



Orbia Advance Corporation

# 2024 CDP Corporate Questionnaire 2024

Word version

**Important: this export excludes unanswered questions**

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

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

# Contents

## C1. Introduction

### (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

*Orbia is a company driven by a shared purpose: to advance life around the world. Orbia operates in the Polymer Solutions (Vestolit and Alphagary), Building & Infrastructure (Wavin), Precision Agriculture (Netafim), Connectivity Solutions (Dura-Line) and Fluor & Energy Materials (Koura) sectors. The five Orbia business groups have a collective focus on expanding access to health and well-being, reinventing the future of cities and homes, ensuring food, water and sanitation security, connecting communities to information and enabling the energy transition with basic and advanced materials, specialty products and innovative solutions. Orbia has a global team of over 24,000 employees, commercial activities in more than 100 countries and operations in over 50, with global headquarters in Boston, Mexico City, Amsterdam and Tel Aviv.*

[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.

	End date of reporting year	Alignment of this reporting period with your financial reporting period	Indicate if you are providing emissions data for past reporting years
	12/31/2023	Select from: <input checked="" type="checkbox"/> Yes	Select from: <input checked="" type="checkbox"/> No

[Fixed row]

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

	<b>Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?</b>
	<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:*

No

**ISIN code - equity**

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

*Select from:*

Yes

**(1.6.2) Provide your unique identifier**

MX01OR010004

**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

ORBIA

### SEDOL code

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

Select from:

No

### LEI number

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

Select from:

Yes

### (1.6.2) Provide your unique identifier

549300MVHZ20SBIOEQ79

### D-U-N-S number

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

Select from:

No

### Other unique identifier

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

Select from:

No

[Add row]

### (1.8) 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	In 2023, Orbia operated 136 production sites.

[Fixed row]

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

#### Row 1

#### (1.8.1.1) Identifier

Tennille

**(1.8.1.2) Latitude**

32.949928

**(1.8.1.3) Longitude**

-82.799816

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 2**

**(1.8.1.1) Identifier**

*Sugar Lane*

**(1.8.1.2) Latitude**

41.35954

**(1.8.1.3) Longitude**

-82.0739

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 3**

**(1.8.1.1) Identifier**

*Garden Street*

**(1.8.1.2) Latitude**

41.359269

**(1.8.1.3) Longitude**

-82.122423

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 4**

**(1.8.1.1) Identifier**

*Sochaczew*

**(1.8.1.2) Latitude**

52.198125

**(1.8.1.3) Longitude**

20.192055

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 5**

**(1.8.1.1) Identifier**

*Gravenhurst*



**(1.8.1.2) Latitude**

44.995893

**(1.8.1.3) Longitude**

-79.321291

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 6**

**(1.8.1.1) Identifier**

Goa

**(1.8.1.2) Latitude**

15.370961

**(1.8.1.3) Longitude**

73.935767

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 7**

**(1.8.1.1) Identifier**

Serrieres

**(1.8.1.2) Latitude**

45.902325

**(1.8.1.3) Longitude**

5.837029

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 8**

**(1.8.1.1) Identifier**

*Clinton*

**(1.8.1.2) Latitude**

36.10165

**(1.8.1.3) Longitude**

-84.124722

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 9**

**(1.8.1.1) Identifier**

*McAlester*

**(1.8.1.2) Latitude**

34.925377

**(1.8.1.3) Longitude**

-95.824824

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 10**

**(1.8.1.1) Identifier**

*Erwin*

**(1.8.1.2) Latitude**

36.130276

**(1.8.1.3) Longitude**

-82.436797

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 11**

**(1.8.1.1) Identifier**

*North Salt Lake*

**(1.8.1.2) Latitude**

40.857473

**(1.8.1.3) Longitude**

-111.909585

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 12**

**(1.8.1.1) Identifier**

*Gainesville*

**(1.8.1.2) Latitude**

33.657908

**(1.8.1.3) Longitude**

-97.152932

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 13**

**(1.8.1.1) Identifier**

*Sandersville*

**(1.8.1.2) Latitude**

32.999553

**(1.8.1.3) Longitude**

-82.83551

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 14**

**(1.8.1.1) Identifier**

*Sohar*

**(1.8.1.2) Latitude**

24.429516

**(1.8.1.3) Longitude**

56.569919

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 15**

**(1.8.1.1) Identifier**

*Tlumacov*

**(1.8.1.2) Latitude**

49.261358

**(1.8.1.3) Longitude**

17.497471

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 16**

**(1.8.1.1) Identifier**

*Mountain Grove*

**(1.8.1.2) Latitude**

37.125345

**(1.8.1.3) Longitude**

-92.278139

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 17**

**(1.8.1.1) Identifier**

*Evansville*

**(1.8.1.2) Latitude**

42.85858

**(1.8.1.3) Longitude**

-106.216867

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 18**

**(1.8.1.1) Identifier**

*Sparks*

**(1.8.1.2) Latitude**

39.527895

**(1.8.1.3) Longitude**

-119.724202

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 19**

**(1.8.1.1) Identifier**

*West Valley SLC Tape*

**(1.8.1.2) Latitude**

40.6885

**(1.8.1.3) Longitude**

-111.958

**(1.8.1.4) Comment**

*Connectivity Solutions (Dura-Line)*

**Row 20**

**(1.8.1.1) Identifier**

*Mihara*

**(1.8.1.2) Latitude**

34.392411

**(1.8.1.3) Longitude**

133.082727

**(1.8.1.4) Comment**

*Fluor & Energy Materials (Koura)*

**Row 21**

**(1.8.1.1) Identifier**

*Rocksavage*



**(1.8.1.2) Latitude**

53.313628

**(1.8.1.3) Longitude**

-2.721378

**(1.8.1.4) Comment**

*Fluor & Energy Materials (Koura)*

**Row 22**

**(1.8.1.1) Identifier**

*Muzquiz*

**(1.8.1.2) Latitude**

27.882263

**(1.8.1.3) Longitude**

-101.512374

**(1.8.1.4) Comment**

*Fluor & Energy Materials (Koura)*

**Row 23**

**(1.8.1.1) Identifier**

*El Patio*

**(1.8.1.2) Latitude**

22.111257

**(1.8.1.3) Longitude**

-100.91655

**(1.8.1.4) Comment**

*Fluor & Energy Materials (Koura)*

**Row 24**

**(1.8.1.1) Identifier**

*Rioverde*

**(1.8.1.2) Latitude**

21.966143

**(1.8.1.3) Longitude**

-100.008897

**(1.8.1.4) Comment**

*Fluor & Energy Materials (Koura)*

**Row 25**

**(1.8.1.1) Identifier**

*Las Cuevas*

**(1.8.1.2) Latitude**

21.941647

**(1.8.1.3) Longitude**

-100.577946

**(1.8.1.4) Comment**

*Fluor & Energy Materials (Koura)*

**Row 26**

**(1.8.1.1) Identifier**

*St. Gabriel*

**(1.8.1.2) Latitude**

30.235727

**(1.8.1.3) Longitude**

-91.099571

**(1.8.1.4) Comment**

*Fluor & Energy Materials (Koura)*

**Row 27**

**(1.8.1.1) Identifier**

*Matamoros*

**(1.8.1.2) Latitude**

25.90719

**(1.8.1.3) Longitude**

-97.55164

**(1.8.1.4) Comment**

*Fluor & Energy Materials (Koura)*

**Row 28**

**(1.8.1.1) Identifier**

*Cape Town*

**(1.8.1.2) Latitude**

-33.841484

**(1.8.1.3) Longitude**

18.731544

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 29**

**(1.8.1.1) Identifier**

*Melbourne*

**(1.8.1.2) Latitude**

-37.816165

**(1.8.1.3) Longitude**

144.786698

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 30**

**(1.8.1.1) Identifier**

*Ribeirao Preto*

**(1.8.1.2) Latitude**

-21.12044

**(1.8.1.3) Longitude**

-47.831812

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 31**

**(1.8.1.1) Identifier**

*Santiago*

**(1.8.1.2) Latitude**

-33.374309

**(1.8.1.3) Longitude**

-70.754727

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 32**

**(1.8.1.1) Identifier**

*Chennai*

**(1.8.1.2) Latitude**

12.73713

**(1.8.1.3) Longitude**

80.0045

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 33**

**(1.8.1.1) Identifier**

*Adana Netafim*

**(1.8.1.2) Latitude**

36.979655

**(1.8.1.3) Longitude**

35.621797

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 34**

**(1.8.1.1) Identifier**

*Reynosa*

**(1.8.1.2) Latitude**

26.008416

**(1.8.1.3) Longitude**

-98.268321

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 35**

**(1.8.1.1) Identifier**

*Rucphen*

### (1.8.1.2) Latitude

51.957172

### (1.8.1.3) Longitude

4.229192

### (1.8.1.4) Comment

*Precision Agriculture (Netafim)*

## Row 36

### (1.8.1.1) Identifier

*Yinchuan*

### (1.8.1.2) Latitude

38.463906

### (1.8.1.3) Longitude

106.100619

### (1.8.1.4) Comment

*Precision Agriculture (Netafim)*

## Row 37

### (1.8.1.1) Identifier

*Cali-Colpozos*



**(1.8.1.2) Latitude**

3.490394

**(1.8.1.3) Longitude**

-76.507896

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 38**

**(1.8.1.1) Identifier**

*Yiftach*

**(1.8.1.2) Latitude**

33.125323

**(1.8.1.3) Longitude**

35.551687

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 39**

**(1.8.1.1) Identifier**

*Lurin*

**(1.8.1.2) Latitude**

-12.290457

**(1.8.1.3) Longitude**

-76.841186

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 40**

**(1.8.1.1) Identifier**

*Vadodara*

**(1.8.1.2) Latitude**

22.547857

**(1.8.1.3) Longitude**

73.462372

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 41**

**(1.8.1.1) Identifier**

*Magal*

**(1.8.1.2) Latitude**

32.3867

**(1.8.1.3) Longitude**

35.033955

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 42**

**(1.8.1.1) Identifier**

*Hatzerim*

**(1.8.1.2) Latitude**

31.240549

**(1.8.1.3) Longitude**

34.717515

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 43**

**(1.8.1.1) Identifier**

*Valencia*

**(1.8.1.2) Latitude**

39.477738

**(1.8.1.3) Longitude**

-0.543038

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 44**

**(1.8.1.1) Identifier**

*Fowler*

**(1.8.1.2) Latitude**

36.762922

**(1.8.1.3) Longitude**

-119.705432

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 45**

**(1.8.1.1) Identifier**

*Fresno*

**(1.8.1.2) Latitude**

36.764151

**(1.8.1.3) Longitude**

-119.718105

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 46**

**(1.8.1.1) Identifier**

*Culiacan*

**(1.8.1.2) Latitude**

24.751748

**(1.8.1.3) Longitude**

-107.36068

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 47**

**(1.8.1.1) Identifier**

*Morocco*

**(1.8.1.2) Latitude**

34.295053

**(1.8.1.3) Longitude**

-6.41379

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 48**

**(1.8.1.1) Identifier**

*Wateringen*

**(1.8.1.2) Latitude**

52.0247

**(1.8.1.3) Longitude**

4.2741

**(1.8.1.4) Comment**

*Precision Agriculture (Netafim)*

**Row 49**

**(1.8.1.1) Identifier**

*Chinley*

**(1.8.1.2) Latitude**

53.336509

**(1.8.1.3) Longitude**

-1.947333

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 50**

**(1.8.1.1) Identifier**

*PMV Minera*

**(1.8.1.2) Latitude**

18.00516

**(1.8.1.3) Longitude**

-94.744207

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 51**

**(1.8.1.1) Identifier**

*Coatzacoalcos*

**(1.8.1.2) Latitude**

18.112317

**(1.8.1.3) Longitude**

-94.401488

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 52**

**(1.8.1.1) Identifier**

*Altamira I Resinas*

**(1.8.1.2) Latitude**

22.407533

**(1.8.1.3) Longitude**

-97.897466

**(1.8.1.4) Comment**

*Polymer Solutions(Vestolit)*

**Row 53**

**(1.8.1.1) Identifier**

*Altamira Compuestos*



**(1.8.1.2) Latitude**

22.407533

**(1.8.1.3) Longitude**

-97.895293

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 54**

**(1.8.1.1) Identifier**

*Tultitlán Quimir*

**(1.8.1.2) Latitude**

19.614368

**(1.8.1.3) Longitude**

-99.18141

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 55**

**(1.8.1.1) Identifier**

*Lechería Quimir*

**(1.8.1.2) Latitude**

19.613017

**(1.8.1.3) Longitude**

-99.181174

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 56**

**(1.8.1.1) Identifier**

*La Presa*

**(1.8.1.2) Latitude**

19.524784

**(1.8.1.3) Longitude**

-99.120775

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 57**

**(1.8.1.1) Identifier**

*Pineville*

**(1.8.1.2) Latitude**

35.102368

**(1.8.1.3) Longitude**

-80.886713

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 58**

**(1.8.1.1) Identifier**

*Pedricktown*

**(1.8.1.2) Latitude**

39.764764

**(1.8.1.3) Longitude**

-75.420883

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 59**

**(1.8.1.1) Identifier**

*Cajicá derivados*

**(1.8.1.2) Latitude**

4.965886

**(1.8.1.3) Longitude**

-74.007433

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 60**

**(1.8.1.1) Identifier**

*Cartagena Resinas*

**(1.8.1.2) Latitude**

10.326719

**(1.8.1.3) Longitude**

-75.506137

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 61**

**(1.8.1.1) Identifier**

*Cartagena Compuestos*

**(1.8.1.2) Latitude**

10.326722

**(1.8.1.3) Longitude**

-75.503948

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 62**

**(1.8.1.1) Identifier**

*El Salto*

**(1.8.1.2) Latitude**

20.49023

**(1.8.1.3) Longitude**

-103.22593

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 63**

**(1.8.1.1) Identifier**

*Tlaxcala Resinas*

**(1.8.1.2) Latitude**

19.168018

**(1.8.1.3) Longitude**

-98.228002

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 64**

**(1.8.1.1) Identifier**

*Tlaxcala Compuestos*

**(1.8.1.2) Latitude**

19.168273

**(1.8.1.3) Longitude**

-98.227892

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 65**

**(1.8.1.1) Identifier**

*Marl*

**(1.8.1.2) Latitude**

51.681563

**(1.8.1.3) Longitude**

7.100299

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 66**

**(1.8.1.1) Identifier**

*Altamira II*

**(1.8.1.2) Latitude**

22.453146

**(1.8.1.3) Longitude**

-97.989971

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 67**

**(1.8.1.1) Identifier**

*Denver*

**(1.8.1.2) Latitude**

40.223576

**(1.8.1.3) Longitude**

-76.112498

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 68**

**(1.8.1.1) Identifier**

*Leominster*

**(1.8.1.2) Latitude**

42.533303

**(1.8.1.3) Longitude**

-71.708668

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 69**

**(1.8.1.1) Identifier**

*Melton Mowbray*



**(1.8.1.2) Latitude**

52.752347

**(1.8.1.3) Longitude**

-0.906794

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 70**

**(1.8.1.1) Identifier**

*Halol-3*

**(1.8.1.2) Latitude**

22.570554

**(1.8.1.3) Longitude**

73.488728

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 71**

**(1.8.1.1) Identifier**

*Halol-2*

**(1.8.1.2) Latitude**

22.539284

**(1.8.1.3) Longitude**

73.450447

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 72**

**(1.8.1.1) Identifier**

*Halol-1*

**(1.8.1.2) Latitude**

22.532687

**(1.8.1.3) Longitude**

73.45396

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 73**

**(1.8.1.1) Identifier**

*Daman*

**(1.8.1.2) Latitude**

20.459532

**(1.8.1.3) Longitude**

72.86432

**(1.8.1.4) Comment**

*Polymer Solutions (Alphagary)*

**Row 74**

**(1.8.1.1) Identifier**

*Henry*

**(1.8.1.2) Latitude**

41.133953

**(1.8.1.3) Longitude**

-89.34279

**(1.8.1.4) Comment**

*Polymer Solutions (Vestolit)*

**Row 75**

**(1.8.1.1) Identifier**

*Sikandrabad*

**(1.8.1.2) Latitude**

28.469444

**(1.8.1.3) Longitude**

77.663611

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 76**

**(1.8.1.1) Identifier**

*Westeregeln*

**(1.8.1.2) Latitude**

51.957013

**(1.8.1.3) Longitude**

11.376339

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 77**

**(1.8.1.1) Identifier**

*Twist*

**(1.8.1.2) Latitude**

52.641412

**(1.8.1.3) Longitude**

7.106509

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 78**

**(1.8.1.1) Identifier**

*Varennnes*

**(1.8.1.2) Latitude**

46.291543

**(1.8.1.3) Longitude**

3.425363

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 79**

**(1.8.1.1) Identifier**

*Forest Works*

**(1.8.1.2) Latitude**

54.750426

**(1.8.1.3) Longitude**

-1.612809

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 80**

**(1.8.1.1) Identifier**

*Chippenham*

**(1.8.1.2) Latitude**

51.470218

**(1.8.1.3) Longitude**

-2.106321

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 81**

**(1.8.1.1) Identifier**

*Hardenberg*

**(1.8.1.2) Latitude**

52.566193

**(1.8.1.3) Longitude**

6.631615

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 82**

**(1.8.1.1) Identifier**

*Eskilstuna*

**(1.8.1.2) Latitude**

59.370968

**(1.8.1.3) Longitude**

16.683764

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 83**

**(1.8.1.1) Identifier**

*Foshan*

### (1.8.1.2) Latitude

23.124325

### (1.8.1.3) Longitude

113.006518

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 84

### (1.8.1.1) Identifier

*Costa Rica-Belén*

### (1.8.1.2) Latitude

9.979466

### (1.8.1.3) Longitude

-84.165975

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 85

### (1.8.1.1) Identifier

*Cuautitlan - Geosistemas*



**(1.8.1.2) Latitude**

19.652829

**(1.8.1.3) Longitude**

-99.191232

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 86**

**(1.8.1.1) Identifier**

*Cuautitlan - Tubosistemas*

**(1.8.1.2) Latitude**

19.652829

**(1.8.1.3) Longitude**

-99.191232

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 87**

**(1.8.1.1) Identifier**

*Jaipur*

**(1.8.1.2) Latitude**

26.806111

**(1.8.1.3) Longitude**

75.560833

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 88**

**(1.8.1.1) Identifier**

*Haridwar-II*

**(1.8.1.2) Latitude**

29.955556

**(1.8.1.3) Longitude**

78.07

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 89**

**(1.8.1.1) Identifier**

*Haridwar-I*

**(1.8.1.2) Latitude**

29.951389

**(1.8.1.3) Longitude**

78.060833

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 90**

**(1.8.1.1) Identifier**

*Banmore-III*

**(1.8.1.2) Latitude**

26.363889

**(1.8.1.3) Longitude**

78.088333

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 91**

**(1.8.1.1) Identifier**

*Banmore-II*

### (1.8.1.2) Latitude

26.371539

### (1.8.1.3) Longitude

78.086547

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 92

### (1.8.1.1) Identifier

*Sao Jose dos Campos*

### (1.8.1.2) Latitude

-27.553411

### (1.8.1.3) Longitude

-48.619858

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 93

### (1.8.1.1) Identifier

*Suapé Brasil*

### (1.8.1.2) Latitude

-8.398121

### (1.8.1.3) Longitude

-35.060988

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 94

### (1.8.1.1) Identifier

*Ribeirao das Neves*

### (1.8.1.2) Latitude

-19.787366

### (1.8.1.3) Longitude

-44.010545

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 95

### (1.8.1.1) Identifier

*Sumaré*

**(1.8.1.2) Latitude**

-22.82007

**(1.8.1.3) Longitude**

-47.246744

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 96**

**(1.8.1.1) Identifier**

*Argentina-Pablo Podesta*

**(1.8.1.2) Latitude**

-34.580023

**(1.8.1.3) Longitude**

-58.610246

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 97**

**(1.8.1.1) Identifier**

*Venezuela-Cua*

**(1.8.1.2) Latitude**

10.167855

**(1.8.1.3) Longitude**

-66.897998

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 98**

**(1.8.1.1) Identifier**

*Pavco Bogota - Geosistemas*

**(1.8.1.2) Latitude**

4.595469

**(1.8.1.3) Longitude**

-74.163708

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 99**

**(1.8.1.1) Identifier**

*Pavco Bogota - Tubosistemas*

**(1.8.1.2) Latitude**

4.595469

**(1.8.1.3) Longitude**

-74.163708

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 100**

**(1.8.1.1) Identifier**

*Celta - Barranquilla*

**(1.8.1.2) Latitude**

4.916205

**(1.8.1.3) Longitude**

-74.046667

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 101**

**(1.8.1.1) Identifier**

*Guachene - Geosistemas*



### (1.8.1.2) Latitude

3.210059

### (1.8.1.3) Longitude

-76.420308

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 102

### (1.8.1.1) Identifier

*Guachene - Tubosistemas PVC y GRP*

### (1.8.1.2) Latitude

3.13303

### (1.8.1.3) Longitude

-76.39174

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 103

### (1.8.1.1) Identifier

*Arequipa - Tubosistemas*

**(1.8.1.2) Latitude**

-16.41931

**(1.8.1.3) Longitude**

-71.509073

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 104**

**(1.8.1.1) Identifier**

*Balbriggan*

**(1.8.1.2) Latitude**

53.605575

**(1.8.1.3) Longitude**

-6.184051

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 105**

**(1.8.1.1) Identifier**

*Buk*

**(1.8.1.2) Latitude**

52.348872

**(1.8.1.3) Longitude**

16.52665

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 106**

**(1.8.1.1) Identifier**

*Tumkur*

**(1.8.1.2) Latitude**

13.485556

**(1.8.1.3) Longitude**

77.037778

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 107**

**(1.8.1.1) Identifier**

*Adana W*

### (1.8.1.2) Latitude

36.979655

### (1.8.1.3) Longitude

35.621797

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 108

### (1.8.1.1) Identifier

*S.M. Maddalena*

### (1.8.1.2) Latitude

44.904102

### (1.8.1.3) Longitude

11.600488

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 109

### (1.8.1.1) Identifier

*Zsambek*

**(1.8.1.2) Latitude**

47.545381

**(1.8.1.3) Longitude**

18.731108

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 110**

**(1.8.1.1) Identifier**

*Guatemala-Palin*

**(1.8.1.2) Latitude**

14.599499

**(1.8.1.3) Longitude**

-90.539061

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 111**

**(1.8.1.1) Identifier**

*León*

### (1.8.1.2) Latitude

21.087885

### (1.8.1.3) Longitude

-101.681612

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 112

### (1.8.1.1) Identifier

*Kostelec nad Labem*

### (1.8.1.2) Latitude

50.234759

### (1.8.1.3) Longitude

14.584053

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 113

### (1.8.1.1) Identifier

*Horni Pocernice*

### (1.8.1.2) Latitude

50.122406

### (1.8.1.3) Longitude

14.613469

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 114

### (1.8.1.1) Identifier

*St. Niklaas*

### (1.8.1.2) Latitude

51.149056

### (1.8.1.3) Longitude

4.126486

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 115

### (1.8.1.1) Identifier

*Kashipur*

**(1.8.1.2) Latitude**

29.135833

**(1.8.1.3) Longitude**

78.938611

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 116**

**(1.8.1.1) Identifier**

*Neemrana*

**(1.8.1.2) Latitude**

27.981117

**(1.8.1.3) Longitude**

76.39402

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 117**

**(1.8.1.1) Identifier**

*Bhopal*



**(1.8.1.2) Latitude**

23.105833

**(1.8.1.3) Longitude**

77.519167

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 118**

**(1.8.1.1) Identifier**

*Joinville Gloria*

**(1.8.1.2) Latitude**

-26.288632

**(1.8.1.3) Longitude**

-48.86484

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 119**

**(1.8.1.1) Identifier**

*Joinville Floresta*

### (1.8.1.2) Latitude

-26.337979

### (1.8.1.3) Longitude

-48.846319

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 120

### (1.8.1.1) Identifier

*Ecuador-Duran*

### (1.8.1.2) Latitude

-2.191214

### (1.8.1.3) Longitude

-79.82391

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 121

### (1.8.1.1) Identifier

*Lima - Geosistemas*

**(1.8.1.2) Latitude**

-12.05875

**(1.8.1.3) Longitude**

-76.948808

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 122**

**(1.8.1.1) Identifier**

*Lima - Tubosistemas*

**(1.8.1.2) Latitude**

-12.05875

**(1.8.1.3) Longitude**

-76.948808

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 123**

**(1.8.1.1) Identifier**

*Joutsa*

**(1.8.1.2) Latitude**

61.759525

**(1.8.1.3) Longitude**

26.1079

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 124**

**(1.8.1.1) Identifier**

*Hazlehead*

**(1.8.1.2) Latitude**

53.538558

**(1.8.1.3) Longitude**

-1.727663

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 125**

**(1.8.1.1) Identifier**

*Doncaster*

**(1.8.1.2) Latitude**

53.488512

**(1.8.1.3) Longitude**

-1.185

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 126**

**(1.8.1.1) Identifier**

*Strzelin*

**(1.8.1.2) Latitude**

52.404036

**(1.8.1.3) Longitude**

16.865753

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 127**

**(1.8.1.1) Identifier**

*Hammel*

**(1.8.1.2) Latitude**

56.25238

**(1.8.1.3) Longitude**

9.850467

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 128**

**(1.8.1.1) Identifier**

*Kangasala*

**(1.8.1.2) Latitude**

61.476556

**(1.8.1.3) Longitude**

23.991944

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 129**

**(1.8.1.1) Identifier**

*Dahej*

**(1.8.1.2) Latitude**

21.719167

**(1.8.1.3) Longitude**

72.676111

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 130**

**(1.8.1.1) Identifier**

*Guwahati*

**(1.8.1.2) Latitude**

26.354167

**(1.8.1.3) Longitude**

91.676389

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 131**

**(1.8.1.1) Identifier**

*Raipur*

**(1.8.1.2) Latitude**

21.305

**(1.8.1.3) Longitude**

81.610833

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 132**

**(1.8.1.1) Identifier**

*Hyderabad*

**(1.8.1.2) Latitude**

17.169561

**(1.8.1.3) Longitude**

78.292594

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 133**

**(1.8.1.1) Identifier**

*Trichy*



**(1.8.1.2) Latitude**

11.002778

**(1.8.1.3) Longitude**

78.81

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 134**

**(1.8.1.1) Identifier**

*Jammu*

**(1.8.1.2) Latitude**

32.641944

**(1.8.1.3) Longitude**

74.938611

**(1.8.1.4) Comment**

*Building & Infrastructure (Wavin)*

**Row 135**

**(1.8.1.1) Identifier**

*Vittie*

### (1.8.1.2) Latitude

45.39399

### (1.8.1.3) Longitude

-72.71257

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

## Row 136

### (1.8.1.1) Identifier

*Andre-Line*

### (1.8.1.2) Latitude

45.38302

### (1.8.1.3) Longitude

-72.7709

### (1.8.1.4) Comment

*Building & Infrastructure (Wavin)*

*[Add row]*

## (1.24) Has your organization mapped its value chain?

### (1.24.1) Value chain mapped

Select from:

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

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

Select all that apply

- Upstream value chain
- Downstream value chain

### (1.24.3) Highest supplier tier mapped

Select from:

- Tier 1 suppliers

### (1.24.4) Highest supplier tier known but not mapped

Select from:

- All supplier tiers known have been mapped

### (1.24.7) Description of mapping process and coverage

*As a result of our latest Climate Risk Assessment, a high-level overview of climate risks linked to our main value chains (PVC, Polyolefins and Fluorspar, which are the most critical to our business), was performed to inform potential impacts to suppliers, infrastructure, and consumers. Higher risks that may impact Orbia's supply chains include transportation issues, especially related to extreme climatic events such as floods, hurricanes, and cold spells; damage or destruction of facilities, infrastructure, and physical assets; and production disruption linked to extreme weather events. Difficulty to access raw material and price fluctuations, represent a low-moderate risk for most of Orbia's business groups, mainly due to the vertical integration of our chemical operations and the relatively small dependence on external companies.*

[Fixed row]

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

### (1.24.1.1) Plastics mapping

Select from:

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

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

Select all that apply

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

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

Select all that apply

- Landfill
- Recycling
- Incineration
- Waste to Energy
- Preparation for reuse
- Composting (industrial/home)

[Fixed row]

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

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

### **Short-term**

**(2.1.1) From (years)**

1

**(2.1.3) To (years)**

1

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

*Anything that has an impact within one year (aligned with strategic planning).*

### **Medium-term**

**(2.1.1) From (years)**

1

**(2.1.3) To (years)**

4

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

*Depending on the issue, it can vary from 1-4 years (aligned with strategic planning).*

## Long-term

### (2.1.1) From (years)

5

### (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

5 years and above with no time limit (aligned with strategic planning).

[Fixed row]

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

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

[Fixed row]

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

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

[Fixed row]

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

**Row 1**

**(2.2.2.1) Environmental issue**

Select all that apply

- 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:

- Full

#### (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:

- Every three years or more

#### (2.2.2.9) Time horizons covered

Select all that apply

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

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

Select from:

- Integrated into multi-disciplinary organization-wide risk management process



### (2.2.2.11) Location-specificity used

Select all that apply

- Site-specific

### (2.2.2.12) Tools and methods used

#### Commercially/publicly available tools

- WRI Aqueduct
- WWF Water Risk Filter

#### Enterprise Risk Management

- Enterprise Risk Management
- Internal company methods
- Risk models

#### International methodologies and standards

- IPCC Climate Change Projections

#### Databases

- Nation-specific databases, tools, or standards

#### Other

- Materiality assessment
- Scenario analysis

### (2.2.2.13) Risk types and criteria considered

#### Acute physical

- Drought
- Flood (coastal, fluvial, pluvial, ground water)
- Heavy precipitation (rain, hail, snow/ice)
- Landslide

### **Chronic physical**

- Water stress
- Sea level rise
- Groundwater depletion
- Precipitation or hydrological variability
- Increased severity of extreme weather events

### **Policy**

- Increased pricing of water
- Changes to national legislation
- Increased difficulty in obtaining operations permits
- Changes to international law and bilateral agreements
- Increased difficulty in obtaining water withdrawals permit

### **Market**

- Availability and/or increased cost of raw materials

### **Reputation**

- Increased partner and stakeholder concern and partner and stakeholder negative feedback
- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)
- Stigmatization of sector

### **Liability**

- Non-compliance with regulations

- Water availability at a basin/catchment level
- Seasonal supply variability/interannual variability
- Changing precipitation patterns and types (rain, hail, snow/ice)

- Statutory water withdrawal limits/changes to water allocation
- Mandatory water efficiency, conservation, recycling, or process standards

## **(2.2.2.14) Partners and stakeholders considered**

*Select all that apply*

- Customers
- Employees
- Water utilities at a local level
- Other water users at the basin/catchment level

- Investors
- Suppliers
- Local communities

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

Select from:

- Yes

#### (2.2.2.16) Further details of process

*Our dependencies, impacts, risks and opportunities related to water followed the same process described for climate change. The assessment conducted included a large list of water-related variables.*

### Row 2

#### (2.2.2.1) Environmental issue

Select all that apply

- Climate change

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

Select all that apply

- Dependencies
- Impacts
- Risks
- Opportunities

#### (2.2.2.3) Value chain stages covered

Select all that apply

- Direct operations

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

#### (2.2.2.4) Coverage

Select from:

- Full

#### (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:

- Every three years or more

#### (2.2.2.9) Time horizons covered

Select all that apply

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

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

Select from:

- Integrated into multi-disciplinary organization-wide risk management process

### (2.2.2.11) Location-specificity used

*Select all that apply*

- Site-specific

### (2.2.2.12) Tools and methods used

#### **Enterprise Risk Management**

- Enterprise Risk Management
- Internal company methods
- Risk models

#### **International methodologies and standards**

- IPCC Climate Change Projections

#### **Databases**

- Nation-specific databases, tools, or standards

#### **Other**

- Materiality assessment
- Scenario analysis

### (2.2.2.13) Risk types and criteria considered

#### **Acute physical**

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

### **Chronic physical**

- Water stress
- Sea level rise
- Precipitation or hydrological variability
- Increased severity of extreme weather events
- Water availability at a basin/catchment level

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

### **Policy**

- Carbon pricing mechanisms
- Changes to international law and bilateral agreements
- Changes to national legislation
- Increased difficulty in obtaining operations permits

### **Market**

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

### **Reputation**

- Increased partner and stakeholder concern and partner and stakeholder negative feedback
- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)
- Stigmatization of sector

### **Technology**

- Transition to lower emissions technology and products

### **Liability**

- Non-compliance with regulations

## **(2.2.2.14) Partners and stakeholders considered**

*Select all that apply*

- Customers
- Employees
- Investors
- Suppliers

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

Select from:

- Yes

### (2.2.2.16) Further details of process

*The 2023 update of our climate risk and opportunity assessment covered 134 Orbia sites (100% of active sites in 2022 - at the start of the assessment) globally, with a deep dive on a priority sample of 12 sites, considering two future scenarios to 2030 and 2050 for both physical and transition risks, and improved financial quantification aligned with Orbia's Enterprise Risk Management (ERM) processes and risk thresholds. 1. Scenario analysis. The selection of the scenarios used in our assessment follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk, with one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increase to 4C above the pre-industrial average. 2. Risks and Opportunities Screening (Data sources and tools). To identify possible climate risks and opportunities, a variety of data sources and tools were used according to physical and transition risks as well as opportunities. These sources included the World Bank's Climate Change Knowledge Portal, the IPCC WGI Interactive Atlas, The World Bank, Climate Transparency and Climate Policy Tracker. Additionally, stress-testing was used in the priority sample to deepen physical risks results. 3. Assessment and Modeling. Following the guidance of ISO14090 and ISO14091, risks and opportunities were assessed based on magnitude/ likelihood, exposure and vulnerability (sensitivity and adaptive capacity) of the hazard or trend. For physical risks, hazard types assessed include extreme heat, cold spells and frosts, floods, landslides, aridity, droughts, wildfires and sandstorms, and future trends. In the case of transition risks, the International Institute for Applied Systems Analysis' NGFS Scenario Explorer was used to extract information on transition-related climate change risks. Finally, identified opportunities were classified into four categories: market, law and policy changes, social value changes and technology changes. We also conducted a high-level overview of climate risks linked to our main value chains (PVC, Polyolefins and Fluorspar, which are the most critical to our business), performed to inform potential impacts to suppliers, infrastructure, and consumers. Higher risks that may impact Orbia's supply chains include transportation issues, especially related to extreme climatic events such as floods, hurricanes, and cold spells; damage or destruction of facilities, infrastructure, and physical assets; and production disruption linked to extreme weather events.*

## Row 3

### (2.2.2.1) Environmental issue

Select all that apply

- Plastics

### (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
- End of life management

### (2.2.2.4) Coverage

*Select from:*

- Full

### (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:

- Every three years or more

### (2.2.2.9) Time horizons covered

Select all that apply

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

### (2.2.2.10) Integration of risk management process

Select from:

- Integrated into multi-disciplinary organization-wide risk management process

### (2.2.2.11) Location-specificity used

Select all that apply

- National

### (2.2.2.12) Tools and methods used

#### Enterprise Risk Management

- Enterprise Risk Management
- Internal company methods
- Risk models

#### International methodologies and standards

- Life Cycle Assessment

#### Databases

- Other databases, please specify :NGFS

## Other

- Internal company methods
- Materiality assessment
- Scenario analysis

## (2.2.2.13) Risk types and criteria considered

### Policy

- Changes to international law and bilateral agreements
- Changes to national legislation
- Lack of globally accepted and harmonized definitions

### Market

- Availability and/or increased cost of certified sustainable material
- Availability and/or increased cost of raw materials
- Availability and/or increased cost of recycled or renewable content
- Changing customer behavior

### Reputation

- Impact on human health
- Increased partner and stakeholder concern and partner and stakeholder negative feedback
- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)
- Stigmatization of sector

### Technology

- Transition to reusable products
- Transition to recyclable plastic products
- Transition to increasing renewable content
- Transition to increasing recycled content

## Liability

- Non-compliance with regulations

### (2.2.2.14) Partners and stakeholders considered

Select all that apply

- Customers
- Investors
- Suppliers

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

Select from:

- Yes

### (2.2.2.16) Further details of process

*As a Company that manufactures and transforms plastics, we have clearly mapped our dependencies on these materials as they are part of our core business. During our risk assessment conducted in 2023, we decided to include transition risks related to stigmatization of the plastic sector and circularity challenges. Important risks derived from this analysis (which followed the same steps described on the climate row) are being reviewed, action plans to mitigate these risks are being developed and the implementation of these action plans are monitored at Senior Leadership Level.*

## Row 4

### (2.2.2.1) Environmental issue

Select all that apply

- Biodiversity

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

Select all that apply

- Impacts

- Risks
- Opportunities

### (2.2.2.3) Value chain stages covered

*Select all that apply*

- Direct operations

### (2.2.2.4) Coverage

*Select from:*

- Full

### (2.2.2.7) Type of assessment

*Select from:*

- Qualitative and quantitative

### (2.2.2.8) Frequency of assessment

*Select from:*

- Every three years or more

### (2.2.2.9) Time horizons covered

*Select all that apply*

- Short-term

### (2.2.2.10) Integration of risk management process

*Select from:*

- A specific environmental risk management process

### (2.2.2.11) Location-specificity used

Select all that apply

- Site-specific

## (2.2.2.12) Tools and methods used

### Commercially/publicly available tools

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

### Enterprise Risk Management

- Enterprise Risk Management

### Databases

- Nation-specific databases, tools, or standards

### Other

- Internal company methods
- Materiality assessment
- Scenario analysis

## (2.2.2.13) Risk types and criteria considered

### Chronic physical

- Declining ecosystem services
- Increased ecosystem vulnerability
- Increased levels of environmental pollutants in freshwater bodies
- Water availability at a basin/catchment level
- Water stress

### (2.2.2.14) Partners and stakeholders considered

Select all that apply

- Employees
- Local communities

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

Select from:

- No

### (2.2.2.16) Further details of process

*In order to factor nature into our business performance, Orbia is taking the first step towards aligning to the Taskforce on Nature-related Financial Disclosures (TNFD) framework by adopting the LEAP approach. All Orbia sites have been assessed on their sensitivity towards nature using two international reference tools: the Integrated Biodiversity Assessment Tool (IBAT) and the World Wildlife Fund (WWF) Biodiversity Risk Filter. These trusted frameworks enhance the depth and accuracy of our initial assessment to locate priority sites and ensure reliable and actionable insights into nature-related risks.*

[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

*Our approach towards conducting our most recent climate risk assessment, included a review on our dependencies, impacts, risks and opportunities related to water and also to the challenges of plastics manufactures and transformers. As a result, our most recent Impact Report shows relevant risks identified linked to climate, water scarcity and plastics transition to a circular economy.*

[Fixed row]

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

### (2.3.1) Identification of priority locations

Select from:

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

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

Select all that apply

- Direct operations

### (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
- Areas of importance for ecosystem service provision

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

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

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

*All Orbia sites have been assessed on their sensitivity towards nature using two international reference tools: the Integrated Biodiversity Assessment Tool (IBAT) and the World Wildlife Fund (WWF) Biodiversity Risk Filter. These trusted frameworks enhance the comprehensiveness and accuracy of our preliminary assessment to locate priority sites and ensuring reliable and actionable insights into nature-related risks. Orbia also conducts an annual review of water stress levels by using the Aqueduct tool from WRI, which provides a quick overview and informs on updates across our operating sites much faster than our regular climate-risk assessments. All this, in combination with specific local risk reviews (many of them using WWF's Water Risk filter and including additional stakeholders like neighboring communities) allows for prioritization to set specific local goals and develop action plans.*

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

Select from:

- No, we have a list/geospatial map of priority locations, but we will not be disclosing it

[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

Quantitative

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

Select from:

Revenue

#### (2.4.3) Change to indicator

Select from:

Absolute increase

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

50000000

#### (2.4.6) Metrics considered in definition

Select all that apply

Other, please specify :Any risk with an impact of more than \$50,000,000 USD

#### (2.4.7) Application of definition

Risks that have a potential material impact ( 50,000,000 USD) on Orbia's shareholder value or Orbia's ability to implement its strategic plans.



## Opportunities

### (2.4.1) Type of definition

Select all that apply

Quantitative

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

Select from:

Revenue

### (2.4.3) Change to indicator

Select from:

Absolute increase

### (2.4.5) Absolute increase/ decrease figure

50000000

### (2.4.6) Metrics considered in definition

Select all that apply

Other, please specify :Any opportunity with an impact of more than \$50,000,000 USD

### (2.4.7) Application of definition

Opportunities that have a potential material impact ( 50,000,000 USD) on Orbia's shareholder value or Orbia's ability to implement its strategic plans.

[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

*Water pollutants are identified and classified through water quality analysis carried out by external laboratories in compliance with local regulation.  
[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 nutrients and oxygen demanding pollutants

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

*Potential Impacts of oxygen demanding pollutants are mainly around aquatic organism stress, reduced biodiversity and disruption of food chains. Further details are provided below: \* Biochemical Oxygen Demand (BOD) is a critical parameter used to determine the quality of water. BOD measures the amount of dissolved oxygen required by microorganisms to break down organic matter in water. \* Chemical Oxygen Demand (COD) is an important water quality parameter because, similar to BOD. It provides an index to assess the effect discharged wastewater will have on the receiving environment. \* Total Organic Carbon (TOC) is a measure of the total amount of carbon in organic compounds in pure water and aqueous systems. TOC is a valued, analytical technique that is applied by organizations and labs to determine how suitable a solution is for their processes. \* Total Suspended Solids (TSS) is usually sufficient for making routine environmental management decisions but does not provide detailed information about the specific type or source of suspended particles. Silt, clay, sand, algae and bits of plant material as well as solids associated with material handling at the facility are all trapped on the filter and become part of the TSS measurement.*

#### (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
- 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

*Our chemical manufacturing facilities have preventive and corrective action plans carried out every year, according an annual plan with the objective of identify potential leakages, spills, pipe erosion, etc. Business Groups have a full standard to prevent chemical accidents including the HSE fundamentals as part of the continuous communication and prevention at the plants. Also, every site has its own procedure to Emergency preparedness and response such as an annual training, HSE drills, local participation in regional drills, monthly follow-up with the site managers and global directors; among other activities. Every site has treatment systems in place to operate in compliance with the local regulations.*

[Add row]

### C3. Disclosure of risks and opportunities

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

	Environmental risks identified
Climate change	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, both in direct operations and upstream/downstream value chain
Water	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, both in direct operations and upstream/downstream value chain
Plastics	<i>Select from:</i> <input checked="" type="checkbox"/> Yes, both in direct operations and upstream/downstream value chain

*[Fixed row]*

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

#### Climate change

##### (3.1.1.1) Risk identifier

*Select from:*

Risk1

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

## Policy

- Changes to regulation of existing products and services

### (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"/> Italy     | <input checked="" type="checkbox"/> Greece   |
| <input checked="" type="checkbox"/> Malta     | <input checked="" type="checkbox"/> Latvia   |
| <input checked="" type="checkbox"/> Spain     | <input checked="" type="checkbox"/> Poland   |
| <input checked="" type="checkbox"/> Cyprus    | <input checked="" type="checkbox"/> Sweden   |
| <input checked="" type="checkbox"/> France    | <input checked="" type="checkbox"/> Austria  |
| <input checked="" type="checkbox"/> Belgium   | <input checked="" type="checkbox"/> Finland  |
| <input checked="" type="checkbox"/> Croatia   | <input checked="" type="checkbox"/> Germany  |
| <input checked="" type="checkbox"/> Czechia   | <input checked="" type="checkbox"/> Hungary  |
| <input checked="" type="checkbox"/> Denmark   | <input checked="" type="checkbox"/> Ireland  |
| <input checked="" type="checkbox"/> Estonia   | <input checked="" type="checkbox"/> Romania  |
| <input checked="" type="checkbox"/> Bulgaria  | <input checked="" type="checkbox"/> Luxembourg   |
| <input checked="" type="checkbox"/> Portugal  | <input checked="" type="checkbox"/> Netherlands  |
| <input checked="" type="checkbox"/> Slovakia  | <input checked="" type="checkbox"/> United States of America                             |
| <input checked="" type="checkbox"/> Slovenia  | <input checked="" type="checkbox"/> United Kingdom of Great Britain and Northern Ireland |
| <input checked="" type="checkbox"/> Lithuania |  |

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

*Potential consequences of laws and policies related to climate change mitigation in EU and USA businesses, specifically related to HFCs manufacturing phase-out.*

### (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

- Medium-term
- Long-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**

*Decreasing revenues on Hydrofluorocarbon's (HFC) refrigerants and medical propellants with high Global Warming Potential (GWP)*

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

Select from:

- Yes

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

16330000

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

29400000

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

39200000

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

50000000

### (3.1.1.25) Explanation of financial effect figure

*Decreasing revenues on HFCs portfolio products, in combination with the potential revenues increase from low GWP refrigerants and propellants as new products.*

### (3.1.1.26) Primary response to risk

#### **Diversification**

Develop new products, services and/or markets

### (3.1.1.27) Cost of response to risk

30000000

### (3.1.1.28) Explanation of cost calculation

*Construction of new low GWP refrigerants and propellants' manufacturing plants & Research & Development initiatives for new applications.*

### (3.1.1.29) Description of response

*Maximization on HFCs production' regulatory quotas & introducing new low GWP refrigerants and propellents.*

## **Water**

### (3.1.1.1) Risk identifier

Select from:

Risk2

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

**Acute physical**

Drought

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

Select from:

Direct operations

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

Select all that apply

Mexico

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

Select all that apply

Verde

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

*Decrease in water supply due to demand-related water shortages and water balanced affectations from severe droughts over the past years.*

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

Select from:

Increased direct costs

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



Select all that apply

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-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**

*OPEX increase from external water purchase & CAPEX increase due to water efficiency technology as mitigation actions.*

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

Select from:

Yes

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

16200718

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

32797100

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

41297100

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

49797100

### (3.1.1.25) Explanation of financial effect figure

*OPEX for external water costs & CAPEX on water reuse and recovery technology.*

### (3.1.1.26) Primary response to risk

#### **Infrastructure, technology and spending**

Adopt water efficiency, water reuse, recycling and conservation practices

### (3.1.1.27) Cost of response to risk

22300000

### (3.1.1.28) Explanation of cost calculation

*\* Installation of water recovery technology (centrifugal decanter system) \* Future water use/recovery closed system (increasing process water reuse rate).*

### (3.1.1.29) Description of response

*External water use to continue operations & installation of water efficient use technology.*

## **Plastics**

### (3.1.1.1) Risk identifier

Select from:

Risk3

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

## Policy

- Changes to regulation of existing products and services

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

Select from:

- End-of-life management

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

Select all that apply

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Peru     | <input checked="" type="checkbox"/> Malta     |
| <input checked="" type="checkbox"/> Chile    | <input checked="" type="checkbox"/> Spain     |
| <input checked="" type="checkbox"/> China    | <input checked="" type="checkbox"/> Brazil    |
| <input checked="" type="checkbox"/> India    | <input checked="" type="checkbox"/> Canada    |
| <input checked="" type="checkbox"/> Italy    | <input checked="" type="checkbox"/> Cyprus    |
| <input checked="" type="checkbox"/> France   | <input checked="" type="checkbox"/> Poland    |
| <input checked="" type="checkbox"/> Greece   | <input checked="" type="checkbox"/> Sweden    |
| <input checked="" type="checkbox"/> Israel   | <input checked="" type="checkbox"/> Turkey    |
| <input checked="" type="checkbox"/> Latvia   | <input checked="" type="checkbox"/> Austria   |
| <input checked="" type="checkbox"/> Mexico   | <input checked="" type="checkbox"/> Belgium   |
| <input checked="" type="checkbox"/> Croatia  | <input checked="" type="checkbox"/> Finland   |
| <input checked="" type="checkbox"/> Czechia  | <input checked="" type="checkbox"/> Germany   |
| <input checked="" type="checkbox"/> Denmark  | <input checked="" type="checkbox"/> Hungary   |
| <input checked="" type="checkbox"/> Ecuador  | <input checked="" type="checkbox"/> Ireland   |
| <input checked="" type="checkbox"/> Estonia  | <input checked="" type="checkbox"/> Morocco   |
| <input checked="" type="checkbox"/> Romania  | <input checked="" type="checkbox"/> Slovenia  |
| <input checked="" type="checkbox"/> Bulgaria | <input checked="" type="checkbox"/> Argentina |
| <input checked="" type="checkbox"/> Colombia | <input checked="" type="checkbox"/> Australia |
| <input checked="" type="checkbox"/> Portugal | <input checked="" type="checkbox"/> Guatemala |
| <input checked="" type="checkbox"/> Slovakia | <input checked="" type="checkbox"/> Lithuania |

- Costa Rica
- Luxembourg
- Netherlands
- South Africa
- United States of America

- Venezuela (Bolivarian Republic of)
- United Kingdom of Great Britain and Northern Ireland

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

*Potential consequences of laws and public awareness which demand product circularity and improved end-of-life management.*

### **(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*

- 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:*

- 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**

The risk lies in new regulations for end-of-life for plastics, that if Orbia would not be ready to comply with, may face sanctions and fines in the markets where the company operates (mainly in the EU region). This risk would also result in our products being less favored or unusable by customers, mainly due to the customer's material purchasing policies and climate goals or potentially the legal requirements where they operate.

### (3.1.1.26) Primary response to risk

#### Policies and plans

- Develop a circular economy plan

### (3.1.1.29) Description of response

Orbia is closely monitoring regulatory developments around circularity and adapting its products to circularity requirements (minimum recycled content, extended producer responsibility, end-of-life recyclability etc.) accordingly. These requirements are integrated as part of the list of requirements for product changes and new product introductions, to enable Orbia's BGs to anticipate future regulation changes on circularity. BGs already have plans in place to progressively increase the recycled plastics content in all products (when possible) by 2030, and to improve products' formulation to ensure our products can be recycled, recovered or reused by 2030.

[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)

16330000

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

Select from:

Less than 1%

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

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

*This risk is related to decreased revenues on Hydrofluorocarbon's (HFC) refrigerants and medical propellants with high Global Warming Potential (GWP).*

## 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%

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

4100718

### (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

*\* OPEX spent in purchasing water via tanker trucks to run the site. \* Total OPEX is only covering the environmental operational expenditure (denominator for "% of total financial metric vulnerable").*

## Water

### (3.1.2.1) Financial metric

Select from:

CAPEX

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

0

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

Select from:

Less than 1%

**(3.1.2.4) 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%

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

12100000

**(3.1.2.7) Explanation of financial figures**

*Investment in technology for water efficiency technology as a mitigation measure.*

*[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**

**Mexico**

Verde

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

Select all that apply

Direct operations



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

1

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

Select from:

Less than 1%

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

Select from:

Less than 1%

**(3.2.11) Please explain**

*We have included water-related risks in our latest climate risk assessment. The analysis covered 134 Orbia sites, with a deep dive on 12 high-priority sites. Only one of our evaluated sites has been identified to be at medium-high risk in terms of financial impact related to decreased water supply due to demand-related water shortages and water balanced affectations from severe droughts.*

[Add row]

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

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Fines	In 2024, Orbia was subject to 2 fines and 2 enforcement orders, all related to wastewater quality non-compliance in our operations in Mexico.

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
		<input checked="" type="checkbox"/> Enforcement orders or other penalties	

[Fixed row]

**(3.3.1) Provide the total number and financial value of all water-related fines.**

**(3.3.1.1) Total number of fines**

2

**(3.3.1.2) Total value of fines**

32914

**(3.3.1.3) % of total facilities/operations associated**

1.47

**(3.3.1.4) Number of fines compared to previous reporting year**

Select from:

Higher

**(3.3.1.5) Comment**

Both fines are related to wastewater quality non-compliance in our Mexico's operations.

[Fixed row]

**(3.3.2) Provide details for all significant fines, enforcement orders and/or other penalties for water-related regulatory violations in the reporting year, and your plans for resolving them.**

**Row 1**

**(3.3.2.1) Type of penalty**

Select from:

Fine

**(3.3.2.2) Financial impact**

71706

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

**Mexico**

Other, please specify :Northern Gulf of Mexico

**(3.3.2.4) Type of incident**

Select from:

Effluent limit exceedances

**(3.3.2.5) Description of penalty, incident, regulatory violation, significance, and resolution**

*Penalty & incident: Received notice from Water authority post-inspection on October 18, 2023, indicating non-compliance with discharge parameters (Nitrogen and Conductivity) specified in Discharge permit. First time receiving a fine due to non-compliance. Resolution: Actions executed to comply with the parameters. Process control and technical optimizations were implemented, to assure consistency with the local regulation by using continuous internal monitoring. Site is ISO 14001:2015 certified, has regular compliance audits in place and use external tools for compliance monitoring (ENHESA).*

**Row 2**

### (3.3.2.1) Type of penalty

Select from:

Fine

### (3.3.2.2) Financial impact

1240900

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

**Mexico**

Balsas

### (3.3.2.4) Type of incident

Select from:

Effluent limit exceedances

### (3.3.2.5) Description of penalty, incident, regulatory violation, significance, and resolution

*Penalty & incident: An official letter is received to initiate the administrative procedure derived from the inspection visit regarding water discharge where non-compliance with the parameters of: Fecal coliforms, Floating matter, Aluminum, Iron, Sulfides, Methyl chloride, Acute toxicity (Daphnia and Vibrio). The parameters exceedances occurred in different months during the year. Resolution: Action plan defined and approved by the local authorities to comply with the parameters limits by 2025. Currently 65% of plan has been completed. Immediate actions were carried out: Automatic control of chlorine dosage; removal of ferric sulphate; optimization of the use of aluminum sulfate and calcium hydroxide. Site is ISO 14001:2015 certified, has regular compliance audits in place and use external tools for compliance monitoring (ENHESA).*

## Row 3

### (3.3.2.1) Type of penalty

Select from:

Enforcement order

### (3.3.2.2) Financial impact

277438

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

**Mexico**

Other, please specify :Isthmus of Tehuantepec

### (3.3.2.4) Type of incident

Select from:

Effluent limit exceedances

### (3.3.2.5) Description of penalty, incident, regulatory violation, significance, and resolution

*Penalty & incident: A documentary review, field visit and sampling of residual water discharges were carried out, in which 1 parameter (temperature) was detected outside the maximum permissible limits for the discharges to the Coatzacoalcos River and the Teapa Stream. Resolution: Cooling tower installation project. Site is ISO 14001:2015 certified, has regular compliance audits in place and use external tools for compliance monitoring (ENHESA).*

## Row 4

### (3.3.2.1) Type of penalty

Select from:

Enforcement order

### (3.3.2.2) Financial impact

187850

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

## Mexico

Other, please specify :Lerma

### (3.3.2.4) Type of incident

Select from:

Incorrect administration of permits, standards, or regulations

### (3.3.2.5) Description of penalty, incident, regulatory violation, significance, and resolution

*Penalty & incident: During an ordinary inspection, a non-compliance was identified due to errors in the company name on laboratory reports and the lack to present complementary pollutant load reports on certain periods. In 2023, the authority issued the resolution for the administrative procedure imposing a fine, but has not been confirmed by the company and is being appealed to appropriate legal means and continues in process to be resolved. Resolution: wastewater treatment plant optimization project. Site is ISO 14001:2015 certified, has regular compliance audits in place and use external tools for compliance monitoring (ENHESA).*

[Add row]

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

### EU ETS

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

11

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

0

#### (3.5.2.3) Period start date

01/01/2023

#### (3.5.2.4) Period end date

12/31/2023

### (3.5.2.5) Allowances allocated

44515

### (3.5.2.6) Allowances purchased

0

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

58374

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

0

### (3.5.2.9) Details of ownership

Select from:

Facilities we own and operate

### (3.5.2.10) Comment

*The figures above represent the Polymer Solutions (Vestolit) site in Marl, Germany, which is covered by the EU-ETS and accounts for 11% of Orbia's Total Scope 1 emissions in 2023. The Verified Scope 1 figure reported here has also been extracted from our internal data collection platform and reviewed by Deloitte. No allowances were purchased in 2023 as we had availability from previous years.*

*[Fixed row]*

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

### Mexico carbon tax

#### (3.5.3.1) Period start date

01/01/2023

**(3.5.3.2) Period end date**

12/31/2023

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

3

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

44894

**(3.5.3.5) Comment**

*Carbon Tax applicable to some of our Scope 1 emissions in 5 sites in that jurisdiction.*

**Other carbon tax, please specify**

**(3.5.3.1) Period start date**

01/01/2023

**(3.5.3.2) Period end date**

12/31/2023

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

1

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

2904



### (3.5.3.5) Comment

The Climate Change Levy covers 4 Building and Infrastructure (Wavin) sites in the UK, and covers Scope 1 emissions associated with natural gas consumption in 1 of those sites.

[Fixed row]

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

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

[Fixed row]

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

**Climate change**

#### (3.6.1.1) Opportunity identifier

Select from:

Opp1

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

## Markets

- Expansion into new markets

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

Select from:

- Downstream value chain

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

Select all that apply

- China
- India
- Italy
- Spain
- Mexico
- Turkey
- Portugal
- United States of America

### (3.6.1.8) Organization specific description

*Historically, the market share of drip irrigation for extensive crops, such as maize and rice, has been low. This is due to various reasons that differ depending on geography, water availability, infrastructure and access to capital. As growers and government bodies make decisions based on climate change and initiatives, such as regenerative and sustainable agriculture, the market for drip irrigation systems in these crops is now opening up globally. Our Precision Agriculture (Netafim) business' drip irrigation systems provide several environmental benefits, including healthier soil and root environment, water conservation, nutrient conservation, energy conservation, GHG emissions reduction and improved crop yield.*

### (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:

More likely than not (50–100%)

### **(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**

*The effect has not been quantified financially.*

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

Select from:

Yes

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

270000000

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

370000000

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

*Extensive crops cover about 88% of the global irrigated land. Nonetheless, Micro-irrigation covers an estimated*

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

25000000

### (3.6.1.25) Explanation of cost calculation

*Continued investment in dedicated marketing and R&D.*

### (3.6.1.26) Strategy to realize opportunity

*Invest in life cycle assessments, along with university and government research showing the GHG/carbon emission benefits of converting to drip irrigation and water use reduction. Work with governments to subsidize drip irrigation conversion, based on climate change mitigation. Seek alternative sources of income (carbon/water credits) for farmers who implement drip irrigation.*

## Water

### (3.6.1.1) Opportunity identifier

*Select from:*

Opp2

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

#### Markets

Expansion into new markets

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

*Select from:*

Downstream value chain

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

*Select all that apply*

China

India

Italy

Spain

Turkey

Portugal

United States of America

- Mexico

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

Select all that apply

- Other, please specify :River basins benefited from our sustainable agriculture solutions are largely linked to our commercial activities. We have a global commercial footprint of more than 150 countries.

### (3.6.1.8) Organization specific description

*Rice is a staple and significant source of caloric intake for more than half of the world's population, but also consumes 30- 40% of the world's annual freshwater and contributes to over 10% of the world's methane emissions. According to the UN, more than 660 million people live in small urban centers under water and food scarcity. Through our Precision Agriculture (Netafim) business, we are developing products, services, and technologies that lower the environmental footprint of food production while enabling crop cultivation under changing climate conditions and improving soil health and reducing water usage.*

### (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:

- Likely (66–100%)

### (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**

*The effect has not been quantified financially.*

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

Select from:

Yes

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

520000000

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

740000000

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

*Precision Agriculture (Netafim)'s first-ever carbon credit program for drip-irrigated rice aims to reduce methane emissions from rice cultivation to almost zero. It will provide carbon credits (registered with Verra) as a key financial mechanism and long-term income assistance to farmers interested in regenerative agriculture practices that reduce or sequester CO2 emissions. In 2021, we acquired Dutch Greenhouse Company Gakon Horticultural Projects to meet the growing demand for local food production in all climates. Yields in commercial greenhouse projects are increasing by up to 8-10 times in comparison to open field growing. Growers can now produce crops all year round, even in urban areas and fresh local food is available for local markets, while resources like water and fertilizer use is being cut by up to 40%. All these initiatives are expected to increase our sales of products and solutions everywhere we have sales, where India, Mexico, China, Turkey, USA and southern Europe stand out.*

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

25000000

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

*Continued investment in dedicated R&D to increase the services offering.*

### (3.6.1.26) Strategy to realize opportunity

*Market penetration, partnerships, develop comprehensive offerings.*

## Climate change

### (3.6.1.1) Opportunity identifier

*Select from:*

Opp3

### (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:*

Downstream value chain

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

*Select all that apply*

- Peru
- Chile
- Spain
- Brazil
- France
- Australia
- Netherlands
- United States of America

- Israel
- Mexico
- Turkey
- Morocco
- Romania

- United Kingdom of Great Britain and Northern Ireland

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

*Streamline X EZ (formerly ReGen) is the first drip line to successfully address the supply chain sustainability needs of today's growers. Streamline X EZ is the only product of its kind to primarily use recycled material during the manufacturing process. It is the ultimate single crop application solution that is tough enough to withstand harsh installations with its interior and exterior ribbed structures. Produced with the strictest quality control standards in the industry, ensuring a better crop every time. Orbia's Precision Agriculture(Netafim) business is the only drip irrigation manufacturer committed to a comprehensive recycling program so it's easier than ever to dispose of used dripline at the end of the season. Where available, we collect Streamline X EZ, along with other Orbia products, and recycle them to be further used in our manufacturing processes. As climate change regulations continue to address plastic manufacturing and disposal, Orbia Precision Agriculture (Netafim) is setting itself apart from our competitors with this full cycle solution.*

### **(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**



*The effect has not been quantified financially.*

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

Select from:

Yes

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

70000000

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

140000000

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

*Based on recent years CAGR and expectations for upcoming years in the US, as well as expansion to new business units in the world.*

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

12000000

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

*Increase recycling capacities in various global markets.*

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

*Seek external sourcing of recycled materials. Seek external recycling facilities to recycle product at end of life.*

## **Climate change**

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

Select from:

Opp5

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

#### Markets

Expansion into new markets

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

Select from:

Downstream value chain

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

Select all that apply

China

India

Italy

Mexico

Turkey

Portugal

United States of America

### (3.6.1.8) Organization specific description

*According to the United Nations, 1.2 billion people live in areas where severe water shortages and scarcity challenge agriculture, from very high drought frequency in rainfed cropland and pastureland areas or very high-water stress in irrigated areas. Of these 1.2 billion people, slightly more than half – 660 million – live in small urban centers. In March 2021, Orbia Precision Agriculture (Netafim) acquired Dutch Greenhouse Company Gakon Horticultural Projects to meet the growing demand for local food production in all climates. Yields in commercial greenhouse projects are increasing by up 8-10 times in comparison to open field growing. Growers can now produce crops all year round, even in urban areas where access to agricultural land has been impacted by climate change. Fresh local food is available for local markets, while resources like water and fertilizer use is being cut by up to 40%.*

### (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:

More likely than not (50–100%)

### (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

*The effect has not been quantified financially.*

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

Select from:

Yes

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

100000000

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

150000000

### (3.6.1.23) Explanation of financial effect figures

The Greenhouse market is a 3 billion market, with an estimated CAGR of at least 7% for the upcoming years. Orbia's Precision Agriculture (Netafim) business accelerated its penetration to this market with the acquisition of Gakon, a leading Dutch greenhouse solutions provider. Together, the combined revenues expected to reach 200M by 2025. In addition, the Urban Farming market is expected to significantly grow in the upcoming years, due to trends of local food production and food security concerns. This market is a direct fit to Orbia Precision Agriculture (Netafim) and Gakon capabilities and estimated to contribute to additional revenues by 2025. Our efforts will be focused in positioning this solution in the market, where India, Mexico, China, Turkey, USA and southern Europe stand out.

#### (3.6.1.24) Cost to realize opportunity

20000000

#### (3.6.1.25) Explanation of cost calculation

Investments figures include R&D expenditures to increase the solution offerings, market penetration efforts and partnerships.

#### (3.6.1.26) Strategy to realize opportunity

Scale greenhouse and urban farming solutions to areas under water stress and/or significantly affected by drought.

### Climate change

#### (3.6.1.1) Opportunity identifier

Select from:

Opp5

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

##### Products and services

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

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

Select from:

Downstream value chain

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

Select all that apply

- France
- Mexico
- Germany
- Colombia
- Netherlands
- United Kingdom of Great Britain and Northern Ireland

### (3.6.1.8) Organization specific description

*Orbia's Building & Infrastructure (Wavin) business has consolidated a robust portfolio to boost urban climate resilience. With stormwater management solutions, we are helping cities to be more climate resilient and reduce the costs and damage from increased flooding, particularly in Europe. They also contribute to relieving heat stress and help alleviate groundwater depletion with infiltration/attenuation units, and to leverage the value of rainwater harvesting through blue-green roofs offerings.*

### (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:

- Likely (66–100%)

### (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**

*The effect has not been quantified financially.*

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

Select from:

Yes

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

120000000

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

200000000

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

*Figures based on estimated revenue forecasts for the next 5 years.*

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

100000000

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

*Investments figures include R&D expenditures to increase the solution offerings, market penetration efforts and partnerships.*

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

*Increase the solution offerings, market penetration efforts and partnerships.*

## **Climate change**

### (3.6.1.1) Opportunity identifier

Select from:

- Opp6

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

#### Products and services

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

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

Select from:

- Downstream value chain

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

Select all that apply

- Norway
- Sweden
- Denmark
- Germany
- Netherlands
- United Kingdom of Great Britain and Northern Ireland

### (3.6.1.8) Organization specific description

*In Europe 80% of energy consumed in homes is consumed for hot water and heating. Through Orbia Building & Infrastructure (Wavin) we develop products that reduce energy consumption, support the energy transition and that are easy-to-use for homeowners. Our Indoor Climate solutions portfolio includes smart temperature controls (Sentio) as well as other related heating and cooling solutions (underfloor heating, district heating, mechanical ventilation, ceiling cooling) that result in energy consumption reductions for users.*

### (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:

- Likely (66–100%)

### (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

*The effect has not been quantified financially.*

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

Select from:

- Yes

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

92000000

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

200000000



### (3.6.1.23) Explanation of financial effect figures

*Figures based on estimated revenue forecasts for the next 5 years.*

### (3.6.1.24) Cost to realize opportunity

12000000

### (3.6.1.25) Explanation of cost calculation

*Figure based on estimated CAPEX in the next 5 years.*

### (3.6.1.26) Strategy to realize opportunity

*Investments figures include R&D expenditures to increase the solution offerings, market penetration efforts and partnerships*

## Climate change

### (3.6.1.1) Opportunity identifier

*Select from:*

Opp7

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

#### Products and services

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

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

*Select from:*

Downstream value chain

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

Select all that apply

- India
- Italy
- Spain
- France
- Germany
- United States of America
- United Kingdom of Great Britain and Northern Ireland

### (3.6.1.8) Organization specific description

Orbia's Fluor & Energy Materials (Koura) business has continued to position and expand its low GWP portfolio. Previously launched Klea 456A continues to gain recognition in the market as a replacement for R134a in the mobile air conditioning (MAC) aftermarket sector, with only half its Global Warming Potential (GWP). In 2023, it was shortlisted as a finalist in the RAC Cooling Awards 2023 across three categories: Air Conditioning Innovation of the Year (Components or Peripherals), Refrigeration Innovation of the Year, and Air Conditioning Product of the Year. In 2023, we introduced R-444A, a new direct replacement for R-1234yf for the refrigerants' automotive aftermarket, providing a more economical and sustainable option and meeting current and future U.S. environmental regulations restricting refrigerants with a GWP greater than 150. We are also continuing with our HFCs recovery program, with improved capacity for refrigerants recycling in our Mihara plant in Japan. 865 tons of refrigerants were recovered, delaying around 1.6 million tons of GHG emissions. In the health space, Fluor & Energy Materials (Koura) continues to partner with major pharmaceutical companies to ensure a smooth transition to low GWP Zephex 152a medical propellant. This enables a significant carbon footprint reduction whilst making sure delivery of the active ingredient is safe and efficacious for patients. This technology is gaining widespread recognition with leaders in the market.

### (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

- Long-term

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

Select from:

- Likely (66–100%)

### (3.6.1.12) Magnitude

Select from:

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

*The effect has not been quantified financially.*

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

Select from:

Yes

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

343000000

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

519000000

### (3.6.1.23) Explanation of financial effect figures

*Estimated revenue forecast for low GWP refrigerants and propellants, as well as refrigerant recycling services, between 2023 and 2027. Figures are driven by shifting consumer behavior and tighter environmental regulations: Electric vehicles (EV) and Hybrid Electric Vehicles (HEV) are expected to account for an estimated 30% of all vehicle sales by 2025 and will continue to grow, demanding in turn, greater volumes of low GWP refrigerants.*

### (3.6.1.24) Cost to realize opportunity

110000000

### (3.6.1.25) Explanation of cost calculation

*Investment planned for the next 5 years.*

### (3.6.1.26) Strategy to realize opportunity

*Opening new facilities in the UK to develop low GWP propellants and refrigerants.*

## Climate change

### (3.6.1.1) Opportunity identifier

Select from:

Opp8

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

#### Products and services

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

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

Select from:

Downstream value chain

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

Select all that apply

United States of America

### (3.6.1.8) Organization specific description

*Orbia is enhancing the performance and circularity of Li-ion batteries through investments and research in its Fluor & Energy Materials (Koura) business. By leveraging our North American fluorine supply chain, we are securing essential materials for batteries needed for the electric vehicle transition. Our strategy includes establishing the first LiPF6 battery salt production plant in North America, located in St. Gabriel, Louisiana. LiPF6, used in all Li-ion EV batteries, is currently sourced from Asia, causing significant logistical challenges for automotive battery manufacturers. With licensed production technology from Kanto-Denka, a 100M grant from the US Department of Energy, and an additional 300M investment from Orbia, this plant will supply enough LiPF6 to power one million EVs. Additionally, we have secured an offtake agreement for recycled lithium carbonate, a key raw material for LiPF6 production, from spent Li-ion batteries. The plant is expected to start producing LiPF6 by 2028. In parallel, through a joint venture with Syensqo (formerly Solvay), we will produce polyvinylidene fluoride (PVDF) binder in North America.*

PVDF is used in every automotive Li-ion battery but is not currently produced in the US. As part of this joint venture, we will also produce a key intermediate needed for PVDF binder. OFEM will generate enough intermediates to support the production of more than 3.5 million vehicles. The joint venture is expected to start producing PVDF by 2028.

### (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:

- Likely (66–100%)

### (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

*The effect has not been quantified financially.*

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

Select from:

- Yes

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

805000000

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

1500000000

### (3.6.1.23) Explanation of financial effect figures

*Figures are estimated projections that cover the 2023-2027 period, and are based on potential annual revenues, according to market growth and expected demand for these products and services, as Electric vehicles (EV) and Hybrid Electric Vehicles (HEV) are expected to account for an estimated 30% of all vehicle sales by 2025. In 2022, first sales of battery materials for energy storage surpassed 3 million USD.*

### (3.6.1.24) Cost to realize opportunity

709500000

### (3.6.1.25) Explanation of cost calculation

*Considering the construction of LiPF6 battery salt production plant and investment on joint venture with to produce polyvinylidene fluoride (PVDF) in Louisiana, USA. Standing up a small-scale electrolyte production facility in Wisconsin, USA. Investment in the development of a new graphite anode material.*

### (3.6.1.26) Strategy to realize opportunity

*Building battery materials production assets and investment in R&D and production capacity as well as developing partnerships to grow offer of products and services previously mentioned.*

*[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)

1802000000

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

Select from:

11-20%

### (3.6.2.4) Explanation of financial figures

*Revenue coming from low temperature fusion resins, low-GWP propellants and refrigerants, indoor climate solutions for improved energy efficiency, circular, recycled and bio-based products. The revenues from these solutions represent 18% of Orbia revenues in 2023.*

## Water

### (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)

1336000000

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

Select from:

11-20%

### (3.6.2.4) Explanation of financial figures

*Revenue coming from sustainable agriculture and urban climate resilience solutions that improve the use of rainwater. Revenues from these solutions represented 16% of Orbia revenues in 2023.*

*[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

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

*Orbia's Code of Ethics states Orbia's commitment to offer equal opportunities with regard to hiring, nomination, compensation, training, development and promotion. No one should be discriminated against on grounds of gender, marital status, age, religion, race, physical ability, political preference, social class, sexual orientation, any medical condition (as defined by law). Consequently, this principle applies to the nomination process of our Board of Directors. As a result, Orbia's Board of Directors, as of 2023, had a 27% female representation, people from 4 different nationalities, a wide age range and multiple experience backgrounds.*

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

**(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
- Director on board
- Chief Executive Officer (CEO)
- Board-level committee

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

Select from:

- Yes

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

Select all that apply

- Board Terms of Reference
- Board mandate

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

Select from:

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

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

Select all that apply

- Reviewing and guiding annual budgets
- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets
- Approving corporate policies and/or commitments
- Reviewing and guiding innovation/R&D priorities
- Overseeing and guiding the development of a business strategy
- Monitoring compliance with corporate policies and/or commitments
- Overseeing and guiding the development of a climate transition plan
- 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
- Monitoring the implementation of a climate transition plan

#### (4.1.2.7) Please explain

*To ensure effective implementation of our climate-related initiatives, as well as collaboration across business groups, Orbia's Board of Directors oversees and provides guidance on Orbia's sustainability strategy, previously reviewed by the Governance Committee. Among its corporate responsibility matters, the Governance Committee reviews the company's policies, goals, programs and performance related to environmental and social aspects, including risk oversight, regulatory compliance matters, related disclosures, and their impact in our business strategy. Our Vice President (VP) of Sustainability briefs and updates the Governance*

Committee regularly, while providing progress on our goals on a quarterly basis, including our advancements in our net-zero roadmap and related investments to achieve our science-based reduction targets of reducing Scope 1 and 2 GHG emissions by 47% by 2030 (from a 2019 base year) and reducing Scope 3 GHG emissions (categories 11 & 12) by 30% within the same timeframe. In 2023, we have achieved a -28% reduction of scope 1 & 2 emissions and a reduction of -20% of scope 3 emissions versus baseline. The Board is also informed of the results of our periodic climate risk and opportunity assessments. In addition, Orbia's Critical Risk Committee (CRC), reports to the Audit Committee, and is responsible for identifying and assessing enterprise risks, evaluating the appropriate risk profile for the enterprise, developing risk mitigation plans, and overseeing their implementation. These risks include environmental (and climate) risks. Our Sustainability VP, VP of HSE, CFO, General Counsel, and Business Group Presidents also participate in this committee and have responsibility for specific sustainability-related topics.

## 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)
- Board-level committee

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

Select from:

- Yes

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

Select all that apply

- Board Terms of Reference
- Board mandate

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

Select from:

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

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

Select all that apply

- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets
- Approving corporate policies and/or commitments
- Overseeing and guiding major capital expenditures
- Overseeing reporting, audit, and verification processes
- Monitoring compliance with corporate policies and/or commitments

#### (4.1.2.7) Please explain

*In 2023, we refined Orbia's water framework to advance towards becoming Water Positive. To contribute to the materialization of our ambition, Orbia's Board of Directors oversees and provides guidance on our strategy, previously reviewed by the Governance Committee. Among its corporate responsibility matters, the Governance Committee reviews the company's policies, goals, programs and performance related to environmental and social aspects, including risk oversight, regulatory compliance matters, related disclosures, and their impact in our business strategy. Our Vice President (VP) of Sustainability briefs and updates the Governance Committee regularly, while providing progress on performance metrics on a quarterly basis. In addition, Orbia's Critical Risk Committee (CRC), reports to the Audit Committee, and is responsible for identifying and assessing enterprise risks, evaluating the appropriate risk profile for the enterprise, developing risk mitigation plans, and overseeing their implementation. These risks include water-related risks as part of our climate change scope, both physical and transition. Our Sustainability VP, VP of HSE, CFO, General Counsel and Business Group Presidents also participate in this committee and have responsibility for specific sustainability-related topics.*

## Biodiversity

#### (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)
- Board-level committee

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

Select from:

- Yes

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

Select all that apply

- Board Terms of Reference
- Board mandate

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

Select from:

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

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

Select all that apply

- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets
- Approving corporate policies and/or commitments
- Monitoring the implementation of a climate transition plan
- Monitoring compliance with corporate policies and/or commitments
- Overseeing and guiding the development of a climate transition plan

#### (4.1.2.7) Please explain

*As part of our ambition to become Net Positive Water Impact, biodiversity is deeply anchored in our water stewardship approach, as promoted by the CEO Water Mandate and the Forward Faster initiative, where water resilience is interconnected with the quality of ecological services. As a result, biodiversity management and oversight are part of our water approach, where Orbia's Board of Directors oversees and provides guidance on our strategy, previously reviewed by the Governance Committee. Among its corporate responsibility matters, the Governance Committee reviews the company's policies, goals, programs and performance related to environmental and social aspects, including risk oversight, regulatory compliance matters, related disclosures, and their impact in our business strategy. Our Vice President (VP) of Sustainability briefs and updates the Governance Committee regularly, while providing progress on performance metrics on a quarterly basis. In addition, Orbia's Critical Risk Committee (CRC), reports to the Audit Committee, and is responsible for identifying and assessing enterprise risks, evaluating the appropriate risk profile for the enterprise, developing risk mitigation plans. and overseeing their implementation. These risks include water-related risks as part of our climate change scope, both physical and transition. Our Sustainability VP, VP of HSE, CFO, General Counsel and Business Group Presidents also participate in this committee and have responsibility for specific sustainability-related topics.*

[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

- Having at least one board member with expertise on this environmental issue
- Other, please specify :Regular briefings and discussion for climate-related aspects as well as future trends.

### (4.2.3) Environmental expertise of the board member

#### Experience

- Active member of an environmental committee or organization

## 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

- Having at least one board member with expertise on this environmental issue
- Other, please specify :Regular briefings and discussion for water-related aspects as well as future trends.

### (4.2.3) Environmental expertise of the board member

**Experience**

Active member of an environmental committee or organization

[Fixed row]

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

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

[Fixed row]

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

**Climate change**

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

**Executive level**

Other C-Suite Officer, please specify :Corporate Vice President of Sustainability & Corporate Affairs



### (4.3.1.2) Environmental responsibilities of this position

#### Dependencies, impacts, risks and opportunities

- Assessing future trends in 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

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

### (4.3.1.4) Reporting line

Select from:

- Reports to the board directly

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

Select from:

- More frequently than quarterly

### (4.3.1.6) Please explain

*The VP of Sustainability is responsible for steering Orbia's corporate governance and sustainability agenda to achieve a net positive impact on the environment by addressing decarbonization, renewable energy and energy efficiency, circular economy, water impacts, sustainability science and innovation, technology,*

partnerships and external affairs. The VP reports to the CEO and is also part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), influencing our business strategy. All aspects of sustainability, including climate-related, are reported to the VP of Sustainability by the business groups Sustainability leaders. Reports progress to the Board on a quarterly basis. The VP and the Corporate Sustainability team work directly with the Business Group Presidents to identify climate risks and opportunities and embed climate considerations into decision-making and business strategy. Much of this work is based on our periodic climate risk and opportunity assessments, as well as our Science-Based Targets progress follow-up, and our risk assessments and Sustainability Goals. All Business Groups have a Sustainability team that implements environmental strategies and reports performance on climate-related issues monthly through our reporting platform.

## Water

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

#### Other

- Other, please specify :Corporate Vice President of Sustainability & Corporate Affairs

### (4.3.1.2) Environmental responsibilities of this position

#### Dependencies, impacts, risks and opportunities

- Assessing future trends in 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

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

## Other

Other, please specify :Engagement with internal stakeholders and public affairs

### (4.3.1.4) Reporting line

Select from:

Reports to the board directly

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

Select from:

More frequently than quarterly

### (4.3.1.6) Please explain

*The VP of Sustainability is responsible for steering Orbia's corporate governance and sustainability agenda to achieve a net positive impact on the environment by addressing decarbonization, renewable energy and energy efficiency, circular economy, water impacts, sustainability science and innovation, technology, partnerships and external affairs. The VP reports to the CEO and is also part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), influencing our business strategy. All aspects of sustainability, including water impacts, are reported to the VP of Sustainability by the business groups Sustainability leaders. Reports progress to the Board on a quarterly basis. The VP and the Corporate Sustainability team work directly with the Business Group Presidents to identify water risks and opportunities and embed water considerations into decision-making and business strategy. Much of this work is informed by our climate strategy, climate risk assessments and our new net-positive water impact ambition. All Business Groups have a Sustainability team that implements environmental strategies and reports performance on water-related issues monthly through our reporting platform.*

## Biodiversity

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

#### Executive level

Other C-Suite Officer, please specify :Corporate Vice President of Sustainability & Corporate Affairs

### (4.3.1.2) Environmental responsibilities of this position

## Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments
- Setting corporate environmental targets

## Strategy and financial planning

- Developing a business strategy which considers environmental issues
- 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:

- More frequently than quarterly

### (4.3.1.6) Please explain

*As part of our ambition to become Net Positive Water Impact, biodiversity is deeply anchored in our water stewardship approach, as promoted by the CEO Water Mandate and the Forward Faster initiative, where water resilience is interconnected with the quality of ecological services. As a result, biodiversity management and oversight is part of our water approach. The VP of Sustainability is responsible for steering Orbia's corporate governance and sustainability agenda to achieve a net positive impact on the environment by addressing decarbonization, renewable energy and energy efficiency, circular economy, water impacts, sustainability science and innovation, technology, partnerships and external affairs. The VP reports to the CEO and is also part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), influencing our business strategy. All aspects of sustainability, including water impacts, are reported to the VP of Sustainability by the business groups Sustainability leaders. Reports progress to the Board on a quarterly basis. The VP and the Corporate Sustainability team work directly with the Business Group Presidents to identify water risks and opportunities and embed water considerations into decision-making and business strategy. Much of this work is informed by our climate strategy, climate risk assessments and our new net-positive water impact ambition. All Business Groups have a Sustainability team that implements environmental strategies and reports performance on water-related issues monthly through our reporting platform.*

## Climate change

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

## Executive level

- Chief Financial Officer (CFO)

### (4.3.1.2) Environmental responsibilities of this position

#### Strategy and financial planning

- Managing acquisitions, mergers, and divestitures related to environmental issues
- Managing annual budgets related to environmental issues
- Managing major capital and/or operational expenditures relating to environmental issues

#### Other

- Other, please specify :Seeking opportunities related to sustainable finance.

### (4.3.1.4) Reporting line

Select from:

- Reports to the board directly

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

Select from:

- More frequently than quarterly

### (4.3.1.6) Please explain

*Orbia's CFO leads Orbia's finance organization and presides over the accounting, treasury, financial planning and analysis, tax and investor relations functions. As part of the Executive Leadership Team, and reporting directly to the CEO and the Finance Committee, the CFO also provides pathways to embed sustainability in the financial aspects of the company. For instance, in 2021 we issued our first sustainability-linked bond tied to reduce our SOx emissions by 60% by 2025 (vs. 2018 baseline), for 600 million pesos. In 2023 the bond was opened for 10 billion pesos (and achieve a 14 billion pesos demand). For 2023, we already achieved a SOx reduction of 84%*

## Climate change

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

#### Other

- Other, please specify :VP Health, Safety, Environment and Engineering

### (4.3.1.2) Environmental responsibilities of this position

#### Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments

#### Strategy and financial planning

- Managing environmental reporting, audit, and verification processes

#### Other

- Other, please specify :Ensuring environmental compliance across sites

### (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:

- More frequently than quarterly

### (4.3.1.6) Please explain

*The VP of Health, Safety Environment and Engineering is responsible for fostering Orbia's environmental and safety culture and ensuring that our global employees, partners and stakeholders thrive responsibly in healthy environments, with important contributions to Orbia's sustainability and circularity ambitions. Our HSE VP contributes to ensuring that our sites are compliant with applicable environmental laws and regulations, supported by our Environmental Management Systems (EMS) and data quality reporting and assurance. In 2023, 54% of sites (73 out of 136 that are eligible) were certified to ISO 14001 or equivalent external standards, and we have committed to achieving 100% certified sites by 2025. In 2023, we continued working with ENHESA to monitor HSE compliance across Orbia manufacturing sites to stay up to date with regulatory developments. Following self-assessments by all sites, 99% of all applicable regulatory requirements had been reviewed for*

compliance at the end of 2023 (up from 98% from 2022 on the same basis of manufacturing facilities and continued the process to include into ENHESA recently acquired manufacturing facilities mainly in Asia). Our VP of HSE is part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), directly reporting to the CEO and influencing our business strategy related to health, safety and environmental compliance.

## Climate change

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

#### Other

- Other, please specify :VP of Innovation

### (4.3.1.2) Environmental responsibilities of this position

#### Dependencies, impacts, risks and opportunities

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

#### Engagement

- Managing value chain engagement related to environmental issues

#### Strategy and financial planning

- Developing a business strategy which considers environmental issues
- Developing a climate transition plan
- Implementing the business strategy related to environmental issues
- Managing acquisitions, mergers, and divestitures related to environmental issues

#### Other

- Other, please specify :Managing Orbia's Venture Capital Fund towards investments in environmental technologies.

### (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

*The VP of Innovation manages Orbia Ventures, Orbia's corporate venture capital fund and supports a collaborative, human-centered approach to creating a climate-resilient future. By supporting startups that share our vision and are committed to developing leading-edge innovations and smart technologies, we can address the world's biggest challenges and help global communities become future-fit. Focus areas for investments are climate tech, circular economy, sustainable energy & energy storage, agriculture, water infrastructure, building and communications infrastructure. During 2023, Orbia Ventures completed seven climate-focused investments throughout the year for a total of 7.1M. Our innovation efforts also include capacity building, open innovation programs and intrapreneurship, which in some cases lead to the development of new offerings within our portfolio. In 2023, 65% of Orbia's revenues contributed directly or indirectly to SDGs, and within that proportion, 18% of that income came from Low Carbon, Alternative Energy, Energy Efficiency and Resource Efficiency. Our VP of Innovation is part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), directly reporting to the CEO and influencing our business strategy related to investments and major capital allocations to meet our climate goals.*

### Climate change

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

##### Committee

- Risk 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

##### Strategy and financial planning

- Developing a business strategy which considers environmental issues



#### (4.3.1.4) Reporting line

Select from:

- Reports to the board directly

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

Select from:

- Quarterly

#### (4.3.1.6) Please explain

*An executive Critical Risk Committee (CRC), chaired by our CEO and comprised of our CFO, Presidents from each of our business groups and other key functional heads, assists the Board of Directors in identifying and assessing enterprise risks, evaluating our risk profile, developing risk mitigation plans, and overseeing their implementation. The CRC meets quarterly and reports directly to the Audit Committee and the Board of Directors. This Committee leverages documented risk evaluation framework that considers and updates risk exposure in four key areas: strategic/business, financial, operational, updating the CEO and senior executives quarterly. Orbia's risk management framework considers both the likelihood and impact of potential risks and requires enterprise risk owners to have documented risk mitigation and action plans for enterprise risks. Since 2020, climate and cyber risks are integrated into these wide Orbia enterprise risk management process. The CRC promotes an appropriate risk management culture, and our risk management procedures require an ongoing, systematic approach, and active engagement across Orbia's corporate functional areas and business groups. The focus is on both strategic and operational issues, and changes in risks and opportunities status are promptly communicated to decision makers. Our risk profile, including short, medium and long-term risks, is reviewed every few years.*

### Climate change

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

##### Committee

- Other committee, please specify :Corporate Governance Committee

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

##### Policies, commitments, and targets

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

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

#### **Strategy and financial planning**

- Developing a climate transition plan
- Implementing a climate transition plan environmental issues
- Managing annual budgets related to environmental issues
- Implementing the business strategy related to environmental issues
- Developing a business strategy which considers environmental issues
- Managing environmental reporting, audit, and verification processes
- Managing major capital and/or operational expenditures relating to

#### **Other**

- Providing employee incentives related to environmental performance

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

Select from:

- Reports to the board directly

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

Select from:

- Quarterly

### **(4.3.1.6) Please explain**

*To ensure effective implementation of our climate-related initiatives, as well as collaboration across business groups, Orbia's Board of Directors oversees and provides guidance on Orbia's sustainability strategy, previously reviewed by the Corporate Governance Committee. Among its responsibilities, the Corporate Governance Committee reviews the company's policies, goals, programs and performance related to environmental and social aspects, including risk oversight, regulatory compliance matters, related disclosures, and their impact on our business strategy. Our Vice President (VP) of Sustainability briefs and updates the Governance Committee regularly, while providing progress on our goals on a quarterly basis, including our advancements in our net-zero roadmap and related investments to achieve our science-based reduction targets. Regular communications are shared with all employees via companywide town hall meetings and sustainability goals and targets are part of performance review as well as embedded into executive and senior management compensation.*

## Climate change

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

#### Other

- Other, please specify :Business Group Presidents

### (4.3.1.2) Environmental responsibilities of this position

#### Policies, commitments, and targets

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

#### Strategy and financial planning

- Developing 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:

- More frequently than quarterly

### (4.3.1.6) Please explain

*The Business Group Presidents steer the strategy of each of Orbia's businesses. They report to the CEO and are also part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), influencing our business strategy at a more segregated level. They are responsible for embedding and implementing Orbia's sustainability in their own business activities, working closely with the corporate sustainability team to implement corporate programs alongside business specific opportunities, in line with our ambitions and goals. They are also responsible for ensuring their BG compliance with all HSE and Sustainability programs, ensuring staff levels are appropriate and directing their businesses' strategies to respond to climate related risks and opportunities.*

## Water

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

#### Other

- Other, please specify :VP Health, Safety, Environment and Engineering

### (4.3.1.2) Environmental responsibilities of this position

#### Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments

#### Strategy and financial planning

- Managing environmental reporting, audit, and verification processes

#### Other

- Other, please specify :Ensuring environmental compliance across sites.

### (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:

- More frequently than quarterly

#### (4.3.1.6) Please explain

*The VP of Health, Safety Environment and Engineering is responsible for fostering Orbia's safety culture and ensuring that our global employees, partners and stakeholders thrive responsibly in healthy environments, with important contributions to Orbia's sustainability and circularity ambitions. Our HSE VP contributes to ensuring that our sites are compliant with applicable environmental laws and regulations, supported by our Environmental Management Systems (EMS) and data quality reporting and assurance. In 2023, 54% of sites (73 out of 136 that are eligible) were certified to ISO 14001 or equivalent external standards, and we have committed to achieving 100% certified sites by 2025. In 2023, we continued working with ENHESA to monitor HSE compliance across Orbia manufacturing sites to stay up to date with regulatory developments. Following self-assessments by all sites, 99% of all applicable regulatory requirements had been reviewed for compliance at the end of 2023 (up from 98% from 2022 on the same basis of manufacturing facilities and continued the process to include into ENHESA recently acquired manufacturing facilities mainly in Asia). Our VP of HSE is part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), directly reporting to the CEO and influencing our business strategy related to health, safety and environmental compliance.*

## Water

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

##### Committee

- Risk 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

##### Strategy and financial planning

- Developing a business strategy which considers environmental issues

#### (4.3.1.4) Reporting line

Select from:

- Reports to the board directly

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

Select from:

- Quarterly

### (4.3.1.6) Please explain

*An executive Critical Risk Committee (CRC), chaired by our CEO and comprised of our CFO, Presidents from each of our business groups and other key functional heads, assists the Board of Directors in identifying and assessing enterprise risks, evaluating our risk profile, developing risk mitigation plans, and overseeing their implementation. The CRC meets quarterly and reports directly to the Audit Committee and the Board of Directors. This Committee leverages documented risk evaluation framework that considers and updates risk exposure in four key areas: strategic/business, financial, operational, updating the CEO and senior executives quarterly. Orbia's risk management framework considers both the likelihood and impact of potential risks and requires enterprise risk owners to have documented risk mitigation and action plans for enterprise risks. Since 2020, climate and cyber risks are integrated into these wide Orbia enterprise risk management process. The CRC promotes an appropriate risk management culture, and our risk management procedures require an ongoing, systematic approach, and active engagement across Orbia's corporate functional areas and business groups. The focus is on both strategic and operational issues, and changes in risks and opportunities status are promptly communicated to decision makers. Our risk profile, including short, medium and long-term risks, is reviewed every few years.*

## Water

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

#### Committee

- Other committee, please specify :Corporate Governance Committee

### (4.3.1.2) Environmental responsibilities of this position

#### Policies, commitments, and targets

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

## Strategy and financial planning

- Developing a climate transition plan
- Implementing a climate transition plan
- Managing annual budgets related to environmental issues
- Implementing the business strategy related to environmental issues
- Developing a business strategy which considers environmental issues
- Managing environmental reporting, audit, and verification processes
- Managing major capital and/or operational expenditures relating to environmental issues

## Other

- Providing employee incentives related to environmental performance

### (4.3.1.4) Reporting line

Select from:

- Reports to the board directly

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

Select from:

- Quarterly

### (4.3.1.6) Please explain

*To ensure effective implementation of our climate-related initiatives, as well as collaboration across business groups, Orbia's Board of Directors oversees and provides guidance on Orbia's sustainability strategy, previously reviewed by the Governance Committee. Among its corporate responsibility matters, the Governance Committee reviews the company's policies, goals, programs and performance related to environmental and social aspects, including risk oversight, regulatory compliance matters, related disclosures, and their impact on our business strategy. Our Vice President (VP) of Sustainability briefs and updates the Governance Committee regularly, while providing progress on our goals on a quarterly basis, including our advancements in materializing our net-positive water impact ambitions and related investments to achieve our science-based reduction targets. Regular communications are shared with all employees via companywide town hall meetings and sustainability goals and targets are part of everyone's performance review as well as embedded into executive and senior management compensation.*

## Water

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

## Other

- Other, please specify :Business Group Presidents

### (4.3.1.2) Environmental responsibilities of this position

#### Policies, commitments, and targets

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

#### Strategy and financial planning

- Implementing a climate transition plan
- Implementing the business strategy related to environmental issues
- 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:

- More frequently than quarterly

### (4.3.1.6) Please explain

*The Business Group Presidents steer the strategy of each of Orbia's businesses. They report to the CEO and are also part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), influencing our business strategy at a more segregated level. They are responsible for embedding and implementing Orbia's sustainability in their own business activities, working closely with the corporate sustainability team to implement corporate programs alongside business specific opportunities, in line with our ambitions and goals. They are also responsible for ensuring their BG compliance with all HSE and Sustainability programs, ensuring staff levels are appropriate and directing their businesses' strategies to respond to water-related risks and opportunities*



## Biodiversity

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

#### Other

- Other, please specify :Business Group Presidents

### (4.3.1.2) Environmental responsibilities of this position

#### Policies, commitments, and targets

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

#### Strategy and financial planning

- Implementing a climate transition plan
- Implementing the business strategy related to environmental issues

### (4.3.1.4) Reporting line

Select from:

- Reports to the Chief Executive Officer (CEO)

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

Select from:

- More frequently than quarterly

### (4.3.1.6) Please explain

The Business Group Presidents steer the strategy of each of Orbia's businesses. They report to the CEO and are also part of the Executive Leadership Team (at the same level as the CFO and other key functional roles), influencing our business strategy at a more segregated level. They are responsible for embedding and implementing Orbia's sustainability in their own business activities, working closely with the corporate sustainability team to implement corporate programs alongside business specific opportunities, in line with our ambitions and goals. They are also responsible for ensuring their BG compliance with all HSE and Sustainability programs, ensuring staff levels are appropriate and directing their businesses' strategies to respond to water/nature-related risks and opportunities.

[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**

100

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

An ESG modifier for senior management compensation was introduced in 2021, which funded up to +/- 10% of the annual bonus of leaders at senior manager levels and above, based upon the achievement of defined ESG metrics, including GHG emissions. In 2023, Orbia moved from an ESG modifier to a weighted metric to more closely tie compensation to the achievement of ESG goals for senior manager levels and above. Achievement is based upon outcomes in 3 areas: health & safety, environment (including decarbonization metrics), and diversity and inclusion. Goals across the above pillars are set every year and approved by the Board of Directors.

### **Water**

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

Select from:

No, but we plan to introduce them in the next two years

### (4.5.3) Please explain

*At Orbia, we recognize the interdependencies between climate and water and acknowledge the role our actions related to water can play towards climate change mitigation. In 2023 we defined our ambition to achieve net positive water impact by conducting water risk assessments, developing water stewardship plans and targets and engaging in collective action in priority basins. As part of this ambition, we will be developing metrics and incentives to ensure we are meeting our commitments.*

*[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
- Shares

#### (4.5.1.3) Performance metrics

##### Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify :All sites achieving environmental management system certifications.

### Strategy and financial planning

- Achievement of climate transition plan
- Shift to a business model compatible with a net-zero carbon future
- Increased proportion of revenue from low environmental impact products or services

### Emission reduction

- Implementation of an emissions reduction initiative
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions

### Resource use and efficiency

- Energy efficiency improvement
- Reduction in total energy consumption
- Other resource use and efficiency-related metrics, please specify :Increased recycled content in product development.

### Pollution

- Other pollution-related metrics, please specify :Send zero waste to landfill.

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

Select from:

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

## (4.5.1.5) Further details of incentives

*In 2021, Orbia conducted a comprehensive review of its executive compensation structure with the assistance of a nationally known US compensation consultant. The resulting modifications to executive compensation include a redesigned short-term incentive plan that promotes a pay-for-performance culture, where employees share and take active roles in supporting Orbia's vision for success as a purpose-driven, future-fit organization; and a long-term incentive (LTI) plan to attract, incentivize, and retain qualified talent critical to the long-term success of the company. LTI awards are issued in the form of Restricted Stock Units and Performance Share Units payable in actual shares of Orbia common stock as opposed to "phantom stock" awards, helping to promote an "ownership" mindset for our leaders and more closely align their interests with those of our shareholders.*

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

*On the other hand, the Short-Term Incentive Plan is focused on rewarding the right behaviors with aligned incentives for employees to exceed performance expectations and support business priorities in delivering short-, medium- and long-term value creation, where 75% corresponds to EBITDA, ESG (aligned with decarbonization, waste, circularity and sustainability indices metrics) and cash flow metrics, and 25% corresponds to individual performance.*

### 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
- Shares

#### (4.5.1.3) Performance metrics

##### Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify :All sites achieving environmental management system certifications.

##### Strategy and financial planning

- Achievement of climate transition plan
- Shift to a business model compatible with a net-zero carbon future

- Increased proportion of revenue from low environmental impact products or services

#### **Emission reduction**

- Implementation of an emissions reduction initiative
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions

#### **Resource use and efficiency**

- Energy efficiency improvement
- Reduction in total energy consumption
- Other resource use and efficiency-related metrics, please specify :Increased recycled content in product development.

#### **Pollution**

- Other pollution-related metrics, please specify :Send zero waste to landfill.

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

Select from:

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

### **(4.5.1.5) Further details of incentives**

*In 2021, Orbia conducted a comprehensive review of its executive compensation structure with the assistance of a nationally known US compensation consultant. The resulting modifications to executive compensation include a redesigned short-term incentive plan that promotes a pay-for-performance culture, where employees share and take active roles in supporting Orbia's vision for success as a purpose-driven, future-fit organization; and a long-term incentive (LTI) plan to attract, incentivize, and retain qualified talent critical to the long-term success of the company. LTI awards are issued in the form of Restricted Stock Units and Performance Share Units payable in actual shares of Orbia common stock as opposed to "phantom stock" awards, helping to promote an "ownership" mindset for our leaders and more closely align their interests with those of our shareholders.*

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

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## Climate change

### (4.5.1.1) Position entitled to monetary incentive

#### Board or executive level

- General Counsel

### (4.5.1.2) Incentives

*Select all that apply*

- Bonus - % of salary
- Shares

### (4.5.1.3) Performance metrics

#### Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify :All sites achieving environmental management system certifications.

#### Strategy and financial planning

- Achievement of climate transition plan
- Shift to a business model compatible with a net-zero carbon future
- Increased proportion of revenue from low environmental impact products or services

#### Emission reduction

- Implementation of an emissions reduction initiative

Increased share of renewable energy in total energy consumption

Reduction in absolute emissions

#### **Resource use and efficiency**

Energy efficiency improvement

Other resource use and efficiency-related metrics, please specify :Increase recycled content in product development.

#### **Pollution**

Other pollution-related metrics, please specify :Sending zero waste to landfill.

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

Select from:

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

### **(4.5.1.5) Further details of incentives**

*In 2021, Orbia conducted a comprehensive review of its executive compensation structure with the assistance of a nationally known US compensation consultant. The resulting modifications to executive compensation include a redesigned short-term incentive plan that promotes a pay-for-performance culture, where employees share and take active roles in supporting Orbia's vision for success as a purpose-driven, future-fit organization; and a long-term incentive (LTI) plan to attract, incentivize, and retain qualified talent critical to the long-term success of the company. LTI awards are issued in the form of Restricted Stock Units and Performance Share Units payable in actual shares of Orbia common stock as opposed to "phantom stock" awards, helping to promote an "ownership" mindset for our leaders and more closely align their interests with those of our shareholders.*

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## **Climate change**

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



## Board or executive level

Other C-Suite Officer, please specify :Senior VP & Chief People Officer, VP of Innovation & Ventures, VP of Health, Safety, Environment & Engineering, Chief Information Officer, VP of Sustainability & Corporate Affairs, VP of Internal Audit, Business Group Presidents

### (4.5.1.2) Incentives

*Select all that apply*

- Bonus - % of salary
- Shares

### (4.5.1.3) Performance metrics

#### Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify :All sites achieving environmental management system certifications.

#### Strategy and financial planning

- Achievement of climate transition plan
- Shift to a business model compatible with a net-zero carbon future
- Increased proportion of revenue from low environmental impact products or services

#### Emission reduction

- Implementation of an emissions reduction initiative
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions

#### Resource use and efficiency

- Energy efficiency improvement
- Reduction in total energy consumption

- Other resource use and efficiency-related metrics, please specify :Increase recycled content in product development.

#### **Pollution**

- Other pollution-related metrics, please specify :Sending zero waste to landfill.

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

Select from:

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

### **(4.5.1.5) Further details of incentives**

*In 2021, Orbia conducted a comprehensive review of its executive compensation structure with the assistance of a nationally known US compensation consultant. The resulting modifications to executive compensation include a redesigned short-term incentive plan that promotes a pay-for-performance culture, where employees share and take active roles in supporting Orbia’s vision for success as a purpose-driven, future-fit organization; and a long-term incentive (LTI) plan to attract, incentivize, and retain qualified talent critical to the long-term success of the company. LTI awards are issued in the form of Restricted Stock Units and Performance Share Units payable in actual shares of Orbia common stock as opposed to “phantom stock” awards, helping to promote an “ownership” mindset for our leaders and more closely align their interests with those of our shareholders.*

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

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#### **Climate change**

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

#### **Board or executive level**

- Corporate executive team

### **(4.5.1.2) Incentives**

Select all that apply

- Bonus - % of salary
- Shares

### (4.5.1.3) Performance metrics

#### Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify :All sites achieving environmental management system certifications.

#### Strategy and financial planning

- Achievement of climate transition plan
- Shift to a business model compatible with a net-zero carbon future
- Increased proportion of revenue from low environmental impact products or services

#### Emission reduction

- Implementation of an emissions reduction initiative
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions

#### Resource use and efficiency

- Energy efficiency improvement
- Reduction in total energy consumption
- Other resource use and efficiency-related metrics, please specify :Increase recycled content in product development.

#### Pollution

- Other pollution-related metrics, please specify :Sending zero waste to landfill.

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

Select from:

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

#### (4.5.1.5) Further details of incentives

*In 2021, Orbia conducted a comprehensive review of its executive compensation structure with the assistance of a nationally known US compensation consultant. The resulting modifications to executive compensation include a redesigned short-term incentive plan that promotes a pay-for-performance culture, where employees share and take active roles in supporting Orbia's vision for success as a purpose-driven, future-fit organization; and a long-term incentive (LTI) plan to attract, incentivize, and retain qualified talent critical to the long-term success of the company. LTI awards are issued in the form of Restricted Stock Units and Performance Share Units payable in actual shares of Orbia common stock as opposed to "phantom stock" awards, helping to promote an "ownership" mindset for our leaders and more closely align their interests with those of our shareholders.*

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### Climate change

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

##### Facility/Unit/Site management

- Business unit manager

#### (4.5.1.2) Incentives

Select all that apply

- Bonus - % of salary
- Shares

#### (4.5.1.3) Performance metrics

## Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify :All sites achieving environmental management system certifications.

## Strategy and financial planning

- Achievement of climate transition plan
- Shift to a business model compatible with a net-zero carbon future
- Increased proportion of revenue from low environmental impact products or services

## Emission reduction

- Implementation of an emissions reduction initiative
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions

## Resource use and efficiency

- Energy efficiency improvement
- Reduction in total energy consumption
- Other resource use and efficiency-related metrics, please specify :Increase recycled content in product development.

## Pollution

- Other pollution-related metrics, please specify :Sending zero waste to landfill.

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

Select from:

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

### (4.5.1.5) Further details of incentives

*In 2021, Orbia conducted a comprehensive review of its executive compensation structure with the assistance of a nationally known US compensation consultant. The resulting modifications to executive compensation include a redesigned short-term incentive plan that promotes a pay-for-performance culture, where employees share and take active roles in supporting Orbia's vision for success as a purpose-driven, future-fit organization; and a long-term incentive (LTI) plan to attract, incentivize, and retain qualified talent critical to the long-term success of the company. LTI awards are issued in the form of Restricted Stock Units and Performance Share Units payable in actual shares of Orbia common stock as opposed to "phantom stock" awards, helping to promote an "ownership" mindset for our leaders and more closely align their interests with those of our shareholders.*

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### **Climate change**

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

##### **Senior-mid management**

Other senior-mid manager, please specify :All positions until three levels below CEO

#### **(4.5.1.2) Incentives**

*Select all that apply*

Bonus - % of salary

Shares

#### **(4.5.1.3) Performance metrics**

##### **Targets**

Progress towards environmental targets

Achievement of environmental targets

Organization performance against an environmental sustainability index

Reduction in absolute emissions in line with net-zero target

- Other targets-related metrics, please specify :All sites achieving environmental management system certifications.

### **Strategy and financial planning**

- Achievement of climate transition plan
- Shift to a business model compatible with a net-zero carbon future
- Increased proportion of revenue from low environmental impact products or services

### **Emission reduction**

- Reduction in emissions intensity
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions

### **Resource use and efficiency**

- Energy efficiency improvement
- Reduction in total energy consumption
- Other resource use and efficiency-related metrics, please specify :Increase recycled content in product development.

### **Pollution**

- Other pollution-related metrics, please specify :Sending zero waste to landfill.

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

Select from:

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

## **(4.5.1.5) Further details of incentives**

*In 2021, Orbia conducted a comprehensive review of its executive compensation structure with the assistance of a nationally known US compensation consultant. The resulting modifications to executive compensation include a redesigned short-term incentive plan that promotes a pay-for-performance culture, where employees share and take active roles in supporting Orbia's vision for success as a purpose-driven, future-fit organization; and a long-term incentive (LTI) plan to attract, incentivize, and retain qualified talent critical to the long-term success of the company. LTI awards are issued in the form of Restricted Stock Units and Performance Share Units payable in actual shares of Orbia common stock as opposed to "phantom stock" awards, helping to promote an "ownership" mindset for our leaders and more closely align their interests with those of our shareholders.*

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

On the other hand, the Short-Term Incentive Plan is focused on rewarding the right behaviors with aligned incentives for employees to exceed performance expectations and support business priorities in delivering short-, medium- and long-term value creation, where 75% corresponds to EBITDA, ESG (aligned with decarbonization, waste, circularity and sustainability indices metrics) and cash flow metrics, and 25% corresponds to individual performance.  
[Add row]

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

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

[Fixed row]

### (4.6.1) Provide details of your environmental policies.

#### Row 1

#### (4.6.1.1) Environmental issues covered

Select all that apply

- Climate change
- Water
- 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
- Downstream value chain
- Portfolio

### (4.6.1.4) Explain the coverage

*Sustainability is deeply embedded in our businesses, is a core component of our growth strategy, and drives our culture. We believe that advancing solutions to enhance the quality of life around the world delivers business success as well as positive value for all those connected directly and indirectly to our activities. Our sustainability framework is composed of three pillars covering the way we operate, how our solutions address current pressing challenges, and the way we direct our investments to make long-term positive impact. Orbia's Sustainability Policy covers: 1. Responsible and Low Impact Operations (People & Communities, Environment and Supply Chain), 2. Sustainable Solutions, 3. Impactful Ventures and 4. Governance.*

### (4.6.1.5) Environmental policy content

#### **Environmental commitments**

- Commitment to a circular economy strategy
- Commitment to respect legally designated protected areas
- Commitment to comply with regulations and mandatory standards
- Commitment to take environmental action beyond regulatory compliance
- Commitment to avoidance of negative impacts on threatened and protected species
- Commitment to stakeholder engagement and capacity building on environmental issues
- Commitment to engage in integrated, multi-stakeholder landscape (including river basin) initiatives to promote shared sustainability goals

#### **Climate-specific commitments**

- Commitment to net-zero emissions

### **Water-specific commitments**

- Commitment to reduce or phase out hazardous substances
- Commitment to control/reduce/eliminate water pollution
- Commitment to reduce water consumption volumes
- Commitment to reduce water withdrawal volumes

### **Social commitments**

- Adoption of the UN International Labour Organization principles
- Commitment to promote gender equality and women's empowerment
- Commitment to respect internationally recognized human rights

### **Additional references/Descriptions**

- Description of impacts on natural resources and ecosystems
- Description of environmental requirements for procurement
- Reference to timebound environmental milestones and targets

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

*Select all that apply*

- Yes, in line with the Paris Agreement
- Yes, in line with Sustainable Development Goal 6 on Clean Water and Sanitation

## **(4.6.1.7) Public availability**

*Select from:*

- Publicly available

## **(4.6.1.8) Attach the policy**

*orbia\_sustainability\_policy\_2022v1.0.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

CEO Water Mandate

Science-Based Targets Initiative (SBTi)

Task Force on Climate-related Financial Disclosures (TCFD)

UN Global Compact

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

*\* UN Global compact: Orbia endorses the Universal Declaration of Human Rights adopted by the United Nations and condemns all forms of human rights abuse, as stated in our Human Rights Policy. Orbia became a signatory to the UNGC at the participant tier level in 2018, committing to uphold and promote UNGC principles within our spheres of influence. This is our fifth Communication on Progress and we will report annually. \* CEO Water Mandate: Orbia became a signatory to the CEO Water Mandate in 2018, confirming our commitment to sustainable water management and practices. This is our fourth progress report to the CEO Water Mandate, as part of our GRI-based sustainability disclosure. \* TCFD: In 2020, we became official supporters of TCFD recommendations to continue our journey on climate-related risks and opportunities disclosure. \* Since 2022, the Science Based Targets initiative (SBTi) validated our near-term targets to reduce Scope 1 and 2 GHG emissions 47% by 2030 (from a 2019 base year) and our Scope 3 GHG emissions from use of and end of life treatment of sold products by 30% within the same timeframe.*

[Fixed row]

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

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

Select all that apply

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

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

*Select from:*

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

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

*Select all that apply*

Paris Agreement

Sustainable Development Goal 6 on Clean Water and Sanitation

Another global environmental treaty or policy goal, please specify :Kigali Amendment, Business Ambition for 1.5 °C. Science Based Targets Initiative and the Volumetric Water Benefits Accounting methodology.

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

*orbia\_impact\_report\_2023.pdf*

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

*Select from:*

Yes

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

*Select all that apply*

Mandatory government register

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

62573817008-43 C industry group in CEFIC rather than directly by Mexichem UK Limited and is mainly in relation to the F-gas regulation update and the proposal for PFFAS restrictions.

#### **(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**

*Orbia is part of different trade associations and other organizations in the regions where it operates. In every region we strive to build productive relationships with other companies, communities and governments to achieve our sustainability goals, be it through sharing of best practices in industry associations, helping to improve policy and regulation, or contributing to global objectives to increase sustainability. We focus on being part of associations that allow us to leverage the power of global agreements to contribute to achieving our goals. For example: Fluor & Energy Materials (Koura) is an active member of the Global FACT (Forum for Advanced Climate Technologies), promoting the development of low GWP propellants and refrigerants alongside other key players in the fluorinated gas market such as Arkema, Chemours and Honeywell. They are also members of the Alliance for Responsible Atmospheric Policy. Building & Infrastructure (Wavin) is very active with the TEPPFA, regarding circular economy initiatives and influencing policy around this topic in Europe. Polymer Solutions (Vestolit and Alphagary) is member of Asociación Colombiana de Plásticos (ACOPLASTICOS), a Colombian association that promotes sustainable development in the sector while serving as a spoke person before the government and society to comply with best-in-class standards. Polymer Solutions (Vestolit) is particularly active in VinylPlus working to improve the sustainability performance of PVC.*

*[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**

##### **Asia and Pacific**

Other trade association in Asia and Pacific, please specify :Japan Fluorocarbon Manufacturers Association

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

Select all that apply

Climate change

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

Select from:

Consistent

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

Select from:

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**

*Position fluorocarbons applications as part of a sustainable future.*

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

27566

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

*Support research, development of standards, raise awareness and compiling fair opinions of the industry and make proposals to the government and related organizations as necessary.*

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

Select from:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

- Another global environmental treaty or policy goal, please specify :Kigali Amendment

### Row 2

#### (4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

##### Europe

- Other trade association in Europe, please specify :VinylPlus

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

Select all that apply

- Climate change

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

Select from:

- Consistent

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

Select from:

- 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**

*Position PVC applications as part of a sustainable future.*

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

299320

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

*Through VinylPlus we are engaging with all stakeholders involved in the PVC value chain to enhance the sustainability potential of PVC and its applications with research, innovation, dialogue and global action, to navigate the regulatory landscape for PVC in the EU, which consists of the EU Green Deal, REACH regulation, DEHP Authorization, and others.*

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

Select from:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

- Paris Agreement



### Row 3

#### (4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

Europe

- Other trade association in Europe, please specify :European FluoroCarbon Technical Committee

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

Select all that apply

- Climate change

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

Select from:

- Consistent

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

Select from:

- 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

*Develop technical insights to position fluorocarbons applications as part of a sustainable future.*

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

155032

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

*Trough the European FluoroCarbons Technical Committee we are providing up to date information about applications, safety, health and environmental effects for HFCs (hydrofluorocarbons), HFOs (hydrofluoro-olefins), HCFOs (hydrochlorofluoro-olefins). In terms of regulation, the main tasks of the committee are:*

- Organize, where appropriate, meetings with users and the EU authorities
- Attempt to maintain the competitiveness of EU industry through balanced legislation
- Help ensure correct and effective implementation of current legislation in all Member States
- Prepare Risk Assessments of fluorocarbons together with the EU authorities and the OECD, where appropriate.

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

Select from:

Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

Another global environmental treaty or policy goal, please specify :Kigali Amendment

### Row 4

#### (4.11.2.1) Type of indirect engagement

Select from:

Indirect engagement via a trade association

#### (4.11.2.4) Trade association

## Europe

Other trade association in Europe, please specify :British Plastics Federation

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

*Select all that apply*

Climate change

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

*Select from:*

Consistent

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

*Select from:*

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

*Advance the circularity agenda for plastics and engage with stakeholders to close the loop across the PVS value chain.*

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

121053

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

The BPF aims to work with employees, industry, stakeholders, and legislators to contribute to the plastics sustainability agenda and to the Circular Economy. Through innovation, clear communication, and education they aim to achieve public, customer, and regulatory recognition that plastic materials and products offer versatile, sustainable, low-carbon solutions for manufacturing in the century.

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

Select from:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

- Paris Agreement

### Row 5

#### (4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

##### Europe

- Other trade association in Europe, please specify :The European Plastic Pipes and Fittings Association

#### (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**

*Contribute to position pipes and fittings as a key solution to world challenges.*

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

103450

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

*TEPPFA is the leading voice of the plastic pipe and fitting systems, and its material suppliers in Europe. The association works to develop industry initiatives to position the benefits of plastic pipes in achieving the objectives of many SDGs. They engage with the European Committee for Standardization to develop accurate standards and translating the Drinking water Directive into national legislations.*

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

Select from:

Yes, we have evaluated, and it is aligned

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

Select all that apply

- Paris Agreement
- Sustainable Development Goal 6 on Clean Water and Sanitation

#### Row 6

#### (4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

##### Europe

- European Chemical Industry Council (CEFIC) [CH only]

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

Select all that apply

- Climate change

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

Select from:

- Consistent

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

Select from:

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**

*Contribute to shaping a positive environment to improve a circular and safe transition for chemicals.*

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

29512

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

*Through its members, the Council develops positions, responses, comments, views, discussions papers and joint statements for regulatory matters across the EU, including the EU 2040 climate target, the EU Green Deal (specifically related to chemical recycling laws, trade policies, REACH improvement action plans, the Net-Zero Industry Act, the EU electricity Market design and the Industrial Emissions Directive)*

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

Select from:

Yes, we have evaluated, and it is aligned

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

Select all that apply

Paris Agreement

**Row 7**

**(4.11.2.1) Type of indirect engagement**

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

##### North America

- Other trade association in North America, please specify :Global Forum For Advanced Climate Technologies

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

Select all that apply

- Climate change

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

Select from:

- Consistent

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

Select from:

- 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

*Embed low and reduced global warming potential technologies as part of the energy transition.*

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

122000



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

*globalFACT promotes the important role of new-generation, low- and reduced-GWP advanced climate technologies. Main objectives are:*

- *Fostering discussion of the considerations, options, attributes, and usage of a broad range of new-generation, low and reduced-GWP products among US policy makers, particularly with the EPA.*
- *Developing and disseminating data and information*
- *Compiling and promoting best practices.*

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

Select from:

- Yes, we have evaluated, and it is aligned

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

Select all that apply

- Another global environmental treaty or policy goal, please specify :Kigali Amendment

### Row 8

#### (4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association

#### (4.11.2.4) Trade association

##### North America

- Other trade association in North America, please specify :The Alliance for Responsible Atmospheric Policy

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

Select all that apply

Climate change

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

Select from:

Consistent

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

Select from:

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**

*Advance policy-making in favor of low global warming potential solutions.*

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

6000

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

*The Alliance for Responsible HFC Policy is a means for businesses that relied on hydrofluorocarbons (HFCs) to coordinate their participation in the development of U.S. and international policies addressing stratospheric ozone depletion. The Alliance supports the Senate bill S. 2754, the House legislation H.R.5544 and The American Innovation and Manufacturing Act of 2019.*

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

Select from:

Yes, we have evaluated, and it is aligned

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

*Select all that apply*

Another global environmental treaty or policy goal, please specify :Kigali Amendment

[Add row]

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

#### Row 1

##### (4.12.1.1) Publication

*Select from:*

In voluntary sustainability reports

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

*Select all that apply*

Climate change

Water

Biodiversity

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

*Select from:*

Complete

##### (4.12.1.5) Content elements

Select all that apply

- Strategy
- Governance
- Emission targets
- Emissions figures
- Risks & Opportunities
- Content of environmental policies
- Other, please specify :**Environmental performance metrics**
- Value chain engagement
- Dependencies & Impacts
- Biodiversity indicators
- Water accounting figures
- Water pollution indicators

#### (4.12.1.6) Page/section reference

29-51,92-94,109

#### (4.12.1.7) Attach the relevant publication

*orbia\_impact\_report\_2023.pdf*

#### (4.12.1.8) Comment

*Orbia's environmental chapter in our 2023 impact report provides a comprehensive view of our environmental approach, covering energy and emissions, water, pollution and biodiversity initiatives, targets and progress.*

### Row 2

#### (4.12.1.1) Publication

Select from:

- In other regulatory filings

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

Select all that apply

- Climate change
- Water

#### (4.12.1.4) Status of the publication

Select from:

Complete

#### (4.12.1.5) Content elements

Select all that apply

Governance

Risks & Opportunities

Strategy

Emissions figures

Emission targets

#### (4.12.1.6) Page/section reference

40-41,71-74

#### (4.12.1.7) Attach the relevant publication

*annual-report-2023-orbia-eng.pdf*

#### (4.12.1.8) Comment

*Orbia's business strategy is anchored in sustainability. Our annual stock exchange filing not only covers specific business performance, but also our sustainable solutions and progress in our sustainability strategy.*

[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:

Every three years or less frequently

### Water

#### (5.1.1) Use of scenario analysis

Select from:

Yes

#### (5.1.2) Frequency of analysis

Select from:

Every three years or less frequently

[Fixed row]

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

### Climate change

### (5.1.1.1) Scenario used

#### Physical climate scenarios

RCP 2.6

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

Select from:

SSP1

### (5.1.1.3) Approach to scenario

Select from:

Quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Acute physical

Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

1.6°C - 1.9°C

### (5.1.1.7) Reference year

2022

### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

- Changes to the state of nature
- Climate change (one of five drivers of nature change)

#### Stakeholder and customer demands

- Consumer attention to impact

#### Regulators, legal and policy regimes

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

#### Direct interaction with climate

- On asset values, on the corporate

#### Macro and microeconomy

- Domestic growth
- Globalizing markets

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

*The SSP1-2.6, one of the main scenarios investigated in AR6, describes what could happen if current developments were to progress sustainably. It imagines global carbon emissions to cut severely, with net-zero emissions reached after 2050. By working towards respecting environmental boundaries and ensuring consumption is*



oriented towards low material growth and less-intense resource and energy usage, the average global temperature should stabilise at around 1.8C above 1850-1900 levels by the end of the century.

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

The selection of above scenarios follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk: one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increases to 4C above the pre-industrial average.

### Water

#### (5.1.1.1) Scenario used

##### Physical climate scenarios

RCP 8.5

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

Select from:

SSP5

#### (5.1.1.3) Approach to scenario

Select from:

Quantitative

#### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

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

Select all that apply

- Acute physical
- Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

- 4.0°C and above

### (5.1.1.7) Reference year

2022

### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

- Changes to the state of nature
- Climate change (one of five drivers of nature change)

#### Stakeholder and customer demands

- Consumer attention to impact

#### Regulators, legal and policy regimes

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

## Direct interaction with climate

- On asset values, on the corporate

## Macro and microeconomy

- Domestic growth
- Globalizing markets

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

*The SSP5-8.5 narrative investigated in AR6 is taken as the basis for worst-case climate change scenarios, in which current carbon dioxide emissions levels double by 2050. Here, rapid technological progress and development of human capital are interpreted as sustainable development. As such, accelerated growth in the global economy would be fueled by energy-intensive lifestyles and fossil fuel exploitation. With emissions to continue to rise throughout the 21st century, the average global temperature rise should reach 4.4C above 1850-1900 levels by 2100.*

### (5.1.1.11) Rationale for choice of scenario

*The selection of above scenarios follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk: one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increases to 4C above the pre-industrial average.*

## Climate change

### (5.1.1.1) Scenario used

#### Physical climate scenarios

- RCP 8.5

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

Select from:

- SSP5

### (5.1.1.3) Approach to scenario

Select from:

- Quantitative

#### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

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

Select all that apply

- Acute physical
- Chronic physical

#### (5.1.1.6) Temperature alignment of scenario

Select from:

- 4.0°C and above

#### (5.1.1.7) Reference year

2022

#### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

#### (5.1.1.9) Driving forces in scenario

##### Local ecosystem asset interactions, dependencies and impacts

- Changes to the state of nature
- Climate change (one of five drivers of nature change)

## Stakeholder and customer demands

- ✓ Consumer attention to impact

## Regulators, legal and policy regimes

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

## Direct interaction with climate

- ✓ On asset values, on the corporate

## Macro and microeconomy

- ✓ Domestic growth
- ✓ Globalizing markets

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

*The SSP5-8.5 narrative investigated in AR6 is taken as the basis for worst-case climate change scenarios, in which current carbon dioxide emissions levels double by 2050. Here, rapid technological progress and development of human capital are interpreted as sustainable development. As such, accelerated growth in the global economy would be fueled by energy-intensive lifestyles and fossil fuel exploitation. With emissions to continue to rise throughout the 21st century, the average global temperature rise should reach 4.4C above 1850-1900 levels by 2100.*

### (5.1.1.11) Rationale for choice of scenario

*The selection of above scenarios follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk: one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increases to 4C above the pre-industrial average.*

## Water

### (5.1.1.1) Scenario used

## Physical climate scenarios

RCP 2.6

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

Select from:

SSP1

### (5.1.1.3) Approach to scenario

Select from:

Quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Acute physical

Chronic physical

### (5.1.1.6) Temperature alignment of scenario

Select from:

1.6°C - 1.9°C

### (5.1.1.7) Reference year

2022

### (5.1.1.8) Timeframes covered

Select all that apply

2030

2050

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

Changes to the state of nature

Climate change (one of five drivers of nature change)

#### Stakeholder and customer demands

Consumer attention to impact

#### Regulators, legal and policy regimes

Global regulation

Level of action (from local to global)

Global targets

Methodologies and expectations for science-based targets

#### Direct interaction with climate

On asset values, on the corporate

#### Macro and microeconomy

Domestic growth

Globalizing markets

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

*The SSP1-2.6, one of the main scenarios investigated in AR6, describes what could happen if current developments were to progress sustainably. It imagines global carbon emissions to cut severely, with net-zero emissions reached after 2050. By working towards respecting environmental boundaries and ensuring consumption is oriented towards low material growth and less-intense resource and energy usage, the average global temperature should stabilise at around 1.8C above 1850-1900 levels by the end of the century.*

### (5.1.1.11) Rationale for choice of scenario

The selection of above scenarios follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk: one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increases to 4C above the pre-industrial average.

## Climate change

### (5.1.1.1) Scenario used

#### Climate transition scenarios

NGFS scenarios framework, please specify :Orderly Transition

### (5.1.1.3) Approach to scenario

Select from:

Quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Policy

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

2022

### (5.1.1.8) Timeframes covered

*Select all that apply*

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

#### **Local ecosystem asset interactions, dependencies and impacts**

- Changes to the state of nature
- Climate change (one of five drivers of nature change)

#### **Stakeholder and customer demands**

- Consumer attention to impact

#### **Regulators, legal and policy regimes**

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

#### **Direct interaction with climate**

- On asset values, on the corporate

#### **Macro and microeconomy**

- Domestic growth
- Globalizing markets

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

*Below 2C is the next best scenario under the NGFS' Orderly Transition scenario category, which sees a gradual increase in the stringency of climate policies and a 67% chance of limiting global warming to below 2C. Net zero emissions are also achieved after 2070. For these to happen, climate policies are introduced immediately, and carbon capture and storage strategies are also implemented with medium-high use to accelerate decarbonisation.*

### (5.1.1.11) Rationale for choice of scenario

*The selection of above scenarios follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk: one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increases to 4C above the pre-industrial average.*

## Climate change

### (5.1.1.1) Scenario used

#### Climate transition scenarios

NGFS scenarios framework, please specify :Hot House World

### (5.1.1.3) Approach to scenario

Select from:

Quantitative

### (5.1.1.4) Scenario coverage

Select from:

Organization-wide

### (5.1.1.5) Risk types considered in scenario

Select all that apply

Policy

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

2022

### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

### (5.1.1.9) Driving forces in scenario

#### Local ecosystem asset interactions, dependencies and impacts

- Changes to the state of nature
- Climate change (one of five drivers of nature change)

#### Stakeholder and customer demands

- Consumer attention to impact

#### Regulators, legal and policy regimes

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

## Direct interaction with climate

- On asset values, on the corporate

## Macro and microeconomy

- Domestic growth
- Globalizing markets

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

*Current Policies is the worst-case scenario designed by the NGFS. The scenario imagines emissions to grow until 2080, resulting in about 3C of warming. With critical temperature thresholds exceeded, severe physical risks and irreversible impacts like sea-level rise arise are likely to materialise. Global efforts to halt significant global warming are insufficient as only currently implemented policies are preserved.*

### (5.1.1.11) Rationale for choice of scenario

*The selection of above scenarios follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk: one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increases to 4C above the pre-industrial average.*

## Water

### (5.1.1.1) Scenario used

#### Climate transition scenarios

- NGFS scenarios framework, please specify :Orderly Transition

### (5.1.1.3) Approach to scenario

Select from:

- Quantitative

### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

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

*Select all that apply*

- Policy
- 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

2022

#### (5.1.1.8) Timeframes covered

*Select all that apply*

- 2030
- 2050

#### (5.1.1.9) Driving forces in scenario

##### **Local ecosystem asset interactions, dependencies and impacts**

- Changes to the state of nature
- Climate change (one of five drivers of nature change)

##### **Stakeholder and customer demands**

- Consumer attention to impact

## **Regulators, legal and policy regimes**

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

## **Direct interaction with climate**

- On asset values, on the corporate

## **Macro and microeconomy**

- Domestic growth
- Globalizing markets

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

*Below 2C is the next best scenario under the NGFS' Orderly Transition scenario category, which sees a gradual increase in the stringency of climate policies and a 67% chance of limiting global warming to below 2C. Net zero emissions are also achieved after 2070. For these to happen, climate policies are introduced immediately, and carbon capture and storage strategies are also implemented with medium-high use to accelerate decarbonisation.*

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

*The selection of above scenarios follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk: one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increases to 4C above the pre-industrial average.*

## **Water**

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

#### **Climate transition scenarios**

- NGFS scenarios framework, please specify :Hot House World

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

Select from:

- Quantitative

#### (5.1.1.4) Scenario coverage

Select from:

- Organization-wide

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

Select all that apply

- Policy
- 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

2022

#### (5.1.1.8) Timeframes covered

Select all that apply

- 2030
- 2050

#### (5.1.1.9) Driving forces in scenario

### **Local ecosystem asset interactions, dependencies and impacts**

- ✓ Changes to the state of nature
- ✓ Climate change (one of five drivers of nature change)

### **Stakeholder and customer demands**

- ✓ Consumer attention to impact

### **Regulators, legal and policy regimes**

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

### **Direct interaction with climate**

- ✓ On asset values, on the corporate

### **Macro and microeconomy**

- ✓ Domestic growth
- ✓ Globalizing markets

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

*Current Policies is the worst-case scenario designed by the NGFS. The scenario imagines emissions to grow until 2080, resulting in about 3C of warming. With critical temperature thresholds exceeded, severe physical risks and irreversible impacts like sea-level rise arise are likely to materialise. Global efforts to halt significant global warming are insufficient as only currently implemented policies are preserved.*

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

*The selection of above scenarios follows the recommendations from the International Financial Reporting Standards Foundation for climate disclosures S2 (under the formerly known TCFD approach) to use two scenarios per type of risk: one being a 'well-below 2C' scenario and the other, with an emissions trajectory where global average temperature increases to 4C above the pre-industrial average.*

*[Add row]*



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

### Climate change

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

Select all that apply

- Risk and opportunities identification, assessment and management
- Strategy and financial planning
- Resilience of business model and strategy
- Capacity building
- 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

*Following the guidance of ISO14090 and ISO14091, risks and opportunities were assessed based on the magnitude and likelihood, exposure and vulnerability (sensitivity and adaptive capacity) of the hazard or trend. \* Physical risks. The climatic conditions of 12 priority sites were modeled using the CMIP 6 model ensembles. Hazard types assessed include extreme heat, cold spell and frost, floods, landslides, aridity, drought, wildfire, and sandstorms, considering future evolution of said hazards. The most significant physical risks identified are those associated with rising temperatures (extreme heat and drought) and precipitation changes (floods and landslides impacting supply chains or causing disruptions to local infrastructure). \* Transition risks. The International Institute for Applied Systems Analysis' NGFS Scenario Explorer was used to extract information on transition-related climate change risks. On topics where the NGFS Scenario Explorer is unable to address, especially related to reputation and law and policy trend descriptions, supplementary research was carried out. High-rated transitional risks are more stringent law and policy, raw materials price volatility and shift in consumer demand for low carbon (or low GWP), circular and bio-based products.*

### Water

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

Select all that apply

- Risk and opportunities identification, assessment and management

- Strategy and financial planning
- Resilience of business model and strategy
- Capacity building
- 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

*Following the guidance of ISO14090 and ISO14091, risks and opportunities were assessed based on the magnitude and likelihood, exposure and vulnerability (sensitivity and adaptive capacity) of the hazard or trend. \* Physical risks. The climatic conditions of 12 priority sites were modeled using the CMIP 6 model ensembles. Hazard types assessed include extreme heat, cold spell and frost, floods, landslides, aridity, drought, wildfire, and sandstorms, considering future evolution of said hazards. The most significant physical risks identified are those associated with rising temperatures (extreme heat and drought) and precipitation changes (floods and landslides impacting supply chains or causing disruptions to local infrastructure). \* Transition risks. The International Institute for Applied Systems Analysis' NGFS Scenario Explorer was used to extract information on transition-related climate change risks. On topics where the NGFS Scenario Explorer is unable to address, especially related to reputation and law and policy trend descriptions, supplementary research was carried out. High-rated transitional risks are more stringent law and policy, raw materials price volatility and shift in consumer demand for low carbon (or low GWP), circular and bio-based products. [Fixed row]*

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

### (5.2.1) Transition plan

Select from:

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

### (5.2.3) Publicly available climate transition plan

Select from:

- Yes

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

Select from:

- No, and we do not plan to add an explicit commitment within the next two years

#### (5.2.6) Explain why your organization does not explicitly commit to cease all spending on and revenue generation from activities that contribute to fossil fuel expansion

*Orbia's commitment is to follow a 1.5C pathway. Our strategy is focused on reducing Scope 2 emissions to 2030 mainly through renewables and energy efficiency, and Scope 1 emissions between 2030 and 2050. However, we are aware that availability of decarbonization instruments & opportunities vary across global regions and in many, alternatives for offsetting Scope 1 emissions are still limited; in other cases, alternatives are available, but scalability may not be cost-effective today (e.g. hydrogen as a fuel & carbon capture & storage/use); we closely monitor novel ideas that are still under development to fine tune our transition plan accordingly and hope technologies can favorably evolve such that we can consider an explicit commitment to cease spending on fossil fuels.*

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

Select from:

- We have a different feedback mechanism in place

#### (5.2.8) Description of feedback mechanism

*One of the Company's fundamental objectives is to ensure that shareholders and investors have sufficient information to be able to evaluate the performance and progress of the organization, including all key ESG aspects like our climate transition plan. The Company accomplishes this through its Investor Relations function and related information provided on its company website. In addition, the shareholders of the Company have various mechanisms to communicate to the Board of Directors through: Shareholders' Meetings, Investor Relations, Conferences in which the Company participates, the presentations of which can be found on the Orbia website and Meetings with analysts, banks, shareholders, investors, rating agencies and financial market participants. For example, in 2022 Orbia organized an event called "Investors Day" focused on addressing questions from this audience covering a wide variety of topics, where decarbonization was key. Also, in 2023 we conducted an improved materiality assessment, adopting a double materiality approach and updating views and feedback from key stakeholders like investors, customers, and employees. With an updated set of material topics, we will continue to monitor Orbia's potential impacts as well as risks and opportunities.*

#### (5.2.9) Frequency of feedback collection

Select from:

- More frequently than annually

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

*Renewable electricity is available across all regions where we operate, hopefully including additionality as an attribute. Cost-effective alternatives for decarbonizing heating, steam and cooling services. Limited alternatives for offsetting Scope 1 emissions are available. Others are available, but may not be cost-effective (e.g. hydrogen as a fuel & carbon capture & storage/use), and other novel ideas are still under development.*

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

*Orbia has defined a roadmap that outlines the instruments needed for accelerating our path to net-zero, in line with our near-term targets to reduce Scope 1 & 2 GHG emissions validated by the Science-Based Targets Initiative. Our roadmap includes replacing fossil-based electricity sources with renewables, phasing out coal-powered equipment, increasing energy efficiency and investing in efforts to transition and incorporate the use of hydrogen and carbon-capture technologies in our operations. This is a work in progress that will incorporate growth in future versions. 2019 – 2023: Reduction of 28% vs. baseline. Mainly as a result of instruments like green electricity contracts, on-site solar, contracts with suppliers offering improved emission factors, unbundled EACs and energy efficiency. We increased our use of renewable energy by 52% compared to 2022, reducing around 67,500 tons of GHG emissions, and bringing our total purchased and generated renewable electricity to 26% of total electricity consumption. In 2023, 46% of Orbia plants utilized renewable energy sources.*

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

*orbia\_impact\_report\_2023.pdf*

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

*Select all that apply*

No other environmental issue considered

*[Fixed row]*

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

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

*Select from:*

Yes, both strategy and financial planning

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

Select all that apply

- Products and services
- Upstream/downstream value chain
- Investment in R&D
- Operations

[Fixed row]

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

#### **Products and services**

##### **(5.3.1.1) Effect type**

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Climate change
- Water

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

*Orbia's business groups have a collective focus on ensuring food security, reducing water scarcity, reinventing the future of cities and homes, connecting communities to data and information services, and expanding access to health and well-being through the provision of advanced materials, specialty products and innovative human-centered solutions. our products and solutions support multiple industries including construction, infrastructure, agriculture, health, transportation, data communications, energy and petrochemicals. Many of these industries are essential for daily life and one of the ways in which we demonstrate our commitment to global impact. We continuously assess our portfolio and their contribution towards 5 categories: - Climate Resilience & Decarbonization (low carbon solutions, resilient infrastructure, energy and resource efficiency): Buildings are responsible for 40% of energy use. Our Indoor Climate Solutions (ICS) enable heating and cooling of buildings at lower energy use and low carbon emissions compared to existing technologies. - Food & Water Security (access to water and sustainable agriculture): Agriculture accounts for 45% of methane emissions, which has a GWP 28 times that of CO2. An LCA of our products showed that, used in corn fields, drip irrigation has a carbon footprint at least 52% lower than flood irrigation and at least 38% lower than sprinkler irrigation. - Health and Well-being (disease treatment*

and healthcare): Fluor & Energy Materials (Koura) supplies over 70% of the fluorine-based medical propellants used in the metered dose inhalers (MDIs) that ensure millions of asthma patients worldwide can breathe easily. - Sanitation and Water Management (sanitation infrastructure and hygiene): A byproduct of Polymer Solutions (Vestolit)'s PVC production is caustic soda, a highly versatile substance commonly used in water treatment, to raise the pH of water by absorbing water and carbon dioxide, resulting in clean water. - Information Access (Connectivity Solutions): To expand broadband internet to underserved areas, Connectivity Solutions (Dura-Line)'s FuturePath 7-Way and 4-Way conduits enable a standardized connectivity infrastructure. -Energy Storage: Our Fluor & Energy Materials (Koura) BG is expanding its portfolio to provide solutions to improve battery storage and a reliable supply chain. Batteries are a critical enabling technology in the world's transformation from dependence on fossil fuels.

## Upstream/downstream value chain

### (5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Climate change
- Water

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

Derived from tighter emerging regulations on fossil fuels, and taking advantage of circularity opportunities, we are constantly looking for raw materials alternatives, for instance switching from road to rail, or finding recycled or bio-based raw materials when available. Some of our businesses are implementing improved transportation measurement tools to identify more efficient routes that can result in emission reductions. For example, Building & Infrastructure (Wavin) is using circular (recycled) materials to lower the carbon footprint of our products by up to 80%. Polymer Solutions (Vestolit) has developed Future-Fit PVC, which lowers the environmental footprint of our products in the range of 60-90%, according to the bio-based feedback used. These low-carbon products are designed from circular raw materials, to maintain high functional requirements and a lifetime of 100 years. Other business cases are: \* Case 1. Orbia Connectivity Solutions (Dura-Line) continued its take-back program, which allowed the repurposing of over 138,000 conduit reels and resulting savings of 4.5M in 2023. Orbia Precision Agriculture (Netafim) operates two ReGen recycling plants (in the U.S. and Mexico), with take-back programs underway to collect end-of-life driplines in 10 countries. In 2023, roughly 20,000 tons were collected, which exceeded 2022 collection quantities. \* Case 2. Vinyl in Motion is a program created by our Polymer Solutions (Vestolit and Alphagary) Business Group to promote the collection of discarded PVC products that can be transformed into useful products. It is allowing us to advance our post-consumer and post-industrial PVC circularity activities in Latin America by partnering with customers, final consumers, and relevant players of local PVC value chains. In 2023, more than 60 tons of discarded PVC were processed each month for several applications including, among others, IV bags, blisters and artificial leather components. \* Case 3. Since 2012, Orbia has supported several water funds in Latin America, providing financing, solutions and technical knowledge in the following countries: Mexico,

Colombia, Guatemala, Peru, Brazil and Ecuador. The funds contribute to water security through nature-based solutions and the sustainable management of hydrographic basins as well as coordinating action between the public, private and civil society sectors. During 2023, our contributions to multiple funds through Building & Infrastructure (Wavin) amounted to 106,000, benefiting more than 10,000 people.

## Investment in R&D

### (5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Climate change
- Water

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

Orbia Ventures is Orbia's corporate venture capital fund which promotes technologies to reduce the impact on our planet. By supporting startups that share our vision and are committed to developing leading-edge innovations and smart technologies, we can address the world's biggest challenges and help global communities become resilient. In 2023, we screened over 800 investment opportunities, conducted preliminary due diligence on seven promising startups and completed due diligence on five that offer new technologies across our focus areas: climate tech, sustainability and circular economy, sustainable energy and energy storage, agriculture, water infrastructure, building and communication infrastructure. Our businesses are constantly investing in developing innovative low global warming potential (GWP) and low carbon products, such as our new medical grade propellant (GWP 90% lower than current propellants), new refrigerants, exploring options for fossil free resin, integrated recycled content and recyclability criteria in design, among others. We are also investing in the development of solutions, such as battery storage innovations, that enable and support the transition to a low carbon economy.

## Operations

### (5.3.1.1) Effect type

Select all that apply

- Risks

- Opportunities

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

Select all that apply

- Climate change
- Water

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

Each Orbia business has targets to improve efficiency and transition to cleaner or renewable sources of energy and obtain or maintain an environmental management system. Among other related strategies, several plants have developed plans to adapt to potential extreme weather events. Climate-related risks have influenced our global targets to become carbon neutral by 2050 (reducing Scope 1 and 2 emissions by 47% by 2030, target already validated by the Science Based Target Initiative) and have all plants certified as ISO-14001 or equivalent by 2025. \* Case 1: Renewable energy consumption increased by 52% vs 2022, driven by key projects across most of our Business Groups. In 2023, 46% of Orbia plants utilized renewable energy sources. During the year, efforts to increase renewables were focused on exploring long-term PPAs in the European & U.S. regions and increasing our own solar installations across key sites. \* Case 2: Optimizing Processes to Drive Efficiencies. We estimate to have reduced around 9,593 tons of CO2 through implementing enhanced manufacturing technology and energy-efficient processes that range from advanced process control to equipment improvements. In 2023, Orbia Connectivity Solutions (Dura-Line) and Polymer Solutions (Vestolit) partnered with the U.S. Department of Energy to join the Better Climate Challenge. As part of this program, both business groups have committed to reducing scope 1 & 2 GHG emissions by at least 50% in their U.S. operations by 2030 (vs. 2019 baseline). \* Case 3. At the El Salto site in Mexico, Orbia Polymer Solutions (Vestolit) completed the construction of our Purple Line system: a pipe network which secures a 100% treated wastewater supply for manufacturing activities (400,000 m3 annually), eliminating groundwater usage.

[Add row]

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

#### Row 1

#### (5.3.2.1) Financial planning elements that have been affected

Select all that apply

- Revenues
- Capital expenditures
- Capital allocation



### (5.3.2.2) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Climate change

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

*Capital expenditures: Our capital expenditure and allocation process is being revised to accommodate projects that have a sustainability impact. We are working to include additional criteria that would allow us to tag a project as climate-related, where relevant. The revised capital allocation process will allocate considerable amounts of resources for sustainability-centered projects, allowing for a more robust pipeline of sustainability projects over the upcoming 5-10 years. The proposed initiatives will be evaluated based on their merit to move the needle towards achieving our sustainability targets, in addition to financial and technical consideration. Revenues: In 2022, we determined which of the 17 SDGs we can most effectively contribute to and aligned with seven that represent the greatest opportunities for Orbia to make an impact. These seven SDGs are aligned with the five key global challenges Orbia has identified as part of our business strategy. From 2020, at least 60% of our annual revenue contributes to the SDGs. Investments: Orbia Ventures is Orbia's corporate venture capital fund and supports a collaborative, human-centered approach to creating a better future. By supporting startups that share our vision and are committed to developing leading-edge innovations and smart technologies, we can address the world's biggest challenges and help global communities become future-fit. Orbia Ventures completed seven climate-focused investments throughout the year for a total of 7.1M, emphasizing the company's commitment to tackle global challenges.*

## Row 2

### (5.3.2.1) Financial planning elements that have been affected

Select all that apply

- Revenues
- Capital expenditures
- Capital allocation

### (5.3.2.2) Effect type

Select all that apply

- Risks
- Opportunities

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

Select all that apply

- Water

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

*Capital expenditures: Our capital expenditure and allocation process is being revised to accommodate projects that have a sustainability impact. We are working to include additional criteria that would allow us to tag a project as climate-related, where relevant. The revised capital allocation process will allocate considerable amounts of resources for sustainability-centered projects, allowing for a more robust pipeline of sustainability projects over the upcoming 5-10 years. The proposed initiatives will be evaluated based on their merit to move the needle towards achieving our sustainability targets, in addition to financial and technical consideration.*

*Revenues: In 2022, we determined which of the 17 SDGs we can most effectively contribute to and aligned with seven that represent the greatest opportunities for Orbia to make an impact. These seven SDGs are aligned with the five key global challenges Orbia has identified as part of our business strategy. From 2020, at least 60% of our annual revenue contributes to the SDGs.*

*Investments: While our advanced materials businesses operate with closed-water loop systems, our petrochemical and basic materials businesses take different approaches to improve water efficiency. Some examples include: \* At the El Salto site in Mexico, Orbia Polymer Solutions (Vestolit) completed the construction of our Purple Line system: a pipe network which secures a 100% treated wastewater supply for manufacturing activities (400,000 m<sup>3</sup> annually), eliminating groundwater usage. \* Orbia Building & Infrastructure (Wavin) and Precision Agriculture (Netafim) offer solutions (in urban and built environments and agriculture) that enable positive water impact through different water replenishment alternatives, based on the Volumetric Water Benefits Accounting framework. \* Since 2012, Orbia has supported several water funds in Latin America, providing financing, solutions and technical knowledge in the following countries: Mexico, Colombia, Guatemala, Peru, Brazil and Ecuador. The funds contribute to water security through nature-based solutions and the sustainable management of hydrographic basins as well as coordinating action between the public, private and civil society sectors. During 2023, our contributions to multiple funds through Building & Infrastructure (Wavin) amounted to 106,000, benefiting more than 10,000 people.*

[Add row]

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

	Identification of spending/revenue that is aligned with your organization's climate transition	Methodology or framework used to assess alignment with your organization's climate transition
	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Other methodology or framework

[Fixed row]

**(5.4.1) Quantify the amount and percentage share of your spending/revenue that is aligned with your organization's climate transition.**

**Row 1**

**(5.4.1.1) Methodology or framework used to assess alignment**

Select from:

Other, please specify :Orbia's Sustainable Solutions Taxonomy

**(5.4.1.5) Financial metric**

Select from:

Revenue/Turnover

**(5.4.1.6) Amount of selected financial metric that is aligned in the reporting year (currency)**

5328000000

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

65

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

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

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

*Orbia is a signatory of the UN Global Compact, which encourages businesses worldwide to adopt sustainable and socially responsible practices. We are committed to becoming a global accelerator of the Sustainable Development Goals (SDGs) set forth by the United Nations General Assembly. In order to assess how and to what extent our solutions contribute to the SDGs and their targets, we have carried out an initial identification and evaluation of the value delivered by Orbia's products and solutions, using existing methodologies and definitions as a basis, including:*

- *The UN SDGs and Targets At the heart of the 2030 Agenda for Sustainable Development are the 17 SDGs, which are an urgent call for action by all countries—developed and developing—in a global partnership. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth—all while tackling climate change and working to preserve our oceans and forests.*
- *Business Reporting on the SDGs: An Analysis of Goals and Targets Developed by the UN Global Compact, it is an inventory of possible qualitative and quantitative SDG indicators, for company-level reporting, based on internationally accepted business reporting frameworks and aligned to the 169 targets of the goals.*
- *Overview of the process: Initially, Orbia's products and solutions by business group were identified, along with their associated potential social and environmental impacts, from a high-level perspective. The potential impacts were categorized based on the 12 categories. All of which support a just climate transition. Further analysis was subsequently undertaken to adjust and validate the information obtained against generally accepted catalogs of impact metrics and the Business Reporting on the SDGs indicator inventory. As a result, the direct and/or indirect contribution to the SDGs of Orbia's products and solutions was determined. In addition, a list of potential targets to which these products or solutions could contribute to, when used optimally, was suggested. This process allowed us to link our solution portfolio to the SDGs by identifying the revenues of our products that contribute either directly or indirectly to the goals. Detailed methodology is available here: [https://www.orbia.com/4ab9cc/siteassets/3.-news--stories/sustainable-solutions-report-unsdg/sus\\_un-sdg-report\\_11.11.21\\_d1v5.pdf](https://www.orbia.com/4ab9cc/siteassets/3.-news--stories/sustainable-solutions-report-unsdg/sus_un-sdg-report_11.11.21_d1v5.pdf)*

[Add row]

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

#### (5.5.1) Investment in low-carbon R&D

Select from:

Yes

## (5.5.2) Comment

*In 2023 Orbia's R&D investment reached 80.4 million USD. R&D figure includes R&D spent internally as well as Orbia Ventures investments. Orbia Ventures is Orbia's corporate venture capital fund which promotes technologies to reduce the impact on our planet. Through Orbia Ventures we are supporting a collaborative, human-centered approach to create a better future. By supporting startups that share our vision and are committed to developing leading-edge innovations and smart technologies, we can address the world's biggest challenges and help global communities become future-fit. In 2023, we screened over 800 investment opportunities, conducted preliminary due diligence on seven promising startups and completed due diligence on five that offer new technologies across our focus areas: climate tech, sustainability and circular economy, sustainable energy and energy storage, agriculture, water infrastructure, building and communication infrastructure. During the year, Orbia Ventures completed seven climate-focused investments throughout the year for a total of 7.1M, emphasizing the company's commitment to tackle global challenges. In 2023, 9% of our revenues came from new products and services, including sustainable solutions.*

*[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:

Unable to disaggregate by technology area

#### (5.5.3.3) Average % of total R&D investment over the last 3 years

8

#### (5.5.3.4) R&D investment figure in the reporting year (unit currency as selected in 1.2) (optional)

87500000

#### (5.5.3.5) Average % of total R&D investment planned over the next 5 years

8

**(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**

*R&D figure includes R&D spent as well as Orbia Ventures investments. Orbia Ventures is Orbia's corporate venture capital fund which promotes technologies to reduce the impact on our planet. By supporting startups that share our vision and are committed to developing leading-edge innovations and smart technologies, we can address the world's biggest challenges and help global communities become resilient. Our investments are across the following focus areas: climate tech, circular economy, sustainable energy & energy storage, agriculture, water infrastructure, building & infrastructure, and communications infrastructure. By 2023, Orbia Ventures accumulated 41M since 2020. Our goal is to maintain investments in line with our focus areas and sustainability ambitions. We will work to improve monitoring systems and provide better breakdowns across our research and development investments.*

[Add row]

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

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

0

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

0

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

0

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

0

**(5.9.5) Please explain**

Orbia continuously invests in water efficiency, control and protection. During 2023 we have invested about 644,000 USD on water-related initiatives (wastewater treatment, water circularity, measurement systems, etc.). In addition, about 9.4 million USD has been spent on water-related operating expenses (raw material supply, water supply monitoring and control, water discharge services, etc.). However, for previous years detailed breakdowns of our investments and spend on water-related topics was still limited at corporate level, so during 2023 Orbia consolidated the technology infrastructure to provide accurate breakdowns of investments and expenditures in water-related topics. Since we recently had access to this disaggregated information, it is not possible to disclose an accurate rate of change due it would be completely inaccurate, however, this investment is expected to grow year over year to meet compliance-related demands, as well as advancing on our water journey.

[Fixed row]

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

### **(5.10.1) Use of internal pricing of environmental externalities**

Select from:

No, but we plan to in the next two years

### **(5.10.3) Primary reason for not pricing environmental externalities**

Select from:

Not an immediate strategic priority

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

Orbia has developed an internal GHG investment template to compare several decarbonization scenarios at site level, which informs investments on additional relevant decarbonization actions. Currently, we are evaluating different options to complement this template and also support decision-making when certain equipment reach the end of its lifecycle.

[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 <input checked="" type="checkbox"/> Plastics
Customers	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Plastics
Investors and shareholders	Select from: <input checked="" type="checkbox"/> Yes	Select all that apply <input checked="" type="checkbox"/> Climate change <input checked="" type="checkbox"/> Plastics
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?

#### Climate change

##### (5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

Yes, we assess the dependencies and/or impacts of our suppliers



### **(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment**

*Select all that apply*

Other, please specify :Ecovadis program, where suppliers are assessed across various topics, including climate. Orbia evaluates supplier risk profiles and those scoring below our threshold are required to present an action plan for improvement.

### **(5.11.1.3) % Tier 1 suppliers assessed**

*Select from:*

26-50%

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

*Suppliers are held to a minimum performance score of 35-45 on the Ecovadis assessment, under which we will require them to present an action plan for improvement, or even consider switching to a supplier with a superior sustainability performance.*

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

*Select from:*

76-99%

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

269

## **Water**

### **(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment**

*Select from:*

Yes, we assess the dependencies and/or impacts of our suppliers

### **(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment**

*Select all that apply*

Other, please specify :Ecovadis program, where suppliers are assessed across various topics, including water. Orbia evaluates supplier risk profiles and those scoring below our threshold are required to present an action plan for improvement.

### **(5.11.1.3) % Tier 1 suppliers assessed**

*Select from:*

26-50%

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

*Suppliers are held to a minimum performance score of 35-45 on the Ecovadis assessment,, under which we will require them to present an action plan for improvement, or even consider switching to a supplier with a superior sustainability performance.*

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

*Select from:*

76-99%

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

269

## **Plastics**

### **(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment**

*Select from:*

Yes, we assess the dependencies and/or impacts of our suppliers

### (5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

Other, please specify :Ecovadis program, where suppliers are assessed across various topics, including environmental impacts. Orbia evaluates supplier risk profiles and those scoring below our threshold are required to present an action plan for improvement.

### (5.11.1.3) % Tier 1 suppliers assessed

Select from:

26-50%

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

*Suppliers are held to a minimum performance score of 35-45 on the Ecovadis assessment,, under which we will require them to present an action plan for improvement, or even consider switching to a supplier with a superior sustainability performance.*

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

Select from:

76-99%

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

269

[Fixed row]

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

#### Climate change

### (5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

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

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

Select from:

No standardized procedure

### (5.11.2.4) Please explain

*Some of our BGs are starting to identify ways to engage with suppliers that demonstrate an improved performance on climate change, however this is not yet a practice covering all Orbia.*

## 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

*Some of our BGs are starting to identify ways to engage with suppliers that demonstrate an improved performance on water, however this is not yet a practice covering all Orbia.*

## Plastics

### (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

*Although not part of a standardized procedure, our Building & Infrastructure (Wavin) and Precision Agriculture (Netafim) Business Groups have clear engagements with suppliers providing recycled plastics.*

*[Fixed row]*

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

#### Climate change

### (5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:

Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts

### (5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:

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

### (5.11.5.3) Comment

*This year, the first Orbia-level Supplier Code of Conduct was published (previously, supplier codes of conduct were available at business group level), defining our expectation that all suppliers align to the highest of ethical standards and comply with all applicable laws (see more details here: [https://www.orbia.com/4b0253/siteassets/documents/orbia-supplier-code-of-conduct-2023\\_en.pdf](https://www.orbia.com/4b0253/siteassets/documents/orbia-supplier-code-of-conduct-2023_en.pdf)). We are in the process of deploying this new Code of Conduct to our supply base. At all times, Suppliers must meet all applicable environmental laws, operating with all required licenses and permits. We also expect Suppliers to*

identify, mitigate, and prevent any adverse impacts their business activities may have on the environment, including mitigating air, water, and soil pollution, among other environmental harms.

## Water

### (5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:

Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts

### (5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:

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

### (5.11.5.3) Comment

*This year, the first Orbia-level Supplier Code of Conduct was published (previously, supplier codes of conduct were available at business group level), defining our expectation that all suppliers align to the highest of ethical standards and comply with all applicable laws (see more details here: [https://www.orbia.com/4b0253/siteassets/documents/orbia-supplier-code-of-conduct-2023\\_en.pdf](https://www.orbia.com/4b0253/siteassets/documents/orbia-supplier-code-of-conduct-2023_en.pdf)). We are in the process of deploying this new Code of Conduct to our supply base. At all times, Suppliers must meet all applicable environmental laws, operating with all required licenses and permits. We also expect Suppliers to identify, mitigate, and prevent any adverse impacts their business activities may have on the environment, including mitigating air, water, and soil pollution, among other environmental harms.*

[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:

- Environmental disclosure through a non-public platform

#### **(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement**

*Select all that apply*

- Supplier scorecard or rating
- Supplier self-assessment

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

*Select from:*

- 26-50%

#### **(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:*

- Retain and engage

### (5.11.6.10) % of non-compliant suppliers engaged

Select from:

- 26-50%

### (5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- Providing information on appropriate actions that can be taken to address non-compliance

### (5.11.6.12) Comment

*Our supplier program, enabled by EcoVadis, provides supplier environmental assessment, monitoring, and improvement. The implementation of this program adopts a risk-aligned, phased approach and currently covers Building & Infrastructure (Wavin), Connectivity Solutions (Dura-Line), Polymer Solutions (Vestolit), and Fluor & Energy Materials Solutions (Koura) (UK), with the remaining Business Groups to adopt this program in the future. As of 2023, our supplier assessment program covers 80% of our total spending across these brand operations. More than 70 additional suppliers were onboarded during 2023. Suppliers are held to a minimum performance score of 35-45, under which we will require them to present an action plan for improvement, or even consider switching to a supplier with a superior sustainability performance. Most suppliers that have been required to present action plans have shown progress, with most improvement areas linked sustainability procurement practices.*

## Water

### (5.11.6.1) Environmental requirement

Select from:

- Environmental disclosure through a non-public platform

### (5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- Supplier scorecard or rating
- Supplier self-assessment

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



Select from:

26-50%

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

Select from:

76-99%

**(5.11.6.5) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue required to comply with this environmental requirement**

Select from:

Less than 1%

**(5.11.6.6) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue that are in compliance with this environmental requirement**

Select from:

Less than 1%

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

Select from:

Retain and engage

**(5.11.6.10) % of non-compliant suppliers engaged**

Select from:

26-50%

**(5.11.6.11) Procedures to engage non-compliant suppliers**

Select all that apply

Providing information on appropriate actions that can be taken to address non-compliance

## (5.11.6.12) Comment

*Our supplier program, enabled by EcoVadis, provides supplier environmental assessment, monitoring, and improvement. The implementation of this program adopts a risk-aligned, phased approach and currently covers Building & Infrastructure (Wavin), Connectivity Solutions (Dura-Line), Polymer Solutions (Vestolit), and Fluor & Energy Materials Solutions (Koura) (UK), with the remaining Business Groups to adopt this program in the future. As of 2023, our supplier assessment program covers 80% of our total spending across these brand operations. More than 70 additional suppliers were onboarded during 2023. Suppliers are held to a minimum performance score of 35-45, under which we will require them to present an action plan for improvement, or even consider switching to a supplier with a superior sustainability performance. Most suppliers that have been required to present action plans have shown progress, with most improvement areas linked sustainability procurement practices.*

[Add row]

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

### Climate change

#### (5.11.7.2) Action driven by supplier engagement

Select from:

- Emissions reduction

#### (5.11.7.3) Type and details of engagement

##### Information collection

- Collect environmental risk and opportunity information at least annually from suppliers
- Collect GHG emissions data at least annually from suppliers

#### (5.11.7.4) Upstream value chain coverage

Select all that apply

- Tier 1 suppliers

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

Select from:

26-50%

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

Select from:

Unknown

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

*Our supplier program, enabled by EcoVadis, provides supplier environmental assessment, monitoring, and improvement. The implementation of this program adopts a risk-aligned, phased approach and currently covers the following business groups: Building & Infrastructure (Wavin), Connectivity Solutions (Dura-Line), Polymer Solutions (Vestolit), and Fluor & Energy Materials (Koura) UK, with the remaining Business Groups to adopt this program in upcoming years. As of 2023, our supplier assessment program covers 80% of our total spending across these brand operations. More than 70 additional suppliers were onboarded during this year. During 2023, 62% of the suppliers that participated in our EcoVadis assessment in 2022 have shown an improvement in their score for 2023, and 19% show a stable score. The average score is currently 58.5, and 97% of our re-assessed suppliers are above the required performance level. Suppliers are held to a minimum performance score of 35-45, under which we will require them to present an action plan for improvement, or even consider switching to a supplier with a superior sustainability performance. Most suppliers that have been required to present action plans have shown progress, with most improvement areas linked to having specific targets around labor & human rights, corruption risk assessment, and sustainability climate-related procurement practices.*

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

Select from:

Yes, please specify the environmental requirement :Suppliers must meet all applicable environmental laws, operating with all required licenses and permits. We also expect Suppliers to identify, mitigate, and prevent any adverse impacts their business activities may have on the environment.

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

Select from:

Unknown

## Water

#### (5.11.7.2) Action driven by supplier engagement

Select from:

- Total water withdrawal volumes reduction

### (5.11.7.3) Type and details of engagement

#### Information collection

- Collect environmental risk and opportunity information at least annually from suppliers
- Collect WASH information at least annually from suppliers
- Collect water quality information at least annually from suppliers (e.g., discharge quality, pollution incidents, hazardous substances)
- Collect water quantity information at least annually from suppliers (e.g., withdrawal and discharge volumes)

### (5.11.7.4) Upstream value chain coverage

Select all that apply

- Tier 1 suppliers

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

Select from:

- 26-50%

### (5.11.7.7) % tier 1 suppliers with substantive impacts and/or dependencies related to this environmental issue covered by engagement

Select from:

- 1-25%

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

*Our supplier program, enabled by EcoVadis, provides supplier environmental assessment, monitoring, and improvement. The implementation of this program adopts a risk-aligned, phased approach and currently covers the following business groups: Building & Infrastructure (Wavin), Connectivity Solutions (Dura-Line), Polymer Solutions (Vestolit), and Fluor & Energy Materials (Koura) UK, with the remaining business groups to adopt this program in upcoming years. As of 2023, our supplier assessment program covers 80% of our total spending across these brand operations. More than 70 additional suppliers were onboarded during this year. During 2023, 62% of the suppliers that participated in our EcoVadis assessment in 2022 have shown an improvement in their score for 2023, and 19% show a stable score. The average score is currently 58.5, and 97% of our re-assessed suppliers are above the required performance level. Suppliers are held to a minimum performance*

score of 35-45, under which we will require them to present an action plan for improvement, or even consider switching to a supplier with a superior sustainability performance. Most suppliers that have been required to present action plans have shown progress, with most improvement areas linked to having specific targets around labor & human rights, corruption risk assessment, and sustainability water-related procurement practices.

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

Select from:

Yes, please specify the environmental requirement :Suppliers must meet all applicable environmental laws, operating with all required licenses and permits. We also expect Suppliers to identify, mitigate, and prevent any adverse impacts their business activities may have on the environment.

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

Select from:

Unknown

### **Plastics**

#### **(5.11.7.2) Action driven by supplier engagement**

Select from:

Circular economy

#### **(5.11.7.3) Type and details of engagement**

##### **Innovation and collaboration**

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

#### **(5.11.7.4) Upstream value chain coverage**

Select all that apply

Tier 1 suppliers

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

Select from:

Unknown

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

*We consider environmental criteria when selecting raw materials (thus suppliers). All relevant Orbia businesses Building & Infrastructure (Wavin), Connectivity Solutions (Dura-Line), Precision Agriculture (Netafim) and Polymer Solutions (Vestolit) continue to target increased use of recycled raw materials in manufacturing of driplines and pipes. Orbia Building & Infrastructure (Wavin) uses circular and low-carbon raw materials as well as a circular design for disassembly and recycling, with a goal of 90% of products to be 100% recyclable by 2025. Our performance in 2023 was 83.8% (vs 80.9% in 2022). Also, as it is established in Orbia's Supplier Code of Conduct, we assess adherence to the requirements presented and will consider a Supplier's progress in meeting these requirements and their ongoing performance when making sourcing decisions (including circularity principles to keep materials in use and reduce resource use).*

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

Select from:

Unknown

## Climate change

### (5.11.7.2) Action driven by supplier engagement

Select from:

Emissions reduction

### (5.11.7.3) Type and details of engagement

#### Innovation and collaboration

Collaborate with suppliers on innovative business models and corporate renewable energy sourcing mechanisms

### (5.11.7.4) Upstream value chain coverage

Select all that apply

Tier 1 suppliers

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

Select from:

26-50%

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

Select from:

Unknown

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

*Orbia's Business Groups are in constant communication with key energy suppliers for jointly cooperation related to sustainability efforts, with special emphasis on renewable energy mechanisms that contribute to achieve our decarbonization targets. Thanks to this engagement with key energy suppliers, we were able to increase our use of renewable energy by 52% (compared to 2022), reducing around 67,500 tons of GHG emissions, and bringing our total purchased and generated renewable electricity to 26% of total electricity consumption. Figures provided for % of suppliers by number and % total procurement spend only consider the universe of electricity suppliers in all Orbia's Business Groups.*

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

Select from:

Yes, please specify the environmental requirement :Orbia's main decarbonization focus is in 100% decarbonization on Scope 2 electricity, to be reached through several instruments such as long-term PPAs and VPPAs, on-site solar, green tariffs or green e-type contracts, and unbundled EACs sourcing.

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

Select from:

Unknown

[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:

- Other value chain stakeholder, please specify :Different stakeholders through Orbia Ventures program

### (5.11.9.2) Type and details of engagement

#### Innovation and collaboration

- Collaborate with stakeholders on innovations to reduce environmental impacts in products and services

### (5.11.9.3) % of stakeholder type engaged

Select from:

- 1-25%

### (5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

- Unknown

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

*Orbia Ventures is Orbia's corporate venture capital fund which promotes technologies to reduce the impact on our planet. By supporting startups that share our vision and are committed to developing leading-edge innovations and smart technologies, we can address the world's biggest challenges and help global communities become resilient. In 2023, we screened over 800 investment opportunities, conducted preliminary due diligence on seven promising startups and completed due diligence on five that offer new technologies across our focus areas: climate tech, sustainability and circular economy, sustainable energy and energy storage, agriculture, water infrastructure, building and communication infrastructure.*

### (5.11.9.6) Effect of engagement and measures of success

*We have collaborated and exchanged knowledge with dozens of innovation and investment entities who share similar values, and sponsored global climate tech and agritech conferences where we shared our investment theses. Our team also continued supporting our portfolio companies in building their management teams, developing their strategies, and assisting in business development and financing efforts. Orbia Ventures completed seven climate-focused investments throughout the year for a total of 7.1M, emphasizing the company's commitment to tackle global challenges.*



## Water

### (5.11.9.1) Type of stakeholder

Select from:

- Other value chain stakeholder, please specify :Neighboring company

### (5.11.9.2) Type and details of engagement

#### Innovation and collaboration

- Collaborate with stakeholders on innovations to reduce environmental impacts in products and services

### (5.11.9.3) % of stakeholder type engaged

Select from:

- 1-25%

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

*The Orbia Polymer Solutions (Vestolit) Cartagena plant has successfully tested the process that will allow a neighboring company to reuse the site's discharge, using a sample of 1000 m3 of discharged water. Preliminary results of the pilot have been positive and tests for full implementation of the system are scheduled to be completed in 2024. This project is a regional reference for the petrochemical sector, alleviating water stress levels in the watershed and benefiting both residents and local factories alike.*

### (5.11.9.6) Effect of engagement and measures of success

*This project will benefit local factories, residents and alleviate water stress levels in the watershed.*

## Water

### (5.11.9.1) Type of stakeholder

Select from:

- Other value chain stakeholder, please specify :Communities, local authorities & NGOs

### (5.11.9.2) Type and details of engagement

#### Education/Information sharing

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

### (5.11.9.3) % of stakeholder type engaged

Select from:

- Less than 1%

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

*The Safe Water for Soup Kitchens program in Cerro Colorado (Peru), works in conjunction with the local municipality, SEDAPAR (the local water utility) and the NGO Agualimpia, to improve WASH conditions and empower women. The program has installed several 1,100-liter polyethylene water tanks, kitchen taps and biodigesters for the treatment of gray water, benefiting more than 1,550 persons daily. Since 2021, the program has reached 75% of all existing soup kitchens in Cerro Colorado with plans to implement six more next year focusing on sanitation and hygiene. In 2023, 600 women were empowered and trained with water management skills through the Women with Punch initiative.*

### (5.11.9.6) Effect of engagement and measures of success

*This initiative is aimed at improving WASH conditions and empower women.*

## Water

### (5.11.9.1) Type of stakeholder

Select from:

- Customers

### (5.11.9.2) Type and details of engagement

#### Education/Information sharing

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

### (5.11.9.3) % of stakeholder type engaged

Select from:

- Less than 1%

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

*The eco-system service benefits related to water management is a key component of Orbia's Precision Agriculture (Netafim) and Building & Infrastructure (Wavin) business groups. Both offer solutions that enable positive water impact through different water replenishment alternatives, based on the Volumetric Water Benefits Accounting framework: In urban and built environments: • Urban climate resilience solutions promote the shift from linear to circular water system design with bluegreen infrastructure. • Water network management solutions enable utilities to reduce water loss across networks through monitoring and detection tools. In agriculture: • Precision irrigation solutions allow farmers to grow more with less water and other inputs. Key benefits include water savings of 50% on average depending on the crop, increased yields without expanding the cultivated area and limited fertilizer use, contributing to soil and watershed health (quality) as well as GHG emission reductions.*

### (5.11.9.6) Effect of engagement and measures of success

*Our Sustainable Solutions' portfolio contributes to a positive impact in our customers by: enabling utilities to reduce water loss across networks through monitoring and detection tools, providing sanitation and hygiene infrastructure and water savings of 50% on average depending on the crop, increased yields without expanding the cultivated area and limited fertilizer use, contributing to soil and watershed health (quality) as well as GHG emission reductions.*

## Climate change

### (5.11.9.1) Type of stakeholder

Select from:

- Customers

### (5.11.9.2) Type and details of engagement

#### Education/Information sharing

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

### (5.11.9.3) % of stakeholder type engaged

Select from:

Less than 1%

#### (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

*Our main strategy to decarbonize our value chain is linked to Orbia's Fluor & Energy Materials (Koura) Business vision to transform its portfolio of mid Global Warming Potential (GWP) refrigerants and propellants (mainly R-134a) to low GWP alternatives. Some of these next-generation refrigerants are now on the market with others undergoing evaluation and testing by customers. Engagement with our clients is primarily based on sharing our climate transition plans and projects in order to reduce our clients' emissions by delivering sustainable feedstock for low or zero emissions solutions.*

#### (5.11.9.6) Effect of engagement and measures of success

*Klea 456A and Klea 473A are supporting our customers' transition to more energy efficient and lower carbon applications. Both products have significantly lower GWP than incumbent refrigerants: Klea 456A has a 46% lower GWP when compared to R134A, while Klea 473A's GWP is 90% lower when compared to R-23 or R-508A/B. The refrigerant was shortlisted as a finalist in the RAC Cooling Awards 2023 across three categories: Air Conditioning Innovation of the Year (Components or Peripherals), Refrigeration Innovation of the Year, and Air Conditioning Product of the Year. In 2023, we unveiled R-444A, a new direct replacement for R-1234yf for the refrigerants' automotive aftermarket. This innovative refrigerant provides the auto industry with a more economical and sustainable option with lower global warming potential (GWP), meeting current and future U.S. environmental regulations restricting refrigerants with a GWP greater than 150. We are also continuing to partner with major pharmaceutical companies to ensure a smooth transition to low GWP Zephex 152a medical propellant. This enables a significant carbon footprint reduction whilst making sure delivery of the active ingredient is safe and efficacious for patients. This technology is gaining widespread recognition with leaders in the market.*

### Climate change

#### (5.11.9.1) Type of stakeholder

Select from:

Customers

#### (5.11.9.2) Type and details of engagement

## Innovation and collaboration

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

### (5.11.9.3) % of stakeholder type engaged

Select from:

- Less than 1%

### (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

*As part of our circularity ambitions, Orbia Fluor & Energy Materials (Koura) continues to implement an HFCs recovery program, with improved capacity for refrigerants recycling in our Mihara plant in Japan. In 2023, 865 tons of refrigerants were recovered, delaying around 1.6 million tons of GHG emissions. Additionally, the Fluor & Energy Materials (Koura) Fluorocompound Innovation Center is developing fluorspar synthetic stones. In 2023, analyses, and feasibility and pilot tests were developed.*

### (5.11.9.6) Effect of engagement and measures of success

*Synthetic stones are made from the recovery of mineral tailings for manufacturing high-performance steel with a lighter environmental footprint. Large scale production tests are planned to deploy with selected clients in 2024.*

## Climate change

### (5.11.9.1) Type of stakeholder

Select from:

- Customers

### (5.11.9.2) Type and details of engagement

## Innovation and collaboration

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

### (5.11.9.3) % of stakeholder type engaged

Select from:

- 1-25%

### (5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

- Unknown

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

*Engaging with our customers is key given the enabling role our businesses play in helping our customers achieve their climate and environmental strategies. We can help reduce their footprint through innovation of our solutions portfolio. By engaging regularly with our clients, we are actively listening to their concerns and trying to provide solutions to their environmental and climate-related issues. Some examples include: - The development of low GWP propellants and refrigerants, which require testing quality and product characteristics to meet client expectations. - Development of PVC resin from non-fossil resources, recycled feedstocks and renewable energy, which significantly reduces emissions along the value chain of our Polymer Solutions (Vestolit) customers. - Our Indoor Climate solutions allow customers to monitor and optimize temperature throughout a building, ensures ventilation and comfort, and also significantly minimizes energy consumption. This supports the transition to zero emission buildings. - As part of the larger Vinyl in Motion project pioneered by Orbia's Polymer Solutions (Vestolit) business, the Infinitude vinyl compound series formulated and manufactured by Polymer Solutions (Alphagary) offers a second life for plastics that have been discarded. This new series of PVC compounds are formulated with up to 70% recycled content and are available in natural base or pre-colored, are designed for both molding and extrusion applications. - We are continuously running tests to drive circularity within its portfolio, to incorporate recycled content when possible.*

### (5.11.9.6) Effect of engagement and measures of success

*By supporting our customers' environmental and climate strategies, we have broadened the scope of some of our solutions to work alongside them. Some examples include: - On the refrigerant gas landscape, our new generation of low GWP refrigerant lower global-warming-potential (GWP) some products reach a GWP 90% lower when compared to traditional options. - We have collaborated with Baxter to collect and recycle IV bags in Colombia as part of our PVC in Motion recycling program. In 2023, we plan to replicate the program in Mexico and Brazil. The goal is to recover more than 20,000 tons/year by 2025 in Mexico. - We introduced MicroDucts ECO using up to 100% reground HDPE scrap from manufacturing process. MicroDucts ECO are bundled to create FuturePath ECO, which may only use virgin materials in their colored identification stripes and protective jackets – though 100% reground jackets are also available. All standard MicroDuct sizes and bundle combinations are available, and all products meet stipulated parameters for virgin-based products.*

[Add row]

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

	Environmental initiatives implemented due to CDP Supply Chain member engagement	Primary reason for not implementing environmental initiatives	Explain why your organization has not implemented any environmental initiatives
	<i>Select from:</i> <input checked="" type="checkbox"/> No, but we plan to within the next two years	<i>Select from:</i> <input checked="" type="checkbox"/> Not an immediate strategic priority	<i>Orbia has not identified any relevant environmental initiative being developed by a CDP Supply Chain member.</i>

[Fixed row]

## C6. Environmental Performance - Consolidation Approach

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

### Climate change

#### (6.1.1) Consolidation approach used

Select from:

Operational control

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

*Orbia's sustainability reporting encompasses all global businesses under Orbia's operational and financial control (more than 50% of voting rights), which ensures alignment between sustainability and financial reporting. This means Orbia accounts for 100% of KPIs from operations where we have full authority to introduce and implement operating policies, including Joint Ventures for which we hold operational control and more than 50% of voting rights.*

### Water

#### (6.1.1) Consolidation approach used

Select from:

Operational control

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

*Orbia's sustainability reporting encompasses all global businesses under Orbia's operational and financial control (more than 50% of voting rights), which ensures alignment between sustainability and financial reporting. This means Orbia accounts for 100% of KPIs from operations where we have full authority to introduce and implement operating policies, including Joint Ventures for which we hold operational control and more than 50% of voting rights.*

### Plastics

#### (6.1.1) Consolidation approach used



Select from:

Operational control

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

*Orbia's sustainability reporting encompasses all global businesses under Orbia's operational and financial control (more than 50% of voting rights), which ensures alignment between sustainability and financial reporting. This means Orbia accounts for 100% of KPIs from operations where we have full authority to introduce and implement operating policies, including Joint Ventures for which we hold operational control and more than 50% of voting rights.*

## Biodiversity

### (6.1.1) Consolidation approach used

Select from:

Operational control

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

*Orbia's sustainability reporting encompasses all global businesses under Orbia's operational and financial control (more than 50% of voting rights), which ensures alignment between sustainability and financial reporting. This means Orbia accounts for 100% of KPIs from operations where we have full authority to introduce and implement operating policies, including Joint Ventures for which we hold operational control and more than 50% of voting rights.*

[Fixed row]

## C7. Environmental performance - Climate Change

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

### **(7.1.1.1) Has there been a structural change?**

*Select all that apply*

- Yes, an acquisition
- Yes, a divestment

### **(7.1.1.2) Name of organization(s) acquired, divested from, or merged with**

*\* New sites in 2023: Morocco, Culiacan, Andre-Line, Vittie and West Valley SLC Tape. \* Sites that closed in 2023: Foshan and Serrieres.*

### **(7.1.1.3) Details of structural change(s), including completion dates**

*\* 5 sites starting operating in 2023: Culiacan, Andre-Line and Vittie (Q1); Morocco (Q2) and West Valley SLC Tape (Q3). \* 2 sites were closed by the end of Q2 2023 (Foshan and Serrieres).*

*[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?
	<i>Select all that apply</i> <input checked="" type="checkbox"/> No

[Fixed row]

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

**(7.1.3.1) Base year recalculation**

Select from:

No, because the impact does not meet our significance threshold

**(7.1.3.3) Base year emissions recalculation policy, including significance threshold**

*GHG Protocol establishes a significance threshold for deciding on historic emissions recalculation, when variation exceeds 5% of the total baseline inventory (based on materiality definition). Orbia adopts this 5% threshold, meaning that recalculation will be triggered when any structural change(s) exceed Orbia’s baseline by 5%.*

**(7.1.3.4) Past years’ recalculation**

Select from:

No

[Fixed row]

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

### (7.3.1) Scope 2, location-based

Select from:

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

### (7.3.2) Scope 2, market-based

Select from:

- We are reporting a Scope 2, market-based figure

### (7.3.3) Comment

*Some supplier specific emissions factors (EFs) were used in our calculations. We aim and are working to increase availability of supplier-specific EFs, to continuously improve the accuracy of our GHG database.*

*[Fixed row]*

**(7.4.1) Provide details of the sources of Scope 1, Scope 2, or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure.**

**Row 1**

#### (7.4.1.1) Source of excluded emissions

*Fugitive HFCs releases from refrigeration systems*

#### (7.4.1.2) Scope(s) or Scope 3 category(ies)

Select all that apply

- Scope 1

#### (7.4.1.3) Relevance of Scope 1 emissions from this source

Select from:

- Emissions are not relevant

#### (7.4.1.10) Explain why this source is excluded

*Through our work to set our Science Based Targets, we have conducted a full screening of our GHG emissions extensive database. Refrigeration related emissions were found to be irrelevant and negligible in comparison with Orbia's total Scope 1 and Scope 2 emissions. The overall value of these excluded emissions was found to be around 4% of the included GHG emissions. Due to high complexity of gathering this data annually, it was decided that the needed resources of data collection are not justified due to the negligibility of emissions. This conclusion could be re-evaluated in the future, upon any chance in relevant circumstances.*

#### (7.4.1.11) Explain how you estimated the percentage of emissions this excluded source represents

*Where available, we collected data on refrigerant releases from refrigeration systems for most sites, where not available proxy data based on the nature of the process was used to estimate values.*

### Row 2

#### (7.4.1.1) Source of excluded emissions

*Satellite warehouses and offices*

#### (7.4.1.2) Scope(s) or Scope 3 category(ies)

*Select all that apply*

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

#### (7.4.1.3) Relevance of Scope 1 emissions from this source

*Select from:*

- Emissions are not relevant

#### (7.4.1.4) Relevance of location-based Scope 2 emissions from this source

*Select from:*

- Emissions are not relevant

#### (7.4.1.5) Relevance of market-based Scope 2 emissions from this source

Select from:

Emissions are not relevant

#### (7.4.1.8) Estimated percentage of total Scope 1+2 emissions this excluded source represents

1

#### (7.4.1.10) Explain why this source is excluded

*Satellite warehouses and offices are those that are not within the physical boundaries of any Orbia production plant. Through our work to set our Science Based Targets, we have conducted a full screening of our GHG emissions extensive database. These emissions were found to be irrelevant and negligible in comparison to Orbia's total scope 1 and scope 2 emissions. The overall value of these excluded emissions was found to be around 1% of the included GHG emissions. Due to high complexity of gathering this data annually, it was decided that the needed resources of data collection are not justified- due to the negligibility of emissions. This conclusion could be re-evaluated in the future, upon any chance in relevant circumstances.*

#### (7.4.1.11) Explain how you estimated the percentage of emissions this excluded source represents

*Data on electric and fuel consumption was collected from a small sample of offices and warehouses. The results were extrapolated to the rest of the sites.*  
[Add row]

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

#### Scope 1

#### (7.5.1) Base year end

12/31/2019

#### (7.5.2) Base year emissions (metric tons CO2e)

651646.0

#### (7.5.3) Methodological details

*Includes direct GHG emissions that occur from sources that are owned or controlled by the company. For example, emissions from combustion in owned or controlled boilers, furnaces, vehicles, etc. and emissions from chemical reactions (process emissions).*

## **Scope 2 (location-based)**

### **(7.5.1) Base year end**

12/31/2019

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

1422375.0

### **(7.5.3) Methodological details**

*Calculated considering average national CO2e emission factors published by the International Energy Agency with 2021 data (latest available data).*

## **Scope 2 (market-based)**

### **(7.5.1) Base year end**

12/31/2019

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

1354235.0

### **(7.5.3) Methodological details**

*Calculated considering average national CO2e emission factors published by the International Energy Agency with 2021 data (latest available data) and supplier-specific emission factors (67% of our scope 2 emissions).*

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

### **(7.5.1) Base year end**

12/31/2019

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

5440204.0

### **(7.5.3) Methodological details**

*All data was calculated using our internal database to assess the consumption of the different raw materials and other purchased goods and services. Emission factors were sourced from public sources and consultancy services.*

## **Scope 3 category 2: Capital goods**

### **(7.5.1) Base year end**

12/31/2019

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

148690.0

### **(7.5.3) Methodological details**

*All activity data was sourced from our internal data bases. Emissions were calculated using the Quantis Evaluation Tool.*

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

### **(7.5.1) Base year end**

12/31/2019

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

344069.0

### **(7.5.3) Methodological details**



All activity data was sourced from our internal data bases. Emission factors were sourced from the IEA (electricity) and DEFRA's WTT (fuels).

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

#### **(7.5.1) Base year end**

12/31/2019

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

367180.0

#### **(7.5.3) Methodological details**

Supplier emissions were sourced where possible (less than 1%). Freight tons and miles were compiled from our internal data base, emissions were calculated with DEFRA emission factors. When freight tons and miles were not available, the calculations were based on internal estimates (less than 30% of this category's emissions).

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

#### **(7.5.1) Base year end**

12/31/2019

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

5991.0

#### **(7.5.3) Methodological details**

We used our internal databases for activity data (mass of waste by disposal method). Emission factors were sourced from DEFRA.

### **Scope 3 category 6: Business travel**

#### **(7.5.1) Base year end**

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

81242.0

### (7.5.3) Methodological details

*Where possible, data was collected directly from suppliers (travel agencies). Remaining information was calculated using travelled miles and DEFRA emission factors.*

## Scope 3 category 7: Employee commuting

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

19623.0

### (7.5.3) Methodological details

*We extrapolated the findings of a survey conducted by the Institute for Transportation and Development Policy (ITDP) on GHG emissions from the commute of Orbia employees in Mexico City.*

## Scope 3 category 8: Upstream leased assets

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

0.0

### **(7.5.3) Methodological details**

*Since we have operational control of the leased vehicles we use, emissions are reported as Scope 1 & 2.*

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

#### **(7.5.1) Base year end**

12/31/2019

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

21180.0

### **(7.5.3) Methodological details**

*Based on estimated average GHG emission per ton sold and transported where we hold control, we estimated the emissions for the outbound freighted tons we do not control.*

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

#### **(7.5.1) Base year end**

12/31/2019

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

3173015.0

### **(7.5.3) Methodological details**

*Based on the sales per Business Group and the sold product categories (metric tons), GHG emission were calculated by using the Quantis Evaluation Tool.*

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

#### **(7.5.1) Base year end**

12/31/2019

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

27908251.0

### **(7.5.3) Methodological details**

*Values were calculated based on the GWP of our fluorinated products and required pumping energy for our extrusion products during the use phase. We used publicly available information and internal LCAs.*

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

### **(7.5.1) Base year end**

12/31/2019

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

56881830.0

### **(7.5.3) Methodological details**

*Values were calculated based on the GWP of our fluorinated products. For the rest of our products, we used the Quantis evaluation tool.*

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

### **(7.5.1) Base year end**

12/31/2019

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

0.0

### **(7.5.3) Methodological details**

*We (as lessors) have not identified relevant lease contract with any third party (lessee).*

### **Scope 3 category 14: Franchises**

#### **(7.5.1) Base year end**

*12/31/2019*

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

*0.0*

#### **(7.5.3) Methodological details**

*Orbia does not operate franchises.*

### **Scope 3 category 15: Investments**

#### **(7.5.1) Base year end**

*12/31/2019*

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

*526454.0*

#### **(7.5.3) Methodological details**

*GHG emissions were obtained from entering the revenue from our Ingleside Texas JV into the Quantis evaluation tool. Cost-based method.*

### **Scope 3: Other (upstream)**

#### **(7.5.1) Base year end**

*12/31/2019*

### (7.5.2) Base year emissions (metric tons CO2e)

0.0

### (7.5.3) Methodological details

We do not include any category in our Scope 3 inventory other than the 15 established in the GHG Protocol.

### Scope 3: Other (downstream)

### (7.5.1) Base year end

12/31/2019

### (7.5.2) Base year emissions (metric tons CO2e)

0.0

### (7.5.3) Methodological details

We do not include any category in our Scope 3 inventory other than the 15 established in the GHG Protocol.

[Fixed row]

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

	Gross global Scope 1 emissions (metric tons CO2e)	Methodological details
Reporting year	536915	2023 Scope 1 data includes process GHG emissions, in addition to fuel-combustion related emissions (including leased vehicles).

[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)

1116458

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

912900

#### (7.7.4) Methodological details

*\* Scope 2 (location-based): Calculated considering average national CO2e emission factors published by the International Energy Agency with 2021 data (latest available data). \* Scope 2 (market-based): Calculated considering average national CO2e emission factors published by the International Energy Agency with 2021 data (latest available data) and supplier-specific emission factors (67% of our scope 2 emissions).*

[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)

4544252

#### (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

*For raw material related-emissions, we have used cradle to gate emission factors obtained from public or private recognized databases (e.g. Ecoinvent). For all other purchased goods and services related-emissions, we have used the cost-based method proposed by the Quantis evaluation tool.*

### Capital goods

#### (7.8.1) Evaluation status

Select from:

Not relevant, calculated

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

401993

#### (7.8.3) Emissions calculation methodology

Select all that apply

Spend-based method

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

0

#### (7.8.5) Please explain

*The emissions related to capital goods purchased were estimated using the Quantis Scope 3 evaluation tool, using the value of the purchased capital goods in the reporting year. Emissions related to this category represent less than 1% of our total Scope 3 inventory, therefore are considered not relevant.*



## 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)

205336

### (7.8.3) Emissions calculation methodology

Select all that apply

Fuel-based method

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

0

### (7.8.5) Please explain

*We used our internal databases for activity data (fuel and electricity consumption). Emission factors were sourced from the IEA (electricity) and DEFRA's WTT (fuels). Emissions related to this category represent less than 1% of our total Scope 3 inventory, therefore are considered not relevant.*

## Upstream transportation and distribution

### (7.8.1) Evaluation status

Select from:

Not relevant, calculated

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

306708

### (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

*Supplier emissions were sourced where possible (less than 1%). Freight tons and miles were compiled from our internal data base, emissions were calculated with DEFRA emission factors. When freight tons and miles were not available, the calculations were based on internal estimates (less than 30% of this category's emissions). Emissions related to this category represent less than 1% of our total Scope 3 inventory, therefore are considered not relevant.*

## Waste generated in operations

### (7.8.1) Evaluation status

Select from:

Not relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO<sub>2</sub>e)

5048

### (7.8.3) Emissions calculation methodology

Select all that apply

Waste-type-specific method

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

0

### (7.8.5) Please explain

*We used our internal databases for activity data (mass of waste by disposal method). Emission factors were sourced from DEFRA. Emissions related to this category represent less than 1% of our total Scope 3 inventory, therefore are considered not relevant.*

## Business travel

### (7.8.1) Evaluation status

Select from:

Not relevant, calculated

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

63170

### (7.8.3) Emissions calculation methodology

Select all that apply

Spend-based method

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

0

### (7.8.5) Please explain

*The emissions related to business travel were estimated using the Quantis Scope 3 evaluation tool, considering the travel expenses in the reporting year. Emissions related to this category represent less than 1% of our total Scope 3 inventory, therefore are considered not relevant.*

## Employee commuting

### (7.8.1) Evaluation status

Select from:

Not relevant, calculated

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

21583

### (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

*We extrapolated the findings of a survey conducted by the Institute for Transportation and Development Policy (ITDP) on GHG emissions from the commute of Orbia employees in Mexico City. Emissions related to this category represent less than 1% of our total Scope 3 inventory, therefore are considered not relevant.*

## Upstream leased assets

### (7.8.1) Evaluation status

Select from:

Not relevant, explanation provided

### (7.8.5) Please explain

*As mentioned before, since we have operational control of the leased vehicles we use, these emissions are currently being reported in our Scope 1 &2, according to the fuel type.*

## Downstream transportation and distribution

### (7.8.1) Evaluation status

Select from:

Not relevant, calculated

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

17692

### (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

*Based on estimated average GHG emission per ton sold and transported where we hold control, we estimated the emissions for the outbound freighted tons we do not control. Emissions related to this category represent less than 1% of our total Scope 3 inventory, therefore are considered not relevant.*

## Processing of sold products

### (7.8.1) Evaluation status

Select from:

Relevant, calculated

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

3346574

### (7.8.3) Emissions calculation methodology

Select all that apply

- Spend-based method
- Average product method

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

0

#### (7.8.5) Please explain

*Based on the sales per Business Group and the sold product categories (metric tons), GHG emission were calculated by using the Quantis Evaluation Tool.*

### Use of sold products

#### (7.8.1) Evaluation status

Select from:

- Relevant, calculated

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

22694566

#### (7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Average data method
- Average product method
- Methodology for indirect use phase emissions, please specify :Estimated refrigerant release at use phase

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

0

#### (7.8.5) Please explain

Values were calculated based on the GWP of our fluorinated products and required pumping energy for our extrusion products during the use phase. We used publicly available information and internal LCAs.

## 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)

45508131

### (7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Average data method
- Other, please specify :Estimated refrigerant release at end-of-life

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

0

### (7.8.5) Please explain

Values were mostly calculated based on the GWP of our fluorinated products. For the rest of our products, we used the Quantis evaluation tool.

## Downstream leased assets

### (7.8.1) Evaluation status

Select from:

- Not relevant, explanation provided

### (7.8.5) Please explain

*We (as lessors) have not identified relevant lease contract with any third party (lessee).*

## Franchises

### (7.8.1) Evaluation status

*Select from:*

Not relevant, explanation provided

### (7.8.5) Please explain

*Orbia does not operate franchises.*

## Investments

### (7.8.1) Evaluation status

*Select from:*

Not relevant, calculated

### (7.8.2) Emissions in reporting year (metric tons CO<sub>2</sub>e)

262779

### (7.8.3) Emissions calculation methodology

*Select all that apply*

Investment-specific method

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

0



### **(7.8.5) Please explain**

*The emissions related to investments were estimated using the Quantis Scope 3 evaluation tool, considering the sales of our Ingleside site in the reporting year. Emissions related to this category represent less than 1% of our total Scope 3 inventory, therefore are considered not relevant.*

### **Other (upstream)**

#### **(7.8.1) Evaluation status**

Select from:

Not relevant, explanation provided

### **(7.8.5) Please explain**

*We have not identified other relevant emissions in our value chain.*

### **Other (downstream)**

#### **(7.8.1) Evaluation status**

Select from:

Not relevant, explanation provided

### **(7.8.5) Please explain**

*We have not identified other relevant emissions in our value chain.*

*[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:*

Limited assurance

#### (7.9.1.4) Attach the statement

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#### (7.9.1.5) Page/section reference

*All*

#### (7.9.1.6) Relevant standard

*Select from:*

ISAE3000

#### (7.9.1.7) Proportion of reported emissions verified (%)

*99*

*[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 market-based

#### (7.9.2.2) Verification or assurance cycle in place

*Select from:*

Annual process

#### (7.9.2.3) Status in the current reporting year

Select from:

Complete

#### (7.9.2.4) Type of verification or assurance

Select from:

Limited assurance

#### (7.9.2.5) Attach the statement

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#### (7.9.2.6) Page/ section reference

*All*

#### (7.9.2.7) Relevant standard

Select from:

ISAE3000

#### (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: Use of sold products
- Scope 3: End-of-life treatment of sold products

### (7.9.3.2) Verification or assurance cycle in place

Select from:

- Annual process

### (7.9.3.3) Status in the current reporting year

Select from:

- Complete

### (7.9.3.4) Type of verification or assurance

Select from:

- Limited assurance

### (7.9.3.5) Attach the statement

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### (7.9.3.6) Page/section reference

*All*

### (7.9.3.7) Relevant standard

Select from:

- ISAE3000

### (7.9.3.8) Proportion of reported emissions verified (%)

95

[Add row]

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

### **Change in renewable energy consumption**

#### **(7.10.1.1) Change in emissions (metric tons CO2e)**

82013

#### **(7.10.1.2) Direction of change in emissions**

Select from:

Decreased

#### **(7.10.1.3) Emissions value (percentage)**

5.7

#### **(7.10.1.4) Please explain calculation**

*82,000 tons of CO2e were reduced as a result of several sites transitioning to use certified renewable electricity. It is worth noting that Orbia's overall renewable electricity consumption increased 52% vs 2022, mainly driven from sites in Europe and Latam.*

### **Other emissions reduction activities**

#### **(7.10.1.1) Change in emissions (metric tons CO2e)**

9593

#### **(7.10.1.2) Direction of change in emissions**

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

0.7

### (7.10.1.4) Please explain calculation

*9,000 tons of CO2e were reduced mainly as a result of energy efficiency projects in two major plants in Mexico (exhaust gas recovery in Altamira II and new-efficient natural gas boiler in Coatzacoalcos).*

## Divestment

### (7.10.1.1) Change in emissions (metric tons CO2e)

956

### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

0.1

### (7.10.1.4) Please explain calculation

*900 tons of CO2e were reduced as a result of 2 sites that stopped operating by the end of Q2 2023 (Foshan and Serrieres).*

## Acquisitions

### (7.10.1.1) Change in emissions (metric tons CO2e)

4173

### (7.10.1.2) Direction of change in emissions

Select from:

Increased

### (7.10.1.3) Emissions value (percentage)

0.3

### (7.10.1.4) Please explain calculation

4,000 tons of CO2e were increased as a result of 5 new sites that started operating in 2023: Culiacan, Andre-Line and Vittie (Q1); Morocco (Q2) and West Valley SLC Tape (Q3).

## Mergers

### (7.10.1.1) Change in emissions (metric tons CO2e)

0

### (7.10.1.2) Direction of change in emissions

Select from:

No change

### (7.10.1.3) Emissions value (percentage)

0

### (7.10.1.4) Please explain calculation

Not applicable

## Change in output

### (7.10.1.1) Change in emissions (metric tons CO2e)

55619



### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

3.8

### (7.10.1.4) Please explain calculation

*55,000 tons of CO2e decreased as a result of lower production output in our plants. In 2023 our production decreased 8% vs 2022, mainly due to changes in the market.*

## Change in methodology

### (7.10.1.1) Change in emissions (metric tons CO2e)

0

### (7.10.1.2) Direction of change in emissions

Select from:

No change

### (7.10.1.3) Emissions value (percentage)

0

### (7.10.1.4) Please explain calculation

*Not applicable*

## Change in boundary

**(7.10.1.1) Change in emissions (metric tons CO2e)**

0

**(7.10.1.2) Direction of change in emissions**

Select from:

No change

**(7.10.1.3) Emissions value (percentage)**

0

**(7.10.1.4) Please explain calculation**

*Not applicable*

**Change in physical operating conditions**

**(7.10.1.1) Change in emissions (metric tons CO2e)**

0

**(7.10.1.2) Direction of change in emissions**

Select from:

No change

**(7.10.1.3) Emissions value (percentage)**

0

**(7.10.1.4) Please explain calculation**

*Not applicable*

## Unidentified

### (7.10.1.1) Change in emissions (metric tons CO2e)

9392

### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

0.6

### (7.10.1.4) Please explain calculation

*Orbia's GHG inventory is vast and comprised of thousands of data inputs in 136 production sites. In our analysis efforts, we have managed to locate the reasons for increased/decrease of emissions for the grand majority of the emission trends. However, despite our efforts, for this small part of the emission reduction, we could not find the specific reason. We will continue to work on and enhance our analysis abilities.*

## Other

### (7.10.1.1) Change in emissions (metric tons CO2e)

8031

### (7.10.1.2) Direction of change in emissions

Select from:

Decreased

### (7.10.1.3) Emissions value (percentage)

0.6

#### (7.10.1.4) Please explain calculation

Colombia's grid emission factor for the purchased electricity decreased by 34% vs 2022, resulting in a decrease in emissions of 8,000 tons of CO<sub>2</sub>e vs 2022. This is not a result of Orbia's efforts but of more rainfall in the country, impacting the power generation mix resulting in a lower intensity factor for electricity.

[Fixed row]

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

##### Row 1

#### (7.15.1.1) Greenhouse gas

Select from:

CO<sub>2</sub>

#### (7.15.1.2) Scope 1 emissions (metric tons of CO<sub>2</sub>e)

510996

#### (7.15.1.3) GWP Reference

Select from:

IPCC Fourth Assessment Report (AR4 - 100 year)

##### Row 2

#### (7.15.1.1) Greenhouse gas

Select from:

CH<sub>4</sub>

#### (7.15.1.2) Scope 1 emissions (metric tons of CO<sub>2</sub>e)

**(7.15.1.3) GWP Reference**

Select from:

IPCC Fourth Assessment Report (AR4 - 100 year)

**Row 3****(7.15.1.1) Greenhouse gas**

Select from:

N2O

**(7.15.1.2) Scope 1 emissions (metric tons of CO2e)****(7.15.1.3) GWP Reference**

Select from:

IPCC Fourth Assessment Report (AR4 - 100 year)

**Row 4****(7.15.1.1) Greenhouse gas**

Select from:

HFCs

**(7.15.1.2) Scope 1 emissions (metric tons of CO2e)****(7.15.1.3) GWP Reference**

Select from:

IPCC Fourth Assessment Report (AR4 - 100 year)

[Add row]

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

### Argentina

#### (7.16.1) Scope 1 emissions (metric tons CO<sub>2</sub>e)

22.46

#### (7.16.2) Scope 2, location-based (metric tons CO<sub>2</sub>e)

2995.82

#### (7.16.3) Scope 2, market-based (metric tons CO<sub>2</sub>e)

2995.82

### Australia

#### (7.16.1) Scope 1 emissions (metric tons CO<sub>2</sub>e)

14.51

#### (7.16.2) Scope 2, location-based (metric tons CO<sub>2</sub>e)

1656.32

#### (7.16.3) Scope 2, market-based (metric tons CO<sub>2</sub>e)

1656.32

### Belgium

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

37.36

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

24.72

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

0

**Brazil**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

1353.17

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

14656.59

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

0

**Canada**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

826.34

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

2353.83

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

2353.83

**Chile**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

17.12

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

783.57

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

173.95

**China**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

0

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

2531.58

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

2531.58

**Colombia**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**



99409.51

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

14840.94

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

7270.16

## **Costa Rica**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

52.08

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

5.48

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

5.48

## **Czechia**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

146.42

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

5279.17

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

1987.3

## Denmark

### (7.16.1) Scope 1 emissions (metric tons CO2e)

362.6

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

1667.14

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

217.12

## Ecuador

### (7.16.1) Scope 1 emissions (metric tons CO2e)

1250.02

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

2615.31

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

2615.31

## Finland

### (7.16.1) Scope 1 emissions (metric tons CO2e)

123.62

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

192.87

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

147.14

**France**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

388.44

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

664.44

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

138.54

**Germany**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

59981.08

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

387807.73

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

325381.16

## Guatemala

### (7.16.1) Scope 1 emissions (metric tons CO2e)

230.97

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

3484.35

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

3484.35

## Hungary

### (7.16.1) Scope 1 emissions (metric tons CO2e)

148.28

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

892.17

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

892.17

## India

### (7.16.1) Scope 1 emissions (metric tons CO2e)

3184.04

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

51582.76

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

43357.63

**Ireland**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

117.87

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

1162.39

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

0

**Israel**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

25.68

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

19755.16

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

17421.67

**Italy**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

347.07

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

1691.09

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

0

**Japan**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

17425.29

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

4673.52

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

4673.52

**Mexico**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

250431.37

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

431135.43

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

381019.47

**Morocco**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

0

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

1351.03

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

1351.03

**Netherlands**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

1189.05

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

7143.8

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

23.42

**Oman**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

40.96

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

1379.45

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

1379.45

## **Peru**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

524.43

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

5571.65

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

5571.65

## **Poland**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

645.05

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

24913.97

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



801.94

## South Africa

### (7.16.1) Scope 1 emissions (metric tons CO2e)

179.07

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

1379.19

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

1379.19

## Spain

### (7.16.1) Scope 1 emissions (metric tons CO2e)

1403.39

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

337.69

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

0

## Sweden

### (7.16.1) Scope 1 emissions (metric tons CO2e)

198.4

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

101.94

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

0

**Turkey**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

12.13

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

14263.66

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

6069.79

**United Kingdom of Great Britain and Northern Ireland**

**(7.16.1) Scope 1 emissions (metric tons CO2e)**

15629.49

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

12372.35

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

3141.24

## United States of America

### (7.16.1) Scope 1 emissions (metric tons CO2e)

81194.67

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

94941.98

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

94610.21

## Venezuela (Bolivarian Republic of)

### (7.16.1) Scope 1 emissions (metric tons CO2e)

3.39

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

249.17

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

249.17

[Fixed row]

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

	Business division	Scope 1 emissions (metric ton CO2e)
Row 1	<i>Polymer Solutions (Vestolit and Alphagary)</i>	396474.37
Row 2	<i>Building &amp; Infrastructure (Wavin)</i>	20764.02
Row 3	<i>Precision Agriculture (Netafim)</i>	2061.93
Row 4	<i>Connectivity Solutions (Dura-Line)</i>	2081.33
Row 5	<i>Fluor &amp; Energy Materials (Koura)</i>	109639.03
Row 6	<i>Orbia Corporate (leased vehicles for employee usage)</i>	5894.6

[Add row]

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

**Row 1**

**(7.17.2.1) Facility**

*Culiacan*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

18.99

**(7.17.2.3) Latitude**

24.751748

**(7.17.2.4) Longitude**

-107.36068

## Row 2

### (7.17.2.1) Facility

*Hyderabad*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*51.89*

### (7.17.2.3) Latitude

*17.169561*

### (7.17.2.4) Longitude

*78.292594*

## Row 3

### (7.17.2.1) Facility

*Strzelin*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*53.39*

### (7.17.2.3) Latitude

*52.404036*

### (7.17.2.4) Longitude

*16.865753*

## Row 4

### (7.17.2.1) Facility

*Guachene - Geosistemas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

0

### (7.17.2.3) Latitude

3.210059

### (7.17.2.4) Longitude

-76.420308

## Row 5

### (7.17.2.1) Facility

*Cape Town*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

179.07

### (7.17.2.3) Latitude

-33.841484

### (7.17.2.4) Longitude

18.731544

## Row 6

### (7.17.2.1) Facility

*Cartagena Resinas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

98905.66

### (7.17.2.3) Latitude

10.326719

### (7.17.2.4) Longitude

-75.506137

## Row 7

### (7.17.2.1) Facility

*Rucphen*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

2.4

### (7.17.2.3) Latitude

51.957172

### (7.17.2.4) Longitude

4.229192

## Row 8

### (7.17.2.1) Facility

*Balbriggan*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*117.87*

### (7.17.2.3) Latitude

*53.605575*

### (7.17.2.4) Longitude

*-6.184051*

## Row 9

### (7.17.2.1) Facility

*Jammu*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*98.74*

### (7.17.2.3) Latitude

*32.641944*

### (7.17.2.4) Longitude

*74.938611*



## Row 10

### (7.17.2.1) Facility

*La Prensa*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

10259.12

### (7.17.2.3) Latitude

19.524784

### (7.17.2.4) Longitude

-99.120775

## Row 11

### (7.17.2.1) Facility

*St. Niklaas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

37.36

### (7.17.2.3) Latitude

51.149056

### (7.17.2.4) Longitude

4.126486

## Row 12

### (7.17.2.1) Facility

*Daman*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

2.87

### (7.17.2.3) Latitude

20.459532

### (7.17.2.4) Longitude

72.86432

## Row 13

### (7.17.2.1) Facility

*Pineville*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

1147.12

### (7.17.2.3) Latitude

35.102368

### (7.17.2.4) Longitude

-80.886713

## Row 15

### (7.17.2.1) Facility

*Lima - Geosistemas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

141.61

### (7.17.2.3) Latitude

-12.05875

### (7.17.2.4) Longitude

-76.948808

## Row 16

### (7.17.2.1) Facility

*Arequipa - Tubosistemas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

181.38

### (7.17.2.3) Latitude

-16.41931

### (7.17.2.4) Longitude

-71.509073

## Row 18

### (7.17.2.1) Facility

*Altamira I Resinas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

40182.05

### (7.17.2.3) Latitude

22.407533

### (7.17.2.4) Longitude

-97.897466

## Row 19

### (7.17.2.1) Facility

*Reynosa*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

26.42

### (7.17.2.3) Latitude

26.008416

### (7.17.2.4) Longitude

-98.268321

## Row 20

### (7.17.2.1) Facility

*Leon*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

229.79

### (7.17.2.3) Latitude

21.087885

### (7.17.2.4) Longitude

-101.681612

## Row 21

### (7.17.2.1) Facility

*Halol - 1*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

5.43

### (7.17.2.3) Latitude

22.532686

### (7.17.2.4) Longitude

73.45396

## Row 22

### (7.17.2.1) Facility

*Sao Jose dos Campos*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*736.54*

### (7.17.2.3) Latitude

*-27.553411*

### (7.17.2.4) Longitude

*-48.619858*

## Row 23

### (7.17.2.1) Facility

*Mountain Grove*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*81.64*

### (7.17.2.3) Latitude

*37.125345*

### (7.17.2.4) Longitude

*-92.278139*

## Row 24

### (7.17.2.1) Facility

*Banmore-III*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

44.16

### (7.17.2.3) Latitude

26.363889

### (7.17.2.4) Longitude

78.088333

## Row 25

### (7.17.2.1) Facility

*Guatemala - Palin*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

230.97

### (7.17.2.3) Latitude

14.599499

### (7.17.2.4) Longitude

-90.539061

## Row 26

### (7.17.2.1) Facility

*Hammel*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

362.6

### (7.17.2.3) Latitude

56.25238

### (7.17.2.4) Longitude

9.850467

## Row 27

### (7.17.2.1) Facility

*Santiago*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

17.12

### (7.17.2.3) Latitude

-33.374309

### (7.17.2.4) Longitude

-70.754727



## Row 28

### (7.17.2.1) Facility

*Clinton*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

80.99

### (7.17.2.3) Latitude

36.10165

### (7.17.2.4) Longitude

-84.124722

## Row 29

### (7.17.2.1) Facility

*Joinville Gloria*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

77.13

### (7.17.2.3) Latitude

-26.288632

### (7.17.2.4) Longitude

-48.86484

## Row 30

### (7.17.2.1) Facility

*Altamira II*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

23442.91

### (7.17.2.3) Latitude

22.453146

### (7.17.2.4) Longitude

-97.989971

## Row 31

### (7.17.2.1) Facility

*Cali - Colpozos*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

9.2

### (7.17.2.3) Latitude

3.490394

### (7.17.2.4) Longitude

-76.507896

## Row 32

### (7.17.2.1) Facility

*Suape Brasil*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

73.22

### (7.17.2.3) Latitude

-8.398121

### (7.17.2.4) Longitude

-35.060988

## Row 33

### (7.17.2.1) Facility

*Trichy*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

93.68

### (7.17.2.3) Latitude

11.002778

### (7.17.2.4) Longitude

78.81

## Row 34

### (7.17.2.1) Facility

*Cartagena Compuestos*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

0

### (7.17.2.3) Latitude

10.326722

### (7.17.2.4) Longitude

-75.503948

## Row 35

### (7.17.2.1) Facility

*Marl*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

58374.12

### (7.17.2.3) Latitude

51.681563

### (7.17.2.4) Longitude

7.100299

## Row 36

### (7.17.2.1) Facility

*Coatzacoalcos*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

63058.62

### (7.17.2.3) Latitude

18.112317

### (7.17.2.4) Longitude

-94.401488

## Row 37

### (7.17.2.1) Facility

*Las Cuevas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

16590.89

### (7.17.2.3) Latitude

21.941647

### (7.17.2.4) Longitude

-100.577946

**Row 38**

**(7.17.2.1) Facility**

*Fresno*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

121.49

**(7.17.2.3) Latitude**

36.764151

**(7.17.2.4) Longitude**

-119.718105

**Row 39**

**(7.17.2.1) Facility**

*Venezuela - Cua*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

3.39

**(7.17.2.3) Latitude**

10.167855

**(7.17.2.4) Longitude**

-66.897998

## Row 40

### (7.17.2.1) Facility

*Denver*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

28.6

### (7.17.2.3) Latitude

40.223576

### (7.17.2.4) Longitude

-76.112498

## Row 41

### (7.17.2.1) Facility

*Ribeirao Preto*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

7.97

### (7.17.2.3) Latitude

-21.12044

### (7.17.2.4) Longitude

-47.831812

## Row 42

### (7.17.2.1) Facility

*Pavco Bogota - Tubosistemas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

296.16

### (7.17.2.3) Latitude

4.595469

### (7.17.2.4) Longitude

-74.163708

## Row 43

### (7.17.2.1) Facility

*Yiftach*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

14.44

### (7.17.2.3) Latitude

33.125323

### (7.17.2.4) Longitude

35.551687



## Row 44

### (7.17.2.1) Facility

*Varenes*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

380.66

### (7.17.2.3) Latitude

46.291543

### (7.17.2.4) Longitude

3.425363

## Row 45

### (7.17.2.1) Facility

*Hatzerim*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

10.42

### (7.17.2.3) Latitude

31.240549

### (7.17.2.4) Longitude

34.717515

## Row 46

### (7.17.2.1) Facility

*Cuautitlan - Geosistemas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

2.91

### (7.17.2.3) Latitude

19.652829

### (7.17.2.4) Longitude

-99.191232

## Row 47

### (7.17.2.1) Facility

*Dahej*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

169.46

### (7.17.2.3) Latitude

21.719167

### (7.17.2.4) Longitude

72.676111

## Row 48

### (7.17.2.1) Facility

*Sparks*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

118.32

### (7.17.2.3) Latitude

39.527895

### (7.17.2.4) Longitude

-119.724202

## Row 49

### (7.17.2.1) Facility

*Argentina - Pablo Podesta*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

22.46

### (7.17.2.3) Latitude

-34.580023

### (7.17.2.4) Longitude

-58.610246

## Row 50

### (7.17.2.1) Facility

*Mihara*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

17425.29

### (7.17.2.3) Latitude

34.392411

### (7.17.2.4) Longitude

133.082727

## Row 51

### (7.17.2.1) Facility

*Kostelec nad Labem*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

33

### (7.17.2.3) Latitude

50.234759

### (7.17.2.4) Longitude

14.584053

## Row 52

### (7.17.2.1) Facility

*Halol - 2*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

3.85

### (7.17.2.3) Latitude

22.539283

### (7.17.2.4) Longitude

73.450446

## Row 53

### (7.17.2.1) Facility

*Neemrana*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

18.16

### (7.17.2.3) Latitude

27.981117

### (7.17.2.4) Longitude

76.39402

## Row 54

### (7.17.2.1) Facility

*Sugar Lane*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

195.61

### (7.17.2.3) Latitude

41.35954

### (7.17.2.4) Longitude

-82.0739

## Row 55

### (7.17.2.1) Facility

*Orbia Corporate (leased vehicles for employee usage)*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

5894.6

### (7.17.2.3) Latitude

19.424597

### (7.17.2.4) Longitude

-99.174396

**Row 56**

**(7.17.2.1) Facility**

*Henry*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

23030.65

**(7.17.2.3) Latitude**

41.133953

**(7.17.2.4) Longitude**

-89.34279

**Row 57**

**(7.17.2.1) Facility**

*Erwin*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

80.42

**(7.17.2.3) Latitude**

36.130276

**(7.17.2.4) Longitude**

-82.436797

## Row 58

### (7.17.2.1) Facility

*North Salt Lake*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*178.17*

### (7.17.2.3) Latitude

*40.857473*

### (7.17.2.4) Longitude

*-111.909585*

## Row 59

### (7.17.2.1) Facility

*Haridwar-II*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*0*

### (7.17.2.3) Latitude

*29.955556*

### (7.17.2.4) Longitude

*78.07*



**Row 60**

**(7.17.2.1) Facility**

*Banmore-II*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

270.11

**(7.17.2.3) Latitude**

26.371539

**(7.17.2.4) Longitude**

78.086547

**Row 61**

**(7.17.2.1) Facility**

*Eskilstuna*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

198.4

**(7.17.2.3) Latitude**

59.370968

**(7.17.2.4) Longitude**

16.683764

## Row 62

### (7.17.2.1) Facility

*Yinchuan*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

0

### (7.17.2.3) Latitude

38.463906

### (7.17.2.4) Longitude

106.100619

## Row 63

### (7.17.2.1) Facility

*Altamira / Compuestos*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

35075.57

### (7.17.2.3) Latitude

22.407533

### (7.17.2.4) Longitude

-97.895293

## Row 64

### (7.17.2.1) Facility

*Sumare*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

323

### (7.17.2.3) Latitude

-22.82007

### (7.17.2.4) Longitude

-47.246744

## Row 65

### (7.17.2.1) Facility

*Forest Works*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

1063.23

### (7.17.2.3) Latitude

54.750426

### (7.17.2.4) Longitude

-1.612809

**Row 66**

**(7.17.2.1) Facility**

*Valencia*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

1403.39

**(7.17.2.3) Latitude**

39.477738

**(7.17.2.4) Longitude**

-0.543038

**Row 67**

**(7.17.2.1) Facility**

*Rocksavage*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

7460.97

**(7.17.2.3) Latitude**

53.313628

**(7.17.2.4) Longitude**

-2.721378

**Row 68**

**(7.17.2.1) Facility**

*Serrieres*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

7.78

**(7.17.2.3) Latitude**

45.902325

**(7.17.2.4) Longitude**

5.837029

**Row 69**

**(7.17.2.1) Facility**

*Melbourne*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

14.51

**(7.17.2.3) Latitude**

-37.816165

**(7.17.2.4) Longitude**

144.786698

## Row 70

### (7.17.2.1) Facility

*Tlaxcala Compuestos*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

19.74

### (7.17.2.3) Latitude

19.168273

### (7.17.2.4) Longitude

-98.227892

## Row 71

### (7.17.2.1) Facility

*Westeregeln*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

161.65

### (7.17.2.3) Latitude

51.957013

### (7.17.2.4) Longitude

11.376339

## Row 72

### (7.17.2.1) Facility

*Tenille*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

63.26

### (7.17.2.3) Latitude

32.949928

### (7.17.2.4) Longitude

-82.799816

## Row 73

### (7.17.2.1) Facility

*Matamoros*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

21468.57

### (7.17.2.3) Latitude

25.90719

### (7.17.2.4) Longitude

-97.55164

## Row 74

### (7.17.2.1) Facility

*Celta - Barranquilla*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

16.87

### (7.17.2.3) Latitude

4.916205

### (7.17.2.4) Longitude

-74.046668

## Row 75

### (7.17.2.1) Facility

*Chippenham*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

1058.22

### (7.17.2.3) Latitude

51.470218

### (7.17.2.4) Longitude

-2.106321



## Row 76

### (7.17.2.1) Facility

*Lima - Tubosistemas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

180.35

### (7.17.2.3) Latitude

-12.05875

### (7.17.2.4) Longitude

-76.948808

## Row 77

### (7.17.2.1) Facility

*Vadodara*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

10

### (7.17.2.3) Latitude

22.547857

### (7.17.2.4) Longitude

73.462372

**Row 78**

**(7.17.2.1) Facility**

*Foshan*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

0

**(7.17.2.3) Latitude**

23.124325

**(7.17.2.4) Longitude**

113.006518

**Row 79**

**(7.17.2.1) Facility**

*Hazlehead*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

4808.81

**(7.17.2.3) Latitude**

53.538558

**(7.17.2.4) Longitude**

-1.727663

## Row 80

### (7.17.2.1) Facility

*Adana W*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

10

### (7.17.2.3) Latitude

36.979655

### (7.17.2.4) Longitude

35.621797

## Row 81

### (7.17.2.1) Facility

*El Patio*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

758.78

### (7.17.2.3) Latitude

22.111257

### (7.17.2.4) Longitude

-100.91655

## Row 82

### (7.17.2.1) Facility

*Tultitlan - Quimir*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

4899.34

### (7.17.2.3) Latitude

19.614368

### (7.17.2.4) Longitude

-99.18141

## Row 83

### (7.17.2.1) Facility

*Cajica Derivados*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

278.66

### (7.17.2.3) Latitude

4.965886

### (7.17.2.4) Longitude

-74.007433

## Row 84

### (7.17.2.1) Facility

*Buk*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

425.48

### (7.17.2.3) Latitude

52.348872

### (7.17.2.4) Longitude

16.52665

## Row 85

### (7.17.2.1) Facility

*Hardenberg*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

1186.65

### (7.17.2.3) Latitude

52.566193

### (7.17.2.4) Longitude

6.631615

## Row 87

### (7.17.2.1) Facility

*Joutsa*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

2.01

### (7.17.2.3) Latitude

61.759525

### (7.17.2.4) Longitude

26.1079

## Row 88

### (7.17.2.1) Facility

*Sochaczew*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

166.18

### (7.17.2.3) Latitude

52.198125

### (7.17.2.4) Longitude

20.192055

**Row 89**

**(7.17.2.1) Facility**

*Ribeirao das Neves*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

41.02

**(7.17.2.3) Latitude**

-19.787366

**(7.17.2.4) Longitude**

-44.010545

**Row 90**

**(7.17.2.1) Facility**

*Sikandrabad*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

914.29

**(7.17.2.3) Latitude**

28.469444

**(7.17.2.4) Longitude**

77.663611

## Row 91

### (7.17.2.1) Facility

*Cuautitlan - Tubosistemas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

164.1

### (7.17.2.3) Latitude

19.652829

### (7.17.2.4) Longitude

-99.191232

## Row 92

### (7.17.2.1) Facility

*Adana Netafim*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

0

### (7.17.2.3) Latitude

36.979655

### (7.17.2.4) Longitude

35.621797



## Row 93

### (7.17.2.1) Facility

*Chinley*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*303.06*

### (7.17.2.3) Latitude

*53.336509*

### (7.17.2.4) Longitude

*-1.947333*

## Row 94

### (7.17.2.1) Facility

*Goa*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*103.75*

### (7.17.2.3) Latitude

*15.370961*

### (7.17.2.4) Longitude

*73.935767*

## Row 95

### (7.17.2.1) Facility

*Pedricktown*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*9347.03*

### (7.17.2.3) Latitude

*39.764764*

### (7.17.2.4) Longitude

*-75.420883*

## Row 96

### (7.17.2.1) Facility

*Zsambek*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*148.28*

### (7.17.2.3) Latitude

*47.545381*

### (7.17.2.4) Longitude

*18.731108*

## Row 97

### (7.17.2.1) Facility

*Tlumacov*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

96.04

### (7.17.2.3) Latitude

49.261358

### (7.17.2.4) Longitude

17.497471

## Row 98

### (7.17.2.1) Facility

*Lecheria - Quimir*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

2641.55

### (7.17.2.3) Latitude

19.613016

### (7.17.2.4) Longitude

-99.181174

**Row 99**

**(7.17.2.1) Facility**

*Haridwar-I*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

17.18

**(7.17.2.3) Latitude**

29.951389

**(7.17.2.4) Longitude**

78.060833

**Row 100**

**(7.17.2.1) Facility**

*Kangasala*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

121.61

**(7.17.2.3) Latitude**

61.476556

**(7.17.2.4) Longitude**

23.991944

## Row 101

### (7.17.2.1) Facility

*Tlaxcala Resinas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

5362.35

### (7.17.2.3) Latitude

19.168018

### (7.17.2.4) Longitude

-98.228002

## Row 102

### (7.17.2.1) Facility

*Costa Rica - Belen*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

52.08

### (7.17.2.3) Latitude

9.979466

### (7.17.2.4) Longitude

-84.165975

## Row 103

### (7.17.2.1) Facility

*Leominster*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

551.78

### (7.17.2.3) Latitude

42.533303

### (7.17.2.4) Longitude

-71.708668

## Row 104

### (7.17.2.1) Facility

*El Salto*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

19329.34

### (7.17.2.3) Latitude

20.49023

### (7.17.2.4) Longitude

-103.22593

## Row 105

### (7.17.2.1) Facility

*Gravenhurst*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*142.01*

### (7.17.2.3) Latitude

*44.995893*

### (7.17.2.4) Longitude

*-79.321291*

## Row 106

### (7.17.2.1) Facility

*Chennai*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*13.43*

### (7.17.2.3) Latitude

*12.73713*

### (7.17.2.4) Longitude

*80.0045*

## Row 107

### (7.17.2.1) Facility

*Pavco Bogota - Geosistemas*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

60.45

### (7.17.2.3) Latitude

4.595469

### (7.17.2.4) Longitude

-74.163708

## Row 108

### (7.17.2.1) Facility

*Muzquiz*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

129.24

### (7.17.2.3) Latitude

27.882263

### (7.17.2.4) Longitude

-101.512374



**Row 109**

**(7.17.2.1) Facility**

*St. Gabriel*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

*45254.07*

**(7.17.2.3) Latitude**

*30.235727*

**(7.17.2.4) Longitude**

*-91.099571*

**Row 110**

**(7.17.2.1) Facility**

*Melton Mowbray*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

*160.84*

**(7.17.2.3) Latitude**

*52.752347*

**(7.17.2.4) Longitude**

*-0.906794*

## Row 111

### (7.17.2.1) Facility

*Sohar*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

40.96

### (7.17.2.3) Latitude

24.429516

### (7.17.2.4) Longitude

56.569919

## Row 112

### (7.17.2.1) Facility

*Garden Street*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

183.88

### (7.17.2.3) Latitude

41.359269

### (7.17.2.4) Longitude

-82.122423

## Row 113

### (7.17.2.1) Facility

*Guachene - Tubosistemas PVC y GRP*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*121.17*

### (7.17.2.3) Latitude

*3.13303*

### (7.17.2.4) Longitude

*-76.39174*

## Row 114

### (7.17.2.1) Facility

*Rioverde*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*551.21*

### (7.17.2.3) Latitude

*21.966143*

### (7.17.2.4) Longitude

*-100.008897*

## Row 115

### (7.17.2.1) Facility

*Jaipur*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*380.44*

### (7.17.2.3) Latitude

*26.806111*

### (7.17.2.4) Longitude

*75.560833*

## Row 116

### (7.17.2.1) Facility

*Magal*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*0.82*

### (7.17.2.3) Latitude

*32.3867*

### (7.17.2.4) Longitude

*35.033955*

**Row 117**

**(7.17.2.1) Facility**

*Bhopal*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

402.23

**(7.17.2.3) Latitude**

23.105833

**(7.17.2.4) Longitude**

77.519167

**Row 119**

**(7.17.2.1) Facility**

*Fowler*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

189.32

**(7.17.2.3) Latitude**

36.762922

**(7.17.2.4) Longitude**

-119.705432

## Row 120

### (7.17.2.1) Facility

*Guwahati*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

27.9

### (7.17.2.3) Latitude

26.354167

### (7.17.2.4) Longitude

91.676389

## Row 121

### (7.17.2.1) Facility

*McAlester*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

78.02

### (7.17.2.3) Latitude

34.925377

### (7.17.2.4) Longitude

-95.824824

## Row 122

### (7.17.2.1) Facility

*Tumkur*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

383.11

### (7.17.2.3) Latitude

13.485556

### (7.17.2.4) Longitude

77.037778

## Row 123

### (7.17.2.1) Facility

*Gainesville*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

220.04

### (7.17.2.3) Latitude

33.657908

### (7.17.2.4) Longitude

-97.152932

## Row 124

### (7.17.2.1) Facility

*Evansville*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

120

### (7.17.2.3) Latitude

42.85858

### (7.17.2.4) Longitude

-106.216867

## Row 125

### (7.17.2.1) Facility

*Kashipur*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

67.72

### (7.17.2.3) Latitude

29.135833

### (7.17.2.4) Longitude

78.938611



**Row 126**

**(7.17.2.1) Facility**

*Lurin*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

21.09

**(7.17.2.3) Latitude**

-12.290457

**(7.17.2.4) Longitude**

-76.841186

**Row 127**

**(7.17.2.1) Facility**

*Twist*

**(7.17.2.2) Scope 1 emissions (metric tons CO2e)**

1445.31

**(7.17.2.3) Latitude**

52.641412

**(7.17.2.4) Longitude**

7.106509

## Row 128

### (7.17.2.1) Facility

*S.M. Maddalena*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*347.07*

### (7.17.2.3) Latitude

*44.904102*

### (7.17.2.4) Longitude

*11.600488*

## Row 129

### (7.17.2.1) Facility

*Halol - 3*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*17.51*

### (7.17.2.3) Latitude

*22.570554*

### (7.17.2.4) Longitude

*73.488727*

## Row 130

### (7.17.2.1) Facility

*Raipur*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

86.28

### (7.17.2.3) Latitude

21.305

### (7.17.2.4) Longitude

81.610833

## Row 131

### (7.17.2.1) Facility

*PMV Minera*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

46.62

### (7.17.2.3) Latitude

18.00516

### (7.17.2.4) Longitude

-94.744207

## Row 132

### (7.17.2.1) Facility

*Sandersville*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

53

### (7.17.2.3) Latitude

32.999553

### (7.17.2.4) Longitude

-82.83551

## Row 133

### (7.17.2.1) Facility

*Horní Pocerňice*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

17.38

### (7.17.2.3) Latitude

50.122406

### (7.17.2.4) Longitude

14.613469

## Row 134

### (7.17.2.1) Facility

*Ecuador - Duran*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

1250.02

### (7.17.2.3) Latitude

-2.191214

### (7.17.2.4) Longitude

-79.82391

## Row 135

### (7.17.2.1) Facility

*Joinville Floresta*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

89.88

### (7.17.2.3) Latitude

-26.337979

### (7.17.2.4) Longitude

-48.846319

## Row 136

### (7.17.2.1) Facility

*Doncaster*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*774.36*

### (7.17.2.3) Latitude

*53.488512*

### (7.17.2.4) Longitude

*-1.185*

## Row 137

### (7.17.2.1) Facility

*Andre-Line*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*259.7*

### (7.17.2.3) Latitude

*45.38302*

### (7.17.2.4) Longitude

*-72.7709*

## Row 138

### (7.17.2.1) Facility

*Morocco*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

0

### (7.17.2.3) Latitude

34.295053

### (7.17.2.4) Longitude

-6.41379

## Row 139

### (7.17.2.1) Facility

*Vittie*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

424.63

### (7.17.2.3) Latitude

45.39399

### (7.17.2.4) Longitude

-72.71257

## Row 140

### (7.17.2.1) Facility

*Wateringen*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

0

### (7.17.2.3) Latitude

*52.0247*

### (7.17.2.4) Longitude

*4.2741*

## Row 141

### (7.17.2.1) Facility

*West Valley SLC Tape*

### (7.17.2.2) Scope 1 emissions (metric tons CO2e)

*66.39*

### (7.17.2.3) Latitude

*40.6885*

### (7.17.2.4) Longitude

*-111.958*

*[Add row]*



**(7.17.3) Break down your total gross global Scope 1 emissions by business activity.**

	Activity	Scope 1 emissions (metric tons CO2e)
Row 1	<i>Natural gas combustion for heating</i>	302290
Row 3	<i>Natural gas combustion for co-generation</i>	126345
Row 4	<i>Process emissions</i>	53467
Row 5	<i>Leased vehicles for employee usage</i>	5895
Row 6	<i>Other fuels burned at sites</i>	48919

[Add row]

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

	Gross Scope 1 emissions, metric tons CO2e	Comment
Chemicals production activities	506113	<i>These emissions only apply to the chemical operations: Polymer Solutions (Vestolit and Alphagary) &amp; Fluor &amp; Energy Materials (Koura)</i>

[Fixed row]

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

	Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	<i>Polymer Solutions (Vestolit and Alphagary)</i>	769882.39	677275.94
Row 2	<i>Building &amp; Infrastructure (Wavin)</i>	146258.63	56508.16
Row 3	<i>Precision Agriculture (Netafim)</i>	55664.74	47537.44
Row 4	<i>Connectivity Solutions (Dura-Line)</i>	58552.63	53472.95
Row 5	<i>Fluor &amp; Energy Materials (Koura)</i>	85803.8	77809.07
Row 7	<i>Orbia Corporate (leased vehicles for employee usage)</i>	296.13	296.13

[Add row]

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

### Row 1

#### (7.20.2.1) Facility

*Andre-Line*

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

737.34

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

737.34

### Row 2

**(7.20.2.1) Facility**

*Erwin*

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

2502.29

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

2502.29

**Row 3**

**(7.20.2.1) Facility**

*Fresno*

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

5333.4

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

5001.63

**Row 4**

**(7.20.2.1) Facility**

*Ecuador - Duran*

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

2615.31

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

2615.31

**Row 5**

**(7.20.2.1) Facility**

*Haridwar-I*

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

2405.58

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

2405.58

**Row 6**

**(7.20.2.1) Facility**

*Lecheria - Quimir*

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

1271.19

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

1150.98

**Row 7**

**(7.20.2.1) Facility**

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

1720.65

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

0

**Row 8**

**(7.20.2.1) Facility**

*Arequipa - Tubosistemas*

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

1619.99

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

1619.99

**Row 9**

**(7.20.2.1) Facility**

*Coatzacoalcos*

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

195300.15

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

173211.03

## Row 10

### (7.20.2.1) Facility

*Tennille*

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

2664.32

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

2664.32

## Row 11

### (7.20.2.1) Facility

*McAlester*

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

5735.18

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

5735.18

## Row 12

### (7.20.2.1) Facility

*Sandersville*

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

6234.31

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

6234.31

**Row 13**

**(7.20.2.1) Facility**

*Las Cuevas*

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

18999.95

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

17546.01

**Row 14**

**(7.20.2.1) Facility**

*S.M. Maddalena*

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

1691.09

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

0

## Row 15

### (7.20.2.1) Facility

*Clinton*

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

1836.49

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

1836.49

## Row 16

### (7.20.2.1) Facility

*Costa Rica - Belen*

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

5.48

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

5.48

## Row 17

### (7.20.2.1) Facility

*Cajica Derivados*

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



825.4

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

825.4

**Row 18**

**(7.20.2.1) Facility**

*Lima - Geosistemas*

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

532.48

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

532.48

**Row 19**

**(7.20.2.1) Facility**

*Cartagena Resinas*

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

6667.7

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

6657.73

**Row 20**

**(7.20.2.1) Facility**

*Haridwar-II*

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

191.4

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

191.4

**Row 21**

**(7.20.2.1) Facility**

*Sparks*

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

1496.35

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

1496.35

**Row 22**

**(7.20.2.1) Facility**

*Tumkur*

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

2941.6

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

2941.6

**Row 23**

**(7.20.2.1) Facility**

*Pedricktown*

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

7636

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

7636

**Row 24**

**(7.20.2.1) Facility**

*Tlumacov*

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

1987.3

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

1987.3

**Row 25**

**(7.20.2.1) Facility**

St. Niklaas

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

24.72

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

0

**Row 26**

**(7.20.2.1) Facility**

Henry

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

14454.69

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

14454.69

**Row 27**

**(7.20.2.1) Facility**

Muzquiz

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

103.35

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

103.35

**Row 28**

**(7.20.2.1) Facility**

*Chippenham*

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

4394.76

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

0

**Row 29**

**(7.20.2.1) Facility**

*Chennai*

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

2861.7

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

2861.7

**Row 30**

**(7.20.2.1) Facility**

*Dahej*

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

434.4

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

434.4

**Row 31**

**(7.20.2.1) Facility**

*Zsambek*

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

892.17

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

892.17

**Row 32**

**(7.20.2.1) Facility**

*Banmore-II*

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

3007

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

2899.14

### Row 33

#### (7.20.2.1) Facility

*Pavco Bogota - Geosistemas*

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

791.47

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

0

### Row 34

#### (7.20.2.1) Facility

*Sugar Lane*

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

316.46

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

316.46

### Row 35

#### (7.20.2.1) Facility

*PMV Minera*

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

1444.81

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

1444.81

**Row 38**

**(7.20.2.1) Facility**

*Yiftach*

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

4905.05

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

4413.01

**Row 39**

**(7.20.2.1) Facility**

*Cuautitlan - Geosistemas*

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

121.84

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

121.84

**Row 40**



**(7.20.2.1) Facility**

*Marl*

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

378445.76

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

325146.16

**Row 41**

**(7.20.2.1) Facility**

*Guwahati*

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

283.11

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

283.11

**Row 42**

**(7.20.2.1) Facility**

*Trichy*

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

987.47

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

987.47

**Row 43**

**(7.20.2.1) Facility**

*Magal*

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

6033.62

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

5371.9

**Row 44**

**(7.20.2.1) Facility**

*Valencia*

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

337.69

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

0

**Row 45**

**(7.20.2.1) Facility**

Hammel

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

1667.14

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

217.12

**Row 47**

**(7.20.2.1) Facility**

Buk

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

14434.06

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

801.94

**Row 48**

**(7.20.2.1) Facility**

Neemrana

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

1689.57

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

296.66

**Row 49**

**(7.20.2.1) Facility**

*Halol - 3*

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

4242.5

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

4103.69

**Row 50**

**(7.20.2.1) Facility**

*Garden Street*

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

6986.08

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

6986.08

**Row 51**

**(7.20.2.1) Facility**

*Melbourne*

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

1656.32

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

1656.32

**Row 52**

**(7.20.2.1) Facility**

*Hardenberg*

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

5845.95

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

0

**Row 53**

**(7.20.2.1) Facility**

*Leon*

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

9095.43

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

6106.54

## Row 54

### (7.20.2.1) Facility

*Jaipur*

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

*1704.82*

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

*1704.82*

## Row 55

### (7.20.2.1) Facility

*Lurin*

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

*566.77*

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

*566.77*

## Row 56

### (7.20.2.1) Facility

*Raipur*

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

1316.16

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

1316.16

**Row 57**

**(7.20.2.1) Facility**

*Eskilstuna*

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

101.94

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

0

**Row 58**

**(7.20.2.1) Facility**

*Joinville Floresta*

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

3227.21

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

0

**Row 59**

**(7.20.2.1) Facility**

*North Salt Lake*

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

*4192.52*

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

*4192.52*

**Row 60**

**(7.20.2.1) Facility**

*Sohar*

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

*1379.45*

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

*1379.45*

**Row 61**

**(7.20.2.1) Facility**

*Halol - 2*

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

*1629.07*



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

1629.07

**Row 62**

**(7.20.2.1) Facility**

*St. Gabriel*

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

12560.18

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

12560.18

**Row 63**

**(7.20.2.1) Facility**

*Rucphen*

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

1240.51

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

0

**Row 64**

**(7.20.2.1) Facility**

Mihara

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

4673.52

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

4673.52

**Row 65**

**(7.20.2.1) Facility**

*Altamira I Resinas*

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

42591.94

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

42340.92

**Row 66**

**(7.20.2.1) Facility**

*Venezuela - Cua*

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

249.17

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

249.17

**Row 67**

**(7.20.2.1) Facility**

*Daman*

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

612.31

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

574.79

**Row 68**

**(7.20.2.1) Facility**

*Twist*

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

4474.1

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

57.65

**Row 69**

**(7.20.2.1) Facility**

*Vadodara*

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

4484.73

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

3200.28

**Row 70**

**(7.20.2.1) Facility**

*Altamira I Compuestos*

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

14183.28

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

6490.76

**Row 71**

**(7.20.2.1) Facility**

*Kashipur*

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

1638.6

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

1638.6

## Row 72

### (7.20.2.1) Facility

*Balbriggan*

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

1162.39

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

0

## Row 73

### (7.20.2.1) Facility

*Cape Town*

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

1379.19

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

1379.19

## Row 74

### (7.20.2.1) Facility

*Fowler*

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

1997.38

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

1997.38

**Row 75**

**(7.20.2.1) Facility**

*Santiago*

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

783.57

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

173.95

**Row 76**

**(7.20.2.1) Facility**

*Serrieres*

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

138.54

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

138.54

**Row 77**

**(7.20.2.1) Facility**

*Banmore-III*

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

5466.76

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

1947.6

**Row 78**

**(7.20.2.1) Facility**

*Guatemala - Palin*

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

3484.35

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

3484.35

**Row 79**

**(7.20.2.1) Facility**

*Bhopal*

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

777.31

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

777.31

**Row 80**

**(7.20.2.1) Facility**

*Hyderabad*

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

4943.7

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

3856.54

**Row 81**

**(7.20.2.1) Facility**

*El Salto*

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

47529.61

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

42153.84

**Row 82**

**(7.20.2.1) Facility**



*Rocksavage*

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

2323.23

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

2323.23

**Row 84**

**(7.20.2.1) Facility**

*Sikandrabad*

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

3553.87

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

3553.87

**Row 85**

**(7.20.2.1) Facility**

*La Presa*

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

6409.44

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

5964.74

**Row 86**

**(7.20.2.1) Facility**

*Gainesville*

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

3048.89

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

3048.89

**Row 87**

**(7.20.2.1) Facility**

*Foshan*

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

144.6

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

144.6

**Row 88**

**(7.20.2.1) Facility**

*Celta - Barranquilla*

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

1192.84

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

1.4

**Row 89**

**(7.20.2.1) Facility**

*Ribeirao das Neves*

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

723.04

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

0

**Row 90**

**(7.20.2.1) Facility**

*Denver*

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

1162.26

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

1162.26

## Row 91

### (7.20.2.1) Facility

*Halol - 1*

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

1910.32

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

1910.32

## Row 92

### (7.20.2.1) Facility

*Forest Works*

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

376.52

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

0

## Row 93

### (7.20.2.1) Facility

*Altamira II*

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

26922.26

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

26329.22

**Row 94**

**(7.20.2.1) Facility**

*Matamoros*

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

39778.19

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

37043.21

**Row 95**

**(7.20.2.1) Facility**

*Joutsa*

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

174.8

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

147.14

**Row 96**

**(7.20.2.1) Facility**

*Cali - Colpozos*

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

40.74

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

40.74

**Row 97**

**(7.20.2.1) Facility**

*Pavco Bogota - Tubosistemas*

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

3995.78

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

0

**Row 98**

**(7.20.2.1) Facility**

*Guachene - Tubosistemas PVC y GRP*

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

1348.36

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

0

**Row 99**

**(7.20.2.1) Facility**

*Adana W*

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

8193.87

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

0

**Row 100**

**(7.20.2.1) Facility**

*Guachene - Geosistemas*

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

233.76

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

0

**Row 101**

**(7.20.2.1) Facility**

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

570.29

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

570.29

**Row 102**

**(7.20.2.1) Facility**

*Tlaxcala Resinas*

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

4934.7

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

4474.95

**Row 103**

**(7.20.2.1) Facility**

*Cuautitlan - Tubosistemas*

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

6497.81

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



5955.62

**Row 104**

**(7.20.2.1) Facility**

*Sochaczew*

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

4422.43

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

0

**Row 105**

**(7.20.2.1) Facility**

*Westeregeln*

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

4887.87

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

177.35

**Row 106**

**(7.20.2.1) Facility**

*Kangasala*

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

18.07

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

0

**Row 107**

**(7.20.2.1) Facility**

*Sao Jose dos Campos*

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

1519.77

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

0

**Row 108**

**(7.20.2.1) Facility**

*Yinchuan*

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

2386.98

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

2386.98

## Row 109

### (7.20.2.1) Facility

*Ribeirao Preto*

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

650.83

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

0

## Row 110

### (7.20.2.1) Facility

*Doncaster*

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

1412.88

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

0

## Row 111

### (7.20.2.1) Facility

*Hazlehead*

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

1211.52

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

0

**Row 112**

**(7.20.2.1) Facility**

*Hatzerim*

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

8816.49

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

7636.76

**Row 113**

**(7.20.2.1) Facility**

*Jammu*

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

1009.31

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

1009.31

**Row 114**

**(7.20.2.1) Facility**

*Melton Mowbray*

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

1835.43

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

0

**Row 115**

**(7.20.2.1) Facility**

*El Patio*

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

250.53

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

229.2

**Row 116**

**(7.20.2.1) Facility**

*Sumare*

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

5741.97

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

0

**Row 117**

**(7.20.2.1) Facility**

*Kostelec nad Labem*

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

1571.22

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

0

**Row 118**

**(7.20.2.1) Facility**

*Varennnes*

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

525.9

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

0

**Row 119**

**(7.20.2.1) Facility**

Mountain Grove

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

7562.16

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

7562.16

**Row 120**

**(7.20.2.1) Facility**

Reynosa

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

4086.51

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

2781.51

**Row 121**

**(7.20.2.1) Facility**

Strzelin

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

6057.48

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

0

**Row 122**

**(7.20.2.1) Facility**

*Joinville Gloria*

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

1460.03

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 123**

**(7.20.2.1) Facility**

*Chinley*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

818.01

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

818.01

**Row 124**

**(7.20.2.1) Facility**

*Lima - Tubosistemas*



**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

2852.41

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

2852.41

**Row 125**

**(7.20.2.1) Facility**

*Suape Brasil*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

1333.74

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

0

**Row 126**

**(7.20.2.1) Facility**

*Adana Netafim*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

6069.79

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

6069.79

## Row 127

### (7.20.2.1) Facility

*Tlaxcala Compuestos*

### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

1560.57

### (7.20.2.3) Scope 2, market-based (metric tons CO2e)

1415.15

## Row 128

### (7.20.2.1) Facility

*Argentina - Pablo Podesta*

### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

2995.82

### (7.20.2.3) Scope 2, market-based (metric tons CO2e)

2995.82

## Row 129

### (7.20.2.1) Facility

*Rioverde*

### (7.20.2.2) Scope 2, location-based (metric tons CO2e)

7114.85

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

3330.35

**Row 130**

**(7.20.2.1) Facility**

*Tultitlan - Quimir*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

1192.41

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

1078.83

**Row 131**

**(7.20.2.1) Facility**

*Orbia Corporate (leased vehicles for employee usage)*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

296.13

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

296.13

**Row 132**

**(7.20.2.1) Facility**

*Evansville*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

3372.75

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

3372.75

**Row 133**

**(7.20.2.1) Facility**

*Leominster*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

2615.44

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

2615.44

**Row 134**

**(7.20.2.1) Facility**

*Gravenhurst*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

1067.67

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

1067.67

**Row 135**

**(7.20.2.1) Facility**

Goa

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

3491.47

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

2834.21

**Row 136**

**(7.20.2.1) Facility**

Pineville

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

3116.88

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

3116.88

**Row 137**

**(7.20.2.1) Facility**

*Culiacan*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

625.08

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

625.08

**Row 138**

**(7.20.2.1) Facility**

*Morocco*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

1351.03

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

1351.03

**Row 139**

**(7.20.2.1) Facility**

*Vittie*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

548.82

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

548.82

**Row 140**

**(7.20.2.1) Facility**

*Wateringen*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

57.34

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

23.42

**Row 141**

**(7.20.2.1) Facility**

*West Valley SLC Tape*

**(7.20.2.2) Scope 2, location-based (metric tons CO2e)**

117.95

**(7.20.2.3) Scope 2, market-based (metric tons CO2e)**

117.95

*[Add row]*

**(7.20.3) Break down your total gross global Scope 2 emissions by business activity.**

	Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	<i>Conventional and renewable electricity</i>	930834	677593.66
Row 2	<i>Heating, Steam and Cooling</i>	185624.4	235306

[Add row]

**(7.21) Break down your organization’s total gross global Scope 2 emissions by sector production activity in metric tons CO2e.**

	Scope 2, location-based, metric tons CO2e	Scope 2, market-based (if applicable), metric tons CO2e	Comment
Chemicals production activities	855686	755085	<i>These emissions only apply to the chemical operations: Polymer Solutions (Vestolit and Alphagary) &amp; Fluor &amp; Energy Materials (Koura)</i>

[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)**

536915

**(7.22.2) Scope 2, location-based emissions (metric tons CO2e)**



**(7.22.3) Scope 2, market-based emissions (metric tons CO2e)**

912900

**(7.22.4) Please explain**

*Orbia's sustainability reporting encompasses all global businesses under Orbia's operational and financial control (more than 50% of voting rights), which ensures alignment between sustainability and financial reporting. This means Orbia accounts for 100% of Scope 1 and Scope 2 GHG emissions from operations where we have full authority to introduce and implement operating policies, including Joint Ventures for which we hold operational control and more than 50% of voting rights.*

**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**

*Orbia's sustainability reporting encompasses all global businesses under Orbia's operational and financial control (more than 50% of voting rights), which ensures alignment between sustainability and financial reporting. This means Orbia accounts for 100% of Scope 1 and Scope 2 GHG emissions from operations where we have full authority to introduce and implement operating policies, including Joint Ventures for which we hold operational control and more than 50% of voting rights.*  
*[Fixed row]*

**(7.25) Disclose the percentage of your organization's Scope 3, Category 1 emissions by purchased chemical feedstock.**

## Row 1

### (7.25.1) Purchased feedstock

Select from:

Polymers

### (7.25.2) Percentage of Scope 3, Category 1 tCO2e from purchased feedstock

39.05

### (7.25.3) Explain calculation methodology

*We have used cradle to gate emission factors obtained from public or private recognized databases (Ex. Ecoinvent). We conducted a full Scope 3 inventory screening in 2019 and, we assume the distribution of raw materials is the same year over year unless a major change in our raw material mix takes place.*

## Row 2

### (7.25.1) Purchased feedstock

Select from:

Soda ash

### (7.25.2) Percentage of Scope 3, Category 1 tCO2e from purchased feedstock

0.59

### (7.25.3) Explain calculation methodology

*We have used cradle to gate emission factors obtained from public or private recognized databases (Ex. Ecoinvent). We conducted a full Scope 3 inventory screening in 2019 and, we assume the distribution of raw materials is the same year over year unless a major change in our raw material mix takes place.*

## Row 3

### (7.25.1) Purchased feedstock

Select from:

High Value Chemicals (Steam cracking)

### (7.25.2) Percentage of Scope 3, Category 1 tCO2e from purchased feedstock

3.78

### (7.25.3) Explain calculation methodology

*We have used cradle to gate emission factors obtained from public or private recognized databases (Ex. Ecoinvent). We conducted a full Scope 3 inventory screening in 2019 and, we assume the distribution of raw materials is the same year over year unless a major change in our raw material mix takes place.*

## Row 4

### (7.25.1) Purchased feedstock

Select from:

Other (please specify) :Mainly VCM with other chemicals

### (7.25.2) Percentage of Scope 3, Category 1 tCO2e from purchased feedstock

48.11

### (7.25.3) Explain calculation methodology

*We have used cradle to gate emission factors obtained from public or private recognized databases (Ex. Ecoinvent). We conducted a full Scope 3 inventory screening in 2019 and, we assume the distribution of raw materials is the same year over year unless a major change in our raw material mix takes place.*

*[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**

*Not applicable*

**Methane (CH<sub>4</sub>)**

**(7.25.1.1) Sales, metric tons**

0

**(7.25.1.2) Comment**

*Not applicable*

**Nitrous oxide (N<sub>2</sub>O)**

**(7.25.1.1) Sales, metric tons**

0

**(7.25.1.2) Comment**

*Not applicable*

**Hydrofluorocarbons (HFC)**

**(7.25.1.1) Sales, metric tons**

42836

**(7.25.1.2) Comment**

*Refrigerants sales*

## Perfluorocarbons (PFC)

### (7.25.1.1) Sales, metric tons

0

### (7.25.1.2) Comment

*Not applicable*

## Sulphur hexafluoride (SF6)

### (7.25.1.1) Sales, metric tons

0

### (7.25.1.2) Comment

*Not applicable*

## Nitrogen trifluoride (NF3)

### (7.25.1.1) Sales, metric tons

0

### (7.25.1.2) Comment

*Not applicable*

*[Fixed 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 currently have more than 300,000 SKU's. Accounting carbon footprint for every single one is a challenge. We are working on completing Life Cycle Assessments for our main products, and provide the most accurate carbon footprint that we have at the moment to the customers who require it.*

## Row 3

### (7.27.1) Allocation challenges

Select from:

- Customer base is too large and diverse to accurately track emissions to the customer level

### (7.27.2) Please explain what would help you overcome these challenges

*Orbia is working on managing the information of its key clients, not only at a financial level, but also the data related to the sold products (types, quantities). This will allow us to improve our systems to allocate GHG emissions to customers*  
[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 focusing our efforts to more accurately measure our GHG emissions-per-product intensities. Wherever possible, we plan to make GHG allocations for the main product lines. We are also in the process of conducting new Life Cycle Assessments to some of our main product families. We may propose mutually beneficial climate related projects with our customers (and other business partners) in the future.

[Fixed row]

## (7.30) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired electricity	Select from: <input checked="" type="checkbox"/> Yes
Consumption of purchased or acquired heat	Select from: <input checked="" type="checkbox"/> Yes
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"/> Yes
Generation of electricity, heat, steam, or cooling	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

## (7.30.1) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

## Consumption of fuel (excluding feedstock)

### (7.30.1.1) Heating value

Select from:

HHV (higher heating value)

### (7.30.1.2) MWh from renewable sources

1407

### (7.30.1.3) MWh from non-renewable sources

2577752

### (7.30.1.4) Total (renewable and non-renewable) MWh

2579159

## 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

626392

### (7.30.1.3) MWh from non-renewable sources

1860663

### (7.30.1.4) Total (renewable and non-renewable) MWh



2487055

## Consumption of purchased or acquired heat

### (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

48592

### (7.30.1.4) Total (renewable and non-renewable) MWh

48592

## 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

593132

#### (7.30.1.4) Total (renewable and non-renewable) MWh

593132

### Consumption of purchased or acquired cooling

#### (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

806936

#### (7.30.1.4) Total (renewable and non-renewable) MWh

806936

### Consumption of self-generated non-fuel renewable energy

#### (7.30.1.1) Heating value

Select from:

Unable to confirm heating value

#### (7.30.1.2) MWh from renewable sources

13824

#### (7.30.1.4) Total (renewable and non-renewable) MWh

13824

## Total energy consumption

### (7.30.1.1) Heating value

Select from:

Unable to confirm heating value

### (7.30.1.2) MWh from renewable sources

641623

### (7.30.1.3) MWh from non-renewable sources

5887075

### (7.30.1.4) Total (renewable and non-renewable) MWh

6528698

[Fixed row]

**(7.30.3) Report your organization's energy consumption totals (excluding feedstocks) for chemical production activities in MWh.**

## Consumption of fuel (excluding feedstocks)

### (7.30.3.1) Heating value

Select from:

HHV (higher heating value)

### (7.30.3.2) MWh consumed from renewable sources inside chemical sector boundary

0

**(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)**

2454601

**(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**

2454601

### **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**

265002

**(7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)**

1441260

**(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**

1706262

**Consumption of purchased or acquired heat**

**(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)**

41680

**(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**

41680

## 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)

593132

### (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

593132

## Consumption of purchased or acquired cooling

### (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)**

806936

**(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**

806936

**Consumption of self-generated non-fuel renewable energy**

**(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**

311

**(7.30.3.5) Total MWh (renewable + non-renewable + MWh from recovered waste heat/gases) consumed inside chemical sector boundary**

311

## 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

265313

### (7.30.3.3) MWh consumed from non-renewable sources inside chemical sector boundary (excluding recovered waste heat/gases)

5337609

### (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

5602922

[Fixed row]

### (7.30.6) Select the applications of your organization's consumption of fuel.



	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of heat	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of steam	Select from: <input checked="" type="checkbox"/> Yes
Consumption of fuel for the generation of cooling	Select from: <input checked="" type="checkbox"/> No
Consumption of fuel for co-generation or tri-generation	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

**(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.**

### Sustainable biomass

#### (7.30.7.1) Heating value

Select from:

HHV

#### (7.30.7.2) Total fuel MWh consumed by the organization

0

#### (7.30.7.3) MWh fuel consumed for self-generation of electricity

0

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*Not consumed by Orbia.*

### **Other biomass**

**(7.30.7.1) Heating value**

Select from:

HHV

**(7.30.7.2) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

0

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*Not consumed by Orbia.*

**Other renewable fuels (e.g. renewable hydrogen)**

**(7.30.7.1) Heating value**

Select from:

HHV

**(7.30.7.2) Total fuel MWh consumed by the organization**

1407

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

0

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*In this category we are reporting the consumption of Bio LPG and Biodiesel.*

**Coal****(7.30.7.1) Heating value**

Select from:

HHV

**(7.30.7.2) Total fuel MWh consumed by the organization**

0

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

0

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

0

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*Not consumed by Orbia.*

**Oil**

**(7.30.7.1) Heating value**

*Select from:*

HHV

**(7.30.7.2) Total fuel MWh consumed by the organization**

97009

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

11540

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

85469

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

0

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*This data contemplates diesel and gasoline consumptions.*

**Gas**

**(7.30.7.1) Heating value**

Select from:

HHV

**(7.30.7.2) Total fuel MWh consumed by the organization**

2480743

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

0

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

106105

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

1675834

#### (7.30.7.6) MWh fuel consumed for self-generation of cooling

0

#### (7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

698803

#### (7.30.7.8) Comment

*This data contemplates the consumption of natural gas, LPG gas, butane and propane*

#### **Other non-renewable fuels (e.g. non-renewable hydrogen)**

#### (7.30.7.1) Heating value

Select from:

HHV

#### (7.30.7.2) Total fuel MWh consumed by the organization

0

#### (7.30.7.3) MWh fuel consumed for self-generation of electricity

0

#### (7.30.7.4) MWh fuel consumed for self-generation of heat

0

#### (7.30.7.5) MWh fuel consumed for self-generation of steam

0

#### (7.30.7.6) MWh fuel consumed for self-generation of cooling

0

**(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

0

**(7.30.7.8) Comment**

*Not consumed by Orbia.*

**Total fuel**

**(7.30.7.1) Heating value**

Select from:

HHV

**(7.30.7.2) Total fuel MWh consumed by the organization**

2579159

**(7.30.7.3) MWh fuel consumed for self-generation of electricity**

11540

**(7.30.7.4) MWh fuel consumed for self-generation of heat**

192982

**(7.30.7.5) MWh fuel consumed for self-generation of steam**

1675834

**(7.30.7.6) MWh fuel consumed for self-generation of cooling**

0



### **(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration**

698803

### **(7.30.7.8) Comment**

*Sum of all fuels consumed by Orbia.  
[Fixed row]*

**(7.30.9) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.**

### **Electricity**

#### **(7.30.9.1) Total Gross generation (MWh)**

106821

#### **(7.30.9.2) Generation that is consumed by the organization (MWh)**

106821

#### **(7.30.9.3) Gross generation from renewable sources (MWh)**

13823.91

#### **(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

13823.91

### **Heat**

#### **(7.30.9.1) Total Gross generation (MWh)**

0

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

0

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

**Steam**

**(7.30.9.1) Total Gross generation (MWh)**

1531511

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

1531511

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

**Cooling**

**(7.30.9.1) Total Gross generation (MWh)**

0

**(7.30.9.2) Generation that is consumed by the organization (MWh)**

0

**(7.30.9.3) Gross generation from renewable sources (MWh)**

0

**(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)**

0

*[Fixed row]*

**(7.30.11) Provide details on electricity, heat, steam, and cooling your organization has generated and consumed for chemical production activities.**

### **Electricity**

**(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)**

93308

**(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)**

93308

**(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)**

311

**(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)**

0

## Heat

**(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)**

0

**(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)**

0

**(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)**

0

**(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)**

0

## Steam

**(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)**

1531511

**(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)**

1531511

**(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)**

0

**(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)**

0

### **Cooling**

**(7.30.11.1) Total gross generation inside chemicals sector boundary (MWh)**

0

**(7.30.11.2) Generation that is consumed inside chemicals sector boundary (MWh)**

0

**(7.30.11.3) Generation from renewable sources inside chemical sector boundary (MWh)**

0

**(7.30.11.4) Generation from waste heat/gases recovered from processes using fuel feedstocks inside chemical sector boundary (MWh)**

0

*[Fixed row]*

**(7.30.14) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in 7.7.**

### **Row 1**

**(7.30.14.1) Country/area**

*Select from:*

Belgium

#### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Wind

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

181.34

#### (7.30.14.6) Tracking instrument used

Select from:

GO

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Belgium

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

## (7.30.14.10) Comment

Renewable electricity consumed at St. Niklaas Building & Infrastructure (Wavin). Certificate of origin provided by ENGIE.

### Row 2

## (7.30.14.1) Country/area

Select from:

Brazil

## (7.30.14.2) Sourcing method

Select from:

Unbundled procurement of energy attribute certificates (EACs)

## (7.30.14.3) Energy carrier

Select from:

Electricity

## (7.30.14.4) Low-carbon technology type

Select from:

Large hydropower (>25 MW)

## (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

73055

## (7.30.14.6) Tracking instrument used

Select from:

I-REC

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Brazil

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

### (7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2016

### (7.30.14.10) Comment

*Renewable electricity consumed at Joinville Gloria, Joinville Floresta, Ribeirao das Neves, Suape Brasil, Sumare and Sao Jose dos Campos Building & Infrastructure (Wavin). Certificate of origin provided by Instituto TOTUM.*

### Row 3

### (7.30.14.1) Country/area

Select from:

Brazil

### (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:

- Large hydropower (>25 MW)

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

36159

#### (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:

- Brazil

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

#### (7.30.14.10) Comment

*Renewable electricity consumed at Joinville Gloria, Joinville Floresta, Ribeirao das Neves, Suape Brasil, Sumare and Sao Jose dos Campos Building & Infrastructure (Wavin) & Ribeirao Preto Precision Agriculture (Netafim). Contract with the electricity suppliers.*

#### Row 4

#### (7.30.14.1) Country/area

Select from:

- Chile

### (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:

- Large hydropower (>25 MW)

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

1629.15

### (7.30.14.6) Tracking instrument used

Select from:

- I-REC

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

- Chile

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

### (7.30.14.10) Comment

Renewable electricity consumed at Santiago Precision Agriculture (Netafim). Contract with the electricity supplier Enel.

## Row 5

### (7.30.14.1) Country/area

Select from:

Czechia

### (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 :Sustainable biomass & Hydro

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

7751.07

### (7.30.14.6) Tracking instrument used

Select from:

GO

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Czechia

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

No

**(7.30.14.10) Comment**

*Renewable electricity consumed at the following Building & Infrastructure (Wavin) sites: Horni Pocernice and Kostelec nad Labem. Guarantees of origin by OTE.*

**Row 6**

**(7.30.14.1) Country/area**

Select from:

Denmark

**(7.30.14.2) Sourcing method**

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

**(7.30.14.3) Energy carrier**

Select from:

Electricity

**(7.30.14.4) Low-carbon technology type**

Select from:

Wind

**(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

**(7.30.14.6) Tracking instrument used**

Select from:

GO

**(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute**

Select from:

Denmark

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

Yes

**(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**

2022

**(7.30.14.10) Comment**

*Renewable electricity consumed at Hammel Building & Infrastructure (Wavin). Guarantees of Origin by Centrica Energy Trading.*

**Row 7**

**(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:

Renewable energy mix, please specify :Mostly hydropower and wind

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

575.98

### (7.30.14.6) Tracking instrument used

Select from:

GO

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Finland

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

*Renewable electricity consumed at the following Building & Infrastructure (Wavin) sites: Joutsa and Kangasala. Contract with the electricity supplier Nordic Green Energy.*

## Row 8

### (7.30.14.1) Country/area

Select from:

France

### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

Select from:

Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

Large hydropower (>25 MW)

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

10074.63

### (7.30.14.6) Tracking instrument used

Select from:

GO

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

France

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

Yes

**(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**

1977

**(7.30.14.10) Comment**

*Renewable electricity consumed at Varennes Building & Infrastructure (Wavin). Guarantees of Origin by EEX AG.*

**Row 9**

**(7.30.14.1) Country/area**

Select from:

Germany

**(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 :Solar, wind and hydropower



#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

256151.77

#### (7.30.14.6) Tracking instrument used

Select from:

GO

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Germany

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Renewable electricity consumed at Marl Polymer Solutions (Vestolit). Certificate of origin provided by MVV Energie. Renewable electricity consumed at Twist and Westeregeln Building & Infrastructure (Wavin). Certificate of origin provided by EWE VERTRIEB GmbH.*

### Row 10

#### (7.30.14.1) Country/area

Select from:

India

#### (7.30.14.2) Sourcing method

Select from:

Unbundled procurement of energy attribute certificates (EACs)

### (7.30.14.3) Energy carrier

Select from:

Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

Wind

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

4999.78

### (7.30.14.6) Tracking instrument used

Select from:

I-REC

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

India

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

### (7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2001

### (7.30.14.10) Comment

Renewable electricity consumed at Neemrana (B&I) and Banmore-III Building & Infrastructure (Wavin). Certificate of origin provided by The Green Certificate Company.

## Row 11

### (7.30.14.1) Country/area

Select from:

India

### (7.30.14.2) Sourcing method

Select from:

Purchase from an on-site installation owned by a third party (on-site PPA)

### (7.30.14.3) Energy carrier

Select from:

Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

Solar

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

4686

### (7.30.14.6) Tracking instrument used

Select from:

Contract

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

India

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

*Renewable electricity generated at site by a third party in Hyderabad, Banmore-II & Banmore-II Building & Infrastructure (Wavin), additionally generated at Daman & Halol-3 Polymer Solutions (Alphagary) and Goa Connectivity Solutions(Dura-Line). Supplier is TATA Energy.*

## Row 12

### (7.30.14.1) Country/area

Select from:

India

### (7.30.14.2) Sourcing method

Select from:

Direct line to an off-site generator owned by a third party with no grid transfers (direct line PPA)

### (7.30.14.3) Energy carrier

Select from:

Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Wind & Solar

**(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

1792.42

**(7.30.14.6) Tracking instrument used**

Select from:

Contract

**(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute**

Select from:

India

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

No

**(7.30.14.10) Comment**

*Renewable electricity consumed at Vadodara Building & Infrastructure (Wavin). Contract with the electricity supplier Continuum Wind Energy.*

**Row 13**

**(7.30.14.1) Country/area**

Select from:

Ireland

**(7.30.14.2) Sourcing method**

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

Select from:

Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Wind & Solar

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

3668

### (7.30.14.6) Tracking instrument used

Select from:

GO

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Ireland

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

*Renewable electricity consumed at Balbriggan Building & Infrastructure (Wavin). Certificate of origin provided by Naturgy.*

**Row 14**

#### (7.30.14.1) Country/area

Select from:

Israel

#### (7.30.14.2) Sourcing method

Select from:

Other, please specify :On-site solar generated by community solar panels (Kibbutz) and purchased by Precision Agriculture.

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

5272.23

#### (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:

Israel

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

Renewable electricity purchased at the Precision Agriculture (Netafim) sites in Hatzerim, Magal and Yiftach (Israel), from solar panels owned by the Kibbutz.

### Row 16

### (7.30.14.1) Country/area

Select from:

Italy

### (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)

5984.04

### (7.30.14.6) Tracking instrument used



Select from:

GO

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Italy

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Renewable electricity consumed at S.M. Maddalena Building & Infrastructure (Wavin). Guarantees of Origin by Gestore Servizi Energetici (GSE).*

### Row 17

#### (7.30.14.1) Country/area

Select from:

Mexico

#### (7.30.14.2) Sourcing method

Select from:

Unbundled procurement of energy attribute certificates (EACs)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Wind

**(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

34679.65

**(7.30.14.6) Tracking instrument used**

Select from:

I-REC

**(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute**

Select from:

Mexico

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

Yes

**(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)**

2016

**(7.30.14.10) Comment**

*Renewable electricity consumed at Rioverde Fluor & Energy Materials (Koura), Altamira I Compuestos Polymer Solutions (Alphagary), León Building & Infrastructure (Wavin) and Reynosa Precision Agriculture (Netafim). Certificate of origin provided by Sociedad Mexicana de Normalización y Certificación, S.C.*

**Row 18**

**(7.30.14.1) Country/area**

Select from:

Netherlands

#### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Wind & Solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

21269.87

#### (7.30.14.6) Tracking instrument used

Select from:

GO

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Netherlands

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

*Renewable electricity consumed at Hardenberg Building & Infrastructure (Wavin). Certificate of origin provided by ENGIE. Renewable electricity consumed at Rucphen Precision Agriculture (Netafim). Certificate of origin provided by AFS Energy B.V.*

### Row 19

#### (7.30.14.1) Country/area

Select from:

Netherlands

#### (7.30.14.2) Sourcing method

Select from:

Purchase from an on-site installation owned by a third party (on-site PPA)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

1515.35

#### (7.30.14.6) Tracking instrument used

Select from:

Contract

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Netherlands

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Renewable electricity generated at Hardenberg Building & Infrastructure (Wavin) and Wateringen Precision Agriculture (Netafim). Contract with the electricity supplier Same Energy B.V.*

### Row 20

#### (7.30.14.1) Country/area

Select from:

Poland

#### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Wind & Solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

36997.48

#### (7.30.14.6) Tracking instrument used

Select from:

GO

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Poland

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Renewable electricity consumed at Sochaczew Precision Agriculture (Netafim), Buk and Strzelin Building & Infrastructure (Wavin). Certificate of origin provided by Towarową Giełdę Energii S.A.*

### Row 21

#### (7.30.14.1) Country/area

Select from:

Poland

### (7.30.14.2) Sourcing method

Select from:

- Purchase from an on-site installation owned by a third party (on-site PPA)

### (7.30.14.3) Energy carrier

Select from:

- Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

- Solar

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

189.6

### (7.30.14.6) Tracking instrument used

Select from:

- Contract

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

- Poland

### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

- No

### (7.30.14.10) Comment

Renewable electricity generated at site by a third party in Buk Building & Infrastructure (Wavin). Supplier is SolarAccess Energy Europe BV.

## Row 22

### (7.30.14.1) Country/area

Select from:

Spain

### (7.30.14.2) Sourcing method

Select from:

Retail supply contract with an electricity supplier (retail green electricity)

### (7.30.14.3) Energy carrier

Select from:

Electricity

### (7.30.14.4) Low-carbon technology type

Select from:

Renewable energy mix, please specify :Wind & Solar

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

1807.7

### (7.30.14.6) Tracking instrument used

Select from:

GO

### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute



Select from:

Spain

**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

No

**(7.30.14.10) Comment**

*Renewable electricity consumed at Valencia Precision Agriculture (Netafim). Contract with the electricity supplier Nexus Energía.*

**Row 23**

**(7.30.14.1) Country/area**

Select from:

Spain

**(7.30.14.2) Sourcing method**

Select from:

Purchase from an on-site installation owned by a third party (on-site PPA)

**(7.30.14.3) Energy carrier**

Select from:

Electricity

**(7.30.14.4) Low-carbon technology type**

Select from:

Solar

**(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)**

**(7.30.14.6) Tracking instrument used**

Select from:

 Contract**(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute**

Select from:

 Spain**(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?**

Select from:

 No**(7.30.14.10) Comment**

*Renewable electricity generated at site by a third party in Valencia Precision Agriculture (Netafim). Supplier Nexus Energía.*

**Row 24****(7.30.14.1) Country/area**

Select from:

 Sweden**(7.30.14.2) Sourcing method**

Select from:

 Retail supply contract with an electricity supplier (retail green electricity)**(7.30.14.3) Energy carrier**

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Large hydropower (>25 MW)

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

8179.42

#### (7.30.14.6) Tracking instrument used

Select from:

GO

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Sweden

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Renewable electricity consumed at Eskilstuna Building & Infrastructure (Wavin). Contract with the electricity supplier SEVAB Strängnäs Energi.*

**Row 25**

#### (7.30.14.1) Country/area

Select from:

Sweden

#### (7.30.14.2) Sourcing method

Select from:

Purchase from an on-site installation owned by a third party (on-site PPA)

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

762.56

#### (7.30.14.6) Tracking instrument used

Select from:

Contract

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Sweden

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

### (7.30.14.10) Comment

Renewable electricity generated at site by a third party in Eskilstuna Building & Infrastructure (Wavin). Supplier is SolarAccess Energy Europe BV.

### Row 26

### (7.30.14.1) Country/area

Select from:

Turkey

### (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:

Large hydropower (>25 MW)

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

19361.7

### (7.30.14.6) Tracking instrument used

Select from:

I-REC

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Turkey

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

#### (7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2013

#### (7.30.14.10) Comment

*Renewable electricity consumed at Adana W Building & Infrastructure (Wavin). Certificate of origin provided by ENERJISA TOROSLAR ELEKTRIK PERAKENDE SATIS AS.*

### Row 27

#### (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 :Wind & Solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

44746.06

#### (7.30.14.6) Tracking instrument used

Select from:

REGO

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

United Kingdom of Great Britain and Northern Ireland

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Renewable electricity consumed at Melton Mowbray Polymer Solutions (Alphagary), Chippenham, Doncaster, Forest Works and Hazlehead Building & Infrastructure (Wavin). Renewable Energy Guarantees of Origin (REGO) by E.ON*

### Row 28

#### (7.30.14.1) Country/area

Select from:

United States of America

#### (7.30.14.2) Sourcing method

Select from:

Other, please specify :On-site owned generation

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

898.64

#### (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

### (7.30.14.10) Comment

*Renewable electricity generated at site in Fresno Precision Agriculture (Netafim).*

### Row 29

### (7.30.14.1) Country/area

*Select from:*

Colombia

### (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:*

Large hydropower (>25 MW)

### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

41657.11

### (7.30.14.6) Tracking instrument used

*Select from:*

I-REC

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Colombia

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

#### (7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

1992

#### (7.30.14.10) Comment

*Renewable electricity consumed at Pavco Bogotá Tubosistemas, Pavco Bogotá Geosistemas, Guachené Tubosistemas and Guachené Geosistemas Building & Infrastructure (Wavin). Supplier and certificates provided by Enel.*

### Row 30

#### (7.30.14.1) Country/area

Select from:

Colombia

#### (7.30.14.2) Sourcing method

Select from:

Other, please specify :On-site owned solar panels

#### (7.30.14.3) Energy carrier

Select from:

Electricity

#### (7.30.14.4) Low-carbon technology type

Select from:

Solar

#### (7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

65.17

#### (7.30.14.6) Tracking instrument used

Select from:

No instrument used

#### (7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

Colombia

#### (7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

No

#### (7.30.14.10) Comment

*Renewable electricity generated at site in Cartagena Resinas Polymer Solutions (Vestolit).*

[Add row]

**(7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.**

## Argentina

### (7.30.16.1) Consumption of purchased electricity (MWh)

9688.95

### (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)

9688.95

## Australia

### (7.30.16.1) Consumption of purchased electricity (MWh)

2542.71

### (7.30.16.2) Consumption of self-generated electricity (MWh)

0

### (7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

0

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

2542.71

**Belgium**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

181.34

**(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)**

181.34

**Brazil**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

109214.64

**(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)**

109214.64

**Canada**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

19897.08

**(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)**

19897.08

## Chile

### (7.30.16.1) Consumption of purchased electricity (MWh)

2094

### (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)

2094.00

## China

### (7.30.16.1) Consumption of purchased electricity (MWh)

4131.84

### (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)**

4131.84

## **Colombia**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

102396.15

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

65.17

**(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)**

102461.32

## **Costa Rica**

**(7.30.16.1) Consumption of purchased electricity (MWh)**



13710.66

**(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)**

13710.66

**Czechia**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

12430.38

**(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)**

12430.38

**Denmark**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

11016.36

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

2060

**(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)**

13076.36

**Ecuador**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

18788.16

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

0

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

18788.16

**Finland**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

575.98

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

649.96

**(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)**

1225.94

**France**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

12728.75

**(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)**

12728.75

**Germany**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

587671.31

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

1435788.79

**(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)**

2023460.10

**Guatemala**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

11334.91

**(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)**

11334.91

**Hungary**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

4654

**(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)**

4654.00

**India**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

67296.9

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

4685.78

**(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)**

71982.68

## Ireland

### (7.30.16.1) Consumption of purchased electricity (MWh)

3668

### (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)

3668.00

## Israel

### (7.30.16.1) Consumption of purchased electricity (MWh)

39362.12

### (7.30.16.2) Consumption of self-generated electricity (MWh)

5272.23

### (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)**

44634.35

**Italy**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

5984.04

**(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)**

5984.04

**Japan**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

10050.59



**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

0

**(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)**

0

**(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)**

10050.59

**Mexico**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

988537.7

**(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)**

988537.70

## Morocco

### (7.30.16.1) Consumption of purchased electricity (MWh)

1874.6

### (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)

1874.60

## Netherlands

### (7.30.16.1) Consumption of purchased electricity (MWh)

21344.82

### (7.30.16.2) Consumption of self-generated electricity (MWh)

1515.35

### (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)**

22860.17

## **Oman**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

3495.82

**(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)**

3495.82

## **Peru**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

29922.99

**(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)**

29922.99

**Poland**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

36997.48

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

189.6

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

3164.22

**(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)**

40351.30

**South Africa**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

1531.75

**(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)**

1531.75

**Spain**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

1807.7

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

434.59

**(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)**

2242.29

**Sweden**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

8179.42

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

762.56

**(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)**

8941.98

**Turkey**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

33704.3

**(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)**

33704.30

**United Kingdom of Great Britain and Northern Ireland**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

52293.85

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

0

**(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)**

6997.43

**(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)**

59291.28

**United States of America**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

256257.38

**(7.30.16.2) Consumption of self-generated electricity (MWh)**

898.64

**(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)**

257156.02

**Venezuela (Bolivarian Republic of)**

**(7.30.16.1) Consumption of purchased electricity (MWh)**

1688.13

**(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)**

1688.13  
[Fixed row]

**(7.39) Provide details on your organization's chemical products.**

**Row 1**

**(7.39.1) Output product**

Select from:

Other, please specify :Chemical products from chemical sites

**(7.39.2) Production (metric tons)**

5765776

**(7.39.3) Capacity (metric tons)**

10061200

**(7.39.4) Direct emissions intensity (metric tons CO2e per metric ton of product)**

0.088

**(7.39.5) Electricity intensity (MWh per metric ton of product)**

0.3

**(7.39.6) Steam intensity (MWh per metric ton of product)**

0.1

**(7.39.7) Steam/ heat recovered (MWh per metric ton of product)**

0

**(7.39.8) Comment**

*These data is calculated for Orbia's chemical Business Groups: Fluor & Energy Materials (Koura) and Polymer Solutions (Vestolit and Alphagary)  
[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**

0.211

**(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)**

1449815

**(7.45.3) Metric denominator**

Select from:

metric ton of product

#### (7.45.4) Metric denominator: Unit total

6886989

#### (7.45.5) Scope 2 figure used

Select from:

Market-based

#### (7.45.6) % change from previous year

1.7

#### (7.45.7) Direction of change

Select from:

Decreased

#### (7.45.8) Reasons for change

Select all that apply

Change in renewable energy consumption

Change in output

#### (7.45.9) Please explain

*Orbia's Scope 1&2 decreased by 10% from 2022 to 2023, mainly due to increased consumption of certified renewable electricity and general transition to cleaner energy grids in the regions where we operate. On the other hand, our production also decreased 8%, mainly due to changes in the market. These factors combined have resulted in a small decrease of intensity per metric ton of product (-1.7%).*

### Row 2

#### (7.45.1) Intensity figure

0.177

### (7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

1449815

### (7.45.3) Metric denominator

Select from:

unit total revenue

### (7.45.4) Metric denominator: Unit total

8204000

### (7.45.5) Scope 2 figure used

Select from:

Market-based

### (7.45.6) % change from previous year

6

### (7.45.7) Direction of change

Select from:

Increased

### (7.45.8) Reasons for change

Select all that apply

Change in renewable energy consumption

Change in revenue

### (7.45.9) Please explain

Orbia's revenues decreased by 15% from 2022 to 2023, mainly due to market changes. On the other hand, our Scope 1 & 2 emissions decreased 10%, mainly due to increased consumption of certified renewable electricity and general transition to cleaner energy grids in the regions where we operate. These factors combined (mainly lower revenue) have resulted in a higher intensity per unit of revenue (million USD).  
[Add row]

## (7.52) Provide any additional climate-related metrics relevant to your business.

### Row 1

#### (7.52.1) Description

Select from:

Energy usage

#### (7.52.2) Metric value

0.95

#### (7.52.3) Metric numerator

Energy from Scope 1 and Scope 2 in MWh

#### (7.52.4) Metric denominator (intensity metric only)

Total production in metric tons

#### (7.52.5) % change from previous year

1.1

#### (7.52.6) Direction of change

Select from:

Increased

## (7.52.7) Please explain

*Orbia's gross energy consumption decreased by 8% from 2022 to 2023, and on the other hand, our production also decreased 8%. Both decreases are explained by changes in the market. These factors combined have resulted in a small increase of intensity per metric ton of product (1.1%).*

## Row 2

### (7.52.1) Description

Select from:

Waste

### (7.52.2) Metric value

1.54

### (7.52.3) Metric numerator

*Total waste disposed in Kg*

### (7.52.4) Metric denominator (intensity metric only)

*Total production in metric tons*

### (7.52.5) % change from previous year

40.4

### (7.52.6) Direction of change

Select from:

Decreased

### (7.52.7) Please explain

*This positive result is mainly explained by total waste disposed decreasing by 45% from 2022 to 2023, mainly due to our focus on diverting waste from landfill and an increasing number of plants in zero waste to landfill status (97/136 sites in 2023).*

[Add row]

## **(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.**

### **Row 1**

#### **(7.53.1.1) Target reference number**

Select from:

Abs 1

#### **(7.53.1.2) Is this a science-based target?**

Select from:

Yes, and this target has been approved by the Science Based Targets initiative

#### **(7.53.1.3) Science Based Targets initiative official validation letter**

*ORBI-MEX-001-OFF Certificate.pdf*

#### **(7.53.1.4) Target ambition**

Select from:

1.5°C aligned

#### **(7.53.1.5) Date target was set**

*12/31/2020*

#### **(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

12/31/2019

### (7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

651646

### (7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

1354235



**(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)**

2005881.000

**(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**

12/31/2030

**(7.53.1.55) Targeted reduction from base year (%)**

47

**(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)**

1063116.930

**(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)**

536915

### (7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

912900

### (7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

1449815.000

### (7.53.1.78) Land-related emissions covered by target

Select from:

No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

### (7.53.1.79) % of target achieved relative to base year

58.98

### (7.53.1.80) Target status in reporting year

Select from:

Underway

### (7.53.1.82) Explain target coverage and identify any exclusions

*Our SBT Scope 1 & 2 carbon target covers 100% of Orbia's global emission based on operational control. We have announced 47% reduction of our Scope 1 & 2 emissions by 2030. We are proud to announce that the Science Based Targets initiative (SBTi) validated our near-term targets to reduce Scope 1 and 2 GHG emissions 47% by 2030 (from a 2019 base year) and our Scope 3 GHG emissions from use of and end of life treatment of sold products by 30% within the same timeframe.*

### (7.53.1.83) Target objective

*Climate change is one of the greatest challenges the global community will ever face, presenting both risks and opportunities for our business. Through Orbia's Climate Action Framework we are focused on addressing climate risks and opportunities from an operational perspective, delivering low-carbon and solutions for climate resilience, investing in climate tech, as well as fostering a culture of collaboration and innovation.*

### (7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

We aim to achieve meaningful Climate Action across three fronts: low impact and resilient operations, sustainable solutions for advancing a climate resilient economy, and driving new businesses for a net zero world. Our main actions to reach our goal are condensed in 3 large fronts: 1. Optimizing processes to drive efficiency. 2. Transitioning to renewables and lower carbon energy sources. 3. Exploring carbon capture and hydrogen investment opportunities. Also, to accelerate progress towards our goals, Orbia has established a Decarbonization working group to identify value-adding partnerships between business groups and functions for implementation of high impact GHG reduction projects. More information in our Sustainability Report. In 2023 we reduced our Scope 1&2 carbon footprint by 28% vs baseline year. This was achieved through process optimization projects, transitioning to renewables and lower carbon energy sources.

### (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

[ORBI-MEX-001-OFF Certificate.pdf](#)

### (7.53.1.4) Target ambition

Select from:

Well-below 2°C aligned

### (7.53.1.5) Date target was set

12/31/2020

### (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 3

### (7.53.1.10) Scope 3 categories

Select all that apply

- Scope 3, Category 11 – Use of sold products
- Scope 3, Category 12 – End-of-life treatment of sold products

### (7.53.1.11) End date of base year

12/31/2019

### (7.53.1.24) Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)

27908251

**(7.53.1.25) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)**

56881830

**(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)**

84790081.000

**(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)**

84790081.000

**(7.53.1.45) Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)**

100

**(7.53.1.46) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)**

100

**(7.53.1.52) Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)**

89.3

**(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes**

89.3

**(7.53.1.54) End date of target**

12/31/2030

**(7.53.1.55) Targeted reduction from base year (%)**

30

**(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)**

59353056.700

**(7.53.1.69) Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)**

22694566

**(7.53.1.70) Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)**

45508131

**(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)**

68202697.000

**(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)**

68202697.000

**(7.53.1.78) Land-related emissions covered by target**

Select from:

No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

**(7.53.1.79) % of target achieved relative to base year**

65.21

### (7.53.1.80) Target status in reporting year

Select from:

Underway

### (7.53.1.82) Explain target coverage and identify any exclusions

*Our SBT Scope 3 carbon target covers 100% of Orbia's global emissions on use-phase and end-of-life treatment of our products (categories 11 & 12). We have announced 30% reduction of our Scope 3 Category 11 and 12 by 2030. We are proud to announce that the Science Based Targets initiative (SBTi) validated our near-term targets to reduce Scope 1 and 2 GHG emissions 47% by 2030 (from a 2019 base year) and our Scope 3 GHG emissions from use of and end of life treatment of sold products by 30% within the same timeframe.*

### (7.53.1.83) Target objective

*Climate change is one of the greatest challenges the global community will ever face, presenting both risks and opportunities for our business. Through Orbia's Climate Action Framework we are focused on addressing climate risks and opportunities from an operational perspective, delivering low-carbon and solutions for climate resilience, investing in climate tech, as well as fostering a culture of collaboration and innovation.*

### (7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

*To achieve our Scope 3 goal, we plan to replace our sales portfolio of our higher Global Warming Potential (GWP) refrigerants and propellants (mainly R-134a), with lower GWP alternatives. Many of these Leapfrog Refrigerants (LFRs) are currently on the market with others undergoing evaluation and testing by customers. We aim to increase our production capacity of the LFRs while we engage our current and potential customers. Our goal is to increase LFR market share while at the same time reducing the amount of high GWP sold in the market. These activities will enable Orbia to achieve its Scope 3 target for reducing 30% of GHG emissions from Categories 11 & 12 by 2030. In 2023 we reduced our Scope 3 carbon footprint by 20% vs baseline year (Categories 11 & 12). This was achieved mainly due to our strategy to transform the refrigerants portfolio of mid Global Warming Potential (GWP) refrigerants and propellants (mainly R-134a) to low GWP alternatives.*

### (7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

No

[Add row]

### (7.54.2) Provide details of any other climate-related targets, including methane reduction targets.

## Row 1

### (7.54.2.1) Target reference number

Select from:

Oth 1

### (7.54.2.2) Date target was set

12/31/2020

### (7.54.2.3) Target coverage

Select from:

Organization-wide

### (7.54.2.4) Target type: absolute or intensity

Select from:

Absolute

### (7.54.2.5) Target type: category & Metric (target numerator if reporting an intensity target)

#### Waste management

Percentage of sites operating at zero-waste to landfill

### (7.54.2.7) End date of base year

12/31/2019

### (7.54.2.8) Figure or percentage in base year

28



#### (7.54.2.9) End date of target

12/31/2025

#### (7.54.2.10) Figure or percentage at end of date of target

100

#### (7.54.2.11) Figure or percentage in reporting year

71

#### (7.54.2.12) % of target achieved relative to base year

59.7222222222

#### (7.54.2.13) Target status in reporting year

Select from:

Underway

#### (7.54.2.15) Is this target part of an emissions target?

*As stated by the GHG Protocol, Scope 3 - Category 5 emissions are related to waste disposed. Progress to reach our Zero Waste To Landfill target will lead to a reduction in indirect GHG emissions.*

#### (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

*The target was developed internally following discussions with stakeholders in our different business groups, and it covers all of our active production facilities in the reporting year. Regarding the exclusions, this target does not consider waste generated from special projects (Non-related to production, for example: construction, demolition, excavation. etc.).*

### (7.54.2.19) Target objective

*Our approach to waste is focused on reducing the amount of hazardous and non-hazardous waste generated at the source, sending zero waste to landfill and promoting circularity principles.*

### (7.54.2.20) Plan for achieving target, and progress made to the end of the reporting year

*For the 2022-2023 period, we moved from 43% to 71% of Orbia sites compliant with our Zero Waste to landfill standard, meaning that maximum 10% of their total waste is being sent to landfill. The plan to achieve the target includes efforts to reduce waste at the source and consolidate partnerships with waste management companies that can support the process of identifying diversion solutions. Overall, waste generated on a per ton basis has been consistently decreasing, and our absolute volume of process related waste to landfill or incinerated without energy recovery was 45% lower in 2023 than in 2022.*

*[Add row]*

### (7.54.3) Provide details of your net-zero target(s).

#### Row 1

#### (7.54.3.1) Target reference number

Select from:

NZ1

#### (7.54.3.2) Date target was set

12/31/2020

#### (7.54.3.3) Target Coverage

Select from:

Organization-wide

#### (7.54.3.4) Targets linked to this net zero target

Select all that apply

Abs1

### (7.54.3.5) End date of target for achieving net zero

12/31/2050

### (7.54.3.6) Is this a science-based target?

Select from:

Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

### (7.54.3.8) Scopes

Select all that apply

- Scope 1
- Scope 2

### (7.54.3.9) Greenhouse gases covered by target

Select all that apply

- Methane (CH<sub>4</sub>)
- Nitrous oxide (N<sub>2</sub>O)
- Carbon dioxide (CO<sub>2</sub>)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Sulphur hexafluoride (SF<sub>6</sub>)
- Nitrogen trifluoride (NF<sub>3</sub>)

### (7.54.3.10) Explain target coverage and identify any exclusions

*Our Net-Zero Scope 1 & 2 carbon target covers 100% of Orbia's global emission based on operational control. We have announced 47% reduction of our Scope 1 & 2 by 2030. This is a Science Based Target aligned with the 1.5C scenario, and approved by the SBTi committee. We consider this to be halfway milestone on the longer journey to achieve net-zero emissions by 2050.*

### (7.54.3.11) Target objective

Climate change is one of the greatest challenges the global community will ever face, presenting both risks and opportunities for our business. Through Orbia's Climate Action Framework we are focused on addressing climate risks and opportunities from an operational perspective, delivering low-carbon and solutions for climate resilience, investing in climate tech, as well as fostering a culture of collaboration and innovation.

#### (7.54.3.12) Do you intend to neutralize any residual emissions with permanent carbon removals at the end of the target?

Select from:

Unsure

#### (7.54.3.13) Do you plan to mitigate emissions beyond your value chain?

Select from:

No, and we do not plan to within the next two years

#### (7.54.3.17) Target status in reporting year

Select from:

Underway

#### (7.54.3.19) Process for reviewing target

Orbia has defined a roadmap that outlines the instruments needed for accelerating our path to net-zero, in line with our near-term targets to reduce Scope 1 & 2 GHG emissions validated by the Science-Based Targets Initiative. Our roadmap includes replacing fossil-based electricity sources with renewables, phasing out coal-powered equipment, increasing energy efficiency and investing in efforts to transition and incorporate the use of hydrogen and carbon-capture technologies in our operations. This is a work in progress that will incorporate growth in future versions. Committing to a net-zero pathway requires innovative thinking and continuous improvement in our production practices. As part of our company's transformation, we are taking on the massive challenge of decarbonization as we balance growth and profitability.

[Add row]

**(7.55.1) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.**

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	3	`Numeric input
To be implemented	10	105800
Implementation commenced	2	3000
Implemented	15	77500
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

Lighting

#### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

0

#### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

Scope 2 (location-based)

Scope 2 (market-based)

#### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

#### (7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

38206

#### (7.55.2.6) Investment required (unit currency – as specified in C0.4)

181625

#### (7.55.2.7) Payback period

Select from:

1-3 years

#### (7.55.2.8) Estimated lifetime of the initiative

Select from:

11-15 years

#### (7.55.2.9) Comment

*These figures correspond to an investment at one of our facilities in Poland to replace conventional lighting for LED. No CO2e savings are reported as the site is already consuming zero-emission purchased renewable electricity.*

### Row 2

#### (7.55.2.1) Initiative category & Initiative type

**Energy efficiency in production processes**

Compressed air

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

113

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

*Select all that apply*

- Scope 2 (location-based)
- Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

*Select from:*

- Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

48084

### (7.55.2.6) Investment required (unit currency – as specified in C0.4)

48111

### (7.55.2.7) Payback period

*Select from:*

- 1-3 years

### (7.55.2.8) Estimated lifetime of the initiative

*Select from:*

- 11-15 years

### (7.55.2.9) Comment

These figures correspond to an investment at two of our facilities in Japan and Ecuador to replace a conventional compressor for a more efficient one and an optimization process to reduce the demand for compressed air.

### Row 3

#### (7.55.2.1) Initiative category & Initiative type

##### Energy efficiency in production processes

Cooling technology

#### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

0

#### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

Scope 2 (location-based)

Scope 2 (market-based)

#### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

#### (7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

50120

#### (7.55.2.6) Investment required (unit currency – as specified in C0.4)

195958

#### (7.55.2.7) Payback period



Select from:

1-3 years

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

11-15 years

### (7.55.2.9) Comment

*These figures correspond to an investment at two of our facilities in Czech Republic to install "Free cooling" systems. No CO2e savings are reported as the site is already consuming zero-emission purchased renewable electricity.*

## Row 4

### (7.55.2.1) Initiative category & Initiative type

#### Energy efficiency in production processes

Machine/equipment replacement

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

0

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

Scope 2 (location-based)

Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

25383

### (7.55.2.6) Investment required (unit currency – as specified in C0.4)

561288

### (7.55.2.7) Payback period

Select from:

1-3 years

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

16-20 years

### (7.55.2.9) Comment

*These figures correspond to an investment at one of our facilities in Sweden to acquire two new extruder lines with more efficient head engines than the usual ones. No CO<sub>2</sub>e savings are reported as the site is already consuming zero-emission purchased renewable electricity.*

## Row 5

### (7.55.2.1) Initiative category & Initiative type

**Low-carbon energy consumption**

Low-carbon electricity mix

### (7.55.2.2) Estimated annual CO<sub>2</sub>e savings (metric tonnes CO<sub>2</sub>e)

67500

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

Select from:

Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

0

### (7.55.2.6) Investment required (unit currency – as specified in C0.4)

3500000

### (7.55.2.7) Payback period

Select from:

No payback

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

>30 years

### (7.55.2.9) Comment

*This reduction corresponds to all the emissions avoided by claiming certified sourcing of renewable zero emission electricity during 2023. Financial figures, payback period and lifetime of initiative are not comprehensive and were estimated based on average renewable electricity sourcing prices across our organization.*

**Row 6**

### (7.55.2.1) Initiative category & Initiative type

#### Energy efficiency in production processes

- Process optimization

### (7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

9795

### (7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

*Select all that apply*

- Scope 1
- Scope 2 (location-based)
- Scope 2 (market-based)

### (7.55.2.4) Voluntary/Mandatory

*Select from:*

- Voluntary

### (7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

331823

### (7.55.2.6) Investment required (unit currency – as specified in C0.4)

862384

### (7.55.2.7) Payback period

*Select from:*

- 1-3 years

### (7.55.2.8) Estimated lifetime of the initiative

Select from:

11-15 years

### (7.55.2.9) Comment

*These figures correspond to several process optimization initiatives implemented at seven of our facilities across the world, which resulted in lower energy consumption (both electricity and fuel consumptions). Some initiatives were: acquisition of more energy-efficient machinery and equipment, installation of saving systems and specific process optimization initiatives at key facilities. Financial figures, payback period and lifetime of initiative are not comprehensive and were estimated based on average data across our organization.*

[Add row]

## (7.55.3) What methods do you use to drive investment in emissions reduction activities?

### Row 1

#### (7.55.3.1) Method

Select from:

Dedicated budget for energy efficiency

#### (7.55.3.2) Comment

*We are currently working on defining a percentage of our annual capital budget to be dedicated to energy efficiency. Orbia Corporate is continuously identifying how to enable de-carbonization, while also removing bottlenecks, leaving the specific projects, actions, etc. to the business unit discretion, in such a way that they chose the most cost-effective and emission reduction effective tools.*

### Row 2

#### (7.55.3.1) Method

Select from:

Dedicated budget for other emissions reduction activities

### (7.55.3.2) Comment

*Every year, BGs are asked to allocate a specific budget dedicated to emission reduction initiatives and other sustainability related projects. Orbia Corporate, also reserves some budget for cross-business decarbonization initiatives. Orbia Corporate is continuously identifying how to enable de-carbonization, while also removing bottlenecks, leaving the specific projects, actions, etc. to the business unit discretion, in such a way that they chose the most cost-effective and emission reduction effective tools.*

### Row 3

### (7.55.3.1) Method

Select from:

Internal incentives/recognition programs

### (7.55.3.2) Comment

*All Senior Manager roles and above now have an ESG modifier in their compensation. Achieving emission and waste reductions can impact -10% of their annual bonus. Emissions reduction targets have also been added to performance goals of several relevant positions within the different Orbia business groups. In addition, HSE and energy-related positions are regularly evaluated based on their site efficiency performance and their variable compensation is impacted accordingly. Orbia Corporate is continuously identifying how to enable de-carbonization, while also removing bottlenecks, leaving the specific projects, actions, etc. to the business unit discretion, in such a way that they chose the most cost-effective and emission reduction effective tools.*

### Row 4

### (7.55.3.1) Method

Select from:

Compliance with regulatory requirements/standards

### (7.55.3.2) Comment

*Our sites in the EU either fall under the ETS or have the ISO 50001 or are subject to the Energy Efficiency directive. In these cases, the sites have the necessary action plan, budgets and responsibility to set and meet the reduction targets as prescribed by their systems. In addition, Orbia continuously reviews evolving requirements and regulations to make sure the necessary actions to be compliant are executed; an example of this are the prep sessions to meet CSRD and CBAM requirements in the EU. Orbia Corporate is continuously identifying how to enable de-carbonization, while also removing bottlenecks, leaving the specific projects, actions, etc. to the business unit discretion, in such a way that they chose the most cost-effective and emission reduction effective tools.*

[Add row]

## (7.74.1) Provide details of your products and/or services that you classify as low-carbon products.

### Row 1

#### (7.74.1.1) Level of aggregation

Select from:

- Group of products or services

#### (7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

- Other, please specify :Products or services that result in fewer net carbon emissions than alternative products. It also considers processes or technologies that produce substantially lower amounts of greenhouse gas emissions than conventional methods.

#### (7.74.1.3) Type of product(s) or service(s)

##### Other

- Other, please specify :Low GWP refrigerants and propellants.

#### (7.74.1.4) Description of product(s) or service(s)

*In 2023, Fluor & Energy Materials (Koura) introduced R-444A as a new direct replacement for R-1234YF in the automotive aftermarket refrigerants. It offers a more cost-effective and sustainable option with a lower global warming potential (higher performance and efficiency than R-1234 according to third-party test data), complying with current and future U.S. environmental regulations limiting GWPs above 150. Fluor & Energy Materials (Koura) offers an environmentally friendly medical propellant HFA 152a, known for its low GWP (F-Gas AR4 124). It enables pharmaceutical companies to meet commercial product timelines for 2025/2026. Collaborating with Kindeva Drug Delivery, we are supporting the transition of their inhaler portfolio to Zephex 152a. Even if we are able to estimate benefits such as energy and CO2 savings for some of our products, we do not have reliable data to provide estimated avoided emissions per year. This is due to the variety and complexity of the usage of our products. We are working on improving our understanding of the overall carbon footprint of our products through a lifecycle analysis approach to be able to provide more data.*

#### (7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

No

### (7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

1

## Row 4

### (7.74.1.1) Level of aggregation

Select from:

Group of products or services

### (7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

Other, please specify :Products, services or technologies that address the growing demand for energy while minimizing effects on the environment.

### (7.74.1.3) Type of product(s) or service(s)

#### Other

Other, please specify :Indoor climate solutions for improved energy efficiency and low temperature fusion resins.

### (7.74.1.4) Description of product(s) or service(s)

*Building & Infrastructure (Wavin) Sentio's product ability to monitor, adjust and maintain an optimal temperature throughout buildings ensures comfort while minimizing energy consumption (saving up to 21% of energy by using zone control, up to 20% by using underfloor heating instead of radiators and up to 34% in cooling versus air conditioning). Our Polymer Solutions (Vestolit) resins portfolio includes low temperature fusion resins, which allow lower processing (fusion) temperature, resulting in energy saving. These resins exhibit fast fusion at low processing temperatures, resulting in energy savings and the ability to work with heat sensitive substrates.*

### (7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:



No

### (7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

2

## Row 5

### (7.74.1.1) Level of aggregation

Select from:

Group of products or services

### (7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

Other, please specify :Products, services, processes, and technologies that utilize the Earth's limited resources in a sustainable manner while minimizing impacts on the environment.

### (7.74.1.3) Type of product(s) or service(s)

#### Other

Other, please specify :Portfolio with circular, recycled and bio-based products, spanning from precision irrigation systems, water management solutions, urban climate resilience products to cable solutions, geosynthetics, compounds and resins.

### (7.74.1.4) Description of product(s) or service(s)

*Polymer Solutions (Vestolit) developed bio-attributed PVC from postconsumer oil, using renewable energy and carbon capture, achieving 60-90% carbon footprint reductions. Their Vinyl in Motion program recycles PVC from discarded products into compounds for various manufacturing new products, supporting Building & Infrastructure (Wavin) and Polymer Solutions (Alphagary) "Infinitude" portfolio with recycled content. Polymer Solutions (Alphagary) ECO compounds use up to 50% recovered PVC resin and plasticizers from wastewater, easing treatment burdens and used in diverse products. Precision Agriculture (Netafim)'s ReGen AgVantage dripline removal and collection service, is developing driplines with recycled content, in line with 2030 commitment for all driplines to contain at least 45% of recycled content. This service has been certified by SCS Global Services, recognizing growers as Certified Irrigation Plastics Recyclers. Building & Infrastructure (Wavin)'s Recycore PVC Pipes contain at least 40% recycled plastics, maintain high performance, and their Bio-circular PE-RT and PE Pipes are used for underfloor heating and drinking water systems.*

**(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)**

Select from:

No

**(7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year**

15

[Add row]

## C9. Environmental performance - Water security

### (9.1.1) Provide details on these exclusions.

#### Row 1

##### (9.1.1.1) Exclusion

Select from:

Facilities

##### (9.1.1.2) Description of exclusion

*Water data reported by Orbia includes manufacturing sites only (excluding offices, warehouses, distribution centers or other sites). Our material impacts on water come from our manufacturing activities.*

##### (9.1.1.3) Reason for exclusion

Select from:

Water used for internal WASH services

##### (9.1.1.7) Percentage of water volume the exclusion represents

Select from:

1-5%

##### (9.1.1.8) Please explain

*Water data reported by Orbia includes manufacturing sites only (excluding offices, warehouses, distribution centers or other sites). Our material impacts on water come from our manufacturing activities.*

[Add row]

## (9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

### Water withdrawals – total volumes

#### (9.2.1) % of sites/facilities/operations

Select from:

100%

#### (9.2.2) Frequency of measurement

Select from:

Monthly

#### (9.2.3) Method of measurement

*Utility bills and/or direct monitoring.*

#### (9.2.4) Please explain

*All 136 sites monitor water withdrawal and report data through our internal environmental reporting platform ODISEO on a monthly basis. Data is reported from utility bills. Every quarter, data is validated by plant managers who make sure data is reliable. Orbia always strives to reduce our water withdrawal intensity continuously and expects to maintain this trend.*

### 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

*Utility bills and/or direct monitoring.*

### (9.2.4) Please explain

*All 136 sites report water withdrawals on a monthly basis, broken down by source: surface water (including rainwater), groundwater, or from a third party (mostly municipal). Every quarter, data is validated by plant managers who make sure data is reliable. Orbia always strives to reduce our water withdrawal intensity continuously and expects to maintain this trend.*

## Water withdrawals quality

### (9.2.1) % of sites/facilities/operations

Select from:

Less than 1%

### (9.2.2) Frequency of measurement

Select from:

Other, please specify :Data is monitored using different frequencies.

### (9.2.3) Method of measurement

*Direct monitoring.*

### (9.2.4) Please explain

*Water withdrawals quality is not monitored at Corporate level, however, some sites do measure this, as required by the nature of their production process.*

## Water discharges – 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

*Utility bills and/or direct monitoring.*

### (9.2.4) Please explain

*All 136 sites monitor and report their monthly water discharge data based on water utility bills, measuring devices, and in some cases (mostly for those with closed-loop systems), based on estimations. Every quarter, data is validated by plant managers who make sure data is reliable.*

## Water discharges – volumes by destination

### (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

*Utility bills and/or direct monitoring.*

### (9.2.4) Please explain

All 136 sites report water discharges, on a monthly basis, broken down by destination: surface water, seawater, groundwater and to a third party (mostly municipal systems). Every quarter, data is validated by plant managers who make sure data is reliable.

## Water discharges – volumes by treatment method

### (9.2.1) % of sites/facilities/operations

Select from:

Not relevant

### (9.2.4) Please explain

Water discharges by treatment method are currently not reported at Corporate Level, but are monitored at site level where applicable.

## Water discharge quality – by standard effluent parameters

### (9.2.1) % of sites/facilities/operations

Select from:

Less than 1%

### (9.2.2) Frequency of measurement

Select from:

Other, please specify :Frequency of monitoring depends on local regulations.

### (9.2.3) Method of measurement

Method of measurement depends on local regulations.

### (9.2.4) Please explain

Wastewater discharge quality is strictly governed by local regulations and parameters are set specifically for each watershed. Orbia's operations abide by these local regulations. It is important to note that 75% of our production sites have closed looped water systems, therefore, this indicator is not material at Corporate level. These parameters are mostly applicable to our chemical plants (34 out of 136 operational sites), and are reported annually, in line with local requirements.

## Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)

### (9.2.1) % of sites/facilities/operations

Select from:

- Not relevant

### (9.2.4) Please explain

*Water discharge emissions to water are currently not reported at Corporate Level, but are monitored at site level where applicable.*

## Water discharge quality – temperature

### (9.2.1) % of sites/facilities/operations

Select from:

- Less than 1%

### (9.2.2) Frequency of measurement

Select from:

- Other, please specify :Frequency of monitoring depends on local regulations.

### (9.2.3) Method of measurement

*Method of measurement depends on local regulations.*

### (9.2.4) Please explain

*Water discharge quality by temperature is not monitored at Corporate level, however, some sites measure this parameter, in line with local regulation.*

## 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

*Utility bills and/or direct monitoring.*

### (9.2.4) Please explain

*Consumption is calculated based on withdrawal and discharge data reported by sites on a monthly basis in our internal software for environmental data collection, ODISEO.*

## Water recycled/reused

### (9.2.1) % of sites/facilities/operations

Select from:

Less than 1%

### (9.2.2) Frequency of measurement

Select from:

Other, please specify :Data is monitored using different frequencies.

### (9.2.3) Method of measurement

*Data is calculated using different methodologies.*

### (9.2.4) Please explain

Water recycled or reused is relevant for our Extrusion Business Group sites and for the Mine at Las Cuevas only. This parameter is monitored at local level and since data is calculated using different methodologies, it is not aggregated at Corporate level.

## The provision of fully-functioning, safely managed WASH services to all workers

### (9.2.1) % of sites/facilities/operations

Select from:

Not monitored

### (9.2.4) Please explain

All sites, warehouses and offices have WASH services available to all workers. However, as mentioned before, water data reported by Orbia includes manufacturing sites only (excluding offices, warehouses, distribution centers or other sites).

[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)

14745

#### (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:

Change in accounting methodology

#### (9.2.2.4) Five-year forecast

Select from:

Lower

#### (9.2.2.5) Primary reason for forecast

Select from:

Increase/decrease in efficiency

#### (9.2.2.6) Please explain

*Water withdrawn decreased by 3% compared to previous year. Following a third-party assurance review, from 2023 onwards, water data (both withdrawal and discharges) from a Fluor & Energy Materials (Koura) site in the UK is excluded since the water is consumed by a third-party company within the same industrial complex. This mostly explains the year-on-year variation.*

### Total discharges

#### (9.2.2.1) Volume (megaliters/year)

8524

#### (9.2.2.2) Comparison with previous reporting year

Select from:

Much lower

#### (9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

Change in accounting methodology

#### (9.2.2.4) Five-year forecast

Select from:

Lower

#### (9.2.2.5) Primary reason for forecast

Select from:

Increase/decrease in efficiency

#### (9.2.2.6) Please explain

*Water discharged decreased by 13% compared to previous year. Following a third-party assurance review, from 2023 onwards, water data (both withdrawal and discharges) from a Fluor & Energy Materials (Koura) site in the UK is excluded since the water is discharged by a third-party company within the same industrial complex. This mostly explains the year-on-year variation.*

### Total consumption

#### (9.2.2.1) Volume (megaliters/year)

6221

#### (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:

Change in accounting methodology

#### (9.2.2.4) Five-year forecast

Select from:

Lower

#### (9.2.2.5) Primary reason for forecast

Select from:

Increase/decrease in efficiency

#### (9.2.2.6) Please explain

*Water consumption increased by 16% compared to previous year. This variation is mainly due to the methodology changes explained in both water withdrawal and water discharged, mainly the latter as there is a significant reduction vs 2022. We expect total consumption to improve these levels in the future as we progress on improved water efficiencies and expand re-use activities.*

*[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)

7227

#### (9.2.4.3) Comparison with previous reporting year

Select from:

About the same

#### (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:

- About the same

#### (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

49.01

#### (9.2.4.8) Identification tool

Select all that apply

- WRI Aqueduct

#### (9.2.4.9) Please explain

*We continuously monitor water use in areas of water stress using the Aqueduct tool of the World Resources Institute (WRI) version 3.0. According to the tool, 41% of our sites were in areas of high or extremely high water stress in 2023, representing 49% of our total water withdrawal.*

*[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)

8787

### (9.2.7.3) Comparison with previous reporting year

Select from:

Lower

### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Change in accounting methodology

### (9.2.7.5) Please explain

*Water withdrawn from surface bodies decreased by 5% compared to previous year. Following a third-party assurance review, from 2023 onwards, water data (both withdrawal and discharges) from a Fluor & Energy Materials (Koura) site in the UK is excluded since the water is consumed by a third-party company within the same industrial complex. This mostly explains the year-on-year variation.*

## Brackish surface water/Seawater

### (9.2.7.1) Relevance

Select from:

Not relevant

### (9.2.7.5) Please explain

*None of our sites withdraw brackish or sea water*

## Groundwater – renewable

### (9.2.7.1) Relevance

Select from:

Relevant but volume unknown

### (9.2.7.5) Please explain

*We do not differentiate between groundwater renewable and non-renewable. To provide a more conservative value, we report all groundwater as non-renewable.*

## Groundwater – non-renewable

### (9.2.7.1) Relevance

Select from:

Relevant

### (9.2.7.2) Volume (megaliters/year)

4901

### (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

*We do not differentiate between groundwater renewable and non-renewable. To provide a more conservative value we report all groundwater as non-renewable. Groundwater withdrawal increased 5% compared to previous year. This is mainly explained by some major sites that increased their production vs 2022.*

## Produced/Entrained water



### (9.2.7.1) Relevance

Select from:

Not relevant

### (9.2.7.5) Please explain

*We do not use produced water or entrained water.*

### Third party sources

### (9.2.7.1) Relevance

Select from:

Relevant

### (9.2.7.2) Volume (megaliters/year)

1057

### (9.2.7.3) Comparison with previous reporting year

Select from:

Much lower

### (9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

Other, please specify :Change in sourcing method

### (9.2.7.5) Please explain

*Water from third parties decreased by 14% compared to previous year. This is mainly explained by a major sites in Mexico (La Presa) that decreased its water consumption from third-parties and at the same time, increased the consumption of groundwater.*

*[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)

4776

#### (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:

Change in accounting methodology

#### (9.2.8.5) Please explain

*Water discharged to surface bodies decreased by 21% compared to previous year. Following a third-party assurance review, from 2023 onwards, water data (both withdrawal and discharges) from a Fluor & Energy Materials (Koura) site in the UK is excluded since the water is consumed by a third-party company within the same industrial complex. This mostly explains the year-on-year variation.*

### Brackish surface water/seawater

#### (9.2.8.1) Relevance

Select from:

Relevant

### (9.2.8.2) Volume (megaliters/year)

1475

### (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

*Water discharged to seawater increased by 7% compared to previous year. This is mainly explained due to an increase in the total production of sites discharging to the sea.*

## Groundwater

### (9.2.8.1) Relevance

Select from:

Relevant

### (9.2.8.2) Volume (megaliters/year)

27

### (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

*Water discharged to groundwater increased by 3% compared to previous year. This is mainly explained due to an increase in the total production of sites discharging to the groundwater.*

### Third-party destinations

#### (9.2.8.1) Relevance

Select from:

Relevant

#### (9.2.8.2) Volume (megaliters/year)

2247

#### (9.2.8.3) Comparison with previous reporting year

Select from:

Lower

#### (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

Water discharged to third-party destinations decreased by 4% compared to previous year. This is mainly explained due to a decrease in the total production of sites discharging to these destinations.

[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**

5

##### **(9.3.3) % of facilities in direct operations that this represents**

Select from:

1-25

##### **(9.3.4) Please explain**

*We have assessed our direct operations and identified 5 facilities (out of 136) with relevant water-related dependencies, impacts, risks, and opportunities, mainly water-related impacts that happened in 2024 linked to water scarcity, heavy precipitation and higher water prices. We have also included water-related risks in our latest climate risk assessment. The analysis covered twelve high priority sites from three of Orbia's Business Groups across six countries. The screening process considered prior risk assessment work done internally, combined with the financial exposure of site impact. Only one of our evaluated sites has been identified to be at medium-high risk in terms of financial impact related to water stress.*

#### **Upstream value chain**

##### **(9.3.1) Identification of facilities in the value chain stage**

Select from:

No, we have not assessed this value chain stage for facilities with water-related dependencies, impacts, risks, and opportunities, but we are planning to do so in the next 2 years

### (9.3.4) Please explain

*We have not assessed upstream value chain facilities with water-related dependencies, impacts, risks, and opportunities, but we are planning to do so in the next 2 years.*

*[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)

*Las Cuevas*

### (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

*Due to water recirculation in the site, the plant operates in a closed-loop system (no wastewater is discharged).*

### (9.3.1.7) Country/Area & River basin

**Mexico**

- Verde

### (9.3.1.8) Latitude

21.941647

### (9.3.1.9) Longitude

-100.577946

### (9.3.1.10) Located in area with water stress

Select from:

- Yes

### (9.3.1.13) Total water withdrawals at this facility (megaliters)

895

**(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**

107

**(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**

788

**(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)**

895

**(9.3.1.28) Comparison of total consumption with previous reporting year**

Select from:



- Much higher

### (9.3.1.29) Please explain

*Water withdrawal and water consumption increased by 51% vs 2022 mainly due to the lack of rainwater in our dam. To run the site, we had to purchase water via tanker trucks. To mitigate this situation, we recently installed process water-recovery system at our Las Cuevas mine and an efficient water recirculation system at Rioverde's beneficiation plant, we maintained an average process water recovery rate of 82%. During 2024, a tailings separation optimization process will be implemented in order to maintain water recovery rates.*

## Row 2

### (9.3.1.1) Facility reference number

Select from:

- Facility 2

### (9.3.1.2) Facility name (optional)

*Rioverde*

### (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

*Due to water recirculation in the site, the plant operates in a closed-loop system (no wastewater is discharged).*

#### (9.3.1.7) Country/Area & River basin

**Mexico**

Verde

#### (9.3.1.8) Latitude

21.966143

#### (9.3.1.9) Longitude

-100.008897

#### (9.3.1.10) Located in area with water stress

Select from:

Yes

#### (9.3.1.13) Total water withdrawals at this facility (megaliters)

248

#### (9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:

Higher

#### (9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

**(9.3.1.16) Withdrawals from brackish surface water/seawater**

0

**(9.3.1.17) Withdrawals from groundwater - renewable**

0

**(9.3.1.18) Withdrawals from groundwater - non-renewable**

246

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

2

**(9.3.1.27) Total water consumption at this facility (megaliters)**

248

**(9.3.1.28) Comparison of total consumption with previous reporting year**

Select from:

Higher

**(9.3.1.29) Please explain**

*Water withdrawal and water consumption increased by 5% vs 2022 mainly due to increased production volumes at the site (10% more production vs 2022). To run the site, we had to purchase water via tanker trucks. To mitigate this situation, we recently installed process water-recovery system at our Las Cuevas mine and an efficient water recirculation system at Rioverde's beneficiation plant.*

### Row 3

#### (9.3.1.1) Facility reference number

Select from:

Facility 3

#### (9.3.1.2) Facility name (optional)

*Lima - Geosistemas*

#### (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

Impacts

#### (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

*Due to water recirculation in the site, the plant operates in a closed-loop system (no wastewater is discharged).*

#### (9.3.1.7) Country/Area & River basin

**Peru**

Other, please specify :Pacific coast

**(9.3.1.8) Latitude**

-12.05875

**(9.3.1.9) Longitude**

-76.948808

**(9.3.1.10) Located in area with water stress**

Select from:

No

**(9.3.1.13) Total water withdrawals at this facility (megaliters)**

0.4

**(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

0.4

#### (9.3.1.27) Total water consumption at this facility (megaliters)

0.4

#### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

Much lower

#### (9.3.1.29) Please explain

*Water withdrawal and water consumption decreased by 10% vs 2022 mainly due to process efficiency improvements at the site. In 2023, the site experienced a water-related impact linked to a heavy precipitation, which caused production halting for 12 hours due to the possibility of electrical risk.*

### Row 4

#### (9.3.1.1) Facility reference number

Select from:

Facility 4

#### (9.3.1.2) Facility name (optional)

*Argentina - Pablo Podesta*

#### (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

Impacts

#### (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

*Due to water recirculation in the site, the plant operates in a closed-loop system (no wastewater is discharged).*

#### (9.3.1.7) Country/Area & River basin

**Argentina**

Other, please specify :La Plata

#### (9.3.1.8) Latitude

-34.580023

#### (9.3.1.9) Longitude

-58.610246

#### (9.3.1.10) Located in area with water stress

Select from:

No

**(9.3.1.13) Total water withdrawals at this facility (megaliters)**

17

**(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**

9

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

8

**(9.3.1.27) Total water consumption at this facility (megaliters)**

17



### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

Much lower

### (9.3.1.29) Please explain

*Water withdrawal and water consumption decreased by 39% vs 2022 mainly due to process efficiency improvements at the site. In 2023, the site experienced a water-related impact linked to heavy windy storm which caused damages to several sheets of the roof.*

## Row 5

### (9.3.1.1) Facility reference number

Select from:

Facility 5

### (9.3.1.2) Facility name (optional)

*La Presa*

### (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

Impacts

### (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

**Mexico**

Verde

### (9.3.1.8) Latitude

19.524784

### (9.3.1.9) Longitude

-99.120775

### (9.3.1.10) Located in area with water stress

Select from:

Yes

### (9.3.1.13) Total water withdrawals at this facility (megaliters)

246

### (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**

119

**(9.3.1.19) Withdrawals from produced/entrained water**

0

**(9.3.1.20) Withdrawals from third party sources**

127

**(9.3.1.21) Total water discharges at this facility (megaliters)**

121

**(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**

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

121

### (9.3.1.27) Total water consumption at this facility (megaliters)

125

### (9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

Much lower

### (9.3.1.29) Please explain

*Water withdrawal decreased by 13% vs 2022 mainly due to lower production volumes at the site (-14% less production vs 2022). In 2023, the site experienced a water-related impact linked to increased costs of this raw material (from 2022 to 2023, the unitary price per cubic meter has increased more than 100%).*

*[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

*International Auditing Standard ISAE 3000 Revised Assurance Engagements*

### Water withdrawals – volume by source

### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

*International Auditing Standard ISAE 3000 Revised Assurance Engagements*

## Water withdrawals – quality by standard water quality parameters

### (9.3.2.1) % verified

Select from:

Not verified

### (9.3.2.3) Please explain

*This indicator is not monitored in the sites.*

## Water discharges – total volumes

### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

*International Auditing Standard ISAE 3000 Revised Assurance Engagements*

## Water discharges – volume by destination

### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

*International Auditing Standard ISAE 3000 Revised Assurance Engagements*

## Water discharges – volume by final treatment level

### (9.3.2.1) % verified

Select from:

Not relevant

### (9.3.2.3) Please explain

*This indicator is not monitored in the sites.*

## Water discharges – quality by standard water quality parameters

### (9.3.2.1) % verified

Select from:

Not relevant

### (9.3.2.3) Please explain

*This indicator is not monitored in the sites.*

## Water consumption – total volume

### (9.3.2.1) % verified

Select from:

76-100

### (9.3.2.2) Verification standard used

*International Auditing Standard ISAE 3000 Revised Assurance Engagements  
[Fixed row]*

### (9.5) Provide a figure for your organization's total water withdrawal efficiency.

#### (9.5.1) Revenue (currency)

8204

#### (9.5.2) Total water withdrawal efficiency

0.56

#### (9.5.3) Anticipated forward trend

*At Orbia, we recognize the interdependencies between climate and water and acknowledge the role our actions related to water can play towards climate change mitigation. Our ambition is to achieve net positive water impact by conducting water risk assessments, developing water stewardship plans and targets and engaging in collective action in priority basins. Revenue is in millions of dollars.*

*[Fixed row]*

### (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

Other, please specify :Chemical products from all chemical sites

### (9.6.1.2) Product name

All products manufactured by Polymer Solutions (Vestolit and Alphagary) and Fluor & Energy Materials (Koura).

### (9.6.1.3) Water intensity value (m3/denominator)

2.22

### (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

Orbia's total water withdrawal decreased by 2% from 2022 to 2023, and on the other hand, our production also decreased 8%. Both decreases are explained by changes in the market. These factors combined have resulted in a small increase of intensity per metric ton of product (6.7%).

[Add row]

## (9.12) Provide any available water intensity values for your organization's products or services.

### Row 1

#### (9.12.1) Product name



Chemical products from all chemical sites.

**(9.12.2) Water intensity value**

2.22

**(9.12.3) Numerator: Water aspect**

Select from:

Water withdrawn

**(9.12.4) Denominator**

Total production (metric tons)

**(9.12.5) Comment**

This answer corresponds to the water intensity of all our chemical products.

[Add row]

**(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?**

	<b>Products contain hazardous substances</b>
	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:

- 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:

- 10-20

### (9.13.1.3) Please explain

*Across Orbia, we remain focused on opportunities to reduce environmental and health risks across our product lines and portfolio. Human health and environmental risk assessments have been conducted on 94% of products (in terms of revenues) to determine their potential impact. The majority of these products come from our Fluor & Energy Materials (Koura), Polymer Solutions (Vestolit and Alphagary) and Connectivity Solutions (Dura-Line) businesses. The Candidate List of substances of very high concern (SVHC) for Authorization above 0.1% by weight are in 11% (by revenue) of our products.*

## Row 2

### (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:

- Less than 10%

### (9.13.1.3) Please explain

*Across Orbia, we remain focused on opportunities to reduce environmental and health risks across our product lines and portfolio. Human health and environmental risk assessments have been conducted on 94% of products (in terms of revenues) to determine their potential impact. The majority of these products come from our*

Fluor & Energy Materials (Koura), Polymer Solutions (Vestolit and Alphagary) and Connectivity Solutions (Dura-Line) businesses. We currently comply with the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) requirements for all substances produced or imported in Europe for all relevant operations across Orbia. Two percent of products (in terms of revenues) contain restricted substances in Annex XVII of REACH. We use no regulated substances of Very High Concern (SVHC) as defined by REACH legislation, or by the European Restriction of Hazardous Substances, or substances of international concern (RoHS) in our Polymer Solutions (Vestolit), Connectivity Solutions (Dura-Line) and Fluor & Energy Materials (Koura) businesses.  
[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:

Yes

### **(9.14.2) Definition used to classify low water impact**

*Resource efficiency in the production process (products, services, processes, and technologies that utilize limited resources in a sustainable manner while minimizing impacts on the environment). Product use improves water management and address water scarcity and quality issues.*

### **(9.14.4) Please explain**

*All our products come from manufacturing plants which operate under water efficiency principles, or from our extrusion plants, which maintain closed loop systems and minimize water withdrawal. Therefore, they can be considered as low water impact products. Our portfolio includes systems that minimize water use and loss, such as rainwater harvesting systems and precision irrigation solutions, as well as systems that support the access to improved drinking water and safe management and treatment of waste, reducing health hazards. <https://www.orbia.com/GlobalImpact/>*

[Fixed row]

## **(9.15.3) Why do you not have water-related target(s) and what are your plans to develop these in the future?**

### **(9.15.3.1) Primary reason**

Select from:

We are planning to introduce a target within the next two years

### (9.15.3.2) Please explain

*Orbia is currently working on a global water plan, considering water related risks and opportunities as the main drivers to guide actions. On the one hand, priority high-risk plants operating in water stress areas will develop context-based water goals contributing to our aspiration to be net positive, while in parallel driving collective action by engaging in Water Positive Impact activities in targeted water basins (E.g., rainwater management, WASH, regenerative agriculture).*

*[Fixed row]*

## C10. Environmental performance - Plastics

### (10.1) Do you have plastics-related targets, and if so what type?

#### (10.1.1) Targets in place

Select from:

Yes

#### (10.1.2) Target type and metric

##### Plastic polymers

Increase the proportion of post-consumer recycled content in plastic polymers produced and/or sold

##### Plastic goods/products

Increase the proportion of our goods/products that are recyclable in practice and at scale

#### (10.1.3) Please explain

*Our Building & Infrastructure Business (Wavin) aims to increase the percentage of recycled plastics content in products by 9% by 2025. Progress achieved as of 2023 is 5.1%. Orbia Building & Infrastructure (Wavin) uses circular and low-carbon raw materials as well as a circular design for disassembly and recycling, with a goal of 90% of products to be 100% recyclable by 2025. Our performance in 2023 was 83.8% (vs 80.9% in 2022). Our Precision Agriculture (Netafim) Business aims to increase recycled content in driplines for irrigation by 45% in 2030. Progress achieved as of 2023 is 18.7%. Orbia's approach to circularity includes the incorporation of Sustainable Design Principles as part of our ambition to decarbonize our product portfolio: keeping materials in use for longer, integrating recycled plastics content and other post-consumer or post-industrial feedstock in our products and providing solutions to close the loop in our materials. During 2023, the Precision Agriculture (Netafim) Culiacan plant in Mexico (considered the country's largest agricultural plastics recycling facility) has processed over 2,000 tons of plastic in its first year of operation. Connectivity Solutions (Dura-Line) take-back program allowed the repurposing of over 138,000 conduit reels, resulting in savings of 4.5M in 2023. Polymer Solutions (Vestolit and Alphagary)'s Vinyl in Motion Program is allowing us to advance our post-consumer and post-industrial PVC circularity activities in Latin America by partnering with customers, final consumers, and relevant players of local PVC value chains. Some examples of the recycled materials are IV bags collected from hospitals, which are transformed by Polymer Solutions (Alphagary) into "Infinitude", a reborn compound which can then be used to manufacture hoses, wire jackets, car mats and shoe soles. Other discarded PVC items like pipes and blister packaging are re-incorporated in the production of PVC pipes.*

*[Fixed row]*

**(10.2) Indicate whether your organization engages in the following activities.**

**Production/commercialization of plastic polymers (including plastic converters)**

**(10.2.1) Activity applies**

Select from:

Yes

**(10.2.2) Comment**

*Orbia's Polymer Solutions (Vestolit and Alphagary) businesses, focus on PVC general and specialty resins, and PVC and zero-halogen specialty compounds with a wide variety of applications in solutions that undergird everyday life, most of them are long time applications like PVC pipes, with a lifespan beyond 50 years.*

**Production/commercialization of durable plastic goods and/or components (including mixed materials)**

**(10.2.1) Activity applies**

Select from:

Yes

**(10.2.2) Comment**

*Orbia's Building & Infrastructure (Wavin) business is an innovative solutions provider for the global building and infrastructure industry. Our products are relevant to ensuring safe and efficient water supplies (made of plastic), sanitation and hygiene, climate-resilient cities and better building performance. Orbia's Precision Agriculture (Netafim) business leading-edge irrigation systems, services and digital farming technologies manufactures plastic dripper lines and components to provide significantly higher and better-quality yields, while using less water, fertilizer and other inputs. Orbia's Connectivity Solutions (Dura-Line) business produces more than 400 million meters of essential and innovative infrastructure annually —telecom conduit, cable-in-conduit and other HDPE products and solutions that create physical pathways for fiber and other network technologies that connect cities, homes, and people worldwide.*

**Usage of durable plastics goods and/or components (including mixed materials)**

**(10.2.1) Activity applies**

Select from:

No

### (10.2.2) Comment

*Orbia does not use durable plastics goods and/or components.*

## Production/commercialization of plastic packaging

### (10.2.1) Activity applies

Select from:

No

### (10.2.2) Comment

*Orbia does not produce plastic packaging.*

## Production/commercialization of goods/products packaged in plastics

### (10.2.1) Activity applies

Select from:

Yes

### (10.2.2) Comment

*Orbia's PVC resins are mainly packaged in big plastic bags. A very limited amount of small components of solutions offered by our other BGs may be packaged in plastics.*

## Provision/commercialization of services that use plastic packaging (e.g., food services)

### (10.2.1) Activity applies

Select from:

Yes

### (10.2.2) Comment

*Minor components of our goods/services may be packaged in plastic bags.*

## Provision of waste management and/or water management services

### (10.2.1) Activity applies

Select from:

No

### (10.2.2) Comment

*Orbia does not provide water or waste management services.*

## Provision of financial products and/or services for plastics-related activities

### (10.2.1) Activity applies

Select from:

No

### (10.2.2) Comment

*Orbia does not provide financial products or services for plastics-related activities.*

## Other activities not specified

### (10.2.1) Activity applies

Select from:

No



## (10.2.2) Comment

*Not applicable*  
*[Fixed row]*

**(10.3) Provide the total weight of plastic polymers sold and indicate the raw material content.**

### (10.3.1) Total weight of plastic polymers sold during the reporting year (Metric tons)

1558000

### (10.3.2) Raw material content percentages available to report

*Select all that apply*

% virgin renewable content

### (10.3.4) % virgin renewable content

100

### (10.3.7) Please explain

*These value represents the amount of volume sold of plastic resins and plastic compounds during 2023.*  
*[Fixed row]*

**(10.4) Provide the total weight of plastic durable goods and durable components produced, sold and/or used, and indicate the raw material content.**

**Durable goods and durable components sold**

### (10.4.1) Total weight during the reporting year (Metric tons)

**(10.4.2) Raw material content percentages available to report**

Select all that apply

% virgin fossil-based content

**(10.4.3) % virgin fossil-based content**

100

**(10.4.7) Please explain**

Value excludes produced plastic volumes as they are referenced in 10.3. The metric tons referenced here correspond to an estimated value of sold tons of manufactured plastic goods (mainly PVC, HDPE pipes and dripper lines).

[Fixed row]

**(10.5) Provide the total weight of plastic packaging sold and/or used and indicate the raw material content.**

**Plastic packaging used**

**(10.5.1) Total weight during the reporting year (Metric tons)**

80850

**(10.5.2) Raw material content percentages available to report**

Select all that apply

% virgin fossil-based content

**(10.5.3) % virgin fossil-based content**

100

**(10.5.7) Please explain**

The value provided as explained in the question rational is an estimated amount of plastics polymers that may be directed to packaging applications downstream our value chain.

[Fixed row]

## **(10.5.1) Indicate the circularity potential of the plastic packaging you sold and/or used.**

### **Plastic packaging used**

#### **(10.5.1.1) Percentages available to report for circularity potential**

Select all that apply

% recyclable in practice and at scale

#### **(10.5.1.4) % of plastic packaging that is recyclable in practice at scale**

100

#### **(10.5.1.5) Please explain**

Orbia's PVC resins are mainly packaged in big plastic bags (recyclable in practice and at scale). A very limited amount of small components of solutions offered by our other BGs may be packaged in plastics.

[Fixed row]

## **(10.6) Provide the total weight of waste generated by the plastic you produce, commercialize, use and/or process and indicate the end-of-life management pathways.**

### **Production of plastic**

#### **(10.6.1) Total weight of waste generated during the reporting year (Metric tons)**

21988

#### **(10.6.2) End-of-life management pathways available to report**

Select all that apply

- Landfill
- Recycling
- Incineration
- Waste to Energy
- Preparation for reuse

- Composting (industrial/home)

### (10.6.3) % prepared for reuse

28.6

### (10.6.4) % recycling

22.6

### (10.6.5) % composting (industrial/home)

15.9

### (10.6.6) % waste to energy

16.2

### (10.6.7) % incineration

1.3

### (10.6.8) % landfill

15.4

### (10.6.12) Please explain

*These values represent the amount of waste generated and disposal methods for Polymer Solutions (Vestolit and Alphagary) in 2023. \* Preparation for reuse also includes recovered waste. \* Landfill also includes waste sent to confinement and controlled cells. \* Incineration also includes waste sent to physicochemical treatment.*

## Commercialization of plastic

### (10.6.1) Total weight of waste generated during the reporting year (Metric tons)

36603

### (10.6.2) End-of-life management pathways available to report

*Select all that apply*

- Landfill
- Recycling
- Incineration
- Waste to Energy
- Preparation for reuse
- Composting (industrial/home)

### (10.6.3) % prepared for reuse

16.5

### (10.6.4) % recycling

60.6

### (10.6.5) % composting (industrial/home)

0.6

### (10.6.6) % waste to energy

7.7

### (10.6.7) % incineration

0.4

## (10.6.8) % landfill

14.1

## (10.6.12) Please explain

*These values represent the amount of waste generated and disposal methods for Building & Infrastructure (Wavin), Connectivity Solutions (Dura-Line) and Precision Agriculture (Netafim) in 2023. \* Preparation for reuse also includes recovered waste. \* Landfill also includes waste sent to confinement and controlled cells. \* Incineration also includes waste sent to physicochemical treatment.*

## Usage of plastic

### (10.6.1) Total weight of waste generated during the reporting year (Metric tons)

0

### (10.6.2) End-of-life management pathways available to report

Select all that apply

- Landfill
- Recycling
- Incineration
- Waste to Energy
- Preparation for reuse
- Composting (industrial/home)

### (10.6.3) % prepared for reuse

0

### (10.6.4) % recycling

0

### (10.6.5) % composting (industrial/home)

0

#### (10.6.6) % waste to energy

0

#### (10.6.7) % incineration

0

#### (10.6.8) % landfill

0

#### (10.6.12) Please explain

*Waste data and disposal methods presented in the two rows above fully represent the Business Groups implied in plastics production: \* Plastic polymers sold: Polymer Solutions (Vestolit and Alphagary) (plastic resins and plastic compounds). \* Plastic durable goods sold: Building & Infrastructure (Wavin), Connectivity Solutions (Dura-Line) and Precision Agriculture (Netafim) (mainly PVC, HDPE pipes and dripper lines).*

*[Fixed row]*

## C11. Environmental performance - Biodiversity

### (11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

#### (11.2.1) Actions taken in the reporting period to progress your biodiversity-related commitments

Select from:

- Yes, we are taking actions to progress our biodiversity-related commitments

#### (11.2.2) Type of action taken to progress biodiversity- related commitments

Select all that apply

- Other, please specify :We've taken two key steps: Identifying 22 priority sites using IBAT and WWF tools adopting the LEAP approach to further align with TNFD, and developing a self-assessment tool to map water and biodiversity risks for impact management at priority sites

[Fixed row]

### (11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
	<p>Select from:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Yes, we use indicators</li> </ul>	<p>Select all that apply</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Pressure indicators</li> <li><input checked="" type="checkbox"/> Other, please specify :We used IBAT and WWF's Biodiversity Risk Filter for site screening. We monitor water-related pressures with WRI's Aqueduct 4 and a self-assessment tool, tracking water withdrawal, discharge, quality, and availability in key basins to assess impacts.</li> </ul>

[Fixed row]



## (11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

### Legally protected areas

#### (11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes

#### (11.4.2) Comment

*All Orbia sites have been assessed for their sensitivity towards nature using two internationally recognized tools: the Integrated Biodiversity Assessment Tool (IBAT) and the World Wildlife Fund (WWF) Biodiversity Risk Filter. These trusted frameworks enhance the comprehensiveness and accuracy of our preliminary assessments, helping us identify priority sites and ensuring we have reliable and actionable insights into nature-related risks. Protected Areas: Our first screening revealed that 7% (10 out of 137) of our sites are located within 15 km of a protected area.*

### 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:

Not assessed

#### (11.4.2) Comment

*The information disclosed is part of a first high-level nature risk assessment. We will broaden the scope of the types of biodiversity areas assessed to further comprehend our interactions with nature and gain a complete understanding of the impacts and risks associated with our operations. According to the IUCN, globally, more than half of the currently identified Key Biodiversity Areas (KBAs) overlap wholly or partly with existing protected area boundaries, including sites designated under international conventions (e.g., Ramsar and World Heritage) and areas protected at national and local levels.*

### 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:

Not assessed

### (11.4.2) Comment

*The information disclosed is part of a first high-level nature risk assessment. We will broaden the scope of the types of biodiversity areas assessed to further comprehend our interactions with nature and gain a complete understanding of the impacts and risks associated with our operations. According to the IUCN, globally, more than half of the currently identified Key Biodiversity Areas (KBAs) overlap wholly or partly with existing protected area boundaries, including sites designated under international conventions (e.g., Ramsar and World Heritage) and areas protected at national and local levels.*

### 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:

Not assessed

### (11.4.2) Comment

*The information disclosed is part of a first high-level nature risk assessment. We will broaden the scope of the types of biodiversity areas assessed to further comprehend our interactions with nature and gain a complete understanding of the impacts and risks associated with our operations. According to the IUCN, globally, more than half of the currently identified Key Biodiversity Areas (KBAs) overlap wholly or partly with existing protected area boundaries, including sites designated under international conventions (e.g., Ramsar and World Heritage) and areas protected at national and local levels.*

### Key Biodiversity Areas

### (11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes

## (11.4.2) Comment

All Orbia sites have been assessed on their sensitivity towards nature using two international reference tools: the Integrated Biodiversity Assessment Tool (IBAT) and the World Wildlife Fund (WWF) Biodiversity Risk Filter. These trusted frameworks enhance the comprehensiveness and accuracy of our preliminary assessment to locate priority sites and ensure reliable and actionable insights into nature-related risks. Both tools provide an indication of the potential biodiversity-related features including Protected areas and Key Biodiversity Areas close to the specified project location (operation site). Key Biodiversity Area: On our first screening we identified 4% (6 out of 137) of our sites near 15 km of a Key Biodiversity Area.

### 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:

Data not available

## (11.4.2) Comment

The information disclosed is part of a first high-level nature risk assessment. We will broaden the scope of the types of biodiversity areas assessed to further comprehend our interactions with nature and gain a complete understanding of the impacts and risks associated with our operations. According to the IUCN, globally, more than half of the currently identified Key Biodiversity Areas (KBAs) overlap wholly or partly with existing protected area boundaries, including sites designated under international conventions (e.g., Ramsar and World Heritage) and areas protected at national and local levels.

[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

## (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Australia

#### (11.4.1.5) Name of the area important for biodiversity

*Cheetham and Altona*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Precision Agriculture (Netafim) business: design and production irrigation systems, including drip irrigation equipment, pipes, and control systems.*

#### (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:

Not assessed

### Row 2

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Belgium

#### (11.4.1.5) Name of the area important for biodiversity

*Durme en Middenloop van de Schelde; Schorren en Polders van de Beneden-Schelde*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.*

#### (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:

Not assessed

### Row 3

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Brazil

#### (11.4.1.5) Name of the area important for biodiversity

#### (11.4.1.6) Proximity

Select from:

- Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

Proximity is up to 15 km (option not available in dropdown menu). Three locations from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.

#### (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:

- Not assessed

### Row 4

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

- Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

- Canada

#### (11.4.1.5) Name of the area important for biodiversity

Île de la Couvée; Lac Saint-Louis et Îles-de-la-Paix

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.*

#### (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:

Not assessed

### Row 5

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Chile

#### (11.4.1.5) Name of the area important for biodiversity

*Humedal de Batuco*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Precision Agriculture (Netafim) business: design and production irrigation systems, including drip irrigation equipment, pipes, and control systems.*

#### (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:

Not assessed

#### Row 6

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

China

#### (11.4.1.5) Name of the area important for biodiversity

*Yinchuan Plain*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area



Proximity is up to 15 km (option not available in dropdown menu). One location from our Precision Agriculture (Netafim) business: design and production irrigation systems, including drip irrigation equipment, pipes, and control systems.

#### (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:

Not assessed

#### Row 7

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Colombia

#### (11.4.1.5) Name of the area important for biodiversity

*Parque Nacional Natural Farallones de Cali; Bosque de San Antonio; Gravilleras del Valle del Río Siecha; Región Ecodeltaica Fluvio-Estuarina del Canal del Dique; Cerros Occidentales de Tabio y Tenjo; Guerrero, Guargua y Laguna Verde; Humedales de la Sabana de Bogotá; Bosques de la Falla del Tequendama; Fusagasuga; Granjas del Padre Luna*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

Proximity is up to 15 km (option not available in dropdown menu). Three locations from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems; two locations from our Polymer Solutions (Vestolit) business: production of PVC raw materials through polymerization and compounding; one location from our Polymer Solutions (Alphagary) business: design and production of specialty additives and compounds for plastics by mixing, processing, and formulating various ingredients; and one location from our Precision Agriculture (Netafim) business: design and production irrigation systems, including drip irrigation equipment, pipes, and control systems.

#### (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:

Not assessed

#### Row 8

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Costa Rica

#### (11.4.1.5) Name of the area important for biodiversity

*Cordillera Volcánica Central; El Rodeo, Cerros de Escazú y La Carpintera; Rio Ciruelas Headwaters*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.

#### (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:

Not assessed

#### Row 9

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Ecuador

#### (11.4.1.5) Name of the area important for biodiversity

Manglares del Golfo de Guayaquil; Ciénagas de Guayaquil; Isla Santay

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

Proximity is up to 15 km (option not available in dropdown menu). One location from our Building and Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.

### (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:

Not assessed

### Row 10

### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

### (11.4.1.4) Country/area

Select from:

Finland

### (11.4.1.5) Name of the area important for biodiversity

*Kangasalan lintujärvet*

### (11.4.1.6) Proximity

Select from:

Up to 25 km

### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.*

### (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:

Not assessed

## Row 11

### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

### (11.4.1.4) Country/area

Select from:

France

### (11.4.1.5) Name of the area important for biodiversity

*Lac et marais du Bourget; Val d'Allier Bourbonnais*

### (11.4.1.6) Proximity

Select from:

Up to 25 km

### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems; and one location from our Connectivity Solutions (Dura-Line) business: production of high-density polyethylene (HDPE) products through extrusion and fabrication of pipes and conduit for telecommunication networks.*

### (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:

Not assessed

## Row 12

### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

### (11.4.1.4) Country/area

Select from:

Germany

### (11.4.1.5) Name of the area important for biodiversity

*Heubachniederung, Schwarzes Venn, Borkenberge und Halterner Stausee; Eschebrügger Wästen; Klein- und Großringer Wösten; Groß Fullener Moor; Wesuwer Brook; Georgsdorfer und Dalum-Wietmarscher Moor und Alte Piccardie; Hakel*

### (11.4.1.6) Proximity

Select from:

Up to 25 km

### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Polymer Solutions (Vestolit) business: production of PVC raw materials through polymerization and compounding; and three locations from our Building and Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.*

### (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:

Not assessed

## Row 13

### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

### (11.4.1.4) Country/area

Select from:

Guatemala

### (11.4.1.5) Name of the area important for biodiversity

*Antigua Guatemala*

### (11.4.1.6) Proximity

Select from:

Up to 25 km

### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.*

### (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:

Not assessed

## Row 14

### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Hungary

#### (11.4.1.5) Name of the area important for biodiversity

Gerecse

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.

#### (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:

Not assessed

### Row 15

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas



#### (11.4.1.4) Country/area

Select from:

India

#### (11.4.1.5) Name of the area important for biodiversity

*Carambolim Wetlands; Ghatigaon Bustard Sanctuary; Ratapani Wildlife Sanctuary; Jengdia Beel and Satgaon; Rajaji National Park; Ramnagar Wildlife Sanctuary; Dhanauri wetland*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). Seven locations from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems and one location from our Connectivity Solutions (Dura-Line) business: production of high-density polyethylene (HDPE) products through extrusion and fabrication of pipes and conduit for telecommunication networks.*

#### (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:

Not assessed

### Row 16

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Ireland

#### (11.4.1.5) Name of the area important for biodiversity

*Skerries Islands; Malahide/Broadmeadow Estuary; Rockabill; Rogerstown Estuary; Boyne Estuary; Nanny Estuary and Shoreline*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.*

#### (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:

Not assessed

#### Row 17

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Israel

#### (11.4.1.5) Name of the area important for biodiversity

*Western Negev; Hefer Valley; Hula Valley*

#### (11.4.1.6) Proximity

*Select from:*

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Precision Agriculture (Netafim) business: design and production irrigation systems, including drip irrigation equipment, pipes, and control systems.*

#### (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:*

Not assessed

### Row 18

#### (11.4.1.2) Types of area important for biodiversity

*Select all that apply*

Key Biodiversity Areas

#### (11.4.1.4) Country/area

*Select from:*

Mexico

#### (11.4.1.5) Name of the area important for biodiversity

*Humedales del Sur de Tamaulipas y Norte de Veracruz; La Malinche; Delta del Río Bravo; Nacimiento Río Sabinas-Sureste de la Sierra de Santa Rosa; Media Luna; Lago de Texcoco; Cañada de la Hermita; Presa Lago de Guadalupe; Presa Laguna de Zumpango*

#### **(11.4.1.6) Proximity**

Select from:

Up to 25 km

#### **(11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area**

*Proximity is up to 15 km (option not available in dropdown menu). Six locations from our Polymer Solutions (Vestolit) business: production of PVC raw materials through polymerization and compounding, three locations from our Fluor & Energy Materials (Koura) business: manufacture of fluoroproducts for electric vehicles, sustainable infrastructure, and medical applications; two locations from our Polymer Solutions (Alphagary): design and production of specialty additives and compounds for plastics by mixing, processing, and formulating various ingredients; and two locations from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.*

#### **(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:

Not assessed

### **Row 19**

#### **(11.4.1.2) Types of area important for biodiversity**

Select all that apply

Key Biodiversity Areas

#### **(11.4.1.4) Country/area**

Select from:

Morocco

#### **(11.4.1.5) Name of the area important for biodiversity**

#### (11.4.1.6) Proximity

Select from:

- Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Precision Agriculture (Netafim) business: production of irrigation systems, including drip irrigation equipment, pipes, and control systems.*

#### (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:

- Not assessed

### Row 20

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

- Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

- Netherlands

#### (11.4.1.5) Name of the area important for biodiversity

*Voordelta; Voornes Duin; Hollandse Kust; Oostvoornse Meer; Midden Delfland & Oude Leede; Zoetwatergetijderivieren; Meijendel & Berkheide; Midden Delfland & Oude Leede; Engbertsdijksvenen; Slagharen - de Krim; Reestdal; Bargerveen*

#### (11.4.1.6) Proximity

Select from:

- Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). Three locations from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.*

#### (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:

- Not assessed

### Row 21

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

- Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

- Oman

#### (11.4.1.5) Name of the area important for biodiversity

*Khawr Shinas and Khawr Liwa; Al Batinah Coast*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Connectivity Solutions (Dura-Line) business: production of high-density polyethylene (HDPE) products through extrusion and fabrication of pipes and conduit for telecommunication networks.*

#### (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:

Not assessed

### Row 22

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Peru

#### (11.4.1.5) Name of the area important for biodiversity

*Isla Pachacamac; Lomas de Atocongo; Reserva Nacional Salinas y Aguada Blanca; Chiguata; Rimac Valley*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

Proximity is up to 15 km (option not available in dropdown menu). Three locations from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems and one location from our Precision Agriculture (Netafim) business: production of irrigation systems, including drip irrigation equipment, pipes, and control systems.

#### (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:

Not assessed

#### Row 23

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Poland

#### (11.4.1.5) Name of the area important for biodiversity

*Puszcza; Kampinoska; Ostoja Rogalinska*

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area



Proximity is up to 15 km (option not available in dropdown menu). Two locations from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems and one location from our Connectivity Solutions (Dura-Line): production of high-density polyethylene (HDPE) products through extrusion and fabrication of pipes and conduit for telecommunication networks.

#### (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:

Not assessed

#### Row 24

#### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

#### (11.4.1.4) Country/area

Select from:

Sweden

#### (11.4.1.5) Name of the area important for biodiversity

Västra Mälaren

#### (11.4.1.6) Proximity

Select from:

Up to 25 km

#### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure business (Wavin): development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems.

**(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:

- Not assessed

**Row 25**

**(11.4.1.2) Types of area important for biodiversity**

Select all that apply

- Key Biodiversity Areas

**(11.4.1.4) Country/area**

Select from:

- Syrian Arab Republic

**(11.4.1.5) Name of the area important for biodiversity**

*Hadhbat al-Jawlan*

**(11.4.1.6) Proximity**

Select from:

- Up to 25 km

**(11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area**

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Precision Agriculture (Netafim) business: production of irrigation systems, including drip irrigation equipment, pipes, and control systems.*

**(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:

Not assessed

## Row 26

### (11.4.1.2) Types of area important for biodiversity

Select all that apply

Key Biodiversity Areas

### (11.4.1.4) Country/area

Select from:

Turkey

### (11.4.1.5) Name of the area important for biodiversity

*Yılanlıkale Tepeleri*

### (11.4.1.6) Proximity

Select from:

Up to 25 km

### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). One location from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems and Precision Agriculture (Netafim) business: production of irrigation systems, including drip irrigation equipment, pipes, and control systems.*

### (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:

Not assessed

## Row 27

### (11.4.1.2) Types of area important for biodiversity

Select all that apply

- Key Biodiversity Areas

### (11.4.1.4) Country/area

Select from:

- United Kingdom of Great Britain and Northern Ireland

### (11.4.1.5) Name of the area important for biodiversity

*Mersey Estuary; Thorne and Hatfield Moors; North Pennine Moors; South Pennine and Peak District Moors*

### (11.4.1.6) Proximity

Select from:

- Up to 25 km

### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). Three locations from our Building & Infrastructure (Wavin) business: development and production of various infrastructure solutions through molding, extrusion, and fabrication of plastic components for piping systems; one location from our Fluor & Energy Materials (Koura) business: manufacture of fluoroproducts for electric vehicles, sustainable infrastructure, and medical applications; one location from our Polymer Solutions (Alphagary) business: production of specialty additives and compounds for plastics by mixing, processing, and formulating various ingredients.*

### (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:

- Not assessed

## Row 28

### (11.4.1.2) Types of area important for biodiversity

Select all that apply

- Key Biodiversity Areas

### (11.4.1.4) Country/area

Select from:

- United States of America

### (11.4.1.5) Name of the area important for biodiversity

*Middle Creek Wildlife Management Area; Southern Blue Ridge; Gilbert Bay/South Arm UT05; Farmington Bay UT04; Carson Range; Delaware Coastal Zone*

### (11.4.1.6) Proximity

Select from:

- Up to 25 km

### (11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

*Proximity is up to 15 km (option not available in dropdown menu). Four locations from our Connectivity Solutions (Dura-Line) business: production of high-density polyethylene (HDPE) products through extrusion and fabrication of pipes and conduit for telecommunication networks; one location from our Polymer Solutions (Vestolit) business: production of PVC raw materials through polymerization and compounding; one location from our Polymer Solutions business (Alphagary): production of specialty additives and compounds for plastics by mixing, processing, and formulating various ingredients.*

### (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:

- Not assessed

[Add row]

## C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

	Other environmental information included in your CDP response is verified and/or assured by a third party
	Select from: <input checked="" type="checkbox"/> Yes

[Fixed row]

(13.1.1) Which data points within your CDP response are verified and/or assured by a third party, and which standards were used?

### Row 1

#### (13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply

Climate change

#### (13.1.1.2) Disclosure module and data verified and/or assured

##### Environmental performance – Climate change

Waste data

Fuel consumption

Base year emissions

Electricity/Steam/Heat/Cooling consumption

Renewable Electricity/Steam/Heat/Cooling generation

Renewable Electricity/Steam/Heat/Cooling consumption

- Renewable fuel consumption
- Electricity/Steam/Heat/Cooling generation

### (13.1.1.3) Verification/assurance standard

#### General standards

- ISAE 3000

### (13.1.1.4) Further details of the third-party verification/assurance process

*All our energy consumption (including fuels, electricity, heating, steam and cooling purchased & generated) is included in the scope of the assurance process conducted by Deloitte.*

### (13.1.1.5) Attach verification/assurance evidence/report (optional)

*limited-assurance-report\_english\_orbia-advance-corporation-s.a.b-de-c.v..pdf*

## Row 2

### (13.1.1.1) Environmental issue for which data has been verified and/or assured

*Select all that apply*

- Water

### (13.1.1.2) Disclosure module and data verified and/or assured

#### Environmental performance – Water security

- Volume withdrawn from areas with water stress (megaliters)
- Water consumption– total volume
- Water discharges– total volumes
- Water withdrawals– total volumes

### (13.1.1.3) Verification/assurance standard

#### General standards

- ISAE 3000

### (13.1.1.4) Further details of the third-party verification/assurance process

*All our water withdrawal, discharge and consumption (including data of sites in water stressed areas) is included in the scope of the assurance process conducted by Deloitte.*

### (13.1.1.5) Attach verification/assurance evidence/report (optional)

*limited-assurance-report\_english\_orbia-advance-corporation-s.a.b-de-c.v..pdf*

## Row 3

### (13.1.1.1) Environmental issue for which data has been verified and/or assured

*Select all that apply*

- Plastics

### (13.1.1.2) Disclosure module and data verified and/or assured

#### Environmental performance – Plastics

- Waste generated

### (13.1.1.3) Verification/assurance standard

#### General standards

- ISAE 3000

### (13.1.1.4) Further details of the third-party verification/assurance process



All our waste by type and disposal method is included in the scope of the assurance process conducted by Deloitte

### (13.1.1.5) Attach verification/assurance evidence/report (optional)

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[Add row]

**(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.**

### (13.2.1) Additional information

*Additional information on our progress in Governance, Strategy, Environment and Social is available in Orbia's Reporting Hub: <https://sustainability.orbia.com/>*

### (13.2.2) Attachment (optional)

*orbia\_impact\_report\_2023.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

*Corporate Vice President Sustainability and Corporate Affairs*

### (13.3.2) Corresponding job category

*Select from:*

Chief Sustainability Officer (CSO)

[Fixed row]

