3) Target coverage

Select from:

☒ Organization-wide

(7.54.2.4) Target type: absolute or intensity

Select from:

☒ Intensity

(7.54.2.5) Target type: category & metric (target numerator if reporting an intensity target)

Energy consumption or efficiency

☒ GJ

(7.54.2.6) Target denominator (intensity targets only)

Select from:

☒ metric ton of product

(7.54.2.7) End date of base year

12/31/2019

(7.54.2.8) Figure or percentage in base year

1.9

(7.54.2.9) End date of target

12/31/2030

(7.54.2.10) Figure or percentage at end of date of target

1.52

(7.54.2.11) Figure or percentage in reporting year

2.23

(7.54.2.12) % of target achieved relative to base year

-86.8421052632

(7.54.2.13) Target status in reporting year

Select from:

☒ Underway

(7.54.2.15) Is this target part of an emissions target?

Not directly, but lowering our reliance on energy from fuels clearly supports our reduction target in Scope 1 emissions and will be important to the achievement of our science-based target..

(7.54.2.16) Is this target part of an overarching initiative?

Select all that apply

☒ No, it's not part of an overarching initiative

(7.54.2.18) Please explain target coverage and identify any exclusions

All direct operations, aligned to financial reporting boundary. No exclusions.

(7.54.2.19) Target objective

Reduce our environmental impacts, lower our emissions intensity, and remain competitive in the market.

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

Investment in energy efficiency projects. Replacing equipment with consumes fossil fuel with electrical equipment.

Row 2

(7.54.2.1) Target reference number

Select from:

☒ Oth 2

(7.54.2.2) Date target was set

03/30/2020

(7.54.2.3) Target coverage

Select from:

☒ Organization-wide

(7.54.2.4) Target type: absolute or intensity

Select from:

☒ Intensity

(7.54.2.5) Target type: category & metric (target numerator if reporting an intensity target)

Waste management

☒ metric tons of waste generated

(7.54.2.6) Target denominator (intensity targets only)

Select from:

☒ metric ton of product

(7.54.2.7) End date of base year

12/31/2019

(7.54.2.8) Figure or percentage in base year

0.035

(7.54.2.9) End date of target

12/31/2030

(7.54.2.10) Figure or percentage at end of date of target

0.032

(7.54.2.11) Figure or percentage in reporting year

0.044

(7.54.2.12) % of target achieved relative to base year

-300.0000000000

(7.54.2.13) Target status in reporting year

Select from:

☒ Underway

(7.54.2.15) Is this target part of an emissions target?

Not directly. It will support our reduction of Scope 3 emissions (waste generated category) and achievement of our science-based target.

(7.54.2.16) Is this target part of an overarching initiative?

Select all that apply

☒ No, it's not part of an overarching initiative

(7.54.2.18) Please explain target coverage and identify any exclusions

All direct operations, aligned to financial reporting boundary. No exclusions.

(7.54.2.19) Target objective

Reduce our environmental impacts, lower our emissions intensity, and remain competitive in the market.

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

Investment in waste reduction projects, and reclassification of some waste materials to byproducts for sale.

[Add row]

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

Select from:

☒ Yes

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

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e
Under investigation	2	`Numeric input
To be implemented	2	7519
Implementation commenced	0	0
Implemented	2	3249
Not to be implemented	0	`Numeric input

[Fixed row]

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

Row 1

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

☒ Insulation

(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

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☒ Ongoing

Row 2

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

☒ Process optimization

(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

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☒ 11-15 years

Row 3

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes

☒ Electrification

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

2752

(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

(7.55.2.8) Estimated lifetime of the initiative

Select from:

☒ 16-20 years

[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

We monitor upcoming regulations on climate for the areas that we work and invest to ensure we are compliant. We are compliant with energy efficiency programs mandated by government (such as Energy Efficiency Directive 2012/27 in our EU sites and ESOS in the UK).

Row 2

(7.55.3.1) Method

Select from:

☒ Internal incentives/recognition programs

(7.55.3.2) Comment

Elementis has employee incentive schemes to encourage plant operating cost reductions including through energy conservation and efficiency improvements.
[Add row]

(7.73) Are you providing product level data for your organization's goods or services?

Select from:

☒ No, I am not providing data

(7.74) Do you classify any of your existing goods and/or services as low-carbon products?

Select from:

☒ No

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

Select from:

☒ No

C9. Environmental performance - Water security

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

Select from:

☒ No

(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:

☒ 100%

(9.2.2) Frequency of measurement

Select from:

☒ Monthly

(9.2.3) Method of measurement

Water meters at source inlet and invoices

(9.2.4) Please explain

All Elementis manufacturing and office sites monitor water withdrawals monthly. Data is recorded directly from meters - for example, for those sites with on-site boreholes - or based on supplier invoices. Data is consolidated for reporting in the Annual Report

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

(9.2.2) Frequency of measurement

Select from:

☒ Monthly

(9.2.3) Method of measurement

Water meters at source inlet and invoices

(9.2.4) Please explain

All Elementis manufacturing and office sites monitor the source of water withdrawal (groundwater, surface water, or third-party supply). The classification is maintained by site teams and reviewed centrally. Data from 2024 shows specific volumes per source, confirming coverage.

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

☒ 1-25

(9.2.2) Frequency of measurement

Select from:

☒ Unknown

(9.2.3) Method of measurement

Lab testing (select sites only)

(9.2.4) Please explain

There is no systematic quality monitoring of water withdrawals across all sites. Some sites may perform periodic testing, especially if withdrawal quality affects process performance, but this is not centrally tracked.

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

(9.2.2) Frequency of measurement

Select from:

☒ Daily

(9.2.3) Method of measurement

A combination of water meters and level meters, depending on the site.

(9.2.4) Please explain

All Elementis manufacturing and office sites monitor water discharge volumes. Sites with direct discharge use meters or flow monitoring; others estimate based on water use, process loss, and wastewater output. Values are reviewed monthly and disclosed in the Annual Report.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

(9.2.2) Frequency of measurement

Select from:

☒ Daily

(9.2.3) Method of measurement

A combination of water meters and level meters, depending on the site. Categorized by outlet (e.g., surface water, third-party utility)

(9.2.4) Please explain

All Elementis manufacturing and office sites monitor water discharges by destination. Destination data (e.g., to surface water or third-party treatment) is published for 2024.

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:

☒ 76-99

(9.2.2) Frequency of measurement

Select from:

☒ Monthly

(9.2.3) Method of measurement

Operational logs and treatment classifications

(9.2.4) Please explain

Most sites apply treatment either on-site or via third parties. Sites record whether water is discharged untreated, partially, or fully treated. This classification is included in internal environmental data and supports the risk assessment process.

Water discharge quality – by standard effluent parameters

(9.2.1) % of sites/facilities/operations

Select from:

☒ 26-50

(9.2.2) Frequency of measurement

Select from:

☒ Unknown

(9.2.3) Method of measurement

Regulatory monitoring at relevant sites

(9.2.4) Please explain

Sites under regulatory permits monitor effluent quality based on pH, COD, BOD, and other parameters. Other sites apply this depending on local law.

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

(9.2.1) % of sites/facilities/operations

Select from:

☒ 26-50

(9.2.2) Frequency of measurement

Select from:

☒ Yearly

(9.2.3) Method of measurement

Chemical analysis, Internal testing or third-party lab reports

(9.2.4) Please explain

Some emissions are tracked, particularly where local regulation or environmental permits apply. In 2024, total emissions to water were reported at 0.831 tonnes (mainly organic carbon).

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

☒ Not relevant

(9.2.4) Please explain

Temperature of discharged water is not measured at Elementis sites. We do not discharge water for cooling or other processes direct to the environment.

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

☒ 100%

(9.2.2) Frequency of measurement

Select from:

☒ Monthly

(9.2.3) Method of measurement

Calculated from withdrawal and discharge quantity.

(9.2.4) Please explain

All sites report consumption volumes, which are derived using the difference between total water withdrawals and discharges. This is calculated monthly and verified for the Annual Report. In 2024, Elementis reported net discharge.

[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)

1568.22

(9.2.2.2) Comparison with previous reporting year

Select from:

☒ Higher

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

(9.2.2.4) Five-year forecast

Select from:

☒ Lower

(9.2.2.5) Primary reason for forecast

Select from:

☒ Divestment from water intensive technology/process

(9.2.2.6) Please explain

Total water withdrawals increased by 19.6% from 2023 (1,310.8 ML), primarily due to a shift in product mix requiring more water-intensive processes. Looking ahead, Elementis aims to reduce water withdrawal intensity to 3.38 m³/tonne by 2030 (from 3.59 m³/tonne in 2024) through dry product innovation and recycling initiatives.

Total discharges

(9.2.2.1) Volume (megaliters/year)

2303.1

(9.2.2.2) Comparison with previous reporting year

Select from:

☒ Higher

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☒ Other, please specify :mine water management in Finland

(9.2.2.4) Five-year forecast

Select from:

☒ Lower

(9.2.2.5) Primary reason for forecast

Select from:

☒ Divestment from water intensive technology/process

(9.2.2.6) Please explain

Discharges increased mainly due to the pumping of groundwater and rainwater at the Vuonos mining site, which is subsequently treated and released. This site alone accounts for a significant portion of total discharge volumes. Discharges are expected to remain broadly stable unless regulatory or operational changes occur.

Total consumption

(9.2.2.1) Volume (megaliters/year)

-734.9

(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:

☒ Other, please specify :discharge exceeds withdrawal

(9.2.2.4) Five-year forecast

Select from:

☒ Higher

(9.2.2.5) Primary reason for forecast

Select from:

☒ Other, please specify :Divestment from mining operations in Finland

(9.2.2.6) Please explain

In 2024, Elementis reported negative water consumption, meaning more water was discharged than withdrawn. This is due to rainwater and groundwater pumped from Finland talc mining operations. Consumption is expected to become positive after divestment of these operations, and move toward zero through improved efficiency, water recycling/reuse systems, and closed-loop initiatives.

[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)

207.6

(9.2.4.3) Comparison with previous reporting year

Select from:

☒ Higher

(9.2.4.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

(9.2.4.5) Five-year forecast

Select from:

☒ Lower

(9.2.4.6) Primary reason for forecast

Select from:

☒ Increase/decrease in efficiency

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

13.24

(9.2.4.8) Identification tool

Select all that apply

☒ WRI Aqueduct

(9.2.4.9) Please explain

Water withdrawals from high water stress areas rose 10.4% in 2024, due to higher production at Songjiang and Anji (China). Improvements in water efficiency have already started to bring down intensity (from 6.1 to 4.9 m³/tonne), and we expect this trend to continue. Our water strategy includes site-level optimisation and investment in recycling and reuse. Higher means 10-25% higher than prior year.

[Fixed row]

(9.2.7) Provide total water withdrawal data by source.

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

(9.2.7.1) Relevance

Select from:

☒ Relevant

(9.2.7.2) Volume (megaliters/year)

231.7

(9.2.7.3) Comparison with previous reporting year

Select from:

☒ Higher

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

(9.2.7.5) Please explain

Includes rainwater and river water. Increase vs 2023 reflect increased business activity at the relevant production sites. Higher is defined as 10-25% higher

Brackish surface water/Seawater

(9.2.7.1) Relevance

Select from:

☒ Not relevant

(9.2.7.5) Please explain

We do not operate sites withdrawing seawater or brackish water.

Groundwater – renewable

(9.2.7.1) Relevance

Select from:

☒ Relevant

(9.2.7.2) Volume (megaliters/year)

321.1

(9.2.7.3) Comparison with previous reporting year

Select from:

☒ Much higher

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

(9.2.7.5) Please explain

Groundwater abstraction is increased vs 2023 due to much higher business activity. Much higher is defined as >25% higher.

Groundwater – non-renewable

(9.2.7.1) Relevance

Select from:

☒ Not relevant

(9.2.7.5) Please explain

We do not withdraw water from deep non-renewable aquifers.

Produced/Entrained water

(9.2.7.1) Relevance

Select from:

☒ Not relevant

(9.2.7.5) Please explain

We do not report water embedded in raw materials or ore.

Third party sources

(9.2.7.1) Relevance

Select from:

☒ Relevant

(9.2.7.2) Volume (megaliters/year)

1015.4

(9.2.7.3) Comparison with previous reporting year

Select from:

☒ Higher

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in efficiency

(9.2.7.5) Please explain

*Municipal water supplies represent our third party water withdrawals. Volumes increased due to higher business activity. Higher is defined as 10-25% higher
[Fixed row]*

(9.2.8) Provide total water discharge data by destination.

Fresh surface water

(9.2.8.1) Relevance

Select from:

☒ Relevant

(9.2.8.2) Volume (megaliters/year)

1397.7

(9.2.8.3) Comparison with previous reporting year

Select from:

☒ Much lower

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☒ Other, please specify :change in Finland mine water management needs

(9.2.8.5) Please explain

Volume represents aggregated direct discharges to fresh surface water bodies, including rivers and lakes, from our sites in Finland, UK, and China. The decrease from the previous year is driven by changes in discharge required at our Finnish mines. Much lower means greater than 25% lower vs 2023

Brackish surface water/seawater

(9.2.8.1) Relevance

Select from:

☒ Not relevant

(9.2.8.5) Please explain

Elementis does not discharge water directly to brackish surface water or seawater bodies in the current reporting scope.

Groundwater

(9.2.8.1) Relevance

Select from:

☒ Not relevant

(9.2.8.5) Please explain

No discharges are made directly into groundwater sources. Water recycling and containment systems are in place to prevent such discharges.

Third-party destinations

(9.2.8.1) Relevance

Select from:

☒ Relevant

(9.2.8.2) Volume (megaliters/year)

905.4

(9.2.8.3) Comparison with previous reporting year

Select from:

☒ Higher

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☒ Increase/decrease in business activity

(9.2.8.5) Please explain

The volume covers discharges to municipal wastewater systems or industrial park water treatment facilities across multiple office and production sites. Total volumes were higher than 2023 due to higher business activity.

[Fixed row]

(9.2.9) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

	Relevance of treatment level to discharge	Please explain
Tertiary treatment	Select from: <input checked="" type="checkbox"/> Relevant but volume unknown	Data by water treatment level not tracked.
Secondary treatment	Select from: <input checked="" type="checkbox"/> Relevant but volume unknown	Data by water treatment level not tracked.
Primary treatment only	Select from:	Data by water treatment level not tracked.

	Relevance of treatment level to discharge	Please explain
	<input checked="" type="checkbox"/> Relevant but volume unknown	
Discharge to the natural environment without treatment	Select from: <input checked="" type="checkbox"/> Not relevant	Direct discharge to the environment is not done.
Discharge to a third party without treatment	Select from: <input checked="" type="checkbox"/> Relevant but volume unknown	Data by water treatment level not tracked.

[Fixed row]

(9.2.10) Provide details of your organization's emissions of nitrates, phosphates, pesticides, and other priority substances to water in the reporting year.

(9.2.10.1) Emissions to water in the reporting year (metric tons)

0.61

(9.2.10.2) Categories of substances included

Select all that apply

- ☒ Nitrates
- ☒ Phosphates
- ☒ Priority substances listed under the EU Water Framework Directive

(9.2.10.3) List the specific substances included

nitrates, phosphates, nickel, arsenic, zinc

(9.2.10.4) Please explain

Nickel and arsenic are associated with our Finland talc mines. Zinc, nitrates and phosphates are associated with our chemical manufacturing sites. We measure total nitrogen and convert to nitrate by multiplying by 4.426 (mass factor of nitrogen to nitrate). We measure total phosphorus and convert to phosphate by multiplying by 3.066 (mass factor of phosphorus to phosphate)

[Fixed row]

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

Direct operations

(9.3.1) Identification of facilities in the value chain stage

Select from:

☒ Yes, we have assessed this value chain stage and identified facilities with water-related dependencies, impacts, risks, and opportunities

(9.3.2) Total number of facilities identified

6

(9.3.3) % of facilities in direct operations that this represents

Select from:

☒ 26-50

(9.3.4) Please explain

We include sites in high water stress areas, as identified via WRI Aqueduct and sites with significant water management requirements.

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 recognise there could be negative impacts on Elementis due to upstream water-related issues, but we have not assessed individual supplier facility risks as we have ability to source from multiple locations.

[Fixed row]

(9.3.1) For each facility referenced in 9.3, provide coordinates, water accounting data, and a comparison with the previous reporting year.

Row 1

(9.3.1.1) Facility reference number

Select from:

☒ Facility 1

(9.3.1.2) Facility name (optional)

Songjiang

(9.3.1.3) Value chain stage

Select from:

☒ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☒ Dependencies

☒ Impacts

- ☒ Risks
- ☒ Opportunities

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

- ☒ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

China

- ☒ Other, please specify :China Coast, Lake Tai Hu

(9.3.1.8) Latitude

31.032243

(9.3.1.9) Longitude

121.22775

(9.3.1.10) Located in area with water stress

Select from:

- ☒ Yes

(9.3.1.13) Total water withdrawals at this facility (megaliters)

16.5

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

- ☒ Much lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

16.5

(9.3.1.21) Total water discharges at this facility (megaliters)

7.5

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☒ Much lower

(9.3.1.23) Discharges to fresh surface water

0

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

7.5

(9.3.1.27) Total water consumption at this facility (megaliters)

9

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☒ Much lower

(9.3.1.29) Please explain

Much lower means greater than 25% lower than prior year. Consumption is calculated as total withdrawals minus total discharge. Consumed water is either evaporated or incorporated into products.

Row 2

(9.3.1.1) Facility reference number

Select from:

☒ Facility 2

(9.3.1.2) Facility name (optional)

Anji

(9.3.1.3) Value chain stage

Select from:

☒ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☒ Dependencies

☒ Impacts

☒ Risks

☒ Opportunities

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☒ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

China

☒ Other, please specify :China Coast, Lake Tai Hu

(9.3.1.8) Latitude

30.638674

(9.3.1.9) Longitude

119.680353

(9.3.1.10) Located in area with water stress

Select from:

☒ Yes

(9.3.1.13) Total water withdrawals at this facility (megaliters)

117.4

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☒ About the same

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

109.1

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

8.2

(9.3.1.21) Total water discharges at this facility (megaliters)

102.7

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☒ Much higher

(9.3.1.23) Discharges to fresh surface water

102.7

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

6.4

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☒ Much lower

(9.3.1.29) Please explain

Much lower means greater than 25% lower than prior year. Consumption is calculated as total withdrawals minus total discharge. Consumed water is either evaporated or incorporated into products.

Row 3

(9.3.1.1) Facility reference number

Select from:

☒ Facility 3

(9.3.1.2) Facility name (optional)

Newberry Springs plant

(9.3.1.3) Value chain stage

Select from:

☒ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☒ Dependencies

☒ Impacts

☒ Risks

☒ Opportunities

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☒ Yes, withdrawals only

(9.3.1.6) Reason for no withdrawals and/or discharges

Process water is evaporated during our manufacturing.

(9.3.1.7) Country/Area & River basin

United States of America

☒ Other, please specify :Mojave

(9.3.1.8) Latitude

34.4952

(9.3.1.9) Longitude

-116.4043

(9.3.1.10) Located in area with water stress

Select from:

☒ Yes

(9.3.1.13) Total water withdrawals at this facility (megaliters)

56.5

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☒ Much higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

56.5

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.27) Total water consumption at this facility (megaliters)

56.5

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☒ Much higher

(9.3.1.29) Please explain

Much higher means greater than 25% higher than prior year. Consumption is calculated as total withdrawals minus total discharge. Consumed water is evaporated.

Row 4

(9.3.1.1) Facility reference number

Select from:

☒ Facility 4

(9.3.1.2) Facility name (optional)

(9.3.1.3) Value chain stage

Select from:

☒ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☒ Dependencies

☒ Impacts

☒ Risks

☒ Opportunities

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☒ Yes, withdrawals only

(9.3.1.6) Reason for no withdrawals and/or discharges

Desert location, water is used for dust control and evaporates

(9.3.1.7) Country/Area & River basin

United States of America

☒ Other, please specify :Mojave

(9.3.1.8) Latitude

34.750545

(9.3.1.9) Longitude

(9.3.1.10) Located in area with water stress

Select from:

☒ Yes

(9.3.1.13) Total water withdrawals at this facility (megaliters)

17.2

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☒ Lower

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

17.2

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

0

(9.3.1.27) Total water consumption at this facility (megaliters)

17.2

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☒ Lower

(9.3.1.29) Please explain

Lower means 10-25% lower than prior year. Consumption is calculated as total withdrawals minus total discharge. Consumed water is evaporated.

Row 5

(9.3.1.1) Facility reference number

Select from:

☒ Facility 5

(9.3.1.2) Facility name (optional)

Sotkamo

(9.3.1.3) Value chain stage

Select from:

☒ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

- ☒ Dependencies
- ☒ Impacts
- ☒ Risks
- ☒ Opportunities

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

- ☒ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

Finland

- ☒ Oulujoki

(9.3.1.8) Latitude

64.130654

(9.3.1.9) Longitude

28.390497

(9.3.1.10) Located in area with water stress

Select from:

- ☒ No

(9.3.1.13) Total water withdrawals at this facility (megaliters)

5.1

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☒ Much higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

5.1

(9.3.1.21) Total water discharges at this facility (megaliters)

213.6

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☒ Much lower

(9.3.1.23) Discharges to fresh surface water

213.6

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

-208.5

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☒ Much higher

(9.3.1.29) Please explain

Much higher means greater than 25% higher than prior year. Consumption is calculated as total withdrawals minus total discharge. Consumed water is negative due to discharge of rainwater accumulated in our talc mines.

Row 6

(9.3.1.1) Facility reference number

Select from:

☒ Facility 6

(9.3.1.2) Facility name (optional)

Vuonos

(9.3.1.3) Value chain stage

Select from:

☒ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply

☒ Dependencies

☒ Impacts

☒ Risks

☒ Opportunities

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:

☒ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

Finland

☒ Other, please specify :Southern Finland

(9.3.1.8) Latitude

62.761524

(9.3.1.9) Longitude

29.090969

(9.3.1.10) Located in area with water stress

Select from:

☒ No

(9.3.1.13) Total water withdrawals at this facility (megaliters)

127.5

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

☒ Much higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

122.5

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

(9.3.1.21) Total water discharges at this facility (megaliters)

918.2

(9.3.1.22) Comparison of total discharges with previous reporting year*Select from:*☒ About the same**(9.3.1.23) Discharges to fresh surface water**

918.2

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

0

(9.3.1.27) Total water consumption at this facility (megaliters)

-790.7

(9.3.1.28) Comparison of total consumption with previous reporting year*Select from:*☒ Higher

(9.3.1.29) Please explain

Higher means 10-25% higher than prior year. Consumption is calculated as total withdrawals minus total discharge. Consumed water is negative due to discharge of rainwater accumulated in our talc mines.

[Add row]

(9.3.2) For the facilities in your direct operations referenced in 9.3.1, what proportion of water accounting data has been third party verified?

Water withdrawals – total volumes

(9.3.2.1) % verified

Select from:

☒ 76-100

(9.3.2.2) Verification standard used

ISO14064

Water withdrawals – volume by source

(9.3.2.1) % verified

Select from:

☒ Not verified

(9.3.2.3) Please explain

Water withdrawal volumes are verified, but source is not explicitly part of the verification. No plans to verify in immediate future.

Water withdrawals – quality by standard water quality parameters

(9.3.2.1) % verified

Select from:

☒ Not verified

(9.3.2.3) Please explain

No plans to verify in immediate future.

Water discharges – total volumes

(9.3.2.1) % verified

Select from:

☒ Not verified

(9.3.2.3) Please explain

No plans to verify in immediate future.

Water discharges – volume by destination

(9.3.2.1) % verified

Select from:

☒ Not verified

(9.3.2.3) Please explain

No plans to verify in immediate future.

Water discharges – volume by final treatment level

(9.3.2.1) % verified

Select from:

☒ Not verified

(9.3.2.3) Please explain

No plans to verify in immediate future.

Water discharges – quality by standard water quality parameters

(9.3.2.1) % verified

Select from:

☒ Not verified

(9.3.2.3) Please explain

Sites are inspected locally against their operating permits. No plans to verify data in immediate future.

Water consumption – total volume

(9.3.2.1) % verified

Select from:

☒ Not verified

(9.3.2.3) Please explain

No plans to verify in immediate future.

[Fixed row]

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

Select from:

☒ Yes, CDP supply chain members buy goods or services from facilities listed in 9.3.1

(9.4.1) Indicate which of the facilities referenced in 9.3.1 could impact a requesting CDP supply chain member.

Row 1

(9.4.1.1) Facility reference number

Select from:

☒ Facility 3

(9.4.1.2) Facility name

Newberry Springs plant

(9.4.1.3) Requesting member

Select from:

(9.4.1.4) Description of potential impact on member

Hectorite in our gel products is processed from this facility.

Row 2

(9.4.1.1) Facility reference number

Select from:

☒ Facility 3

(9.4.1.2) Facility name

Newberry Springs plant

(9.4.1.3) Requesting member

Select from:

(9.4.1.4) Description of potential impact on member

Hectorite in our gel products is processed from this facility.

Row 3

(9.4.1.1) Facility reference number

Select from:

☒ Facility 4

(9.4.1.2) Facility name

Newberry Springs mine

(9.4.1.3) Requesting member

Select from:

(9.4.1.4) Description of potential impact on member

Hectorite in our gel products is sourced from this facility.

Row 4

(9.4.1.1) Facility reference number

Select from:

☒ Facility 4

(9.4.1.2) Facility name

Newberry Springs mine

(9.4.1.3) Requesting member

Select from:

(9.4.1.4) Description of potential impact on member

Hectorite in our gel products is sourced from this facility.

Row 5

(9.4.1.1) Facility reference number

Select from:

☒ Facility 3

(9.4.1.2) Facility name

Newberry Springs plant

(9.4.1.3) Requesting member

Select from:

(9.4.1.4) Description of potential impact on member

Hectorite in our gel products is processed from this facility.

Row 6

(9.4.1.1) Facility reference number

Select from:

☒ Facility 4

(9.4.1.2) Facility name

Newberry Springs mine

(9.4.1.3) Requesting member

Select from:

(9.4.1.4) Description of potential impact on member

Hectorite in our gel products is sourced from this facility.

[Add row]

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

	Revenue (currency)	Total water withdrawal efficiency	Anticipated forward trend
	738300000	470788.54	Business growth and water withdrawal reduction targets should ensure this efficiency increases over time.

[Fixed row]

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

Select from:

☒ Yes

(9.6.1) For your top five products by production weight/volume, provide the following water intensity information associated with your activities in the chemical sector.

Row 1

(9.6.1.1) Product type

Other chemicals

☒ Specialty organic chemicals

(9.6.1.2) Product name

organoclays/gels/speciality additives

(9.6.1.3) Water intensity value (m3/denominator)

10.42

(9.6.1.4) Numerator: water aspect

Select from:

☒ Total water withdrawals

(9.6.1.5) Denominator

Select from:

☒ Ton

(9.6.1.6) Comparison with previous reporting year

Select from:

☒ About the same

(9.6.1.7) Please explain

Water withdrawal is our key metric. The amount of water we withdraw is directly related to the mass of product we produce. Hence this is the best way to measure water intensity. Data covers 10 shared use plants for these product lines. About the same means less than 10% different to prior year.

Row 2

(9.6.1.1) Product type

Other chemicals

☒ Specialty inorganic chemicals

(9.6.1.2) Product name

anti-perspirants

(9.6.1.3) Water intensity value (m3/denominator)

5.02

(9.6.1.4) Numerator: water aspect

Select from:

☒ Total water withdrawals

(9.6.1.5) Denominator

Select from:

☒ Ton

(9.6.1.6) Comparison with previous reporting year

Select from:

☒ Higher

(9.6.1.7) Please explain

Water withdrawal is our key metric. The amount of water we withdraw is directly related to the mass of product we produce. Hence this is the best way to measure water intensity. We operate 3 dedicated plants for this product line. Higher means 10-25% higher than prior year.

Row 4

(9.6.1.1) Product type

Other chemicals

☒ Specialty inorganic chemicals

(9.6.1.2) Product name

pharma

(9.6.1.3) Water intensity value (m3/denominator)

33.56

(9.6.1.4) Numerator: water aspect

Select from:

☒ Total water withdrawals

(9.6.1.5) Denominator

Select from:

☒ Ton

(9.6.1.6) Comparison with previous reporting year

Select from:

☒ Higher

(9.6.1.7) Please explain

Water withdrawal is our key metric. The amount of water we withdraw is directly related to the mass of product we produce. Hence this is the best way to measure water intensity. We operate 1 dedicated plant to this product line. Higher means 10-25% higher than prior year.

[Add 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"/> Yes

[Fixed row]

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

Row 1

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Federal Water Pollution Control Act / Clean Water Act (United States Regulation)

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

Select from:

☒ Less than 10%

(9.13.1.3) Please explain

Some of our products contain hazardous substances due to the functional properties that they bring to our customers. We sell these products direct to other industrial businesses, and they are handled correctly, minimising risks. We are working to reduce our use of these substances. Our product stewardship organisation ensures all the hazardous substances we use are assessed and registered under the appropriate regulations. Additionally, some of our products enable our customers to replace hazardous substances in their own products with less hazardous substances.

Row 2

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

- ☒ List of substances (Canadian Environmental Protection Act)

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

Select from:

- ☒ Less than 10%

(9.13.1.3) Please explain

Some of our products contain hazardous substances due to the functional properties that they bring to our customers. We sell these products direct to other industrial businesses, and they are handled correctly, minimising risks. We are working to reduce our use of these substances. Our product stewardship organisation ensures all the hazardous substances we use are assessed and registered under the appropriate regulations. Additionally, some of our products enable our customers to replace hazardous substances in their own products with less hazardous substances.

Row 3

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

- ☒ Annex XVII of EU REACH Regulation

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

Select from:

- ☒ 10-20

(9.13.1.3) Please explain

Some of our products contain hazardous substances due to the functional properties that they bring to our customers. We sell these products direct to other industrial businesses, and they are handled correctly, minimising risks. We are working to reduce our use of these substances. Our product stewardship organisation ensures all the hazardous substances we use are assessed and registered under the appropriate regulations. Additionally, some of our products enable our customers to replace hazardous substances in their own products with less hazardous substances.

Row 4

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Annex XIV of UK REACH Regulation

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

Select from:

☒ Less than 10%

(9.13.1.3) Please explain

Some of our products contain hazardous substances due to the functional properties that they bring to our customers. We sell these products direct to other industrial businesses, and they are handled correctly, minimising risks. We are working to reduce our use of these substances. Our product stewardship organisation ensures all the hazardous substances we use are assessed and registered under the appropriate regulations. Additionally, some of our products enable our customers to replace hazardous substances in their own products with less hazardous substances.

Row 5

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Candidate List of Substances of Very High Concern (UK Regulation)

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

Select from:

☒ Less than 10%

(9.13.1.3) Please explain

Some of our products contain hazardous substances due to the functional properties that they bring to our customers. We sell these products direct to other industrial businesses, and they are handled correctly, minimising risks. We are working to reduce our use of SVHCs. Our product stewardship organisation ensures all the

hazardous substances we use are assessed and registered under the appropriate regulations. Additionally, some of our products enable our customers to replace hazardous substances in their own products with less hazardous substances.

Row 6

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Guidelines for Controlling the Use of Key Chemical Substances in Consumer Products (China Regulation)

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

Select from:

☒ Less than 10%

(9.13.1.3) Please explain

Some of our products contain hazardous substances due to the functional properties that they bring to our customers. We sell these products direct to other industrial businesses, and they are handled correctly, minimising risks. We are working to reduce our use of these substances. Our product stewardship organisation ensures all the hazardous substances we use are assessed and registered under the appropriate regulations. Additionally, some of our products enable our customers to replace hazardous substances in their own products with less hazardous substances.

Row 7

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Candidate List of Substances of Very High Concern for Authorisation above 0.1% by weight (EU Regulation)

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

Select from:

☒ Less than 10%

(9.13.1.3) Please explain

Some of our products contain hazardous substances due to the functional properties that they bring to our customers. We sell these products direct to other industrial businesses, and they are handled correctly, minimising risks. We are working to reduce our use of SVHCs. Our product stewardship organisation ensures all the hazardous substances we use are assessed and registered under the appropriate regulations. Additionally, some of our products enable our customers to replace hazardous substances in their own products with less hazardous substances.

Row 8

(9.13.1.1) Regulatory classification of hazardous substances

Select from:

☒ Water Pollution Prevention Act (Japan Regulation)

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

Select from:

☒ Less than 10%

(9.13.1.3) Please explain

Some of our products contain hazardous substances due to the functional properties that they bring to our customers. We sell these products direct to other industrial businesses, and they are handled correctly, minimising risks. We are working to reduce our use of these substances. Our product stewardship organisation ensures all the hazardous substances we use are assessed and registered under the appropriate regulations. Additionally, some of our products enable our customers to replace hazardous substances in their own products with less hazardous substances.

[Add 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, and we do not 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

We have introduced low/zero water products into our portfolio. These ship as dry powders instead of as water solutions, These products have significantly lower water consumption per kg of active product. We do assess water-related risks and opportunities as part of our product design (for example, if any hazardous materials can be replaced/removed, or the amount of water needed to make and use the product). However, with no standardised definition and approach set globally, we do not formally classify our products as low water impact.

[Fixed row]

(9.15) Do you have any water-related targets?

Select from:

☒ Yes

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

	Target set in this category	Please explain
Water pollution	Select from: <input checked="" type="checkbox"/> No, and we do not plan to within the next two years	<i>We comply with operating permits and not currently a focus to reduce further.</i>
Water withdrawals	Select from: <input checked="" type="checkbox"/> Yes	<i>Rich text input [must be under 1000 characters]</i>
Water, Sanitation, and Hygiene (WASH) services	Select from: <input checked="" type="checkbox"/> No, and we do not plan to within the next two years	<i>Not a strategic focus. All our operations have WASH services.</i>

	Target set in this category	Please explain
Other	<i>Select from:</i> <input checked="" type="checkbox"/> No, and we do not plan to within the next two years	<i>Our Water withdrawal target helps with many other water metrics.</i>

[Fixed row]

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

Row 1

(9.15.2.1) Target reference number

Select from:

☒ Target 1

(9.15.2.2) Target coverage

Select from:

☒ Organization-wide (direct operations only)

(9.15.2.3) Category of target & Quantitative metric

Water withdrawals

☒ Reduction in withdrawals per unit of production

(9.15.2.4) Date target was set

09/01/2019

(9.15.2.5) End date of base year

12/30/2019

(9.15.2.6) Base year figure

3.75

(9.15.2.7) End date of target year

12/30/2030

(9.15.2.8) Target year figure

3.38

(9.15.2.9) Reporting year figure

3.59

(9.15.2.10) Target status in reporting year

Select from:

☒ Underway

(9.15.2.11) % of target achieved relative to base year

43

(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

Global, covers the entire company. No exclusions

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

Investment in water use efficiency and water recycling projects. For example we optimised the water / material ratio in our process, lowering the amount of water needed to make this product.

(9.15.2.16) Further details of target

none
[Add row]

C11. Environmental performance - Biodiversity

(11.1) Within your reporting boundary, are there any geographical areas, business units or mining projects excluded from your disclosure?

Select from:

☒ No

(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

[Fixed row]

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

Legally protected areas

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

☒ No

(11.4.2) Comment

n/a

UNESCO World Heritage sites

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

☒ No

(11.4.2) Comment

n/a

UNESCO Man and the Biosphere Reserves

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

☒ No

(11.4.2) Comment

n/a

Ramsar sites

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

☒ No

(11.4.2) Comment

n/a

Key Biodiversity Areas

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

☒ No

(11.4.2) Comment

n/a

Other areas important for biodiversity

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

☒ Yes

(11.4.2) Comment

Our hectorite mine in California mine is within the habitat range of the Mojave Desert tortoise, which is on the International Union for Conservation of Nature (IUCN) red list as critically endangered. We have an approved tortoise barrier surrounding the site to prevent tortoises entering the site. Should a tortoise be found inside the fence, we work with a trained biologist to return the animal safely to its natural habitat.

[Fixed row]

(11.4.1) Provide details of your organization's activities in the reporting year located in or near to areas important for biodiversity.

Row 1

(11.4.1.1) Mining project ID

Select from:

☒ Project 5

(11.4.1.2) Types of area important for biodiversity

Select all that apply

☒ Other areas important for biodiversity

(11.4.1.4) Country/area

Select from:

☒ United States of America

(11.4.1.5) Name of the area important for biodiversity

Hectorite clay mine in Newberry Springs California

(11.4.1.6) Proximity

Select from:

☒ Up to 5 km

(11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

We operate one open cast mine in California for hectorite clay mineral. We can mine 223 hectares of land and have additional claims (mineral rights) on US federal land surrounding the current operation.

(11.4.1.9) Indicate whether any of your organization's activities located in or near to the selected area could negatively affect biodiversity

Select from:

☒ Yes, but mitigation measures have been implemented

(11.4.1.10) Mitigation measures implemented within the selected area

Select all that apply

☒ Physical controls

☒ Other, please specify :Should a tortoise be found inside the fence, we work with a trained biologist to return the animal safely to its natural habitat.

(11.4.1.11) Explain how your organization's activities located in or near to the selected area could negatively affect biodiversity, how this was assessed, and describe any mitigation measures implemented

Our mine is within the habitat range of the Mojave Desert tortoise, which is on the International Union for Conservation of Nature red list as critically endangered. We have an approved tortoise barrier surrounding the site to prevent tortoises entering the site. Should a tortoise be found inside the fence, we work with a trained biologist to return the animal safely to its natural habitat.

(11.4.1.12) Further context for mining projects

n/a

[Add row]

(11.5) Can you disclose the mining project area and the area of land disturbed for each of your mining projects?

	Disclosing mining project area and area of land disturbed	Comment
	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>None.</i>

[Fixed row]

(11.5.1) Provide details on the mining project area and the area of land disturbed for each of your mining projects.

Row 1

(11.5.1.1) Mining project ID

Select from:

☒ Project 5

(11.5.1.2) Total area of owned land/lease/project area (hectares)

552

(11.5.1.3) Total area disturbed to date (hectares)

302

(11.5.1.4) Area disturbed in the reporting year (hectares)

0

(11.5.1.5) Type(s) of habitat disturbed in the reporting year

Select all that apply

☒ Natural habitat

(11.5.1.6) Comment

The land area has not expanded during the reporting year. Estimate based on satellite imagery and internal site boundary data.

Row 2

(11.5.1.1) Mining project ID

Select from:

☒ Project 1

(11.5.1.2) Total area of owned land/lease/project area (hectares)

1070

(11.5.1.3) Total area disturbed to date (hectares)

750

(11.5.1.4) Area disturbed in the reporting year (hectares)

0

(11.5.1.5) Type(s) of habitat disturbed in the reporting year

Select all that apply

☒ Natural habitat

(11.5.1.6) Comment

The land area has not expanded during the reporting year. Area includes ore processing facility. Calculations based on mining permits and 2023 aerial surveys.

Row 3

(11.5.1.1) Mining project ID

Select from:

☒ Project 2

(11.5.1.2) Total area of owned land/lease/project area (hectares)

48

(11.5.1.3) Total area disturbed to date (hectares)

22

(11.5.1.4) Area disturbed in the reporting year (hectares)

0

(11.5.1.5) Type(s) of habitat disturbed in the reporting year

Select all that apply

☒ Natural habitat

(11.5.1.6) Comment

The land area has not expanded during the reporting year. Area covers extraction zones only. Estimate excludes rehabilitated land.

Row 4

(11.5.1.1) Mining project ID

Select from:

☒ Project 3

(11.5.1.2) Total area of owned land/lease/project area (hectares)

148

(11.5.1.3) Total area disturbed to date (hectares)

94

(11.5.1.4) Area disturbed in the reporting year (hectares)

0

(11.5.1.5) Type(s) of habitat disturbed in the reporting year

Select all that apply

☒ Natural habitat

(11.5.1.6) Comment

The land area has not expanded during the reporting year. Based on mine operations GIS data.

Row 5

(11.5.1.1) Mining project ID

Select from:

☒ Project 4

(11.5.1.2) Total area of owned land/lease/project area (hectares)

106

(11.5.1.3) Total area disturbed to date (hectares)

70

(11.5.1.4) Area disturbed in the reporting year (hectares)

0

(11.5.1.5) Type(s) of habitat disturbed in the reporting year

Select all that apply

☒ Natural habitat

(11.5.1.6) Comment

The land area has not expanded during the reporting year. Disturbed area verified through visual inspection and land use files.
[Add row]

(11.6) Are there artisanal and small-scale mining (ASM) operations active in your mining project areas or in their area of influence?

Select from:

☒ No

(11.7) Do you adopt biodiversity action plans to manage your impacts on biodiversity?

Select from:

☒ No

(11.9) Have any of your projects caused, or have the potential to cause, significant adverse impact(s) on biodiversity?

(11.9.1) Any projects caused, or have the potential to cause, significant adverse impacts on biodiversity

Select from:

☒ No

(11.9.2) Comment

We have not caused a biodiversity issue, and sites are well managed within the allowed permit limits. Our mine sites are small in the context of mining operations.
[Fixed row]

(11.10) Are biodiversity issues integrated into any aspects of your long-term strategic business plan, and if so how?

	Are biodiversity-related issues integrated?	Please explain
Long-term business objectives	<i>Select from:</i> <input checked="" type="checkbox"/> No, biodiversity-related issues were not reviewed and there are no plans to do so	<i>We have low risk of large impact and so this is not a strategic priority.</i>
Strategy for long-term objectives	<i>Select from:</i> <input checked="" type="checkbox"/> No, biodiversity-related issues were not reviewed and there are no plans to do so	<i>We have low risk of large impact and so this is not a strategic priority.</i>
Financial planning	<i>Select from:</i> <input checked="" type="checkbox"/> No, biodiversity-related issues were not reviewed and there are no plans to do so	<i>We have low risk of large impact and so this is not a strategic priority.</i>

[Fixed row]

(11.11) Have you specified any measurable and time-bound targets related to your commitments to reduce or avoid impacts on biodiversity?

Select from:

☒ No

(11.12) Has your organization adopted avoidance and/or minimization as strategies to prevent or mitigate significant adverse impacts on biodiversity?

Select from:

☒ No

(11.13) Have significant impacts on biodiversity been mitigated through restoration?

	Have significant impacts on biodiversity been mitigated through restoration?	Comment
	Select from: <input checked="" type="checkbox"/> No	No sites have been closed recently. When a site is finally closed we will restore it to nature in line with the local requirements.

[Fixed row]

(11.14) Have significant residual impacts of your projects been compensated through biodiversity offsets?

	Have residual impacts been compensated through biodiversity offsets?	Comment
	Select from: <input checked="" type="checkbox"/> No	None.

[Fixed row]

(11.15) Is your organization implementing or supporting additional conservation actions?

	Implementing or supporting additional conservation actions?	Comment
	<i>Select from:</i> <input checked="" type="checkbox"/> Yes	<i>We have not set these activities against any of our business impacts.</i>

[Fixed row]

(11.15.1) Provide details on the main ACAs you are implementing or supporting.

Row 1

(11.15.1.1) Project title

Forestmatic Tree Planting Sites - Peru

(11.15.1.2) Project theme

Select from:

☒ Restoration (forests)

(11.15.1.3) Country/Area

Select from:

☒ Peru

(11.15.1.4) Location

Select from:

☒ Outside the area of influence of mining project

(11.15.1.5) Primary motivation

Select from:

☒ Voluntary

(11.15.1.6) Timeframe

Select from:

☒ Undefined

(11.15.1.7) Start year

2022

(11.15.1.9) Description of project

We are helping stimulate the Amazonian regeneration through a rehabilitation approach of farming systems focused on soil regeneration, increased biodiversity and improved water cycle. Fruits and non-timber products are produced, benefitting local communities who consume or sell these products.

(11.15.1.10) Description of outcome to date

1904 trees planted by the project as a whole, 275 funded by Elementis. By supporting the work of Camino Verde and Forestmatic, we are contributing to 5 of the UN Sustainable Development Goals: Decent Work & Economic Growth (SDG 8), Responsible Consumption & Production (SDG 12), Climate Action (SDG 13), Life on Land (SDG 15), and Partnerships for the Goals (SDG 17).

Row 2

(11.15.1.1) Project title

Palmital site

(11.15.1.2) Project theme

Select from:

☒ Restoration (forests)

(11.15.1.3) Country/Area

Select from:

☒ Brazil

(11.15.1.4) Location

Select from:

☒ Outside the area of influence of mining project

(11.15.1.5) Primary motivation

Select from:

☒ Legal requirements

(11.15.1.6) Timeframe

Select from:

☒ Undefined

(11.15.1.7) Start year

2015

(11.15.1.9) Description of project

At our site in Palmital, Brazil, we planted 1.15 hectares of natural forest within our factory limits. The are of the factory is 5.76 hectares. Previously, the land was a soybean plantation. This commitment is part of fulfilling local regulations.

(11.15.1.10) Description of outcome to date

The parcel of land is now well-established with local trees in what is still a relatively deforested area.
[Add row]

(11.16) Do your mining projects have closure plans in place?

(11.16.1) Are there closure plans in place?

Select from:

☒ Yes

(11.16.2) Comment

All active mining projects have closure plans in place that align with internal corporate environmental management standards and local regulatory requirements. These plans are reviewed periodically and include site-specific rehabilitation goals, environmental risk assessments, and post-closure monitoring strategies. The plans follow principles outlined in the Leading Practice Sustainable Development Program (LPSPD) and form the basis for long-term closure cost estimations and biodiversity impact minimization.

[Fixed row]

(11.16.1) Please provide details on mines with closure plans.

(11.16.1.1) % of mines with closure plans

100

(11.16.1.3) Is there a financial provision for mine closure expenditure?

Select from:

☒ Yes, for all mines

(11.16.1.4) Frequency closure plans are reviewed

Select all that apply

☒ Regularly (all projects)

(11.16.1.5) Please explain

All our active mining projects have closure plans in place, which are reviewed on a predefined basis. Each plan includes biodiversity considerations, such as habitat restoration objectives, erosion control, and post-closure land use aligned with local conservation priorities. Financial provisions for mine closure are calculated in line

with regulatory requirements and internal environmental risk assessments, and are embedded in the project lifecycle budget. These provisions are reviewed regularly to ensure they remain adequate and reflect updated closure strategies and costs.

[Fixed row]

(11.17) Can you disclose the area rehabilitated (in total and in the reporting year) for each of your mining projects?

	Disclosing area rehabilitated (in total and in the reporting year)	Comment
	Select from: <input checked="" type="checkbox"/> No	N/A

[Fixed row]

(11.18) Do you collaborate or engage in partnerships with non-governmental organizations to promote the implementation of your biodiversity-related goals and commitments?

	Collaborating or partnering with NGOs	Comment
	Select from: <input checked="" type="checkbox"/> No	No collaboration with NGO's on implementation of biodiversity related goals.

[Fixed row]

(11.20) Do you engage with other stakeholders to further the implementation of your policies concerning biodiversity?

Select from:

☒ No

C13. Further information & sign off

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

	Other environmental information included in your CDP response is verified and/or assured by a third party	Primary reason why other environmental information included in your CDP response is not verified and/or assured by a third	Explain why other environmental information included in your CDP response is not verified and/or assured by a third party
	Select from: <input checked="" type="checkbox"/> No, and we do not plan to obtain third-party verification/assurance of other environmental information in our CDP response within the next two years	Select from: <input checked="" type="checkbox"/> Not an immediate strategic priority	We conduct continuous improvement of our internal procedures in preparation for regulatory clarity on assurance requirements.

[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.

(13.2.1) Additional information

Elementis is committed to continuously improving its climate-related disclosures and performance. In 2024, we have aligned our targets, governance processes, and emissions reporting with the latest international standards and frameworks, including the Science Based Targets initiative (SBTi), ESRS E1 and ISSB. We continue to enhance internal data collection systems and integrate ESG considerations across strategic decision-making and risk processes. More detailed information on our sustainability approach, policies, and performance can be found in the 2024 Annual Report and on our website.

(13.2.2) Attachment (optional)

Elementis_Annual_Report_2024 (3).pdf
[Fixed row]

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

(13.3.1) Job title

CEO

(13.3.2) Corresponding job category

Select from:

☒ Chief Executive Officer (CEO)

[Fixed row]

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

Select from:

☒ Yes, CDP may share our Disclosure Submission Lead contact details with the Pacific Institute

