

**GHG inventory**

Reporting period: 01-01-2023 - 31-12-2023

This inventory report contains the summary of Scope 1 and 2 and the included categories of Scope 3.

The original calculations per Scope and Category are found in separate spreadsheets found in the following folders:

| Calculations and data                                   | Description                                                                                                               |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Folder containing GHG inventory calculations            | GHG inventory (internal path: Dopper\Operations\RD\Impact Measurement\Climate footprint\2023\Appendix III - GHG Inventory |
| Folder containing data sources                          | Data sources (internal path: Dopper\Operations\RD\Impact Measurement\Climate footprint\2023\Appendix IV - Data sources)   |
| The calculation spreadsheets have the following layout: |                                                                                                                           |
| A. Calculation guidance                                 | Category definition and calculation method according to the GHG Protocol                                                  |
| B. Category emissions                                   | Summary of emissions from each sub-category                                                                               |
| C. Calculations per sub-category                        | Quantities multiplied with emission factors                                                                               |
| D. References                                           | Data references that have been copied into the document for calculation purposes                                          |
| D. Internal data sources                                | Source of data from internal Dopper documentation                                                                         |
| E. External data sources                                | Source of emissions factors and external data values                                                                      |

**Dopper GHG emissions (2023) inventory**

Summary of Scope 1, 2 and 3 emissions

|                                                       |                                                                                  | Emissions [t CO <sub>2</sub> e] |
|-------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------|
| <b>Total emissions (excluding biogenic emissions)</b> |                                                                                  | <b>1497,02</b>                  |
| Total emissions (including biogenic emissions)        |                                                                                  | 1608,71                         |
|                                                       |                                                                                  |                                 |
| <b>SCOPE 1</b>                                        | <b>Direct emissions from owned/controlled operations</b>                         | <b>0,77</b>                     |
|                                                       |                                                                                  |                                 |
| <b>SCOPE 2</b>                                        | <b>Indirect emissions from the use of purchased electricity</b>                  | <b>0,00</b>                     |
|                                                       | Indirect emissions from the use of purchased electricity (market-based)          | 0,00                            |
|                                                       | Indirect emissions from the use of purchased electricity (location based)        | 7,13                            |
|                                                       |                                                                                  |                                 |
| <b>SCOPE 3</b>                                        | <b>Indirect emissions from sources not owned or controlled</b>                   | <b>1496,25</b>                  |
|                                                       |                                                                                  |                                 |
| <b>Upstream</b>                                       |                                                                                  | <b>1488,62</b>                  |
| <b>Category 1</b>                                     | <b>Purchased goods and services</b>                                              | <b>1427,39</b>                  |
|                                                       | Emissions from purchased goods and services (non-production)                     | 423,74                          |
|                                                       | Emissions from purchased goods and services                                      | 208,24                          |
|                                                       | Emissions from material inputs of purchased goods and services                   | 773,39                          |
|                                                       | Emissions from production waste                                                  | 0,35                            |
|                                                       | Emissions from material transport                                                | 21,67                           |
| <b>Category 2</b>                                     | <b>Capital goods</b>                                                             | <b>6,17</b>                     |
|                                                       | Emissions from mould production                                                  | 6,17                            |
| <b>Category 3</b>                                     | <b>Fuel- and energy-related activities (not included in scope 1 or 2)</b>        | <b>0,21</b>                     |
|                                                       | Upstream emissions of purchased fuels                                            | 0,15                            |
|                                                       | Upstream emissions of purchased electricity                                      | 0,00                            |
|                                                       | Transmission and distribution (T&D) losses                                       | 0,06                            |
| <b>Category 4</b>                                     | <b>Upstream transportation and distribution</b>                                  | <b>7,56</b>                     |
|                                                       | Emissions from road freight                                                      | 7,41                            |
|                                                       | Emissions from air freight                                                       | 0,03                            |
|                                                       | Emission from warehousing                                                        | 0,12                            |
| <b>Category 5</b>                                     | <b>Waste generated in operations</b>                                             | <b>0,09</b>                     |
|                                                       | Emissions from recycling                                                         | 0,06                            |
|                                                       | Emissions from incineration                                                      | 0,02                            |
|                                                       | Emissions from landfill                                                          | 0,00                            |
| <b>Category 6</b>                                     | <b>Business travel</b>                                                           | <b>19,38</b>                    |
|                                                       | Emissions from transportation                                                    | 17,95                           |
|                                                       | Emissions from accomodation                                                      | 1,43                            |
| <b>Category 7</b>                                     | <b>Employee travel</b>                                                           | <b>27,82</b>                    |
|                                                       | Emissions from commuting                                                         | 6,80                            |
|                                                       | Emissions from teleworking                                                       | 21,02                           |
| <b>Category 8</b>                                     | <b>Upstream leased assets</b>                                                    | <b>Not in scope</b>             |
|                                                       |                                                                                  |                                 |
| <b>Downstream</b>                                     |                                                                                  | <b>7,63</b>                     |
| <b>Category 9</b>                                     | <b>Downstream transportation and distribution</b>                                | <b>0,21</b>                     |
|                                                       | <i>Emissions from downstream transportation and distribution (uncompensated)</i> | <i>10,48</i>                    |
|                                                       | Emissions from downstream transportation and distribution (compensated)          | 0,21                            |
| <b>Category 10</b>                                    | <b>Processing of sold products</b>                                               | <b>Not in scope</b>             |
| <b>Category 11</b>                                    | <b>Use of sold products</b>                                                      | <b>Not in scope</b>             |
| <b>Category 12</b>                                    | <b>End-of-life treatment of sold products</b>                                    | <b>7,43</b>                     |
|                                                       | Emissions from recycling of sold goods                                           | 5,04                            |
|                                                       | Emissions from incineration of sold goods                                        | 2,28                            |
|                                                       | Emissions from landfilling of sold goods                                         | 0,11                            |
| <b>Category 13</b>                                    | <b>Downstream leased assets</b>                                                  | <b>Not in scope</b>             |
| <b>Category 14</b>                                    | <b>Franchises</b>                                                                | <b>Not in scope</b>             |
| <b>Category 15</b>                                    | <b>Investments</b>                                                               | <b>Not in scope</b>             |
|                                                       |                                                                                  |                                 |
| <b>BIOGENIC</b>                                       |                                                                                  | <b>111,68</b>                   |
|                                                       | Emissions from material inputs                                                   | 66,48                           |
|                                                       | Emissions from sea freight                                                       | 45,20                           |

### Emission factors

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| Activity                       | Value      | Unit                        | Source                                     | Link                                                                                                      |
|--------------------------------|------------|-----------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Homeworking (office equipment) | 0.03143942 | kg CO <sub>2</sub> e/TTE.hr | CERRA GHG Conversion Factors 2023 Full set | Greenhouse gas reporting: conversion factors 2023 – GOV.UK ( <a href="http://www.gov.uk">www.gov.uk</a> ) |
| Homeworking (travel)           | 0.30234178 | kg CO <sub>2</sub> e/TTE.hr | CERRA GHG Conversion Factors 2023 Full set | Greenhouse gas reporting: conversion factors 2023 – GOV.UK ( <a href="http://www.gov.uk">www.gov.uk</a> ) |

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| Reference      | Value | Unit                             | Source                                           | Link                                                                                                        |
|----------------|-------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Antarctica     | 18.10 | kg CO <sub>2</sub> /person-night | OECD Global Consumption Factors 2012 Pdf and xls | <a href="http://www.oecd.org/dataoecd/12/1/45290222.pdf">http://www.oecd.org/dataoecd/12/1/45290222.pdf</a> |
| Asia Pacific   | 16.10 | kg CO <sub>2</sub> /person-night | OECD Global Consumption Factors 2012 Pdf and xls | <a href="http://www.oecd.org/dataoecd/12/1/45290222.pdf">http://www.oecd.org/dataoecd/12/1/45290222.pdf</a> |
| Germany        | 12.10 | kg CO <sub>2</sub> /person-night | OECD Global Consumption Factors 2012 Pdf and xls | <a href="http://www.oecd.org/dataoecd/12/1/45290222.pdf">http://www.oecd.org/dataoecd/12/1/45290222.pdf</a> |
| Europe         | 9.10  | kg CO <sub>2</sub> /person-night | OECD Global Consumption Factors 2012 Pdf and xls | <a href="http://www.oecd.org/dataoecd/12/1/45290222.pdf">http://www.oecd.org/dataoecd/12/1/45290222.pdf</a> |
| United Kingdom | 10.40 | kg CO <sub>2</sub> /person-night | OECD Global Consumption Factors 2012 Pdf and xls | <a href="http://www.oecd.org/dataoecd/12/1/45290222.pdf">http://www.oecd.org/dataoecd/12/1/45290222.pdf</a> |
| China          | 10.10 | kg CO <sub>2</sub> /person-night | OECD Global Consumption Factors 2012 Pdf and xls | <a href="http://www.oecd.org/dataoecd/12/1/45290222.pdf">http://www.oecd.org/dataoecd/12/1/45290222.pdf</a> |
| India          | 53.50 | kg CO <sub>2</sub> /person-night | OECD Global Consumption Factors 2012 Pdf and xls | <a href="http://www.oecd.org/dataoecd/12/1/45290222.pdf">http://www.oecd.org/dataoecd/12/1/45290222.pdf</a> |
| USA            | 16.10 | kg CO <sub>2</sub> /person-night | OECD Global Consumption Factors 2012 Pdf and xls | <a href="http://www.oecd.org/dataoecd/12/1/45290222.pdf">http://www.oecd.org/dataoecd/12/1/45290222.pdf</a> |
| Europe         | 11.30 | kg CO <sub>2</sub> /person-night | Home Footprinting Tool                           | <a href="http://www.homefootprinting.org/">http://www.homefootprinting.org/</a>                             |
| London         |       |                                  |                                                  | <a href="http://www.london.gov.uk">http://www.london.gov.uk</a>                                             |

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| WASTE TREATMENT - Production residue assessment |       |            |                                                                                                     |
|-------------------------------------------------|-------|------------|-----------------------------------------------------------------------------------------------------|
|                                                 | Value | Unit       | Source                                                                                              |
| Production process                              |       |            |                                                                                                     |
| Plastic granules                                | 6.0%  | Percentage | Equivalent to 4 tonnes - injection moulding / CAERT U                                               |
| Machining                                       | 2.0%  | Percentage | Equivalent to 4 tons of plastic - metal working - average for metal product manufacturing / CAERT U |
| Fluxes casting                                  | 0.5%  | Percentage | Supplier data                                                                                       |
| Grease moulding                                 | 20.0% | Percentage | Supplier data                                                                                       |
| Fluxes cutting                                  | 6.0%  | Percentage | Supplier data                                                                                       |
| Plastic production                              | 20.0% | Percentage | Equivalent to 4 tonnes - injection moulding / CAERT U                                               |
| Flare cutting                                   | 17.0% | Percentage | Equivalent to 4 tons of plastic - various based on production, with average sector / CAERT U        |

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|                                    |       |               |                                                                                                                                                     |                                                           |
|------------------------------------|-------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Legal services                     | 0.000 | 146 CO2a/01.0 | 06/5/2023 (latest available data) - Interest of exchange rate for GBP/USD, 0.87703 (see <a href="https://www.oanda.com">https://www.oanda.com</a> ) | <a href="https://www.oanda.com">https://www.oanda.com</a> |
| Development services               | 0.140 | 146 CO2a/01.0 | 06/5/2023 (latest available data) - Interest of exchange rate for GBP/USD, 0.87703 (see <a href="https://www.oanda.com">https://www.oanda.com</a> ) | <a href="https://www.oanda.com">https://www.oanda.com</a> |
| Financial & housing services       | 0.104 | 146 CO2a/01.0 | 06/5/2023 (latest available data) - Interest of exchange rate for GBP/USD, 0.87703 (see <a href="https://www.oanda.com">https://www.oanda.com</a> ) | <a href="https://www.oanda.com">https://www.oanda.com</a> |
| Food and beverage, mining services | 0.175 | 146 CO2a/01.0 | 06/5/2023 (latest available data) - Interest of exchange rate for GBP/USD, 0.87703 (see <a href="https://www.oanda.com">https://www.oanda.com</a> ) | <a href="https://www.oanda.com">https://www.oanda.com</a> |