



# Carbon Accounting Report 2025

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## Wenaas Workwear AS

This report provides an overview of Wenaas Workwear AS's greenhouse gas (GHG) emissions for 2025 and forms part of the company's climate strategy. The emissions inventory covers Scope 1, Scope 2 and selected Scope 3 categories and is used to identify key emission sources and monitor progress over time.

- Scope 1 includes direct emissions, primarily from company vehicles.
- Scope 2 covers indirect emissions from purchased electricity and heating.
- Scope 3 includes selected value chain emissions, such as purchased goods and services, transportation and distribution, waste, business travel, end-of-life treatment, IT equipment and packaging.

Total reported location-based GHG emissions in 2025 were approximately 175,164 tCO<sub>2</sub>e, compared with 236,066 tCO<sub>2</sub>e in 2024, representing a reduction of approximately 25.8%. Scope 3 continued to account for more than 99.9% of total reported emissions.

Within Scope 3, upstream transportation and distribution remained the largest source at 65.9%, followed by downstream transportation and distribution at 21.5% and purchased goods and services at 12.4%.

Reported emissions from purchased goods and services increased compared with 2024. This increase is influenced by improved emissions data and broader coverage within the category and therefore does not necessarily represent an equivalent increase in underlying emissions. Wenaas will continue to engage with suppliers to improve the quality and coverage of emissions data.

## Reporting Year Energy and GHG Emissions

| Emission source                           | Description                                   | Consumption | Unit   | Energy<br>(MWh) | Emissions<br>tCO <sub>2</sub> e | % share       |
|-------------------------------------------|-----------------------------------------------|-------------|--------|-----------------|---------------------------------|---------------|
| <b>Transportation total</b>               |                                               |             |        | <b>181.1</b>    | <b>46.8</b>                     | <b>-</b>      |
| Diesel                                    | Company cars - Norway                         | 2,859.8     | liters | 28.4            | 7.6                             | -             |
| Diesel                                    | Company cars - UK                             | 1,438.2     | liters | 14.3            | 3.8                             | -             |
| Diesel                                    | Truck - Norway                                | 878.7       | liters | 8.7             | 2.3                             | -             |
| Petrol                                    | Company cars - Netherlands                    | 1,475.9     | liters | 13.6            | 3.5                             | -             |
| Petrol                                    | Company cars - Norway                         | 12,018.2    | liters | 110.6           | 28.1                            | -             |
| Petrol                                    | Company cars - Sweden                         | 603.0       | liters | 5.5             | 1.4                             | -             |
| <b>Scope 1 total</b>                      |                                               |             |        | <b>181.1</b>    | <b>46.8</b>                     | <b>-</b>      |
| <b>Electricity total</b>                  |                                               |             |        | <b>761.2</b>    | <b>12.9</b>                     | <b>-</b>      |
| Electricity Netherlands                   | Warehouse with 6 solar panels                 | 26,492.0    | kWh    | 26.5            | 6.2                             | -             |
| Electricity UK                            | Warehouse & office                            | 14,613.0    | kWh    | 14.6            | 2.6                             | -             |
| Electricity Sweden                        | Office                                        | 37,900.0    | kWh    | 37.9            | 0.4                             | -             |
| Electricity Norway                        | New construction                              | 73,100.0    | kWh    | 73.1            | 0.4                             | -             |
| Electricity Norway                        |                                               | 4,265.0     | kWh    | 4.3             | -                               | -             |
| Electricity Norway                        | Office - HQ                                   | 501,879.0   | kWh    | 501.9           | 2.8                             | -             |
| Electricity Norway                        | Office - Stavanger & Ålesund                  | 103,000.0   | kWh    | 103.0           | 0.6                             | -             |
| <b>District heating location total</b>    |                                               |             |        | <b>172.8</b>    | <b>1.9</b>                      | <b>-</b>      |
| District heating NO/Oslo                  | Office - Oslo, BREEM certificate              | 104,531.0   | kWh    | 104.5           | 1.1                             | -             |
| District heating NO/Oslo                  | Consumption district heating of office        | 68,300.0    | kWh    | 68.3            | 0.8                             | -             |
| <b>Scope 2 total</b>                      |                                               |             |        | <b>934.1</b>    | <b>14.8</b>                     | <b>-</b>      |
| <b>Purchased goods and services total</b> |                                               |             |        | <b>-</b>        | <b>21,764.8</b>                 | <b>12.4 %</b> |
| Cotton fabric, conventional (T1-4)        | Cotton composition                            | 136,269.0   | kg     | -               | 1,336.8                         | 0.8 %         |
| Cotton fabric, conventional (T1-4)        | Cotton composition >50%                       | 188,677.0   | kg     | -               | 1,850.9                         | 1.1 %         |
| Cotton fabric, conventional (T1-4)        | Cotton composition >74-100%                   | 76,099.0    | kg     | -               | 746.5                           | 0.4 %         |
| Polyester fabric (T1-4)                   | Polyester/nylon composition >50%              | 856,398.9   | kg     | -               | 9,497.5                         | 5.4 %         |
| Polyester fabric (T1-4)                   | Polyester /modacrylic composition >50%        | 167,322.0   | kg     | -               | 1,855.6                         | 1.1 %         |
| Polyester fabric (T1-4)                   | Polyester composition                         | 1,106.0     | kg     | -               | 12.3                            | -             |
| Polyester fabric (T1-4)                   | Polyester/nylon/spandex material              | 36,229.0    | kg     | -               | 401.8                           | 0.2 %         |
| Polyester fabric (T1-4)                   | Polyester/nylon composition >65%              | 234,286.0   | kg     | -               | 2,598.2                         | 1.5 %         |
| Polyester fabric, recycled (T1-4)         | Recycled (GRS) polyester composition >74-100% | 5,684.0     | kg     | -               | 47.8                            | -             |
| Polyester fabric, recycled (T1-4)         | Recycled Polyester                            | 13,053.0    | kg     | -               | 109.8                           | 0.1 %         |
| Tencel fabric (T1-4)                      | LenzingFR composition >65-80%                 | 1,586.0     | kg     | -               | 15.8                            | -             |
| Tencel fabric (T1-4)                      | Tencel (Lenzing)                              | 1,391.0     | kg     | -               | 13.8                            | -             |
| Wool, fine (T1-4)                         | Merino Wool                                   | 5,168.0     | kg     | -               | 206.0                           | 0.1 %         |
| Lyocell fabric (T1-4)                     | LenzingFR composition >50-70%                 | 1,336.0     | kg     | -               | 18.3                            | -             |
| Latex                                     | Latex material                                | 1,169.0     | kg     | -               | 3.2                             | -             |
| Cotton fabric, BCI (T1-4)                 | Cotton BCI composition                        | 20,566.0    | kg     | -               | 185.1                           | 0.1 %         |
| Cotton fabric, BCI (T1-4)                 | Cotton BCI composition >70-99%                | 70,334.0    | kg     | -               | 633.0                           | 0.4 %         |
| Acrylic fabric (T1-4)                     | Modacrylic composition >35-50%                | 1,336.0     | kg     | -               | 17.3                            | -             |
| Nitrile gloves (A1-A3)                    | Nitrile material                              | 7,276.0     | kg     | -               | 45.0                            | -             |

|                                                         |                                                                     |                 |                     |   |                  |               |
|---------------------------------------------------------|---------------------------------------------------------------------|-----------------|---------------------|---|------------------|---------------|
| Polyurethane fabric (T1-4)                              | HPPE/Glass fiber material                                           | 10,005.0        | kg                  | - | 148.6            | 0.1 %         |
| Steel, stainless                                        | Steel material (gloves)                                             | 896.0           | kg                  | - | 3.3              | -             |
| Polypropylene fabric (T1-4)                             | >50% Polyurethane (mixed with nylon and polyester)                  | 5,520.0         | kg                  | - | 60.2             | -             |
| Leather, cow (T1-4)                                     | 100% Cowhide Split Leather (lining in Para Aramid and polyester)    | 28,795.0        | kg                  | - | 1,033.7          | 0.6 %         |
| Leather, goat (T1-4)                                    | 100% Goatskin Leather (lining in Para aramid, polyester, and glass) | 44,914.0        | kg                  | - | 886.6            | 0.5 %         |
| Rubber, TPE                                             | TPR (Thermoplastic rubber) > 50%                                    | 13,702.0        | kg                  | - | 37.5             | -             |
| <b>Fuel-and-energy-related activities total</b>         |                                                                     |                 |                     | - | <b>19.9</b>      | <b>-</b>      |
| Petrol (WTT)                                            | Company car                                                         | 14,097.1        | liters              | - | 8.6              | -             |
| Diesel (WTT)                                            | Company car                                                         | 4,298.0         | liters              | - | 2.7              | -             |
| Diesel (NO) WTT                                         | Truck - Norway                                                      | 878.7           | liters              | - | 0.5              | -             |
| Electricity Norway (upstream)                           | Electricity Norway                                                  | 750,544.0       | kWh                 | - | 4.9              | -             |
| Electricity UK (upstream)                               | Electricity UK                                                      | 16,398.0        | kWh                 | - | 1.0              | -             |
| Electricity Netherlands (upstream)                      | Electricity Netherlands                                             | 28,847.0        | kWh                 | - | 1.7              | -             |
| Electricity Sweden (upstream)                           | Electricity Sweden                                                  | 37,900.0        | kWh                 | - | 0.5              | -             |
| <b>Upstream transportation and distribution total</b>   |                                                                     |                 |                     | - | <b>115,399.0</b> | <b>65.9 %</b> |
| Sea Container 5000-7999 TEU                             | Both FCL & LCL                                                      | 6,292,280,100.2 | tkm                 | - | 105,710.3        | 60.3 %        |
| Air Continental freight                                 | Due to congestion                                                   | 247,583.5       | tkm                 | - | 187.0            | 0.1 %         |
| Truck with trailer 33t+                                 | European suppliers                                                  | 43.8            | tCO <sub>2</sub> e  | - | 43.8             | -             |
| Air Intercontinental freight                            | Due to congestion                                                   | 17,801,266.3    | tkm                 | - | 9,457.8          | 5.4 %         |
| <b>Waste total</b>                                      |                                                                     |                 |                     | - | <b>23.4</b>      | <b>-</b>      |
| Insulation                                              | Insulation Oslo                                                     | 1,446.0         | kg                  | - | 2.7              | -             |
| Residual waste, incinerated                             | Residual waste HQ                                                   | 37,947.0        | kg                  | - | 18.5             | -             |
| Residual waste, incinerated                             | Residual waste - Scotland                                           | 904.0           | kg                  | - | 0.4              | -             |
| Residual waste, incinerated                             | Residual waste Mo i Rana                                            | 220.0           | kg                  | - | 0.1              | -             |
| Residual waste, incinerated                             | Residual waste Oslo                                                 | 2,001.0         | kg                  | - | 1.0              | -             |
| Wood waste, incinerated                                 | Woos waste - Scotland                                               | 400.0           | kg                  | - | -                | -             |
| Wood waste, incinerated                                 | Wood waste Oslo                                                     | 90.0            | kg                  | - | -                | -             |
| Mixed waste, recycled                                   | Mixed waste HQ                                                      | 113,810.0       | kg                  | - | 0.5              | -             |
| Paper waste, recycled                                   | Paper waste - Scotland                                              | 1,985.0         | kg                  | - | -                | -             |
| Residual waste, landfill                                | Residual waste HQ                                                   | 39.0            | kg                  | - | -                | -             |
| Organic waste, anaerobic digestion                      | Aerobic, biological treatment HQ                                    | 1,840.0         | kg                  | - | -                | -             |
| Organic waste, landfill (mixed food and garden waste)   | Organic waste Oslo                                                  | 189.0           | kg                  | - | 0.1              | -             |
| Organic waste, incinerated                              | Organic waste Mo i Rana                                             | 160.0           | kg                  | - | -                | -             |
| Cardboard waste, recycled                               | Cardboard waste Mo i Rana                                           | 270.0           | kg                  | - | -                | -             |
| Cardboard waste, recycled                               | Cardboard waste Oslo                                                | 748.5           | kg                  | - | -                | -             |
| Glass waste, landfill                                   | Glass waste Oslo                                                    | 15.0            | kg                  | - | -                | -             |
| Plastic waste, landfill                                 | Plastic waste Oslo                                                  | 9.0             | kg                  | - | -                | -             |
| <b>Business travel total</b>                            |                                                                     |                 |                     | - | <b>79.1</b>      | <b>-</b>      |
| Air travel, domestic                                    | Domestic - Roundtrip                                                | 211,405.0       | pkm                 | - | 28.8             | -             |
| Air travel, continental                                 | International - Roundtrip                                           | 482,185.0       | pkm                 | - | 36.5             | -             |
| Car, rental (fuel unknown)                              | Travel expense basis for car allowance                              | 82,249.4        | km                  | - | 13.8             | -             |
| Electric car Norway (WTW)                               | Travel expense basis for car allowance                              | 70,534.6        | km                  | - | 0.2              | -             |
| <b>Downstream transportation and distribution total</b> |                                                                     |                 |                     | - | <b>37,634.8</b>  | <b>21.5 %</b> |
| Transportation                                          | B2B delivery                                                        | 694.3           | kgCO <sub>2</sub> e | - | 0.7              | -             |

|                                                                  |                                                     |              |                    |                 |           |         |
|------------------------------------------------------------------|-----------------------------------------------------|--------------|--------------------|-----------------|-----------|---------|
| Transportation (WTW)                                             | B2B delivery (NL - GoGreen Certification)           | 9.1          | tCO <sub>2</sub> e | -               | 9.1       | -       |
| Truck 3.5-7.5t                                                   | Local distribution                                  | 8,041,000.0  | km                 | -               | 3,984.3   | 2.3 %   |
| Truck with trailer 33t+                                          | Longer distribution distance                        | 36,010,000.0 | km                 | -               | 33,640.5  | 19.2 %  |
| Rail freight                                                     | Train Diesel                                        | 3,403.0      | tkm                | -               | 0.1       | -       |
| Rail freight, el. Nordic                                         | Electric train - downstream distribution            | 12,970.0     | tkm                | -               | -         | -       |
| End-of-life treatment of sold products total                     |                                                     |              |                    | -               | 6.4       | -       |
| Residual waste, incinerated                                      | Residual waste (destruction on behalf of customers) | 13,100.0     | kg                 | -               | 6.4       | -       |
| Scope 3 - IT & Communication total                               |                                                     |              |                    | -               | 92.0      | 0.1 %   |
| Desktop computer all-in-one                                      | Client incl. network                                | 157.0        | Qty                | -               | 64.8      | -       |
| Printer, laser, color                                            | Client                                              | 18.0         | Qty                | -               | 1.2       | -       |
| Printer, laser, color                                            | Client                                              | 26.0         | Qty                | -               | 1.7       | -       |
| Computer mouse, optical                                          | Client                                              | 40.0         | Qty                | -               | 0.3       | -       |
| Headphones, Jabra Evolve2 55 (A1-3)                              | Client                                              | 40.0         | Qty                | -               | 0.1       | -       |
| Headphones, Jabra Evolve2 55 (A1-3)                              | Client                                              | 54.0         | Qty                | -               | 0.2       | -       |
| Cable, unspecified                                               | Client                                              | 32.6         | kg                 | -               | 0.2       | -       |
| Smartphone, Samsung Galaxy Z Fold4 (A1-3)                        | Client                                              | 4.0          | Qty                | -               | 0.1       | -       |
| Keyboard                                                         | Client, incl. barcode readers                       | 17.0         | Qty                | -               | 0.5       | -       |
| Apple iPhone 15                                                  | Client                                              | 19.0         | Qty                | -               | 0.9       | -       |
| Monitor 27"                                                      | Client                                              | 56.0         | Qty                | -               | 22.1      | -       |
| Scope 3 2 total                                                  |                                                     |              |                    | -               | 87.8      | 0.1 %   |
| Paper, mixed                                                     | Outbound packaging (FSC mix certified)              | 67,167.3     | kg                 | -               | 86.2      | -       |
| Plastic film, avg.                                               | Sretch film                                         | 565.6        | kg                 | -               | 1.6       | -       |
| Plastic packaging waste, recycled                                | Outbound packaging                                  | 4,378.5      | kg                 | -               | -         | -       |
| Scope 3 total                                                    |                                                     |              |                    | -               | 175,107.1 | 100.0 % |
| Total*                                                           |                                                     |              |                    | 1,115.2         | 175,168.7 | 100.0 % |
| KJ*                                                              |                                                     |              |                    | 4,014,640,623.6 |           |         |
| *The total numbers for MWh and KJ include only Scope 1 + Scope 2 |                                                     |              |                    |                 |           |         |

## Reporting Year Market-Based GHG Emissions

| Category                                                     | Unit               | 2025      |
|--------------------------------------------------------------|--------------------|-----------|
| Electricity Total (Scope 2) with Market-based calculations   | tCO <sub>2</sub> e | 380.5     |
| Scope 2 Total with Market-based electricity calculations     | tCO <sub>2</sub> e | 382.4     |
| Scope 1+2+3 Total with Market-based electricity calculations | tCO <sub>2</sub> e | 175,536.2 |

The above data provides a comprehensive summary of the GHG emissions accounting of Wenaas Workwear AS for the reporting year. It illustrates the scopes and Scope 3 categories included, along with the respective emission sources. The table presents consumption data and its corresponding reporting unit (e.g., kg, liters, kgCO<sub>2</sub>e and km), consumption data converted into energy (MWh) and tCO<sub>2</sub>e, and the percentage share each emission source represents in the overall GHG emissions accounting.

Summarized, Wenaas Workwear's total GHG emissions in 2025 were 175,164.3 tCO<sub>2</sub>e, representing a 25.8% reduction compared with 2024. Emissions per scope for 2025 were:

- Scope 1: 46.8 tCO<sub>2</sub>e
- Scope 2: 14.8 tCO<sub>2</sub>e
- Scope 3: 175,102.7 tCO<sub>2</sub>e

### Comment on Scope 3 Upstream and Downstream Transportation Emissions

Transportation remains the largest contributor to Wenaas Workwear's Scope 3 emissions. In 2025, emissions from both upstream and downstream transportation decreased significantly compared with 2024. Upstream transportation and distribution emissions decreased from 175,197.6 tCO<sub>2</sub>e in 2024 to 115,399.0 tCO<sub>2</sub>e in 2025, corresponding to a reduction of approximately 34%. Sea freight remains the largest emission source within this category, with emissions decreasing from 155,411.5 tCO<sub>2</sub>e to 105,710.3 tCO<sub>2</sub>e. Emissions from intercontinental air freight also decreased considerably, from 19,741.0 tCO<sub>2</sub>e in 2024 to 9,457.8 tCO<sub>2</sub>e in 2025. Downstream transportation and distribution emissions decreased from 50,266.6 tCO<sub>2</sub>e in 2024 to 37,634.8 tCO<sub>2</sub>e in 2025, corresponding to a reduction of approximately 25%. Longer-distance truck distribution continues to be the largest emission source within downstream transportation.

Combined, upstream and downstream transportation account for approximately 87% of Scope 3 emissions in 2025. Transportation therefore remains a key focus area for Wenaas Workwear, with continued attention on freight flows, transportation modes and opportunities for lower-emission distribution solutions throughout the value chain.

### Scope 3 Emissions Summary – Supply Chain Impacts

In 2025, reported emissions from purchased goods and services amounted to 21,764.8 tCO<sub>2</sub>e, compared with 10,214.2 tCO<sub>2</sub>e in 2024. The category now represents approximately 12.4% of total Scope 3 emissions, making materials and purchased products a more significant part of Wenaas Workwear's reported emissions footprint.

Several projects have been initiated to enhance data granularity and improve supplier reporting capacity, particularly for emissions hotspots across materials and production stages. Our supplier engagement program includes emissions data sharing, investigation of lifecycle assessments (LCAs), and the integration of sustainability requirements into product development and sourcing processes. Additionally, we are prioritizing relevant sustainability certifications and standards across Tier 2 and Tier 3 suppliers, particularly

in the areas of material sourcing, dyeing and finishing processes. Continued improvements in primary supplier data and transparency throughout the supply chain will support more accurate emissions accounting and improve our ability to identify and prioritize future emission reduction measures.

These efforts are designed to strengthen our resilience to regulatory developments, supply chain disruptions and changing customer expectations.

#### Data Sources and Methodologies for GHG Emissions Estimation

The input in this report is based on consumption data from internal and external sources, which has then been converted into tonnes of CO<sub>2</sub>-equivalents (tCO<sub>2</sub>e) using generic and/or specific emission factors. GHG emissions accounting is based on the international standard *A Corporate Accounting and Reporting Standard*, developed by the Greenhouse Gas Protocol Initiative (GHG Protocol). The GHG Protocol is one of the most widely used and recognized international standards for measuring greenhouse gas emissions at company level and forms the basis for ISO 14064-1.

## Annual GHG Emissions

| Category                                  | Description                                                        | 2023           | 2024            | 2025            | % change from previous year |
|-------------------------------------------|--------------------------------------------------------------------|----------------|-----------------|-----------------|-----------------------------|
| <b>Transportation total</b>               |                                                                    | <b>65.3</b>    | <b>52.2</b>     | <b>46.8</b>     | <b>-10.3 %</b>              |
| Diesel                                    | Company cars                                                       | 18.2           | -               | -               | -                           |
| Diesel                                    | Company cars - Norway                                              | -              | 34.1            | 7.6             | -77.7 %                     |
| Diesel                                    | Company cars - UK                                                  | -              | 4.2             | 3.8             | -9.5 %                      |
| Diesel                                    | Truck - Norway                                                     | -              | -               | 2.3             | 100.0 %                     |
| Petrol                                    | 1 company car (PHEV).                                              | 3.6            | -               | -               | -                           |
| Petrol                                    | Company car (PHEV) - Netherlands                                   | -              | 3.1             | -               | -100.0 %                    |
| Petrol                                    | Company cars - Netherlands                                         | -              | -               | 3.5             | 100.0 %                     |
| Petrol                                    | Company cars                                                       | 38.5           | -               | -               | -                           |
| Petrol                                    | Company cars - Norway                                              | -              | 6.9             | 28.1            | 307.2 %                     |
| Petrol                                    | Company cars (Hybrid) - Sweden                                     | -              | 1.4             | -               | -100.0 %                    |
| Petrol                                    | Company cars - Sweden                                              | -              | -               | 1.4             | 100.0 %                     |
| Diesel (NO)                               | Truck                                                              | 4.9            | -               | -               | -                           |
| Diesel (NO)                               | Truck - Norway                                                     | -              | 2.4             | -               | -100.0 %                    |
| <b>Scope 1 total</b>                      |                                                                    | <b>65.3</b>    | <b>52.2</b>     | <b>46.8</b>     | <b>-10.3 %</b>              |
| <b>Electricity location-based total</b>   |                                                                    | <b>16.7</b>    | <b>17.3</b>     | <b>12.9</b>     | <b>-25.4 %</b>              |
| Electricity Norway                        | Consumption electricity office                                     | 4.9            | -               | -               | -                           |
| Electricity Norway                        | Office - HQ                                                        | -              | 3.5             | 2.8             | -20.0 %                     |
| Electricity Norway                        | Office - Oslo, BREEM certificate                                   | -              | 0.3             | -               | -100.0 %                    |
| Electricity Norway                        | Office - Stavanger & Ålesund                                       | -              | 0.8             | 0.6             | -25.0 %                     |
| Electricity Norway                        | Electric train - downstream distribution                           | 0.4            | -               | -               | -                           |
| Electricity Norway                        | New construction                                                   | -              | -               | 0.4             | 100.0 %                     |
| Electricity Norway                        |                                                                    | -              | -               | -               | -                           |
| Electricity Netherlands                   | Consumption electricity warehouse with 6 solar panels on the roof. | 8.0            | -               | -               | -                           |
| Electricity Netherlands                   | Warehouse with 6 solar panels                                      | -              | 8.2             | 6.2             | -24.4 %                     |
| Electricity Netherlands                   | Consumption electricity PHEV car                                   | 0.2            | -               | -               | -                           |
| Electricity UK                            | Warehouse & office                                                 | -              | -               | 2.6             | 100.0 %                     |
| Electricity UK                            | Consumption electricity warehouse & office                         | 2.8            | -               | -               | -                           |
| Electricity UK                            | Warehouse & office                                                 | -              | 3.2             | -               | -100.0 %                    |
| Electricity Sweden                        | Consumption electricity office                                     | 0.3            | -               | -               | -                           |
| Electricity Sweden                        | Office                                                             | -              | 0.4             | -               | -100.0 %                    |
| Electricity Sweden                        | Office                                                             | -              | -               | 0.4             | 100.0 %                     |
| Electric car EU27                         | Company car (PHEV) - Netherlands                                   | -              | 0.7             | -               | -100.0 %                    |
| Electric car Sweden                       | Company cars (incl. hybrid)                                        | -              | 0.1             | -               | -100.0 %                    |
| <b>District heating location total</b>    |                                                                    | <b>0.6</b>     | <b>0.9</b>      | <b>1.9</b>      | <b>111.1 %</b>              |
| District heating NO/Oslo                  | Consumption district heating of office                             | 0.6            | -               | 0.8             | 100.0 %                     |
| District heating NO/Oslo                  | Office - Oslo, BREEM certificate                                   | -              | 0.9             | 1.1             | 22.2 %                      |
| <b>Scope 2 total</b>                      |                                                                    | <b>17.3</b>    | <b>18.2</b>     | <b>14.8</b>     | <b>-18.7 %</b>              |
| <b>Purchased goods and services total</b> |                                                                    | <b>8,647.6</b> | <b>10,214.2</b> | <b>21,764.8</b> | <b>113.1 %</b>              |
| Cotton fabric, conventional (T1-4)        | Cotton composition                                                 | 138.2          | 25.4            | 1,336.8         | 5,163.0 %                   |
| Cotton fabric, conventional (T1-4)        | Cotton composition >50%                                            | 421.9          | 978.5           | 1,850.9         | 89.2 %                      |
| Cotton fabric, conventional (T1-4)        | Cotton composition >70%                                            | 898.1          | -               | -               | -                           |

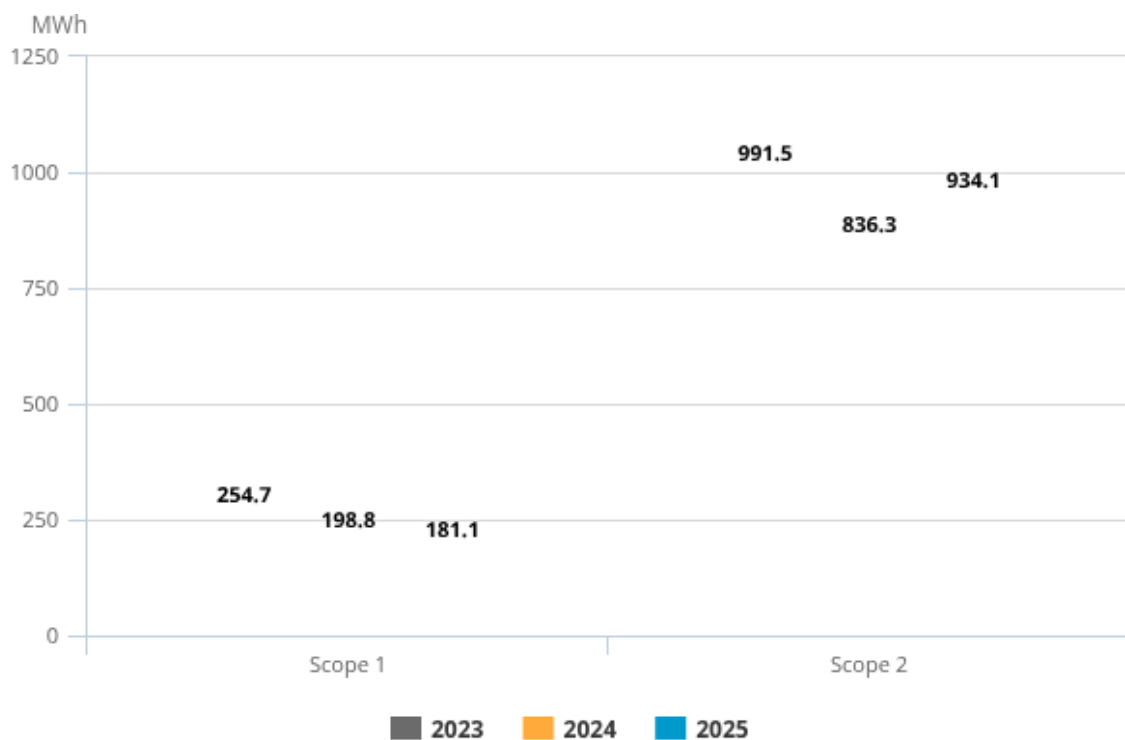
|                                                 |                                                                     |          |             |             |               |
|-------------------------------------------------|---------------------------------------------------------------------|----------|-------------|-------------|---------------|
| Cotton fabric, conventional (T1-4)              | Cotton composition >74%                                             | 406.6    | -           | -           | -             |
| Cotton fabric, conventional (T1-4)              | Cotton composition >74-100%                                         | -        | 592.2       | 746.5       | 26.1 %        |
| Cotton fabric, conventional (T1-4)              | Cotton composition 100% Cotton                                      | 792.3    | -           | -           | -             |
| Acrylic fabric (T1-4)                           | Modacrylic (35-50%)                                                 | 59.8     | -           | -           | -             |
| Acrylic fabric (T1-4)                           | Modacrylic composition >35-50%                                      | -        | 6.9         | 17.3        | 150.7 %       |
| Polyester fabric (T1-4)                         | Polyester composition                                               | 154.6    | 47.9        | 12.3        | -74.3 %       |
| Polyester fabric (T1-4)                         | Polyester composition >65%                                          | 1,472.9  | -           | -           | -             |
| Polyester fabric (T1-4)                         | Polyester /modacrylic composition >50%                              | -        | 102.2       | 1,855.6     | 1,715.7 %     |
| Polyester fabric (T1-4)                         | Polyester/nylon composition >65%                                    | -        | 2,547.4     | 2,598.2     | 2.0 %         |
| Polyester fabric (T1-4)                         | Polyester/nylon composition >50%                                    | -        | -           | 9,497.5     | 100.0 %       |
| Polyester fabric (T1-4)                         | Polyester composition >50%                                          | 80.8     | -           | -           | -             |
| Polyester fabric (T1-4)                         | Polyester/nylon/spandex material                                    | -        | 64.3        | 401.8       | 524.9 %       |
| Polyester fabric, recycled (T1-4)               | Polyester composition >65%                                          | 60.8     | -           | -           | -             |
| Polyester fabric, recycled (T1-4)               | Recycled (GRS) polyester composition >74-100%                       | -        | 217.4       | 47.8        | -78.0 %       |
| Polyester fabric, recycled (T1-4)               | Recycled Polyester                                                  | -        | -           | 109.8       | 100.0 %       |
| Leather, goat (T1-4)                            | 100% Goatskin Leather (lining in Para aramid, polyester, and glass) | 1,326.6  | 2,261.7     | 886.6       | -60.8 %       |
| Viscose/Rayon fabric (T1-4)                     | FR viscose composition >50%                                         | 496.4    | 154.6       | -           | -100.0 %      |
| Polyurethane fabric (T1-4)                      | >50% Polyurethane (mixed with nylon and polyester)                  | 411.8    | -           | -           | -             |
| Polyurethane fabric (T1-4)                      | HPPE/Glass fiber material                                           | -        | 113.2       | 148.6       | 31.3 %        |
| Tencel fabric (T1-4)                            | LenzingFR composition >50-65%                                       | 23.5     | -           | -           | -             |
| Tencel fabric (T1-4)                            | LenzingFR composition >65-80%                                       | -        | 28.8        | 15.8        | -45.1 %       |
| Tencel fabric (T1-4)                            | Tencel (Lenzing)                                                    | -        | -           | 13.8        | 100.0 %       |
| Nitrile gloves (A1-A3)                          | Item 289, 299, 11300                                                | 159.2    | -           | -           | -             |
| Nitrile gloves (A1-A3)                          | Nitrile material                                                    | -        | 31.2        | 45.0        | 44.2 %        |
| Lyocell fabric (T1-4)                           | LenzingFR composition >50-70%                                       | 11.5     | 50.5        | 18.3        | -63.8 %       |
| Modal fabric (T1-4)                             | Modacrylic composition >60%                                         | -        | 37.5        | -           | -100.0 %      |
| Cotton fabric, BCI (T1-4)                       | Cotton composition >70-99%                                          | -        | 1,532.3     | -           | -100.0 %      |
| Cotton fabric, BCI (T1-4)                       | BCI-cotton composition 100%                                         | -        | 379.9       | -           | -100.0 %      |
| Cotton fabric, BCI (T1-4)                       | Cotton BCI composition                                              | -        | -           | 185.1       | 100.0 %       |
| Cotton fabric, BCI (T1-4)                       | Cotton BCI composition >70-99%                                      | -        | -           | 633.0       | 100.0 %       |
| Leather, cow (T1-4)                             | 100% Cowhide Split Leather (lining in Para Aramid and polyester)    | 1,024.4  | 792.1       | 1,033.7     | 30.5 %        |
| Polypropylene fabric (T1-4)                     | Modacrylic composition >50%                                         | 700.3    | -           | -           | -             |
| Polypropylene fabric (T1-4)                     | >50% Polyurethane (mixed with nylon and polyester)                  | -        | 227.9       | 60.2        | -73.6 %       |
| Latex                                           | Item 11200                                                          | 5.1      | -           | -           | -             |
| Latex                                           | Latex material                                                      | -        | 3.6         | 3.2         | -11.1 %       |
| Wool, fine (T1-4)                               | Wool composition                                                    | 2.9      | 0.1         | -           | -100.0 %      |
| Wool, fine (T1-4)                               | Merino Wool                                                         | -        | -           | 206.0       | 100.0 %       |
| Steel, stainless                                | Steel material (gloves)                                             | -        | 3.1         | 3.3         | 6.5 %         |
| Rubber, TPE                                     | TPR (Thermoplastic rubber) > 50%                                    | -        | 15.6        | 37.5        | 140.4 %       |
| <b>Fuel-and-energy-related activities total</b> |                                                                     | <b>-</b> | <b>21.2</b> | <b>19.9</b> | <b>-6.1 %</b> |
| Petrol (WTT)                                    | Company car                                                         | -        | 2.1         | 8.6         | 309.5 %       |
| Petrol (WTT)                                    | Company car (PHEV)                                                  | -        | 0.8         | -           | -100.0 %      |
| Diesel (WTT)                                    | Company car                                                         | -        | 9.0         | 2.7         | -70.0 %       |
| Electricity UK (upstream)                       | Warehouse                                                           | -        | 1.0         | -           | -100.0 %      |
| Electricity UK (upstream)                       | Electricity UK                                                      | -        | -           | 1.0         | 100.0 %       |
| Electricity Netherlands (upstream)              | Warehouse                                                           | -        | 1.8         | -           | -100.0 %      |
| Electricity Netherlands (upstream)              | company car                                                         | -        | 0.2         | -           | -100.0 %      |

|                                                       |                                              |                 |                  |                  |                |
|-------------------------------------------------------|----------------------------------------------|-----------------|------------------|------------------|----------------|
| Electricity Netherlands (upstream)                    | Electricity Netherlands                      | -               | -                | 1.7              | 100.0 %        |
| Electricity Sweden (upstream)                         | Office                                       | -               | 0.5              | -                | -100.0 %       |
| Electricity Sweden (upstream)                         | Company cars (incl. hybrid)                  | -               | 0.4              | -                | -100.0 %       |
| Electricity Sweden (upstream)                         | Electricity Sweden                           | -               | -                | 0.5              | 100.0 %        |
| Diesel (NO) WTT                                       | Truck - Norway                               | -               | 0.7              | 0.5              | -28.6 %        |
| Electricity Norway (upstream)                         | Office - Stavanger & Ålesund                 | -               | 0.7              | -                | -100.0 %       |
| Electricity Norway (upstream)                         | Office - Oslo, BREEM certificate             | -               | 0.3              | -                | -100.0 %       |
| Electricity Norway (upstream)                         | Electricity Norway                           | -               | -                | 4.9              | 100.0 %        |
| Electricity Norway (upstream)                         | Warehouse                                    | -               | 3.2              | -                | -100.0 %       |
| District heating/cooling NO/SE (upstream)             | Office - Oslo, BREEM certificate             | -               | 0.4              | -                | -100.0 %       |
| <b>Upstream transportation and distribution total</b> |                                              | <b>62,745.7</b> | <b>175,197.6</b> | <b>115,399.0</b> | <b>-34.1 %</b> |
| Truck with trailer 33t+                               | European suppliers                           | 1,006.3         | 45.1             | 43.8             | -2.9 %         |
| Sea Container 5000-7999 TEU                           | Both FCL & LCL                               | 52,903.5        | 155,411.5        | 105,710.3        | -32.0 %        |
| Air Continental freight                               | Due to congestion                            | -               | -                | 187.0            | 100.0 %        |
| Air Intercontinental freight                          | Due to congestion                            | 8,835.8         | 19,741.0         | 9,457.8          | -52.1 %        |
| <b>Waste total</b>                                    |                                              | <b>25.5</b>     | <b>27.9</b>      | <b>23.4</b>      | <b>-16.1 %</b> |
| Concrete block                                        | Concrete materials with reinforcement - Oslo | -               | 0.2              | -                | -100.0 %       |
| Insulation                                            | Insulation Oslo                              | -               | -                | 2.7              | 100.0 %        |
| Residual waste, incinerated                           | Residual waste - Oslo                        | 0.4             | 2.1              | -                | -100.0 %       |
| Residual waste, incinerated                           | Residual waste Måndalen                      | 18.5            | -                | -                | -              |
| Residual waste, incinerated                           | Residual waste HQ                            | -               | 22.8             | 18.5             | -18.9 %        |
| Residual waste, incinerated                           | Residual waste Scotland                      | 0.2             | 0.4              | -                | -100.0 %       |
| Residual waste, incinerated                           | Residual waste - Scotland                    | -               | -                | 0.4              | 100.0 %        |
| Residual waste, incinerated                           | Residual waste Netherlands                   | 0.9             | -                | -                | -              |
| Residual waste, incinerated                           | Residual unsorted waste - Stavanger          | -               | 1.7              | -                | -100.0 %       |
| Residual waste, incinerated                           | Residual waste Mo i Rana                     | -               | -                | 0.1              | 100.0 %        |
| Residual waste, incinerated                           | Residual waste Oslo                          | -               | -                | 1.0              | 100.0 %        |
| Wood waste, recycled                                  | Processing wood - Oslo                       | -               | -                | -                | -              |
| Wood waste, recycled                                  | Wood waste Netherlands                       | -               | -                | -                | -              |
| Organic waste, anaerobic digestion                    | Aerobic, biological treatment - Oslo         | -               | -                | -                | -              |
| Organic waste, anaerobic digestion                    | Aerobic, biological treatment Måndalen       | -               | -                | -                | -              |
| Organic waste, anaerobic digestion                    | Aerobic, biological treatment HQ             | -               | -                | -                | -              |
| Mixed waste, recycled                                 | Mixed waste Måndalen                         | 2.0             | -                | -                | -              |
| Mixed waste, recycled                                 | Mixed waste HQ                               | -               | 0.7              | 0.5              | -28.6 %        |
| Residual waste, landfill                              | Residual waste Måndalen                      | 3.4             | -                | -                | -              |
| Residual waste, landfill                              | Residual waste HQ                            | -               | 0.1              | -                | -100.0 %       |
| Paper waste, recycled                                 | Paper waste Scotland                         | -               | -                | -                | -              |
| Paper waste, recycled                                 | Paper waste Netherlands                      | -               | -                | -                | -              |
| Paper waste, recycled                                 | Cartons & paper waste - Stavanger            | -               | -                | -                | -              |
| Paper waste, recycled                                 | Office paper - Oslo                          | -               | -                | -                | -              |
| Paper waste, recycled                                 | Cartons & paper waste - Oslo                 | -               | -                | -                | -              |
| Paper waste, recycled                                 | Paper waste - Scotland                       | -               | -                | -                | -              |
| Wood waste, incinerated                               | Wood waste Scotland                          | -               | -                | -                | -              |
| Wood waste, incinerated                               | Woos waste - Scotland                        | -               | -                | -                | -              |
| Wood waste, incinerated                               | Wood waste Oslo                              | -               | -                | -                | -              |
| Plastic PP-folio waste, recycled                      | Folie plastic Netherlands                    | -               | -                | -                | -              |
| EE waste, recycled                                    | Electrical waste Måndalen                    | -               | -                | -                | -              |
| EE waste, recycled                                    | Electrical waste HQ                          | -               | -                | -                | -              |

|                                                         |                                                     |                 |                 |                 |                |
|---------------------------------------------------------|-----------------------------------------------------|-----------------|-----------------|-----------------|----------------|
| Plastic waste, recycled                                 | Foil plastic and mixed plastic packaging - Oslo     | -               | -               | -               | -              |
| Plastic waste, recycled                                 | Foil and mixed plastic waste - Oslo                 | -               | -               | -               | -              |
| Glass waste, recycled                                   | Mixed glass/metal - Oslo                            | -               | -               | -               | -              |
| Organic waste, landfill (mixed food and garden waste)   | Organic waste Oslo                                  | -               | -               | 0.1             | 100.0 %        |
| Organic waste, incinerated                              | Organic waste Mo i Rana                             | -               | -               | -               | -              |
| Cardboard waste, recycled                               | Cardboard waste Mo i Rana                           | -               | -               | -               | -              |
| Cardboard waste, recycled                               | Cardboard waste Oslo                                | -               | -               | -               | -              |
| Glass waste, landfill                                   | Glass waste Oslo                                    | -               | -               | -               | -              |
| Plastic waste, landfill                                 | Plastic waste Oslo                                  | -               | -               | -               | -              |
| <b>Business travel total</b>                            |                                                     | -               | <b>100.1</b>    | <b>79.1</b>     | <b>-21.0 %</b> |
| Air travel, domestic                                    | Domestic - Roundtrip (74%)                          | -               | 25.8            | -               | -100.0 %       |
| Air travel, domestic                                    | Domestic - Roundtrip                                | -               | -               | 28.8            | 100.0 %        |
| Air travel, continental                                 | International - Roundtrip (26%)                     | -               | 44.2            | -               | -100.0 %       |
| Air travel, continental                                 | International - Roundtrip                           | -               | -               | 36.5            | 100.0 %        |
| Car travel                                              | Travel expense basis for car allowance              | -               | 30.1            | -               | -100.0 %       |
| Car, rental (fuel unknown)                              | Travel expense basis for car allowance              | -               | -               | 13.8            | 100.0 %        |
| Electric car Norway (WTW)                               | Travel expense basis for car allowance              | -               | -               | 0.2             | 100.0 %        |
| <b>Downstream transportation and distribution total</b> |                                                     | <b>46,314.6</b> | <b>50,266.6</b> | <b>37,634.8</b> | <b>-25.1 %</b> |
| Truck 3.5-7.5t                                          | Local distribution                                  | 2,420.4         | 4,186.2         | 3,984.3         | -4.8 %         |
| Truck with trailer 33t+                                 | Longer distribution distance                        | 31,472.6        | 46,061.5        | 33,640.5        | -27.0 %        |
| Truck with trailer 33t+                                 | European bulk distribution                          | 36.6            | 8.6             | -               | -100.0 %       |
| Rail freight                                            | Train Diesel                                        | 12,385.0        | 0.1             | 0.1             | -              |
| Transportation                                          | B2B delivery                                        | -               | 2.7             | 0.7             | -74.1 %        |
| Transportation HVO                                      | B2B delivery (NL - GoGreen Certification)           | -               | 7.5             | -               | -100.0 %       |
| Transportation (WTW)                                    | B2B delivery (NL - GoGreen Certification)           | -               | -               | 9.1             | 100.0 %        |
| Rail freight, el. Nordic                                | Electric train - downstream distribution            | -               | -               | -               | -              |
| <b>End-of-life treatment of sold products total</b>     |                                                     | <b>12.4</b>     | <b>8.6</b>      | <b>6.4</b>      | <b>-25.6 %</b> |
| Residual waste, incinerated                             | Residual waste (destruction on behalf of customers) | 12.4            | 8.6             | 6.4             | -25.6 %        |
| <b>Scope 3 IT and Communication total</b>               |                                                     | <b>144.5</b>    | <b>82.3</b>     | <b>-</b>        | <b>-43.0 %</b> |
| Desktop computer all-in-one                             | Client incl. network                                | 9.5             | 43.0            | -               | -100.0 %       |
| Printer, laser, color                                   | Client                                              | 2.5             | 0.5             | -               | -100.0 %       |
| Computer mouse, optical                                 | Client                                              | 0.2             | -               | -               | -              |
| Server                                                  | Server, storage incl. devices                       | 92.3            | -               | -               | -              |
| Lenovo ThinkPad L14 (A1-3)                              | Client                                              | 7.7             | -               | -               | -              |
| Smartphone                                              | Client                                              | 2.0             | -               | -               | -              |
| Headphones, Jabra Evolve2 55 (A1-3)                     | Client                                              | 0.1             | 1.1             | -               | -100.0 %       |
| Smartphone, Samsung Galaxy Z Fold4 (A1-3)               | Client                                              | -               | -               | -               | -              |
| Keyboard                                                | Client, incl. barcode readers                       | 1.4             | 1.2             | -               | -100.0 %       |
| Apple iPhone 15                                         | Client                                              | -               | 0.6             | -               | -100.0 %       |
| Monitor 27"                                             | Client                                              | 28.4            | 35.9            | -               | -100.0 %       |
| Power adapter, laptop                                   | Client, incl. network adapters                      | 0.4             | -               | -               | -              |
| Power adapter, smartphone                               | Client                                              | -               | -               | -               | -              |
| <b>Scope 3 - Packaging total</b>                        |                                                     | <b>21.6</b>     | <b>77.4</b>     | <b>-</b>        | <b>258.3 %</b> |

|                                               |                                        |                  |                  |                  |                |
|-----------------------------------------------|----------------------------------------|------------------|------------------|------------------|----------------|
| Paper, mixed                                  | Outbound packaging (FSC mix certified) | 21.4             | 77.3             | -                | -100.0 %       |
| Plastic packaging waste, recycled             | Outbound packaging                     | 0.1              | -                | -                | -              |
| <b>Scope 3 - IT &amp; Communication total</b> |                                        | -                | -                | <b>92.0</b>      | -              |
| Desktop computer all-in-one                   | Client incl. network                   | -                | -                | 64.8             | 100.0 %        |
| Printer, laser, color                         | Client                                 | -                | -                | 1.2              | 100.0 %        |
| Printer, laser, color                         | Client                                 | -                | -                | 1.7              | 100.0 %        |
| Computer mouse, optical                       | Client                                 | -                | -                | 0.3              | 100.0 %        |
| Headphones, Jabra Evolve2 55 (A1-3)           | Client                                 | -                | -                | 0.1              | 100.0 %        |
| Headphones, Jabra Evolve2 55 (A1-3)           | Client                                 | -                | -                | 0.2              | 100.0 %        |
| Cable, unspecified                            | Client                                 | -                | -                | 0.2              | 100.0 %        |
| Smartphone, Samsung Galaxy Z Fold4 (A1-3)     | Client                                 | -                | -                | 0.1              | 100.0 %        |
| Keyboard                                      | Client, incl. barcode readers          | -                | -                | 0.5              | 100.0 %        |
| Apple iPhone 15                               | Client                                 | -                | -                | 0.9              | 100.0 %        |
| Monitor 27"                                   | Client                                 | -                | -                | 22.1             | 100.0 %        |
| <b>Scope 3 2 total</b>                        |                                        | -                | -                | <b>87.8</b>      | -              |
| Paper, mixed                                  | Outbound packaging (FSC mix certified) | -                | -                | 86.2             | 100.0 %        |
| Plastic film, avg.                            | Stretch film                           | -                | -                | 1.6              | 100.0 %        |
| Plastic packaging waste, recycled             | Outbound packaging                     | -                | -                | -                | -              |
| <b>Scope 3 total</b>                          |                                        | <b>117,911.9</b> | <b>235,995.8</b> | <b>175,107.1</b> | <b>-25.8 %</b> |
| <b>Total</b>                                  |                                        | <b>117,994.4</b> | <b>236,066.3</b> | <b>175,168.7</b> | <b>-25.8 %</b> |
| <b>Percentage change</b>                      |                                        |                  | <b>100.1 %</b>   | <b>-25.8 %</b>   |                |

### Annual energy consumption (MWh) Scope 1 & 2



## Annual Market-Based GHG Emissions

| Category                                                     | Unit               | 2023      | 2024      | 2025      |
|--------------------------------------------------------------|--------------------|-----------|-----------|-----------|
| Electricity Total (Scope 2) with Market-based calculations   | tCO <sub>2</sub> e | 446.9     | 417.5     | 380.5     |
| Scope 2 Total with Market-based electricity calculations     | tCO <sub>2</sub> e | 447.5     | 418.4     | 382.4     |
| Scope 1+2+3 Total with Market-based electricity calculations | tCO <sub>2</sub> e | 118,424.6 | 236,466.1 | 175,536.2 |
| Percentage change                                            |                    |           | 99.7 %    | -25.8 %   |

## Annual Key Energy and Climate Performance Indicators

| Name                                            | Unit | 2023      | 2024      | 2025      | % change from<br>previous year |
|-------------------------------------------------|------|-----------|-----------|-----------|--------------------------------|
| Scope 1 + 2 emissions (tCO <sub>2</sub> e)      |      | 82.5      | 70.5      | 61.6      | -12.6 %                        |
| Total emissions (s1+s2+s3) (tCO <sub>2</sub> e) |      | 117,994.4 | 236,066.3 | 175,168.7 | -25.8 %                        |
| Total energy scope 1 + 2 (MWh)                  |      | 1,246.2   | 1,035.1   | 1,115.2   | 7.7 %                          |
| Sum energy per location (MWh)                   |      | 991.5     | 836.3     | 934.1     | 11.7 %                         |
| Sum square meters (m <sup>2</sup> )             |      | -         | -         | -         | -                              |
| Sum locations kWh/m <sup>2</sup>                |      | -         | -         | -         | -                              |

## Methodology and sources

The Greenhouse Gas Protocol initiative (GHG Protocol) was developed by the World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD). This analysis is done according to *A Corporate Accounting and Reporting Standard Revised edition*, currently one of four GHG Protocol accounting standards on calculating and reporting GHG emissions. The reporting considers the following greenhouse gases, all converted into CO<sub>2</sub>-equivalents: CO<sub>2</sub>, CH<sub>4</sub> (methane), N<sub>2</sub>O (laughing gas), SF<sub>6</sub>, HFCs, PFCs and NF<sub>3</sub>.

For corporate reporting, two distinct approaches can be used to consolidate GHG emissions: the equity share approach and the control approach. The most common consolidation approach is the control approach, which can be defined in either financial or operational terms.

The carbon inventory is divided into three main scopes of direct and indirect emissions.

Scope 1 includes all direct emission sources. This includes all use of fuels for stationary combustion or transportation, in owned and, depending on the consolidation approach selected, leased, or rented assets. It also includes any process emissions, from e.g. chemical processes, industrial gases, direct methane emissions etc., as well as leakage of refrigerants.

Scope 2 includes indirect emissions related to purchased energy, including electricity and heating/cooling in assets owned/controlled by the organisation.

In January 2015, the GHG Protocol published new guidelines for calculating emissions from electricity consumption. Primarily two methods are used to “allocate” the GHG emissions generated by electricity production to the end consumers on a given grid, namely the location-based and the market-based method. The location-based method reflects the average emission intensity of the grids on which energy consumption occurs, while the market-based method reflects emissions from electricity that companies have purposefully chosen (or not chosen).

Organisations who report on their GHG emissions will now have to disclose both the location-based emissions from the production of electricity, and the market-based emissions related to the potential purchase of Guarantees of Origin (GoOs) and Renewable Energy Certificates (RECs).

The purpose of this amendment in the reporting methodology is on the one hand to show the impact of energy efficiency measures, and on the other hand to display how the acquisition of GoOs or RECs affect the GHG emissions. Using both methods in the emissions accounting highlights the effect of both of these types of measures regarding electricity consumption.

The location-based method: The location-based method is based on statistical emissions information and electricity output aggregated and averaged within a defined geographic boundary and during a defined time period. Within this boundary, the different energy producers utilize a mix of energy resources, where the use of fossil fuels (coal, oil, and gas) result in direct GHG-emissions. These emissions are reflected in the location-based emission factor. Most location-based electricity emission factors used in CEMAsys are based on national gross electricity production mixes and are published by the International Energy Agency's statistics (IEA Stat). Emission factors per fuel type are in these calculations based on assumptions in the IEA methodological framework. Emission factors for district heating/cooling are either based on actual (local) production mixes, or average national statistics.

The market-based method: The choice of emission factors when using this method is determined by whether the organisation acquires GoOs/RECs or not. When selling GoOs for renewable electricity or RECs, the supplier guarantees that the same amount of electricity has been produced exclusively from renewable sources, which is assumed to have an emission factor of 0 grams CO<sub>2</sub>e per kWh. However, for electricity without GoOs or RECs, the emission factor should instead be based on the remaining electricity supply after all GoOs for renewable electricity and/or RECs have been sold and cancelled. This is called the residual mix,

which in most cases is connected to a substantially higher emission factor than the location-based emission factor.

Scope 3 includes indirect emissions resulting from other value chain activities. The scope 3 emissions are a result of the company's upstream and downstream activities, which are not directly controlled by the organisation. Examples include production of purchased goods and services, business travel, goods transportation, waste handling, use of sold products, etc.

In general, the carbon accounting should include information that stakeholders, both internal and external to the company, need for their decision making. An important aspect of relevance is the selection of an appropriate inventory boundary which reflects the substance and economic reality of the company's business relationships.

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#### Sources:

DEFRA (2023). UK Government GHG Conversion Factors for Company Reporting, [Department for Business, Energy & Industrial Strategy](#) (DEFRA)

IEA (2023). Emission Factors database, International Energy Agency (IEA), Paris.

Ecoinvent 3.8, 3.9.1, and 3.10. Wernet, G., Bauer, C., Steubing, B., Reinhard, J., Moreno-Ruiz, E., and Weidema, B., 2016. The ecoinvent database version 3 (part I): overview and methodology. The International Journal of Life Cycle Assessment.

IMO (2020). Reduction of GHG emissions from ships - Third IMO GHG Study 2014 (Final report). International Maritime Organisation, <https://www.imo.org/en/ourwork/environment/pages/greenhouse-gas-studies-2014.aspx>

IPCC (2007). IPCC Fourth Assessment Report: Climate Change 2007 (AR4). <https://www.ipcc.ch/report/ar4/>

IPCC (2014). IPCC fifth assessment report: Climate change 2013 (AR5 updated version November 2014). <http://www.ipcc.ch/report/ar5/>

AIB (2023). European Residual Mixes 2022, Association of Issuing Bodies.

WBCSD/WRI (2004). The greenhouse gas protocol. A corporate accounting and reporting standard (revised edition). World Business Council on Sustainable Development (WBCSD), Geneva, Switzerland /World Resource Institute (WRI), Washington DC, USA, 116 pp.

WBCSD/WRI (2011). Corporate value chain (Scope 3) accounting and reporting standard: Supplement to the GHG Protocol corporate accounting and reporting standard. World Business Council on Sustainable Development (WBCSD), Geneva, Switzerland /World Resource Institute (WRI), Washington DC, USA, 149 pp.

WBCSD/WRI (2015). GHG protocol Scope 2 guidance: An amendment to the GHG protocol corporate standard. World Business Council on Sustainable Development (WBCSD), Geneva, Switzerland /World Resource Institute (WRI), Washington DC, USA, 117 pp.

The reference list above is not necessarily complete, but contains the most essential references used in CEMAsys. In addition, several local/national sources may be used, depending on the selection of emission factors.