

Greenhouse Gas Protocol (Dual Reporting) Report for Knowit

Assessment Period: 2024

Produced on March 10, 2025 by Our Impacts

Assessment Details

Consolidation Approach

Operational control approach is applied for the Knowit carbon footprint.

Included sites: Denmark/Danmark: Copenhagen - Wilders Plads Aarhus-Skanderborgvej (Viby) Copenhagen - Nyropsgade Aalborg Aarhus-Vesterbro Torv Finland: Helsinki Åbo Oulu Tammerfors Norway/Norge: Ålesund Stavanger Arendal Trondheim Hamar Kristiansand Oslo Bergen Poland/Polen: Lodz Bydgoszcz Warszawa Sweden/Svergie: Karlskrona Gävle Trollhättan Helsingborg Karlstad

Borlänge

Örebro Uppsala Umeå Sundsvall Lund Stockholm Jönköping Östersund Kista Linköping Göteborg Malmö Luleå Germany/Tyskland: Bremen Included subsidiaries: Knowit AB (100) Knowit Dataunit GmbH (810) Knowit Poland Sp. z o.o. (820) Knowit Experience Poland Sp. z o.o. (821) Knowit Ascend AB (188) Knowit Capacent AB (180) Knowit Solutions Sharp AB (134) Knowit Connectivity AB (170) Knowit Connectivity Group AB (183) Knowit Core Syd AB (137) Knowit Dalarna AB (139) Knowit Dataunit AB (140) Knowit Financial Solutions AB (192) Knowit Secure Solutions AB (190) Knowit Solutions Datalytics AB (133) Knowit Defence Technology AB (141) Knowit Solutions Cloud & Code AB (142) Knowit Experience Göteborg AB (111)

Knowit Experience Linköping AB (112) Knowit Experience Malmö AB (113) Knowit Experience Norrland AB (156) Knowit Experience Sverige AB (117) Knowit Experience Group AB (110) Knowit FLX AB (182) Knowit Group Functions AB (101) Knowit Gävleborg AB (145) Knowit Helsingborg AB (178) Knowit Insight Finance AB (179) Knowit Insight Group AB (123) Knowit Insight Health AB (118) Knowit Insight Accelerate AB (167) Knowit Insight Syd AB (162) Knowit Insight Väst AB (125) Knowit Insight Öst AB (124) Knowit Solutions CoCreate AB (165) Knowit Digital Management AB (147) Knowit Jönköping AB (115) Knowit Karlstad AB (116) Knowit Norrland AB (150) Knowit Quality Services Syd AB (135) Knowit Cybersecurity & Law AB (126) Knowit Solutions FLX Stockholm AB (191) Knowit Solutions Linköping AB (132) Knowit Solutions Sverige AB (160) Knowit Solutions Stockholm AB (152) Knowit Swedspot AB (185) Knowit Syd Group AB (153) Knowit Sydost AB (169) Knowit Test Solutions AB (136) Knowit Uppsala AB (144) Knowit Örebro AB (155) 1508.dk Aarhus A/S (619, merge) 1508.dk A/S (615)

Knowit Consulting Services A/S (614) Knowit Experience Danmark A/S (618) Knowit Experience Aarhus A/S (613) Knowit Solutions Danmark A/S (611) Knowit Experience København A/S (612, merge) Knowit Solutions Miracle A/S (617) Knowit Oy (500) Knowit Insight Oy (531) Knowit Managed Services Oy (501, fusion) Knowit Experience Oy (520) Knowit Solutions Oy (510) Knowit Solutions FLX Oy (511) Knowit Impact AS (330) Knowit Insight AS (314) Knowit Insight Business Solutions AS (333) Knowit Quest AS (329) Knowit Sør AS (323) Knowit Amende AS (318) Knowit Consulting Bergen AS (321) Knowit Dataess AS (319) Knowit Decision AS (316) Knowit Experience AS (310) Knowit Experience Bergen AS (311) Knowit Experience Consulting AS (332) Knowit Experience Oslo AS (312) Knowit Objectnet AS (320) Knowit Reaktor AS (313) Knowit Financial Solutions AS (322) Knowit Cybersecurity & Law AS (315) Knowit Solutions Norway AS (325) Knowit Stavanger AS (324)

Organisational Boundaries

Operations of Knowit

Included

- Knowit
- Sverige
- Danmark
- Finland
- Norge
- Tyskland
- Polen

Operational Boundary

- Air travel
- Bus and coach
- Buses, whole vehicle
- Cars
- Coffee and fruit
- District heating
- Electricity
- Electricity consumption
- Employee owned cars
- Ferry
- Food
- Home working
- Hotel night stays
- IT Equipment
- Material use: construction
- Motorcycle
- Non-hazardous waste
- Rail (train, tram, light rail, underground)
- Taxi
- Vans
- Walk & Bike

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Executive Summary

This report presents Knowit's 2024 greenhouse gas (GHG) emissions assessment, in accordance with the Greenhouse Gas Protocol. Employing a dual reporting approach—containing both location-based and market-based methodologies—the assessment quantifies direct and indirect emissions (Scopes 1, 2, and 3) across Knowit's operations.

The assessment encompasses Knowit's operational activities and those of its subsidiaries in Sweden, Denmark, Finland, Norway, Germany, and Poland. It evaluates a wide range of emission sources, including business travel, commuting, electricity and heating, materials purchased, waste, upstream energy-related emissions, and the use of sold products. Data is sourced from both actual measurements and robust estimates, with explicit assumptions to address gaps in primary data.

Knowit's 2024 emissions were calculated to: • Location-Based Emissions: 5,723 tCO2e • Market-Based Emissions: 5,699 tCO2e

Notably, direct emissions (Scope 1) contribute to only about 2% of the total emissions, indirect emissions from electricity and heating 5%, whereas indirect emissions (Scope 3)—encompassing business travel, commuting, sold products, waste and purchased goods and services—dominate the profile, accounting for 93% of total emissions. Subsequent sections of this report provide a detailed breakdown of the calculations and results.

Introduction

A greenhouse gas (GHG) emissions assessment quantifies the total greenhouse gases produced directly and indirectly from a business or organisation's activities. Also known as a carbon footprint, it is an essential tool, providing your business with a basis for understanding and managing its climate change impacts.

A GHG assessment quantifies all seven Kyoto greenhouse gases where applicable and is measured in units of carbon dioxide equivalence, or CO_2e^1 . The seven Kyoto gases are carbon dioxide (CO_2) , methane (CH_4) , nitrous oxide (N_2O) , hydrofluorocarbons (HFCs), nitrogen trifluoride (NF_3) , sulphur hexafluoride (SF_6) and perfluorocarbons (PFCs). The global warming potential (GWP) of each gas is illustrated in the Table 1.

Table 1. GWP of Kyoto Gases (IPCC 2013, without climate-carbon feedback)

| Greenhouse Gas | GWP |
|---|------------|
| Carbon dioxide (CO ₂) | 1 |
| Methane (CH ₄) | 28 |
| Nitrous oxide (N ₂ O) | 265 |
| Hydrofluorocarbons (HFCs) | 1 - 12,400 |
| Perfluorocarbons (PFCs) | 1 - 11,100 |
| Nitrogen trifluoride (NF ₃) | 16,100 |
| Sulphur hexafluoride (SF ₆) | 23,500 |

This assessment has been carried out in accordance with the World Business Council for Sustainable Development and World Resources Institute's (WBCSD/WRI) Greenhouse Gas Protocol; a Corporate Accounting and Reporting Standard, including the GHG Protocol Scope 2 Guidance. This protocol is considered current best practice for corporate or organisational greenhouse gas emissions reporting. GHG emissions have been reported by the three WBCSD/WRI Scopes.

Scope 1 includes direct GHG emissions from sources that are owned or controlled by the company such as natural gas combustion and company owned vehicles.

Scope 2 accounts for GHG emissions from the generation of purchased electricity, heat and steam generated off-site. As the subject of this assessment operates in markets which offer contractual instruments with product or supplier-specific data, scope 2 emissions are reported using both the location-based method and the market-based method. The location-based method applies average emission factors that correspond to the grid where consumption occurs, whereas the market-based method applies emission factors that correspond to energy purchased (or not purchased) through contractual instruments. Contractual instruments include energy attribute certificates, direct energy contracts, and supplier specific emission rates. The subject of this assessment has ensured that any contractual instruments used in the market-based method have met the Scope 2 Quality Criteria, as defined in the Guidance. Where contractual instruments do not meet the Quality Criteria, or where contractual instruments were not purchased, market-based scope 2 emissions have been calculated using residual mix emission factors. Where residual mix emission factors are not available, market-based scope 2 emissions have been calculated using default location grid-average emission factors, per the Protocol hierarchy. This may result in double counting between electricity consumers, as an adjusted emission factor taking into account voluntary purchases of electricity with specific attributes was not available.

Scope 3 includes all other indirect emissions such as waste disposal, business travel and staff commuting. Reporting of these activities is optional under the WBCSD/WRI GHG Protocol, but as they can contribute a significant portion of overall emissions Ecometrica recommends they are reported where applicable.

A GHG assessment is an essential tool in the process of monitoring and reducing an organisation's climate change impact as it allows reduction targets to be set and action plans formulated. GHG assessment results can also allow organisations to be transparent about their climate change impacts through reporting of GHG emissions to customers, shareholders, employees and other stakeholders. Regular assessments allow clients to track their progress in achieving reductions over time and provide evidence to support green claims in external marketing initiatives such as product labelling or CSR reporting. Ecometrica GHG assessments are designed to be transparent, consistent and repeatable over time.

¹ Carbon dioxide equivalent or CO₂e is a term for describing different greenhouse gases in a common unit. For any quantity and type of greenhouse gas, CO₂e signifies the amount of CO₂ which would have the equivalent global warming impact.

Data Quality and Availability

In order to provide the most accurate estimate of an organisation's GHG emissions, primary (actual) data should be used where it is available, up to date and geographically relevant. Secondary data in the form of estimates, extrapolations and industry averages may be used when primary data is not available. Table 2 details the quality of data submitted for this assessment with the key assumptions used stated below.

Data Quality Overview



| Location-based | | |
|-------------------|-------------------------|------|
| Accuracy Overview | tCO ₂ e/year | % |
| Actual | 1,475 | 25.8 |
| Estimated | 4,248 | 74.2 |
| Total | 5,723 | 100 |



| Market-based | | |
|-------------------|-------------------------|------|
| Accuracy Overview | tCO ₂ e/year | % |
| Actual | 1,467 | 25.7 |
| Estimated | 4,232 | 74.3 |
| Total | 5,699 | 100 |

Table 2. Data Quality and Availability

| Source of emissions | Data quality |
|---|--------------|
| Business Travel | |
| Air travel | Estimated |
| Bus and coach | Actual |
| Cars | Estimated |
| Electric two-wheelers | Actual |
| Employee owned cars | Estimated |
| Ferry | Actual |
| Hired cars | Actual |
| Hotel night stays | Estimated |
| Motorcycle | Actual |
| Rail (train, tram, light rail, underground) | Actual |
| Тахі | Estimated |
| Walk & Bike | Actual |
| Commuting | |
| Bus and coach | Estimated |
| Cars | Estimated |

| Electric two-wheelers | Actual |
|---|-----------|
| Employee owned cars | Estimated |
| Ferry | Mixed |
| Motorcycle | Estimated |
| Rail (train, tram, light rail, underground) | Estimated |
| Walk & Bike | Estimated |
| Homeworkers | LSumateu |
| | Estimated |
| Home working | Estimateu |
| Electricity and Heating | Estimated |
| District heating | Mixed |
| Electricity | |
| Electricity consumption | Actual |
| Refrigerant gas loss and other fugitive emissions | Actual |
| Food | Astrol |
| Coffee and fruit | Actual |
| Food | Actual |
| Hosted servers | |
| Electricity consumption | Mixed |
| Waste | |
| Incinerated waste | Actual |
| Non-hazardous waste | Actual |
| Road freight, shared vehicle (tonne.km factors) | Actual |
| Transport | |
| Road freight, shared vehicle (tonne.km factors) | Actual |
| Vans | Actual |
| Conferences | |
| Air travel | Mixed |
| Bus and coach | Mixed |
| Buses, whole vehicle | Actual |
| Cars | Mixed |
| Ferry | Mixed |
| Hotel night stays | Mixed |
| Rail (train, tram, light rail, underground) | Mixed |
| Тахі | Mixed |
| Materials purchased | |
| IT Equipment | Actual |
| Material use: construction | Actual |
| Business travel - External | |
| Bus and coach | Estimated |
| Vans | Estimated |
| | |

Key Assumptions

To complete the annual footprint the following assumptions have been made:

Energy use per office floor area is based on the average intensity of the other offices where primary data was available. For each recorded flight, a 5 km taxi journey is added as default. The energy consumed by hosting servers for client purposes is not measured this year, but assumed and estimated to be the same as the previous years. The commuting and business travel is based on employee surveys, where the responses have been extrapolated based on the number of FTE:s in each company. Survey data was also cleaned from outliers in terms of extreme values reported, or faulty answers from the survey data.

Assessment Summary for Knowit Gross Overall Emissions (location-based): 5,723 tCO₂e Gross Overall Emissions (market-based): 5,699 tCO₂e

Key Performance Indicators

Absolute GHG emissions will vary over time and often correspond to the expansion or contraction of an organisation. It is useful therefore to use reporting metrics that take these effects into account and monitor relative GHG emissions intensity. A common emissions intensity metric is tonnes of CO₂e per full time equivalent. This has been calculated, along with other relevant metrics, in the table below:

| Data | КРІ |
|--------------------------------------|--|
| 3,772 Full Time Equivalent Employees | 1.52 tCO ₂ e per Full Time Equivalent Employee (Location-Based) |
| 6,415,700 Turnover (KSEK) | 8.92e-4 tCO ₂ e per Turnover (KSEK) (Location-Based) |
| 3,772 Full Time Equivalent Employees | 1.51 tCO ₂ e per Full Time Equivalent Employee (Market-Based) |
| 6,415,700 Turnover (KSEK) | 8.88e-4 tCO ₂ e per Turnover (KSEK) (Market-Based) |

Summary by Activity (Location-Based, tCO₂e)

| E | By Activity | tCO ₂ e/year | % |
|---|-------------------------------|-------------------------|---------|
| | Commuting | 2,021 | 35.3 |
| | Business Travel | 1,205 | 21 |
| | Materials purchased | 836 | 14.6 |
| | Conferences | 643 | 11.2 |
| | Food | 574 | 10 |
| | Electricity and Heating | 372 | 6.5 |
| | Hosted servers | 45.4 | 0.793 |
| | Homeworkers | 17.1 | 0.299 |
| | Business travel - External | 10.8 | 0.188 |
| | Waste | 0.00213 | 3.72e-5 |
| | Total | 5,723 | 100 |

Summary by Activity (Market-Based, tCO₂e)

| | By Activity | tCO ₂ e/year | % |
|--|-------------------------------|-------------------------|---------|
| | Commuting | 2,021 | 35.5 |
| | Business Travel | 1,205 | 21.1 |
| | Materials purchased | 836 | 14.7 |
| | Conferences | 643 | 11.3 |
| | Food | 574 | 10.1 |
| | Electricity and Heating | 347 | 6.09 |
| | Hosted servers | 45.4 | 0.796 |
| | Homeworkers | 17.1 | 0.3 |
| | Business travel - External | 10.8 | 0.189 |
| | Waste | 0.00213 | 3.73e-5 |
| | Total | 5,699 | 100 |

Summary by WBCSD/WRI Scope (Location-Based, tCO2e)



| By Activity | | tCO ₂ e/year | % |
|-------------|-------|-------------------------|------|
| Scope 1 | | 89.7 | 1.57 |
| Scope 2 | | 279 | 4.87 |
| Scope 3 | | 5,355 | 93.6 |
| | Total | 5,723 | 100 |

Summary by WBCSD/WRI Scope (Market-Based, tCO2e)



| By Activity | | tCO ₂ e/year | % |
|-------------|-------|-------------------------|------|
| Scope 1 | | 89.7 | 1.57 |
| Scope 2 | | 269 | 4.72 |
| Scope 3 | | 5,340 | 93.7 |
| | Total | 5,699 | 100 |

Summary by Greenhouse Gas

| Greenhouse Gas | GWP | tGHG/year (Location-Based) | tCO ₂ e/year (Location-Based) | tGHG/year (Market-Based) | tCO ₂ e/year (Market-Based) |
|--|-----|-------------------------------|---|-----------------------------|---|
| CO ₂ | 1 | 3,346 | 3,346 | 3,334 | 3,334 |
| CH4 | 28 | 0.172 | 4.83 | 0.169 | 4.73 |
| N ₂ O | 265 | 0.0746 | 19.8 | 0.0736 | 19.5 |
| Biogenic CO ₂ | 0 | 15.8 | 0 | 15.8 | 0 |
| CO_2e (CH ₄ and N ₂ O) | 1 | 0.0471 | 0.0471 | 0.0471 | 0.0471 |

| CO ₂ e | 1 | 2,353 | 2,353 | 2,341 | 2,341 |
|-------------------|---|-------|-------|-------|-------|
| | | Total | 5,723 | | 5,699 |

Summary of Scope 2 Market-Based Method for Knowit

Energy Consumed and Emissions By Factor Type In Scope 2 Market-Based Method Scope 2 Market-Based Energy Scope 2 Market-Based Emissions





| Emission Factor Type | Energy | | Market-Based Emissions | | |
|--|--------|------|------------------------|--------|--|
| | MWh | % | tCO ₂ e | % | |
| Client-supplied market-based instrument | 1,607 | 29 | 0.222 | 0.0824 | |
| Residual mix factors | 89.5 | 1.61 | 55.6 | 20.7 | |
| Default location-based factors | 3,850 | 69.4 | 213 | 79.3 | |
| Total | 5,546 | 100 | 269 | 100 | |

Detailed Results

Detailed Summary by WBCSD/WRI Scope

Location-Based methodology

| Source of Emissions | tCO ₂ /yr | tCH₄/yr | tN ₂ O/yr | Total Emissions (tCO ₂ e/yr) | % |
|---|----------------------|---------|----------------------|---|----------|
| Scope 1 Total | 89.2 | 0.00633 | 0.0013 | 89.7 | 1.57% |
| Business Travel Total | 28.5 | 0.00186 | 4.25e-4 | 28.7 | 0.501% |
| Cars | 28.5 | 0.00186 | 4.25e-4 | 28.7 | 0.501% |
| Commuting Total | 60.7 | 0.00446 | 8.72e-4 | 61 | 1.07% |
| Cars | 60.7 | 0.00446 | 8.72e-4 | 61 | 1.07% |
| Scope 2 Total | 177 | 0.0174 | 0.00436 | 279 | 4.87% |
| Business Travel Total | 2.24 | 7.87e-5 | 3.59e-5 | 2.25 | 0.0393% |
| Cars | 2.24 | 7.87e-5 | 3.59e-5 | 2.25 | 0.0393% |
| Commuting Total | 7.41 | 2.49e-4 | 1.18e-4 | 7.45 | 0.13% |
| Cars | 7.41 | 2.49e-4 | 1.18e-4 | 7.45 | 0.13% |
| Electricity and Heating Total | 167 | 0.017 | 0.0042 | 269 | 4.7% |
| District heating | 102 | 0.0131 | 0.00303 | 204 | 3.56% |
| Electricity | 65.1 | 0.00396 | 0.00117 | 65.5 | 1.14% |
| Scope 3 Total | 3,079 | 0.149 | 0.069 | 5,355 | 93.6% |
| Business Travel Total | 996 | 0.0289 | 0.0178 | 1,174 | 20.5% |
| Air travel | 532 | 0.00867 | 0.00845 | 534 | 9.34% |
| Air travel: Flights, long-haul, average, upstream emissions | 0 | 0 | 0 | 10.3 | 0.18% |
| Air travel: Flights, medium-haul, average, upstream emissions | 0 | 0 | 0 | 9.76 | 0.171% |
| Air travel: Flights, short-haul, upstream emissions | 0 | 0 | 0 | 35.8 | 0.626% |
| Cars: Average diesel car, upstream emissions | 0 | 0 | 0 | 0.166 | 0.0029% |
| Cars: Average petrol car, upstream emissions | 0 | 0 | 0 | 3.05 | 0.0533% |
| Cars: Average petrol hybrid car, upstream emissions | 0 | 0 | 0 | 2.41 | 0.0421% |
| Cars: Average unknown fuel car, upstream emissions | 0 | 0 | 0 | 2.18 | 0.0381% |
| Cars: Electricity - transmission & distribution losses (car) | 0.11 | 4.3e-6 | 1.8e-6 | 0.11 | 0.00193% |
| Cars: Electricity grid, T&D losses, upstream emissions | 0 | 0 | 0 | 0.0435 | 7.6e-4% |
| Cars: Electricity grid, generated, upstream emissions | 0 | 0 | 0 | 0.716 | 0.0125% |
| Employee owned cars | 400 | 0.0164 | 0.00892 | 402 | 7.03% |
| Employee owned cars: Average unknown fuel car, upstream emissions | 0 | 0 | 0 | 106 | 1.85% |
| Hotel night stays | 58.8 | 0.00383 | 2.67e-4 | 59 | 1.03% |
| Taxi | 5.76 | 0 | 1.76e-4 | 5.81 | 0.101% |
| Taxi: Regular taxi, upstream emissions | 0 | 0 | 0 | 1.45 | 0.0252% |
| Business travel - External Total | 8.59 | 2.57e-5 | 2.18e-4 | 10.8 | 0.188% |
| | | | | | |

| Bus and c | boach | 6.97 | 2.34e-5 | 1.78e-4 | 7.02 | 0.123% |
|-------------------------|--|--------|---------|---------|--------|----------|
| Bus and c | oach: Average bus, upstream emissions | 0 | 0 | 0 | 1.68 | 0.0294% |
| Bus and c | oach: Local bus, upstream emissions | 0 | 0 | 0 | 0.033 | 5.77e-4% |
| Vans | | 1.62 | 2.33e-6 | 3.99e-5 | 1.63 | 0.0284% |
| Vans: Ave | erage van, upstream emissions | 0 | 0 | 0 | 0.4 | 0.00699% |
| Commuting Total | | 1,465 | 0.108 | 0.0417 | 1,953 | 34.1% |
| Bus and c | oach | 34.9 | 1.16e-4 | 8.91e-4 | 35.2 | 0.615% |
| Bus and c | oach: Average bus, upstream emissions | 0 | 0 | 0 | 8.6 | 0.15% |
| Cars: Ave | rage diesel car, upstream emissions | 0 | 0 | 0 | 0.313 | 0.00546% |
| Cars: Ave | rage petrol car, upstream emissions | 0 | 0 | 0 | 3.62 | 0.0632% |
| Cars: Ave | rage petrol hybrid car, upstream emissions | 0 | 0 | 0 | 12.4 | 0.216% |
| Cars: Ave | rage unknown fuel car, upstream emissions | 0 | 0 | 0 | 0.499 | 0.00873% |
| Cars: Elec (car) | ctricity - transmission & distribution losses | 0.36 | 1.35e-5 | 5.83e-6 | 0.362 | 0.00632% |
| Cars: Elec emissions | ctricity grid, T&D losses, upstream | 0 | 0 | 0 | 0.138 | 0.00241% |
| Cars: Elec | ctricity grid, generated, upstream emissions | 0 | 0 | 0 | 2.34 | 0.0408% |
| Employee | owned cars | 1,371 | 0.0713 | 0.04 | 1,391 | 24.3% |
| Employee emissions | owned cars: Average diesel car, upstream | 0 | 0 | 0 | 170 | 2.97% |
| Employee emissions | owned cars: Average petrol car, upstream | 0 | 0 | 0 | 129 | 2.26% |
| | owned cars: Average petrol hybrid car, emissions | 0 | 0 | 0 | 36.3 | 0.635% |
| | owned cars: Average unknown fuel car, emissions | 0 | 0 | 0 | 37.4 | 0.653% |
| Employee emissions | owned cars: Biodiesel HVO, upstream | 0 | 0 | 0 | 0.74 | 0.0129% |
| | owned cars: Electricity - transmission & n losses (car) | 2.5 | 9.38e-5 | 4.05e-5 | 2.51 | 0.0439% |
| | owned cars: Electricity grid, T&D losses, emissions | 0 | 0 | 0 | 0.956 | 0.0167% |
| | owned cars: Electricity grid, generated, emissions | 0 | 0 | 0 | 16.2 | 0.283% |
| Ferry | | 10.3 | 1.32e-4 | 4.72e-4 | 10.4 | 0.182% |
| Ferry: Fer emissions | ry, average passenger, upstream | 0 | 0 | 0 | 2.37 | 0.0414% |
| Motorcycle | e | 14.3 | 0.0114 | 2.38e-4 | 14.6 | 0.256% |
| Motorcycl emissions | e: Average petrol motorcycle, upstream | 0 | 0 | 0 | 3.81 | 0.0666% |
| Rail (train | , tram, light rail, underground) | 31.2 | 0.025 | 0 | 33.7 | 0.589% |
| | , tram, light rail, underground): und, upstream emissions | 0 | 0 | 0 | 39.3 | 0.686% |
| Walk & Bi | ke | 0.361 | 1.27e-5 | 5.78e-6 | 0.363 | 0.00634% |
| Walk & Bi losses (M | ke: Electricity - transmission & distribution CR) | 0.0177 | 6.93e-7 | 2.89e-7 | 0.0178 | 3.11e-4% |
| | | | | | | |

| amissions Conferences Total 0 0 0.0115 0.0225 Conferences Total 521 0.0038 0.0016 543 11 Air travel 522 0.0038 0.0016 541 6.2 Air travel Flights, medum-haul, average, upstream 0 0 0 12.1 0.275 Bus and coach: Average bus, upstream emissions 0 0.0 0.0 12.1 0.004 Cars Electricity utramsmission & distribution losses 0.0016 2.08-7 2.99-8 0.0017 2.05-7 Cars: Electricity grid, T&D losses, upstream 0 0 0 0.0017 2.05-7 Cars: Electricity grid, generated, upstream emissions 0.0016 2.08-7 2.99-8 0.0017 2.05-7 Cars: Electricity grid, generated, upstream emissions 0 0 0 0.0017 1.26-7 Cars: Electricity grid, generated, upstream 0.0014 2.02-8 1.00-9 0.0017 1.26-7 Cars: Electricity grid, generated, upstream 0.0014 0.00 0.0014 | | | | | | |
|---|---------|---------|---------|---------|---------|--|
| emissions U.T.I. 0.0022 Conferences Total 581 0.0076 0.0088 643 11 Air travel 552 0.00348 0.00816 514 853 Air travel: Flights, medium-haul, average, upstream 0 0 0 121 0.22 Bus and coach 11.2 3.72e-5 2.87e-4 11.3 0.035 Cars 0.00116 3.71e-4 3.13e-5 4.97 0.025 Cars: Electricity runnemissions 0 0 0 1.37 0.025 Cars: Electricity grid, generated, upstream emissions 0 0 0 0.00117 2.05e Cars: Electricity grid, generated, upstream emissions 0 0 0.00117 2.05e Cars: Electricity grid, generated, upstream emissions 0 0 0.00117 1.26e Cars: Electricity grid, generated, upstream emissions 0 0 0.00211 1.26e Ferry: Ferry, average passenger, upstream 0 0 0.00213 0.0023 Rait (main, tram, light rall, u | 1.23e-4 | 0.00701 | 0 | 0 | 0 | |
| Air travel 512 0.0034 0.0016 514 8.8 Air travel: Flights, medium-haul, average, upstream emissions 0 0 0 12.1 0.77 Air travel: Flights, short-haul, upstream emissions 0 0 0 12.1 0.21 Bus and coach: Average bus, upstream emissions 0 0 0 2.87e-4 11.3 0.13 Cars: Average patrol car, upstream emissions 0 0 0 1.37 0.001 Cars: Electricity grid, T&D losses, upstream 0 0 0 0.00117 2.05e Cars: Electricity grid, T&D losses, upstream 0 0 0 0.00117 2.05e Cars: Electricity grid, T&D losses, upstream 0 0 0 0.021 1.25e Cars: Electricity grid, T&D losses, upstream 0 0 0 0.021 1.25e Cars: Electricity grid, T&D losses, upstream 0 0 0.021 1.25e Cars: Electricity grid, T&D losses | 0.00202 | 0.115 | 0 | 0 | 0 | |
| Air travel: Flights, medium-haul, average, upstream emissions 0 0 0 41.7 0.72 Air travel: Flights, short-haul, upstream emissions 0 0 0 12.1 0.21 Bus and coach 112 3.72e-5 2.87e-4 11.3 0.15 Bus and coach: Average bus, upstream emissions 0 0 0 1.37 0.02 Cars: Average petrol car, upstream emissions 0 0.00 0 1.37 0.02 Cars: Electricity critteram emissions 0 0 0 0.00117 2.05e Cars: Electricity grid, T&D losses, upstream 0 0 0 0.00179 1.26e Cars: Electricity grid, generated, upstream emissions 0 0 0 0.00179 1.26e Ferry 2.29 2.99e-8 1.04e4 2.31 0.044 All (train, tram, light rail, underground) 1.33 2.16e-4 3.42e-5 1.35 0.022 Rail (train, tram, light rail, underground): Eurostar, upstream emissions 0 0 0.0263 0.004 0.0253 | 11.2 | 643 | 0.0088 | 0.0076 | 581 | Conferences Total |
| emissions 0 0 0 0 11.2 0.72 Air travel: Flights, short-haul, upstream emissions 0 0 0 12.1 0.21 Bus and coach 11.2 3.72e-5 2.87e-4 11.3 0.15 Bus and coach: Average bus, upstream emissions 0 0 0 1.37 0.06 Cars: Average potrol car, upstream emissions 0 0 0 0.0117 2.95e Cars: Electricity of transmission & distribution losses 0.00116 2.08e-7 2.99e-8 0.00117 2.05e Cars: Electricity grid, generated, upstream emissions 0 0 0 0.00719 1.26e Ferry 2.28 2.93e-5 1.04e-4 2.31 0.044 Ferry Average passenger, upstream 0 0 0 0.524 0.0091 Hotel right stays 46.2 0.00346 1.06e-4 3.42e-5 1.35 0.025 Rail (train, tran, light rail, underground): Eurostar, upstream emissions 0 0 0.628 0.0017 <td< td=""><td>8.99</td><td>514</td><td>0.00816</td><td>0.00348</td><td>512</td><td>Air travel</td></td<> | 8.99 | 514 | 0.00816 | 0.00348 | 512 | Air travel |
| Bus and coach 11.2 3.72e-5 2.87e-4 11.3 0.15 Bus and coach: Average bus, upstream emissions 0 0 2.76 0.044 Cars 4.95 3.71e-4 3.13e-5 4.97 0.066 Cars: Average petrol car, upstream emissions 0 0 0 1.37 0.07 Cars: Electricity - transmission & distribution losses (car) 0.00116 2.08e-7 2.99e-8 0.00117 2.05e Cars: Electricity grid, T&D losses, upstream emissions 0 0 0 0.00171 1.26e Ferry 2.28 2.93e-5 1.04e-4 2.31 0.044 Ferry 2.28 2.93e-5 1.04e-4 2.31 0.044 Ferry 2.28 2.93e-5 1.04e-4 2.31 0.044 Ferry Average passenger, upstream emissions 0 0 0.0354 0.0051 Hotel night stays 46.2 0.0346 1.06e-4 46.3 0.82 Rail (train, tram, light rail, underground) 1.33 2.16e-4 <t< td=""><td>0.729</td><td>41.7</td><td>0</td><td>0</td><td>0</td><td></td></t<> | 0.729 | 41.7 | 0 | 0 | 0 | |
| Bus and coach: Average bus, upstream emissions 0 0 2.76 0.044 Cars 4.95 3.716-4 3.13e-5 4.97 0.086 Cars: Average petrol car, upstream emissions 0 0 0.37 0.02 Cars: Electricity - transmission & distribution losses (car) 0.00116 2.08e-7 2.99e-8 0.00117 2.05e Cars: Electricity grid, T&D losses, upstream emissions 0 0 0 0.00119 1.26e Cars: Electricity grid, generated, upstream emissions 0 0 0 0.0524 0.0097 Ferry: Ferry, average passenger, upstream emissions 0 0 0 0.524 0.0097 Hotel night stays 46.2 0.00346 1.06e-4 46.3 0.82 Rail (train, tram, light rail, underground): Eurostar, upstream emissions 0 0 0.0524 0.0097 Taxi Regular taxi, upstream emissions 0 0 0.628 0.0014 Ibetricity and Heating: District Heating, Clobeborg. Partille: Ale, Swoedon, Upstream emissions 0 0 0.0253 0.0042 | 0.211 | 12.1 | 0 | 0 | 0 | Air travel: Flights, short-haul, upstream emissions |
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| Cars: Average petrol car, upstream emissions001.370.02Cars: Electricity - transmission & distribution losses (car)0.001162.08e-72.99e-80.001172.05eCars: Electricity grid, T&D losses, upstream emissions0005.74e-41eCars: Electricity grid, generated, upstream emissions0000.007191.26eCars: Electricity grid, generated, upstream emissions0000.007191.26eFerry2.282.93e-51.04e-42.310.040Ferry, Ferry, average passenger, upstream emissions0000.5240.0091Hotel night stays46.20.003461.06e-446.30.80Rail (train, tram, light rail, underground)1.332.16e-43.42e-51.350.022Taxi2.507.64e-52.520.044Taxi< | 0.0482 | 2.76 | 0 | 0 | 0 | Bus and coach: Average bus, upstream emissions |
| Cars: Electricity - transmission & distribution losses (car)0.001162.08e-72.99e-80.001172.05eCars: Electricity grid, T&D losses, upstream emissions0005.74e-41eCars: Electricity grid, generated, upstream emissions0000.007191.26eFerry2.282.93e-51.04e-42.310.040Ferry: Ferry, average passenger, upstream emissions0000.5240.0091Hotel night stays46.20.003461.06e-446.30.02Rail (train, tram, light rail, underground)1.332.16e-43.42e-51.350.023Rail (train, tram, light rail, underground): Eurostar, upstream emissions0000.6280.011Taxi2.507.64e-52.520.0141District heating: District Heating (Göleborg, Partille, Ale, Sweden), upstream emissions0000.0230.0032District heating: District Heating, Affarswerken Kartskrona AB, Karlskrona, upstream emissions0000.2230.0032District heating: District Heating, Jänktraft AB, Oatersund, upstream emissions0000.2760.0042District heating: District Heating, Jänktraft AB, Oatersund, upstream emissions0000.3220.0052District heating: District Heating, Jänktraft AB, Oatersund, upstream emissions0000.3220.0052District heating: District Heating, Karlskab Energi AB, Karlsk | 0.0868 | 4.97 | 3.13e-5 | 3.71e-4 | 4.95 | Cars |
| (car)0.001162.086-72.998-80.001172.056Cars: Electricity grid, T&D losses, upstream emissions0005.746-41eCars: Electricity grid, generated, upstream emissions0000.007191.266Ferry2.282.936-51.04e-42.310.044Ferry: Ferry, average passenger, upstream emissions0000.5240.00971Hotel night stays46.20.003461.06e-446.30.88Rail (train, tram, light rail, underground)1.332.16e-43.42e-51.350.025Rail (train, tram, light rail, underground): Eurostar, upstream emissions0000.6280.0061Taxi2.507.64e-52.520.044Taxi2.507.64e-52.520.0044Itricit heating: District Heating (Göteborg, Partille, Ale, Sweden), upstream emissions000.6280.0044District heating: District Heating, Affarsverken Karlskrona AB, Karlskrona, upstream emissions000.2030.0032District heating: District Heating, Gåvle Energi AB, Gåvle, upstream emissions000.22760.0044District heating: District Heating, Jäntkraft AB, Ostersund, upstream emissions000.22760.0044District heating: District Heating, Jäntkraft AB, Ostersund, upstream emissions000.22760.0045District heating: District Heating, Jäntkraft AB, Ostersund, upstream emissions0< | 0.024 | 1.37 | 0 | 0 | 0 | Cars: Average petrol car, upstream emissions |
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| Ferry2.282.93e-51.04e-42.310.042Ferry: Ferry, average passenger, upstream emissions0000.5240.0091Hotel night stays46.20.003461.06e-446.30.80Rail (train, tram, light rail, underground)1.332.16e-43.42e-51.350.022Rail (train, tram, light rail, underground): Eurostar, upstream emissions0000.3540.0061Taxi2.507.64e-52.520.044Taxi: Regular taxi, upstream emissions0000.6280.016District heating: District Heating (Göteborg, Partille. Ale, Sweden), upstream emissions0000.2530.0044District heating: District Heating, Affarsverken Karlskrona AB, Karlskrona, upstream emissions0000.2530.0044District heating: District Heating, Göte Energi AB, Gävle, upstream emissions0000.02030.0032District heating: District Heating, Jököping Energi AB, Gävle, upstream emissions0000.016130.010District heating: District Heating, Jököping Energi AB, Gävle, upstream emissions0000.02760.0046District heating: District Heating, Jököping Energi AB, Gävle, upstream emissions0000.02760.0046District heating: District Heating, Jököping Energi AB, Gävle, upstream emissions0000.02760.0046District heating: District Heating, Jököping Energi AB | 1e-5 | 5.74e-4 | 0 | 0 | 0 | |
| Ferry: Ferry, average passenger, upstream emissions0000.5240.0091Hotel night stays46.20.003461.06e-446.30.62Rail (train, tram, light rail, underground)1.332.16e-43.42e-51.350.023Rail (train, tram, light rail, underground): Eurostar, upstream emissions0000.3540.0061Taxi2.507.64e-52.520.044Taxi: Regular taxi, upstream emissions0000.6280.01ectricity and Heating Total16.40.003742.2e-41031District heating: District Heating (Göteborg. Partille. Ale, Sweden), upstream emissions0000.2530.0044District heating: District Heating, Affärsverken Karlskrona AB, Karlskrona, upstream emissions0000.2030.0032District heating: District Heating, Borlänge Energi AB, Gåvle, upstream emissions0000.6130.016District heating: District Heating, Jämtkraft AB, Cortanu, upstream emissions000.02760.0048District heating: District Heating, Jämtkraft AB, Costersund, upstream emissions000.3020.0052District heating: District Heating, Jämtkraft AB, Costersund, upstream emissions000.02760.0046District heating: District Heating, Jämtkraft AB, Costersund, upstream emissions000.3020.0052District heating: District Heating, Luleä Energi AB, AB, Stockholm, upstream emiss | 1.26e-4 | 0.00719 | 0 | 0 | 0 | Cars: Electricity grid, generated, upstream emissions |
| emissions0000.5240.0091Hotel night stays46.20.003461.06e-446.30.86Rail (train, tram, light rail, underground)1.332.16e-43.42e-51.350.023Rail (train, tram, light rail, underground): Eurostar, upstream emissions000.3540.0061Taxi2.507.64e-52.520.044Taxi2.507.64e-52.520.044tricity and Heating Total16.40.003742.2e-41031District heating: District Heating (Göteborg, Partille, Ale, Sweden), upstream emissions0000.2530.0044District heating: District Heating, Göteborg, Partille, Ale, Sweden), upstream emissions0000.2530.0044District heating: District Heating, Botlänge Energi AB, Gävle, upstream emissions0000.2030.0032District heating: District Heating, District Heating, Gävle Energi AB, Gävle, upstream emissions0000.016130.0164District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions000.2760.0046District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions000.2760.0046District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions000.2760.0046District heating: District Heating, Stockholm Exergi AB, Kantstad, upstream emissions000.3020.0526< | 0.0404 | 2.31 | 1.04e-4 | 2.93e-5 | 2.28 | Ferry |
| Rail (train, tram, light rail, underground)1.332.16e-43.42e-51.350.023Rail (train, tram, light rail, underground): Eurostar, upstream emissions000.3540.0061Taxi2.507.64e-52.520.044TaxiRegular taxi, upstream emissions0000.6280.01tricity and Heating Total16.40.003742.2e-41031District heating: District Heating (Göteborg. Partille. Ale, Sweden), upstream emissions0000.2530.0044District heating: District Heating, Affärsverken Karlskrona AB, Karlskrona, upstream emissions0000.2530.0044District heating: District Heating, Borlänge Energi AB, Borlänge, upstream emissions0000.2030.0035District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.016District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions000.2760.0042District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions000.22760.0042District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions000.2760.0052District heating: District Heating, Stockholm Exergi AB, Karlstad, upstream emissions000.05469.538District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions000.03220.0322 <t< td=""><td>0.00915</td><td>0.524</td><td>0</td><td>0</td><td>0</td><td></td></t<> | 0.00915 | 0.524 | 0 | 0 | 0 | |
| Rail (train, tram, light rail, underground): Eurostar, upstream emissions000.3540.0061TaxiTaxi2.507.64e-52.520.044Taxi: Regular taxi, upstream emissions0000.6280.01ctricity and Heating Total16.40.003742.2e-41031District heating: District Heating (Göteborg. Partille. Ale, Sweden), upstream emissions0000.2530.0044District heating: District Heating, Affärsverken Karlskrona, upstream emissions0000.2530.0044District heating: District Heating, Borlänge Energi AB, Borlänge, upstream emissions0000.00380.0016District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.008830.0016District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.02760.0044District heating: District Heating, Jönköping Energi AB, Karlstad, upstream emissions0000.2760.0044District heating: District Heating, Jönköping Energi AB, Karlstad, upstream emissions0000.05260.0526District heating: District Heating, Luleå Energi AB, AB, Karlstad, upstream emissions0000.05469.53eDistrict heating: District Heating, Luleå Energi AB, Luleå, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissio | 0.809 | 46.3 | 1.06e-4 | 0.00346 | 46.2 | Hotel night stays |
| upstream emissions0000.3540.0061TaxiTaxi2.507.64e-52.520.044Taxi: Regular taxi, upstream emissions0000.6280.01tricity and Heating Total16.40.003742.2e-41031District heating: District Heating (Göteborg. Partille. Ale, Sweden), upstream emissions0000.6280.004District heating: District Heating, Affärsverken Karlskrona AB, Karlskrona, upstream emissions0000.2530.0044District heating: District Heating, Borlänge Energi AB, Borlänge, upstream emissions0000.2030.0036District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.08830.0016District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.010District heating: District Heating, Jönköping Energi AB, Karlstad, upstream emissions000.2760.0042District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions000.05260.53eDistrict heating: District Heating, Karlstads Energi AB, Luleå, upstream emissions000.05469.53eDistrict heating: District Heating, Karlstads Energi AB, AB, Karlstad, upstream emissions000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions000.03220.0325Dis | 0.0235 | 1.35 | 3.42e-5 | 2.16e-4 | 1.33 | Rail (train, tram, light rail, underground) |
| Taxi: Regular taxi, upstream emissions000.6280.01ricity and Heating Total16.40.003742.2e-41031District heating: District Heating (Göteborg, Partille. Ale, Sweden), upstream emissions001.660.02District heating: District Heating, Affärsverken Karlskrona AB, Karlskrona, upstream emissions000.2530.0044District heating: District Heating, Borlänge Energi AB, Borlänge, upstream emissions0000.2030.0035District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.08830.0015District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.010District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0042District heating: District Heating, Jönköping Energi AB, Karlstad, upstream emissions0000.2760.0042District heating: District Heating, Jönköping Energi AB, Karlstad, upstream emissions0000.2760.0042District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions000.3020.0052District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions0000.2330.0052District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0000.05469.53eDistrict heating: District Heatin | 0.00618 | 0.354 | 0 | 0 | 0 | |
| tricity and Heating Total16.40.003742.2e-41031District heating: District Heating (Göteborg. Partille. Ale, Sweden), upstream emissions0001.660.02District heating: District Heating, Affärsverken Karlskrona AB, Karlskrona, upstream emissions0000.2530.0044District heating: District Heating, Borlänge Energi AB, Borlänge, upstream emissions0000.2030.0036District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.2030.0036District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.016District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0046District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0046District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.2760.0046District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0000.0320.035District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions <td< td=""><td>0.0441</td><td>2.52</td><td>7.64e-5</td><td>0</td><td>2.5</td><td>Тахі</td></td<> | 0.0441 | 2.52 | 7.64e-5 | 0 | 2.5 | Тахі |
| District heating: District Heating (Göteborg. Partille. Ale, Sweden), upstream emissions001.660.02District heating: District Heating, Affärsverken Karlskrona AB, Karlskrona, upstream emissions0000.2530.0044District heating: District Heating, Borlänge Energi AB, Borlänge, upstream emissions0000.2030.0035District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.2030.0035District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.08830.0015District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.010District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0048District heating: District Heating, Jönköping Energi AB, Karlstad, upstream emissions0000.2760.0052District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.3020.0052District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0000.035District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions000.035469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissio | 0.011 | 0.628 | 0 | 0 | 0 | Taxi: Regular taxi, upstream emissions |
| Ale, Sweden), upstream emissions0001.660.02District heating: District Heating, Affärsverken Karlskrona AB, Karlskrona, upstream emissions0000.2530.0044District heating: District Heating, Borlänge Energi AB, Borlänge, upstream emissions0000.2030.0035District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.08830.0015District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.016District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.016District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0048District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.3020.0052District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.3020.0052District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035District heating: District Heating: District Heating: District Heating: District HeatingStockholm, upstream e | 1.8 | 103 | 2.2e-4 | 0.00374 | 16.4 | tricity and Heating Total |
| Karlskrona AB, Karlskrona, upstream emissions0000.2530.0044District heating: District Heating, Borlänge Energi AB, Borlänge, upstream emissions0000.2030.0035District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.08830.0015District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.016District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.016District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0048District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.3020.0052District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions00 <td>0.029</td> <td>1.66</td> <td>0</td> <td>0</td> <td>0</td> <td></td> | 0.029 | 1.66 | 0 | 0 | 0 | |
| Borlänge, upstream emissions0000.2030.0038District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions0000.08830.0015District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.010District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.010District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0048District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.3020.0052District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002 | 0.00442 | 0.253 | 0 | 0 | 0 | |
| Gävle, upstream emissions0000.08830.0018District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions0000.6130.010District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0048District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.3020.0052District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035District heating: District Heating, District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035 | 0.00355 | 0.203 | 0 | 0 | 0 | |
| Östersund, upstream emissions0000.6130.010District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions0000.2760.0048District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions0000.3020.0052District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions0000.05469.53eDistrict heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions0002.010.035 | 0.00154 | 0.0883 | 0 | 0 | 0 | |
| AB, Jönköping, upstream emissions 0 0 0 0.276 0.0048 District heating: District Heating, Karlstads Energi 0 0 0 0.302 0.052 AB, Karlstad, upstream emissions 0 0 0 0 0.302 0.0052 District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions 0 0 0 0.0546 9.53e District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions 0 0 0 2.01 0.035 | 0.0107 | 0.613 | 0 | 0 | 0 | |
| AB, Karlstad, upstream emissions 0 0 0 0.302 0.0052 District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions 0 0 0 0.0546 9.53e District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions 0 0 0 0.0362 0.0352 District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions 0 0 0 2.01 0.035 | 0.00482 | 0.276 | 0 | 0 | 0 | |
| Luleå, upstream emissions 0 0 0 0.0546 9.53e District heating: District Heating, Stockholm Exergi 0 0 0 0.035 AB, Stockholm, upstream emissions 0 0 0 2.01 0.035 District heating: District Heating, Stockholm Exergi 0 0 0 2.01 0.035 | 0.00528 | 0.302 | 0 | 0 | 0 | |
| AB, Stockholm, upstream emissions | 9.53e-4 | 0.0546 | 0 | 0 | 0 | |
| District heating: District Heating, Sundsvall Energi | 0.0351 | 2.01 | 0 | 0 | 0 | · · · · |
| AB, upstream emissions 0 0 0 0.378 0.0066 | 0.00661 | 0.378 | 0 | 0 | 0 | District heating: District Heating, Sundsvall Energi AB, upstream emissions |

| | Total | 3,346 | 0.172 | 0.0746 | 5,723 | 10 |
|----------|--|-------|---------|---------|--------------|-------|
| | Non-hazardous waste | 0 | 0 | 0 | 0.00213 | 3.72e |
| Waste Te | otal | 0 | 0 | 0 | 0.00213 | 3.72e |
| | Material use: construction | 0 | 0 | 0 | 456 | 7.9 |
| | IT Equipment | 0 | 0 | 0 | 380 | 6.6 |
| | s purchased Total | 0 | 0 | 0 | 836 | 14 |
| | Electricity consumption | 0 | 0 | 0 | 45.4 | 0.73 |
| | emissions | 0 | 0 | 0 | 3.93 45.4 | 0.068 |
| | Home working: Electricity grid, T&D losses, upstream emissions Home working: Electricity grid, generated, upstream | 0 | 0 | 0 | 0.239 | 0.004 |
| | Home working: Electricity - transmission & distribution losses (MCR) | 0.602 | 2.36e-5 | 9.85e-6 | 0.606 | 0.01 |
| | Home working | 12.3 | 4.32e-4 | 1.97e-4 | 12.3 | 0.2 |
| Homewo | rkers Total | 12.9 | 4.55e-4 | 2.07e-4 | 17.1 | 0.2 |
| | Food | 0 | 0 | 0 | 341 | 5. |
| | Coffee and fruit | 0 | 0 | 0 | 233 | 4. |
| Food To | | 0 | 0 | 0 | 574 | |
| | Electricity: Electricity grid, generated, upstream emissions | 0 | 0 | 0 | 26.1 | 0.4 |
| | Electricity: Electricity grid, T&D losses, upstream emissions | 0 | 0 | 0 | 1.66 | 0.0 |
| | Electricity: Electricity - transmission & distribution losses (MCR) | 3.24 | 2.22e-4 | 6.01e-5 | 3.26 | 0.0 |
| | District heating: Heat/steam, good quality CHP: UK average, upstream emissions | 0 | 0 | 0 | 47 | 0.8 |
| | District heating: Heat/steam, good quality CHP: UK average - transmission & distribution losses | 13.2 | 0.00352 | 1.59e-4 | 13.3 | 0.2 |
| | District heating: Heat/steam, good quality CHP: UK average - T&D losses, upstream emissions | 0 | 0 | 0 | 2.48 | 0.04 |
| | District heating: District heating, Trollhattan Energi AB, upstream emissions | 0 | 0 | 0 | 0.403 | 0.007 |
| | District heating: District heating, Kraftringen, Eslov, Lomma & Lund, upstream emissions | 0 | 0 | 0 | 0.121 | 0.002 |
| | District heating: District heating (EON - Malmö-Burlöv, Sweden), upstream emissions | 0 | 0 | 0 | 1.39 | 0.02 |
| | District heating: District heating (EON - Hallsberg-Örebro-Kumla, Sweden), upstream emissions | 0 | 0 | 0 | 0.0598 | 0.001 |
| | District heating: District Heating, Öresundskraft AB, Helsingborg, upstream emissions | 0 | 0 | 0 | 0.178 | 0.003 |
| | District heating: District Heating, Vattenfall AB, Uppsala, upstream emissions | 0 | 0 | 0 | 0.113 | 0.001 |
| | District heating: District Heating, Umeå Energi AB, Sävar, upstream emissions | 0 | 0 | 0 | 0.601 | 0.01 |
| | Linköping AB, Linköping, upstream emissions | | | | | |

Market-Based methodology

| Source of Emiss | sions | tCO ₂ /yr | tCH ₄ /yr | tN ₂ O/yr | Total Emissions (tCO ₂ e/yr) | % |
|-----------------|---|----------------------|----------------------|----------------------|---|----------|
| Scope 1 Total | | 89.2 | 0.00633 | 0.0013 | 89.7 | 1.57% |
| Busines | s Travel Total | 28.5 | 0.00186 | 4.25e-4 | 28.7 | 0.503% |
| | Cars | 28.5 | 0.00186 | 4.25e-4 | 28.7 | 0.503% |
| Commut | ting Total | 60.7 | 0.00446 | 8.72e-4 | 61 | 1.07% |
| | Cars | 60.7 | 0.00446 | 8.72e-4 | 61 | 1.07% |
| Scope 2 Total | | 167 | 0.0139 | 0.00343 | 269 | 4.72% |
| Busines | s Travel Total | 2.24 | 7.87e-5 | 3.59e-5 | 2.25 | 0.0395% |
| | Cars | 2.24 | 7.87e-5 | 3.59e-5 | 2.25 | 0.0395% |
| Commut | ting Total | 7.41 | 2.49e-4 | 1.18e-4 | 7.45 | 0.131% |
| | Cars | 7.41 | 2.49e-4 | 1.18e-4 | 7.45 | 0.131% |
| Electricit | ty and Heating Total | 158 | 0.0136 | 0.00328 | 259 | 4.55% |
| | District heating | 102 | 0.0131 | 0.00303 | 204 | 3.57% |
| | Electricity | 55.5 | 5.21e-4 | 2.43e-4 | 55.8 | 0.98% |
| Scope 3 Total | | 3,077 | 0.149 | 0.0689 | 5,340 | 93.7% |
| Busines | s Travel Total | 996 | 0.0289 | 0.0178 | 1,174 | 20.6% |
| | Air travel | 532 | 0.00867 | 0.00845 | 534 | 9.38% |
| | Air travel: Flights, long-haul, average, upstream emissions | 0 | 0 | 0 | 10.3 | 0.181% |
| | Air travel: Flights, medium-haul, average, upstream emissions | 0 | 0 | 0 | 9.76 | 0.171% |
| | Air travel: Flights, short-haul, upstream emissions | 0 | 0 | 0 | 35.8 | 0.629% |
| | Cars: Average diesel car, upstream emissions | 0 | 0 | 0 | 0.166 | 0.00291% |
| | Cars: Average petrol car, upstream emissions | 0 | 0 | 0 | 3.05 | 0.0536% |
| | Cars: Average petrol hybrid car, upstream emissions | 0 | 0 | 0 | 2.41 | 0.0423% |
| | Cars: Average unknown fuel car, upstream emissions | 0 | 0 | 0 | 2.18 | 0.0383% |
| | Cars: Electricity - transmission & distribution losses (car) | 0.11 | 4.3e-6 | 1.8e-6 | 0.11 | 0.00194% |
| | Cars: Electricity grid, T&D losses, upstream emissions | 0 | 0 | 0 | 0.0435 | 7.64e-4% |
| | Cars: Electricity grid, generated, upstream emissions | 0 | 0 | 0 | 0.716 | 0.0126% |
| | Employee owned cars | 400 | 0.0164 | 0.00892 | 402 | 7.06% |
| | Employee owned cars: Average unknown fuel car, upstream emissions | 0 | 0 | 0 | 106 | 1.86% |
| | Hotel night stays | 58.8 | 0.00383 | 2.67e-4 | 59 | 1.03% |
| | Тахі | 5.76 | 0 | 1.76e-4 | 5.81 | 0.102% |
| | Taxi: Regular taxi, upstream emissions | 0 | 0 | 0 | 1.45 | 0.0254% |
| Busines | s travel - External Total | 8.59 | 2.57e-5 | 2.18e-4 | 10.8 | 0.189% |
| | Bus and coach | 6.97 | 2.34e-5 | 1.78e-4 | 7.02 | 0.123% |

| В | us and coach: Average bus, upstream emissions | 0 | 0 | 0 | 1.68 | 0.0295% |
|-----------|---|--------|---------|---------|---------|----------|
| В | us and coach: Local bus, upstream emissions | 0 | 0 | 0 | 0.033 | 5.79e-4% |
| V | ans | 1.62 | 2.33e-6 | 3.99e-5 | 1.63 | 0.0286% |
| V | ans: Average van, upstream emissions | 0 | 0 | 0 | 0.4 | 0.00702% |
| Commutine | g Total | 1,465 | 0.108 | 0.0417 | 1,953 | 34.3% |
| В | us and coach | 34.9 | 1.16e-4 | 8.91e-4 | 35.2 | 0.618% |
| В | us and coach: Average bus, upstream emissions | 0 | 0 | 0 | 8.6 | 0.151% |
| С | ars: Average diesel car, upstream emissions | 0 | 0 | 0 | 0.313 | 0.00549% |
| С | ars: Average petrol car, upstream emissions | 0 | 0 | 0 | 3.62 | 0.0635% |
| С | ars: Average petrol hybrid car, upstream emissions | 0 | 0 | 0 | 12.4 | 0.217% |
| С | ars: Average unknown fuel car, upstream emissions | 0 | 0 | 0 | 0.499 | 0.00876% |
| | ars: Electricity - transmission & distribution losses ar) | 0.36 | 1.35e-5 | 5.83e-6 | 0.362 | 0.00635% |
| | ars: Electricity grid, T&D losses, upstream nissions | 0 | 0 | 0 | 0.138 | 0.00242% |
| С | ars: Electricity grid, generated, upstream emissions | 0 | 0 | 0 | 2.34 | 0.041% |
| E | mployee owned cars | 1,371 | 0.0713 | 0.04 | 1,391 | 24.4% |
| | mployee owned cars: Average diesel car, upstream missions | 0 | 0 | 0 | 170 | 2.99% |
| | mployee owned cars: Average petrol car, upstream missions | 0 | 0 | 0 | 129 | 2.27% |
| | mployee owned cars: Average petrol hybrid car, ostream emissions | 0 | 0 | 0 | 36.3 | 0.637% |
| | mployee owned cars: Average unknown fuel car, ostream emissions | 0 | 0 | 0 | 37.4 | 0.655% |
| | mployee owned cars: Biodiesel HVO, upstream nissions | 0 | 0 | 0 | 0.74 | 0.013% |
| | mployee owned cars: Electricity - transmission & stribution losses (car) | 2.5 | 9.38e-5 | 4.05e-5 | 2.51 | 0.0441% |
| | mployee owned cars: Electricity grid, T&D losses, ostream emissions | 0 | 0 | 0 | 0.956 | 0.0168% |
| | mployee owned cars: Electricity grid, generated, ostream emissions | 0 | 0 | 0 | 16.2 | 0.284% |
| F | erry | 10.3 | 1.32e-4 | 4.72e-4 | 10.4 | 0.183% |
| | erry: Ferry, average passenger, upstream nissions | 0 | 0 | 0 | 2.37 | 0.0415% |
| Μ | otorcycle | 14.3 | 0.0114 | 2.38e-4 | 14.6 | 0.257% |
| | otorcycle: Average petrol motorcycle, upstream missions | 0 | 0 | 0 | 3.81 | 0.0669% |
| R | ail (train, tram, light rail, underground) | 31.2 | 0.025 | 0 | 33.7 | 0.591% |
| | ail (train, tram, light rail, underground): nderground, upstream emissions | 0 | 0 | 0 | 39.3 | 0.689% |
| W | /alk & Bike | 0.361 | 1.27e-5 | 5.78e-6 | 0.363 | 0.00637% |
| | /alk & Bike: Electricity - transmission & distribution sses (MCR) | 0.0177 | 6.93e-7 | 2.89e-7 | 0.0178 | 3.12e-4% |
| | /alk & Bike: Electricity grid, T&D losses, upstream nissions | 0 | 0 | 0 | 0.00701 | 1.23e-4% |
| | | | | | | |

| | Nalk & Bike: Electricity grid, generated, upstream emissions | 0 | 0 | 0 | 0.115 | 0.00203% |
|-------------|--|---------|---------|---------|---------|----------|
| Conference | ces Total | 581 | 0.0076 | 0.0088 | 643 | 11.3% |
| ŀ | Air travel | 512 | 0.00348 | 0.00816 | 514 | 9.03% |
| | Air travel: Flights, medium-haul, average, upstream emissions | 0 | 0 | 0 | 41.7 | 0.732% |
| ŀ | Air travel: Flights, short-haul, upstream emissions | 0 | 0 | 0 | 12.1 | 0.212% |
| E | Bus and coach | 11.2 | 3.72e-5 | 2.87e-4 | 11.3 | 0.198% |
| E | Bus and coach: Average bus, upstream emissions | 0 | 0 | 0 | 2.76 | 0.0485% |
| (| Cars | 4.95 | 3.71e-4 | 3.13e-5 | 4.97 | 0.0872% |
| (| Cars: Average petrol car, upstream emissions | 0 | 0 | 0 | 1.37 | 0.0241% |
| | Cars: Electricity - transmission & distribution losses car) | 0.00116 | 2.08e-7 | 2.99e-8 | 0.00117 | 2.05e-5% |
| | Cars: Electricity grid, T&D losses, upstream emissions | 0 | 0 | 0 | 5.74e-4 | 1.01e-5% |
| (| Cars: Electricity grid, generated, upstream emissions | 0 | 0 | 0 | 0.00719 | 1.26e-4% |
| F | Ferry | 2.28 | 2.93e-5 | 1.04e-4 | 2.31 | 0.0405% |
| | Ferry: Ferry, average passenger, upstream emissions | 0 | 0 | 0 | 0.524 | 0.00919% |
| ŀ | Hotel night stays | 46.2 | 0.00346 | 1.06e-4 | 46.3 | 0.812% |
| F | Rail (train, tram, light rail, underground) | 1.33 | 2.16e-4 | 3.42e-5 | 1.35 | 0.0236% |
| | Rail (train, tram, light rail, underground): Eurostar, upstream emissions | 0 | 0 | 0 | 0.354 | 0.0062% |
| ٦ | Гахі | 2.5 | 0 | 7.64e-5 | 2.52 | 0.0443% |
| ٦ | Faxi: Regular taxi, upstream emissions | 0 | 0 | 0 | 0.628 | 0.011% |
| Electricity | and Heating Total | 13.9 | 0.00355 | 1.71e-4 | 87.7 | 1.54% |
| | District heating: District Heating (Göteborg. Partille. Ale, Sweden), upstream emissions | 0 | 0 | 0 | 1.66 | 0.0291% |
| | District heating: District Heating, Affärsverken Karlskrona AB, Karlskrona, upstream emissions | 0 | 0 | 0 | 0.253 | 0.00444% |
| | District heating: District Heating, Borlänge Energi AB, 3orlänge, upstream emissions | 0 | 0 | 0 | 0.203 | 0.00357% |
| | District heating: District Heating, Gävle Energi AB, Gävle, upstream emissions | 0 | 0 | 0 | 0.0883 | 0.00155% |
| | District heating: District Heating, Jämtkraft AB, Östersund, upstream emissions | 0 | 0 | 0 | 0.613 | 0.0108% |
| | District heating: District Heating, Jönköping Energi AB, Jönköping, upstream emissions | 0 | 0 | 0 | 0.276 | 0.00484% |
| | District heating: District Heating, Karlstads Energi AB, Karlstad, upstream emissions | 0 | 0 | 0 | 0.302 | 0.0053% |
| | District heating: District Heating, Luleå Energi AB, Luleå, upstream emissions | 0 | 0 | 0 | 0.0546 | 9.57e-4% |
| | District heating: District Heating, Stockholm Exergi AB, Stockholm, upstream emissions | 0 | 0 | 0 | 2.01 | 0.0353% |
| | District heating: District Heating, Sundsvall Energi AB, upstream emissions | 0 | 0 | 0 | 0.378 | 0.00664% |
| | District heating: District Heating, Tekniska Verken i .inköping AB, Linköping, upstream emissions | 0 | 0 | 0 | 0.252 | 0.00443% |
| | | | | | | |

| | Total | 3,334 | 0.169 | 0.0736 | 5,699 | 100 |
|-----------|---|-------|---------|---------|--------------|--------------------|
| vvaste 1 | Non-hazardous waste | 0 | 0 | 0 | 0.00213 | 3.73e-5 3.73e-5 |
| Waste T | Material use: construction | 0 | 0 | 0 | 456 | 3 730-5 |
| | IT Equipment | 0 | 0 | 0 | 380 | 6.66 |
| Materials | s purchased Total | 0 | 0 | 0 | 836 | 14.7 |
| | Electricity consumption | 0 | 0 | 0 | 45.4 | 0.796 |
| Hosted s | servers Total | 0 | 0 | 0 | 45.4 | 0.796 |
| | Home working: Electricity grid, generated, upstream emissions | 0 | 0 | 0 | 3.93 | 0.0689 |
| | Home working: Electricity grid, T&D losses, upstream emissions | 0 | 0 | 0 | 0.239 | 0.00419 |
| | Home working: Electricity - transmission & distribution losses (MCR) | 0.602 | 2.36e-5 | 9.85e-6 | 0.606 | 0.010 |
| | Home working | 12.3 | 4.32e-4 | 1.97e-4 | 12.3 | 0.21 |
| Homewo | orkers Total | 12.9 | 4.55e-4 | 2.07e-4 | 17.1 | 0. |
| | Food | 0 | 0 | 0 | 341 | 5.9 |
| | Coffee and fruit | 0 | 0 | 0 | 233 | 4.0 |
| Food To | | 0 | 0 | 0 | 574 | 10. |
| | emissions Electricity: MBI Upstream Emissions | 0 | 0 | 0 | 5.59 9.21 | 0.098 |
| | emissions Electricity: Electricity grid, generated, upstream | 0 | 0 | 0 | 0.36 | 0.0063 |
| | Electricity: Electricity - transmission & distribution losses (MCR) Electricity: Electricity grid, T&D losses, upstream | 0.75 | 2.57e-5 | 1.2e-5 | 0.754 | 0.013 |
| | District heating: Heat/steam, good quality CHP: UK average, upstream emissions | 0 | 0 | 0 | 47 | 0.82 |
| | District heating: Heat/steam, good quality CHP: UK average - transmission & distribution losses | 13.2 | 0.00352 | 1.59e-4 | 13.3 | 0.23 |
| | District heating: Heat/steam, good quality CHP: UK average - T&D losses, upstream emissions | 0 | 0 | 0 | 2.48 | 0.043 |
| | District heating: District heating, Trollhattan Energi AB, upstream emissions | 0 | 0 | 0 | 0.403 | 0.0070 |
| | District heating: District heating, Kraftringen, Eslov, Lomma & Lund, upstream emissions | 0 | 0 | 0 | 0.121 | 0.002 |
| | District heating: District heating (EON - Malmö-Burlöv, Sweden), upstream emissions | 0 | 0 | 0 | 1.39 | 0.024 |
| | District heating: District heating (EON - Hallsberg-Örebro-Kumla, Sweden), upstream emissions | 0 | 0 | 0 | 0.0598 | 0.0010 |
| | District heating: District Heating, Öresundskraft AB, Helsingborg, upstream emissions | 0 | 0 | 0 | 0.178 | 0.0031 |
| | District heating: District Heating, Vattenfall AB, Uppsala, upstream emissions | 0 | 0 | 0 | 0.113 | 0.001 |
| | Sävar, upstream emissions | | | | | |

Summary by Company Unit

Location-Based methodology

| Assessment | 20 | 23 | 2024 | |
|--------------|---|---|---|---|
| Company Unit | Total Emissions (tCO ₂ e) | Emissions per FTE (tCO ₂ e/FTE) | Total Emissions (tCO ₂ e) | Emissions per FTE (tCO ₂ e/FTE) |
| Knowit | 6,362 | 1.55 | 5,723 | 1.52 |
| Sverige | 2,474 | 1.22 | 2,194 | 1.21 |
| Danmark | 910 | 3.22 | 469 | 1.72 |
| Finland | 489 | 1.03 | 882 | 2 |
| Norge | 1,426 | 1.4 | 1,631 | 1.71 |
| Tyskland | 32.5 | 2.87 | 26.5 | 1.99 |
| Polen | 991 | 3.28 | 475 | 1.71 |

Market-Based methodology

| Assessment | 20 | 23 | 20 | 24 |
|--------------|---|---|---|---|
| Company Unit | Total Emissions (tCO ₂ e) | Emissions per FTE (tCO ₂ e/FTE) | Total Emissions (tCO ₂ e) | Emissions per FTE (tCO ₂ e/FTE) |
| Knowit | 6,568 | 1.6 | 5,699 | 1.51 |
| Sverige | 2,469 | 1.22 | 2,188 | 1.21 |
| Danmark | 1,028 | 3.64 | 474 | 1.73 |
| Finland | 480 | 1.01 | 875 | 1.98 |
| Norge | 1,447 | 1.42 | 1,638 | 1.72 |
| Tyskland | 34.1 | 3.02 | 28.1 | 2.11 |
| Polen | 1,071 | 3.54 | 450 | 1.62 |

Annual Activity Data

| ource of Emiss | ions | Value | Unit |
|----------------|--|-----------|---------|
| Business Trave | I | | |
| Air trave | | | |
| | Long-haul, average class (RFI 2) | 49.4 | journey |
| | Medium-haul, average class (RFI 2) | 385 | journey |
| | Short-haul (RFI 2) | 2,311 | journey |
| Cars | | | |
| | Average battery electric car (company owned) | 147,913 | km |
| | Average car (unknown fuel) | 49,571 | km |
| | Average diesel car | 3,998 | km |
| | Average hybrid car | 72,757 | km |
| | Average petrol car | 66,361 | km |
| Employe | e owned cars | | |
| | Average car (unknown fuel) | 2,411,297 | km |
| Hotel nig | ht stays | | |
| | Hotel night stays | 5,182 | night |
| Taxi | | | |
| | Average taxi | 27,918 | km |
| usiness travel | - External | | |
| Bus and | coach | | |
| | Average bus | 63,440 | pass.km |
| | Local bus | 1,040 | pass.km |
| Vans | | | |
| | Average van (unknown fuel) | 6,530 | km |
| ommuting | | | |
| Bus and | coach | | |
| | Average bus | 324,711 | pass.km |
| Cars | · · · · · · · · · · · · · · · · · · · | | F |
| | Average battery electric car (company owned) | 491,996 | km |
| | Average car (unknown fuel) | 11,353 | km |
| | Average diesel car | 7,543 | km |
| | Average dieser car Average hybrid car | 372,901 | km |
| | Average hybrid car Average petrol car | 78,683 | km |
| | | 10,000 | NIII |
| | e owned cars | 2 414 245 | km |
| | Average battery electric car (not company owned) | 3,414,345 | km |
| | Average car (unknown fuel) | 849,167 | km |
| | Average diesel car | 4,106,502 | km |
| | Average ethanol car (E85) | 85,710 | km |
| | Average hybrid car | 1,095,885 | km |
| | Average petrol car | 2,812,868 | km |

| | HVO car | 20,366 | km |
|-----------------|--|-----------|---------|
| Ferry | | | |
| | Average ferry passenger | 92,632 | pass.km |
| Motorcy | ycle | | |
| | Average petrol motorcycle | 128,956 | km |
| Rail (tra | ain, tram, light rail, underground) | | |
| | Knowit Subway | 5,391,583 | pass.km |
| | Swedish rail | 4,574,974 | pass.km |
| Walk & | Bike | | |
| | Bicycle | 988,753 | km |
| | Electric Bicycle | 334,122 | km |
| | On foot | 382,063 | km |
| Conferences | | | |
| Air trav | el | | |
| | Medium-haul, average class (RFI 2) | 1,648 | journey |
| | Short-haul (RFI 2) | 778 | journey |
| Bus an | d coach | | 1 |
| | Average bus | 104,230 | pass.km |
| Buses | whole vehicle | | paconan |
| Bucco, | HVO 100 | 604 | km |
| Cars | | 004 | NIII |
| Cais | Average better alectric cor (not company award) | 12.070 | km |
| | Average battery electric car (not company owned) | 13,079 | |
| - | Average petrol car | 29,809 | km |
| Ferry | | | |
| | Average ferry passenger | 20,496 | pass.km |
| Hotel n | ight stays | | |
| | Hotel night stays | 5,068 | night |
| Rail (tra | ain, tram, light rail, underground) | | |
| | Eurostar | 302,145 | pass.km |
| Taxi | | | |
| | Average taxi | 12,130 | km |
| Electricity and | Heating | | |
| District | heating | | |
| | District Heating - Trollhättan Energi AB | 60,115 | kWh |
| | District Heating, Affärsverken Karlskrona AB, Karlskrona | 41,962 | kWh |
| | District Heating, Agder, Arendal | 300 | m2 |
| | District Heating, Agder, Kristiansand | 320 | m2 |
| | District Heating, Aguer, Kristiansanu | 020 | |
| | District Heating, Borlänge Energi AB, Borlänge | 38,313 | kWh |
| | | | |
| | District Heating, Borlänge Energi AB, Borlänge | 38,313 | kWh |

| | District Heating, Innlandet, Hamar | 160 | m2 |
|----------------|---|-----------|---------|
| | District Heating, Jämtkraft AB, Östersund | 120,139 | kWh |
| | District Heating, Jönköping Energi AB, Jönköping | 61,301 | kWh |
| | District Heating, Karlstads Energi AB, Karlstad | 49,807 | kWh |
| | District Heating, Luleå Energi AB, Luleå | 27,366 | kWh |
| | District Heating, Møre og Romsdal, Ålesund | 18 | m2 |
| | District Heating, Oslo, Oslo | 5,489 | m2 |
| | District Heating, Rogaland, Sandnes/Stavanger | 358 | m2 |
| | District Heating, Stockholm Exergi AB, Stockholm | 552,985 | kWh |
| | District Heating, Sundsvall Energi AB | 99,888 | kWh |
| | District Heating, Tekniska Verken i Linköping AB, Linköping | 132,818 | kWh |
| | District Heating, Trøndelag, Trondheim | 160 | m2 |
| | District Heating, Umeå Energi AB, Sävar | 59,841 | kWh |
| | District Heating, Vattenfall AB, Uppsala | 27,366 | kWh |
| | District Heating, Vestland, Bergen | 3,500 | m2 |
| | District Heating, Öresundskraft AB, Helsingborg | 37,401 | kWh |
| | District heating (country default) | 11,047 | m2 |
| | District heating EON Hallsberg-Örebro-Kumla | 10,034 | kWh |
| | District heating EON Malmö-Burlöv | 228,054 | kWh |
| | District heating, Kraftringen, Eslov, Lomma & Lund | 27,184 | kWh |
| Electri | city | | |
| | Electricity consumption | 1,696,231 | kWh |
| Food | | | |
| Coffee | and fruit | | |
| | Coffee and tea | 35,524 | kg |
| | Mixed imported fruit (kg) | 19,512 | kg |
| Food | | | |
| | Milk (liter) | 17,333 | I |
| | Portion non-veg (320 g) | 109,512 | portion |
| | Portion veg (320 g) | 37,278 | portion |
| | Soda, soft drinks (liter) | 31,380 | I |
| Homeworkers | B | | |
| Home | working | | |
| | Home working day - laptop and screen | 170,582 | kWh |
| Hosted server | rs | | |
| Electri | city consumption | | |
| | Electricity consumption | 45,376 | kg |
| Materials pure | chased | | |
| IT Equ | ipment | | |
| | Computer (excluding use phase) | 796 | Units |
| | Desktop computer (production and transport) | 16 | Units |
| | Phone (including use phase) | 982 | Units |
| | | | |

| Screen (excluding use phase) | 280 | Units | | | |
|--|----------------------------|--------------|--|--|--|
| Tablet (excluding use phase) | 109 | Units | | | |
| Material use: construction | Material use: construction | | | | |
| Emissions per conference room seat (new furniture) | 161 | work station | | | |
| Emissions per renovated square meter | 2,881 | m2 | | | |
| Emissions per workstation (new furniture) | 112 | work station | | | |
| Emissions per workstation (reused furniture) | 18 | work station | | | |
| Waste | | | | | |
| Non-hazardous waste | | | | | |
| Open loop recycling - WEEE - mixed | 332 | kg | | | |

Key Observations

In 2024, 91% of the electricity used in Knowit offices came from renewable sources, while 95% was fossil-free.

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none - direct emissions entry

Assessment Summary for Sverige Gross Overall Emissions (location-based): 2,194 tCO₂e Gross Overall Emissions (market-based): 2,188 tCO₂e

Key Performance Indicators

Absolute GHG emissions will vary over time and often correspond to the expansion or contraction of an organisation. It is useful therefore to use reporting metrics that take these effects into account and monitor relative GHG emissions intensity. A common emissions intensity metric is tonnes of CO₂e per full time equivalent. This has been calculated, along with other relevant metrics, in the table below:

| Data | КРІ |
|--------------------------------------|--|
| 1,811 Full Time Equivalent Employees | 1.21 tCO2e per Full Time Equivalent Employee (Location-Based) |
| 19,577 Floor area (square metres) | 0.112 tCO ₂ e per square metre (Location-Based) |
| 1,811 Full Time Equivalent Employees | 1.21 tCO ₂ e per Full Time Equivalent Employee (Market-Based) |
| 19,577 Floor area (square metres) | 0.112 tCO ₂ e per square metre (Market-Based) |

Summary by Activity (Location-Based, tCO₂e)



| By Activity | tCO ₂ e/year | % |
|-------------------------------|-------------------------|--------|
| Commuting | 883 | 40.2 |
| Business Travel | 558 | 25.4 |
| Materials purchased | 296 | 13.5 |
| Conferences | 251 | 11.4 |
| Electricity and Heating | 119 | 5.43 |
| Food | 81.3 | 3.7 |
| Business travel - External | 5.33 | 0.243 |
| Homeworkers | 0.996 | 0.0454 |
| Total | 2,194 | 100 |

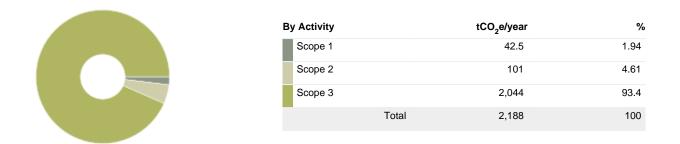
Summary by Activity (Market-Based, tCO₂e)

| By Activity | tCO ₂ e/year | % |
|-------------------------------|-------------------------|--------|
| Commuting | 883 | 40.4 |
| Business Travel | 558 | 25.5 |
| Materials purchased | 296 | 13.5 |
| Conferences | 251 | 11.5 |
| Electricity and Heating | 113 | 5.15 |
| Food | 81.3 | 3.72 |
| Business travel - External | 5.33 | 0.244 |
| Homeworkers | 0.996 | 0.0455 |
| Total | 2,188 | 100 |



| By Activity | | tCO ₂ e/year | % |
|-------------|-------|-------------------------|------|
| Scope 1 | | 42.5 | 1.94 |
| Scope 2 | | 108 | 4.92 |
| Scope 3 | | 2,044 | 93.1 |
| | Total | 2,194 | 100 |
| | | | |

Summary by WBCSD/WRI Scope (Market-Based, tCO2e)



Summary by Greenhouse Gas

| Greenhouse Gas | GWP | tGHG/year (Location-Based) | tCO ₂ e/year (Location-Based) | tGHG/year (Market-Based) | tCO ₂ e/year (Market-Based) |
|--|-----|-------------------------------|---|-----------------------------|---|
| CO ₂ | 1 | 1,366 | 1,366 | 1,358 | 1,358 |
| CH ₄ | 28 | 0.078 | 2.18 | 0.0764 | 2.14 |
| N ₂ O | 265 | 0.0328 | 8.68 | 0.0325 | 8.62 |
| Biogenic CO ₂ | 0 | 1.51 | 0 | 1.51 | 0 |
| CO_2e (CH ₄ and N ₂ O) | 1 | 0.0221 | 0.0221 | 0.0221 | 0.0221 |
| CO ₂ e | 1 | 818 | 818 | 819 | 819 |
| | | Total | 2,194 | | 2,188 |

Summary of Scope 2 Market-Based Method for Sverige

Energy Consumed and Emissions By Factor Type In Scope 2 Market-Based Method Scope 2 Market-Based Energy Scope 2 Market-Based Emissions





| Emission Factor Type | Energy | | Market-Based Emissions | | |
|--|--------|------|------------------------|--------|--|
| | MWh | % | tCO ₂ e | % | |
| Client-supplied market-based instrument | 821 | 31.5 | 0.0697 | 0.0692 | |
| Residual mix factors | 0 | 0 | 0 | 0 | |
| Default location-based factors | 1,786 | 68.5 | 101 | 99.9 | |
| Total | 2,607 | 100 | 101 | 100 | |

Assessment Summary for Danmark Gross Overall Emissions (location-based): 469 tCO₂e Gross Overall Emissions (market-based): 474 tCO₂e

Key Performance Indicators

Absolute GHG emissions will vary over time and often correspond to the expansion or contraction of an organisation. It is useful therefore to use reporting metrics that take these effects into account and monitor relative GHG emissions intensity. A common emissions intensity metric is tonnes of CO₂e per full time equivalent. This has been calculated, along with other relevant metrics, in the table below:

| Data | КРІ |
|------------------------------------|--|
| 6,578 Floor area (in square metre) | 0.0713 tCO ₂ e per FLoor area (square metres) (Location-Based) |
| 273 Full Time Equivalent Employees | 1.72 tCO ₂ e per Full Time Equivalent Employee (Location-Based) |
| 6,578 Floor area (in square metre) | 0.072 tCO ₂ e per FLoor area (square metres) (Market-Based) |
| 273 Full Time Equivalent Employees | 1.73 tCO ₂ e per Full Time Equivalent Employee (Market-Based) |

Summary by Activity (Location-Based, tCO₂e)



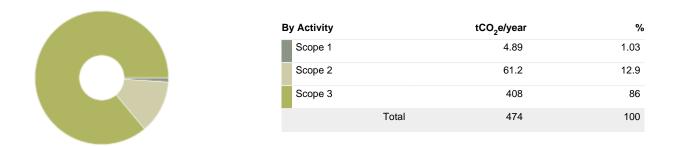
| By Activity | tCO ₂ e/year | % |
|-------------------------------|-------------------------|-------|
| Commuting | 103 | 22 |
| Electricity and Heating | 102 | 21.8 |
| Materials purchased | 92.3 | 19.7 |
| Business Travel | 89.5 | 19.1 |
| Food | 64.6 | 13.8 |
| Conferences | 14.1 | 3 |
| Homeworkers | 1.78 | 0.379 |
| Business travel - External | 1.6 | 0.341 |
| Total | 469 | 100 |

Summary by Activity (Market-Based, tCO₂e)

| By | y Activity | tCO ₂ e/year | % |
|----|-------------------------------|-------------------------|-------|
| | Electricity and Heating | 107 | 22.6 |
| | Commuting | 103 | 21.8 |
| | Materials purchased | 92.3 | 19.5 |
| | Business Travel | 89.5 | 18.9 |
| | Food | 64.6 | 13.6 |
| | Conferences | 14.1 | 2.97 |
| | Homeworkers | 1.78 | 0.375 |
| | Business travel - External | 1.6 | 0.337 |
| | Total | 474 | 100 |



| | By Activity | tCO ₂ e/year | % |
|--|-------------|-------------------------|------|
| | Scope 1 | 4.89 | 1.04 |
| | Scope 2 | 49.5 | 10.6 |
| | Scope 3 | 415 | 88.4 |
| | Tot | al 469 | 100 |
| | | | |



| Greenhouse Gas | GWP | tGHG/year (Location-Based) | tCO ₂ e/year (Location-Based) | tGHG/year (Market-Based) | tCO ₂ e/year (Market-Based) |
|--|-----|-------------------------------|---|-----------------------------|---|
| CO ₂ | 1 | 227 | 227 | 238 | 238 |
| CH ₄ | 28 | 0.0195 | 0.545 | 0.0183 | 0.514 |
| N ₂ O | 265 | 0.00568 | 1.51 | 0.00542 | 1.44 |
| Biogenic CO ₂ | 0 | 0.148 | 0 | 0.148 | 0 |
| CO_2e (CH ₄ and N ₂ O) | 1 | 0.00217 | 0.00217 | 0.00217 | 0.00217 |
| CO ₂ e | 1 | 240 | 240 | 234 | 234 |
| | | Total | 469 | | 474 |

Summary of Scope 2 Market-Based Method for Danmark





| Emission Factor Type | Energy | | Market-Based Emissions | |
|--|--------|------|------------------------|-------|
| | MWh | % | tCO ₂ e | % |
| Client-supplied market-based instrument | 149 | 13.3 | 0.0623 | 0.102 |
| Residual mix factors | 47.9 | 4.26 | 27.9 | 45.6 |
| Default location-based factors | 926 | 82.5 | 33.3 | 54.3 |
| Total | 1,122 | 100 | 61.2 | 100 |

Assessment Summary for Finland Gross Overall Emissions (location-based): 882 tCO₂e Gross Overall Emissions (market-based): 875 tCO₂e

Key Performance Indicators

Absolute GHG emissions will vary over time and often correspond to the expansion or contraction of an organisation. It is useful therefore to use reporting metrics that take these effects into account and monitor relative GHG emissions intensity. A common emissions intensity metric is tonnes of CO₂e per full time equivalent. This has been calculated, along with other relevant metrics, in the table below:

| Data | КРІ |
|------------------------------------|--|
| 442 Full Time Equivalent Employees | 2 tCO ₂ e per Full Time Equivalent Employee (Location-Based) |
| 3,573 Floor area (in square metre) | 0.247 tCO ₂ e per FLoor area (square metres) (Location-Based) |
| 442 Full Time Equivalent Employees | 1.98 tCO ₂ e per Full Time Equivalent Employee (Market-Based) |
| 3,573 Floor area (in square metre) | 0.245 tCO ₂ e per FLoor area (square metres) (Market-Based) |

Summary by Activity (Location-Based, tCO₂e)



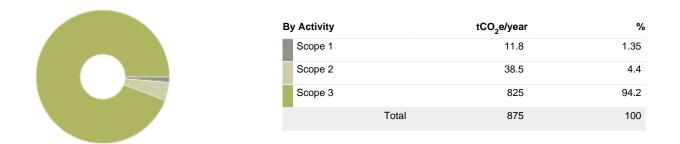
| By Activity | tCO ₂ e/year | % |
|-------------------------------|-------------------------|-------|
| Commuting | 301 | 34.1 |
| Materials purchased | 220 | 24.9 |
| Food | 151 | 17.1 |
| Business Travel | 144 | 16.3 |
| Electricity and Heating | 63.4 | 7.18 |
| Homeworkers | 2.21 | 0.251 |
| Business travel - External | 1.25 | 0.142 |
| Total | 882 | 100 |

Summary by Activity (Market-Based, tCO₂e)

| | By Activity | tCO ₂ e/year | % |
|--|-------------------------------|-------------------------|-------|
| | Commuting | 301 | 34.3 |
| | Materials purchased | 220 | 25.1 |
| | Food | 151 | 17.3 |
| | Business Travel | 144 | 16.5 |
| | Electricity and Heating | 56.5 | 6.45 |
| | Homeworkers | 2.21 | 0.253 |
| | Business travel - External | 1.25 | 0.143 |
| | Total | 875 | 100 |

Summary by WBCSD/WRI Scope (Location-Based, tCO2e)

| | By Activity | tCO ₂ e/year | % |
|--|-------------|-------------------------|------|
| | Scope 1 | 11.8 | 1.34 |
| | Scope 2 | 42.3 | 4.79 |
| | Scope 3 | 828 | 93.9 |
| | Т | otal 882 | 100 |
| | | | |



| Greenhouse Gas | GWP | tGHG/year (Location-Based) | tCO ₂ e/year (Location-Based) | tGHG/year (Market-Based) | tCO ₂ e/year (Market-Based) |
|--|-----|-------------------------------|---|-----------------------------|---|
| CO ₂ | 1 | 401 | 401 | 397 | 397 |
| CH ₄ | 28 | 0.0231 | 0.648 | 0.0228 | 0.638 |
| N ₂ O | 265 | 0.00912 | 2.42 | 0.00898 | 2.38 |
| Biogenic CO ₂ | 0 | 13.1 | 0 | 13.1 | 0 |
| CO_2e (CH ₄ and N ₂ O) | 1 | 0.00716 | 0.00716 | 0.00716 | 0.00716 |
| CO ₂ e | 1 | 478 | 478 | 475 | 475 |
| | | Total | 882 | | 875 |

Summary of Scope 2 Market-Based Method for Finland





| Emission Factor Type | Energy | | Market-Based Emissions | |
|--|--------|------|------------------------|-------|
| | MWh | % | tCO ₂ e | % |
| Client-supplied market-based instrument | 117 | 22.8 | 0.0481 | 0.125 |
| Residual mix factors | 8.9 | 1.73 | 5.03 | 13.1 |
| Default location-based factors | 387 | 75.4 | 33.5 | 86.8 |
| Total | 513 | 100 | 38.5 | 100 |

Assessment Summary for Norge Gross Overall Emissions (location-based): 1,631 tCO₂e Gross Overall Emissions (market-based): 1,638 tCO₂e

Key Performance Indicators

Absolute GHG emissions will vary over time and often correspond to the expansion or contraction of an organisation. It is useful therefore to use reporting metrics that take these effects into account and monitor relative GHG emissions intensity. A common emissions intensity metric is tonnes of CO₂e per full time equivalent. This has been calculated, along with other relevant metrics, in the table below:

| Data | КРІ |
|------------------------------------|--|
| 954 Full Time Equivalent Employees | 1.71 tCO ₂ e per Full Time Equivalent Employee (Location-Based) |
| 10,305 Floor area (square metres) | 0.158 tCO ₂ e per square metre (Location-Based) |
| 954 Full Time Equivalent Employees | 1.72 tCO ₂ e per Full Time Equivalent Employee (Market-Based) |
| 10,305 Floor area (square metres) | 0.159 tCO ₂ e per square metre (Market-Based) |

Summary by Activity (Location-Based, tCO₂e)



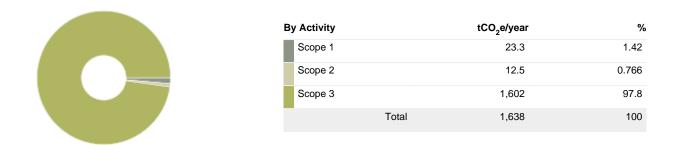
| By Activity | tCO ₂ e/year | % |
|-------------------------------|-------------------------|--------|
| Commuting | 519 | 31.8 |
| Conferences | 378 | 23.2 |
| Business Travel | 308 | 18.9 |
| Food | 248 | 15.2 |
| Materials purchased | 169 | 10.3 |
| Electricity and Heating | 7.37 | 0.452 |
| Business travel - External | 1.31 | 0.0805 |
| Homeworkers | 0.359 | 0.022 |
| Total | 1,631 | 100 |

Summary by Activity (Market-Based, tCO₂e)

| By Activity | tCO ₂ e/year | % |
|-------------------------------|-------------------------|--------|
| Commuting | 519 | 31.7 |
| Conferences | 378 | 23.1 |
| Business Travel | 308 | 18.8 |
| Food | 248 | 15.1 |
| Materials purchased | 169 | 10.3 |
| Electricity and Heating | 14.2 | 0.866 |
| Business travel - External | 1.31 | 0.0801 |
| Homeworkers | 0.359 | 0.0219 |
| Total | 1,638 | 100 |



| | By Activity | tCO ₂ e/year | % |
|--|-------------|-------------------------|-------|
| | Scope 1 | 23.3 | 1.43 |
| | Scope 2 | 5.92 | 0.363 |
| | Scope 3 | 1,602 | 98.2 |
| | Total | 1,631 | 100 |
| | | | |



| Greenhouse Gas | GWP | tGHG/year (Location-Based) | tCO ₂ e/year (Location-Based) | tGHG/year (Market-Based) | tCO ₂ e/year (Market-Based) |
|--|-----|-------------------------------|---|-----------------------------|---|
| CO ₂ | 1 | 1,015 | 1,015 | 1,021 | 1,021 |
| CH ₄ | 28 | 0.0412 | 1.15 | 0.0409 | 1.14 |
| N ₂ O | 265 | 0.0211 | 5.6 | 0.0211 | 5.59 |
| Biogenic CO ₂ | 0 | 0.806 | 0 | 0.806 | 0 |
| CO_2e (CH ₄ and N ₂ O) | 1 | 0.0118 | 0.0118 | 0.0118 | 0.0118 |
| CO ₂ e | 1 | 610 | 610 | 610 | 610 |
| | | Total | 1,631 | | 1,638 |

Summary of Scope 2 Market-Based Method for Norge





| Emission Factor Type | Ene | Energy | | Market-Based Emissions | |
|--|-------|--------|--------------------|------------------------|--|
| | MWh % | | tCO ₂ e | % | |
| Client-supplied market-based instrument | 491 | 42.2 | 0.0296 | 0.236 | |
| Residual mix factors | 15.3 | 1.32 | 9.19 | 73.2 | |
| Default location-based factors | 656 | 56.4 | 3.33 | 26.5 | |
| Total | 1,162 | 100 | 12.5 | 100 | |

Assessment Summary for Tyskland Gross Overall Emissions (location-based): 26.5 tCO₂e Gross Overall Emissions (market-based): 28.1 tCO₂e

Key Performance Indicators

Absolute GHG emissions will vary over time and often correspond to the expansion or contraction of an organisation. It is useful therefore to use reporting metrics that take these effects into account and monitor relative GHG emissions intensity. A common emissions intensity metric is tonnes of CO₂e per full time equivalent. This has been calculated, along with other relevant metrics, in the table below:

| Data | KPI |
|-------------------------------------|--|
| 13.3 Full Time Equivalent Employees | 1.99 tCO ₂ e per Full Time Equivalent Employee (Location-Based) |
| 250 Floor area (square metres) | 0.106 tCO ₂ e per square metre (Location-Based) |
| 13.3 Full Time Equivalent Employees | 2.11 tCO ₂ e per Full Time Equivalent Employee (Market-Based) |
| 250 Floor area (square metres) | 0.112 tCO ₂ e per square metre (Market-Based) |

Summary by Activity (Location-Based, tCO₂e)



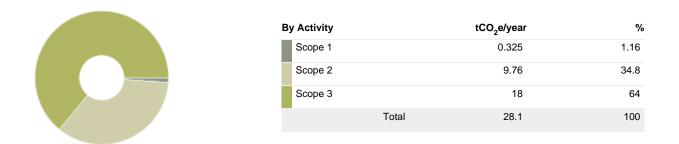
| By Activity | tCO ₂ e/year | % |
|-------------------------------|-------------------------|-------|
| Electricity and Heating | 9.31 | 35.1 |
| Commuting | 8.66 | 32.7 |
| Business Travel | 4.57 | 17.3 |
| Materials purchased | 2.71 | 10.2 |
| Food | 0.77 | 2.91 |
| Homeworkers | 0.302 | 1.14 |
| Business travel - External | 0.174 | 0.658 |
| Total | 26.5 | 100 |

Summary by Activity (Market-Based, tCO₂e)

| | By Activity | tCO ₂ e/year | % |
|--|-------------------------------|-------------------------|-------|
| | Electricity and Heating | 10.9 | 38.7 |
| | Commuting | 8.66 | 30.9 |
| | Business Travel | 4.57 | 16.3 |
| | Materials purchased | 2.71 | 9.67 |
| | Food | 0.77 | 2.74 |
| | Homeworkers | 0.302 | 1.08 |
| | Business travel - External | 0.174 | 0.621 |
| | Total | 28.1 | 100 |

Summary by WBCSD/WRI Scope (Location-Based, tCO2e)

| | By Activity | | tCO ₂ e/year | % |
|--|-------------|-------|-------------------------|------|
| | Scope 1 | | 0.325 | 1.23 |
| | Scope 2 | | 8.2 | 31 |
| | Scope 3 | | 18 | 67.8 |
| | | Total | 26.5 | 100 |
| | | | | |



| Greenhouse Gas | GWP | tGHG/year (Location-Based) | tCO ₂ e/year (Location-Based) | tGHG/year (Market-Based) | tCO ₂ e/year (Market-Based) |
|--|-----|-------------------------------|---|-----------------------------|---|
| CO ₂ | 1 | 19.2 | 19.2 | 20.7 | 20.7 |
| CH ₄ | 28 | 5.35e-4 | 0.015 | 5.35e-4 | 0.015 |
| N ₂ O | 265 | 2.53e-4 | 0.067 | 2.53e-4 | 0.067 |
| Biogenic CO ₂ | 0 | 0.0119 | 0 | 0.0119 | 0 |
| CO_2e (CH ₄ and N ₂ O) | 1 | 1.74e-4 | 1.74e-4 | 1.74e-4 | 1.74e-4 |
| CO ₂ e | 1 | 7.27 | 7.27 | 7.27 | 7.27 |
| | | Total | 26.5 | | 28.1 |

Summary of Scope 2 Market-Based Method for Tyskland





| Emission Factor Type | Energy | | Market-Based Emissions | |
|--|--------|-----|------------------------|------|
| | MWh % | | tCO ₂ e | % |
| Client-supplied market-based instrument | 0 | 0 | 0 | 0 |
| Residual mix factors | 4.5 | 22 | 3.25 | 33.3 |
| Default location-based factors | 15.9 | 78 | 6.52 | 66.7 |
| Total | 20.4 | 100 | 9.76 | 100 |

Assessment Summary for Polen Gross Overall Emissions (location-based): 475 tCO₂e Gross Overall Emissions (market-based): 450 tCO₂e

Key Performance Indicators

Absolute GHG emissions will vary over time and often correspond to the expansion or contraction of an organisation. It is useful therefore to use reporting metrics that take these effects into account and monitor relative GHG emissions intensity. A common emissions intensity metric is tonnes of CO₂e per full time equivalent. This has been calculated, along with other relevant metrics, in the table below:

| Data | KPI |
|------------------------------------|--|
| 278 Full Time Equivalent Employees | 1.71 tCO ₂ e per Full Time Equivalent Employee (Location-Based) |
| 1,246 Floor area (square metres) | 0.381 tCO ₂ e per square metre (Location-Based) |
| 278 Full Time Equivalent Employees | 1.62 tCO ₂ e per Full Time Equivalent Employee (Market-Based) |
| 1,246 Floor area (square metres) | 0.362 tCO ₂ e per square metre (Market-Based) |

Summary by Activity (Location-Based, tCO₂e)



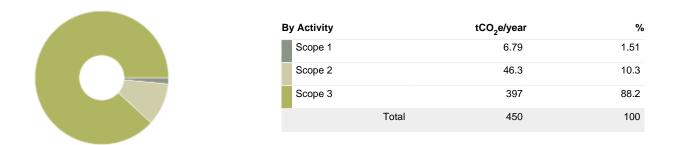
| By Activity | | tCO ₂ e/year | % |
|-------------------------------|--------|-------------------------|------|
| Commuting | | 206 | 43.5 |
| Business Travel | | 101 | 21.2 |
| Electricity and H | eating | 70.4 | 14.8 |
| Materials purcha | sed | 56.7 | 11.9 |
| Food | | 28.2 | 5.93 |
| Homeworkers | | 11.5 | 2.42 |
| Business travel - External | | 1.09 | 0.23 |
| | Total | 475 | 100 |

Summary by Activity (Market-Based, tCO₂e)

| | By Activity | tCO ₂ e/year | % |
|--|-------------------------------|-------------------------|-------|
| | Commuting | 206 | 45.8 |
| | Business Travel | 101 | 22.3 |
| | Materials purchased | 56.7 | 12.6 |
| | Electricity and Heating | 46.1 | 10.2 |
| | Food | 28.2 | 6.25 |
| | Homeworkers | 11.5 | 2.55 |
| | Business travel - External | 1.09 | 0.243 |
| | Total | 450 | 100 |



| | By Activity | tCO ₂ e/year | % |
|--|-------------|-------------------------|------|
| | Scope 1 | 6.79 | 1.43 |
| | Scope 2 | 64.8 | 13.7 |
| | Scope 3 | 403 | 84.9 |
| | Tot | al 475 | 100 |
| | | | |



| Greenhouse Gas | GWP | tGHG/year (Location-Based) | tCO ₂ e/year (Location-Based) | tGHG/year (Market-Based) | tCO ₂ e/year (Market-Based) |
|--|-----|-------------------------------|---|-----------------------------|---|
| CO ₂ | 1 | 318 | 318 | 299 | 299 |
| CH ₄ | 28 | 0.0101 | 0.284 | 0.0099 | 0.277 |
| N ₂ O | 265 | 0.00565 | 1.5 | 0.00535 | 1.42 |
| Biogenic CO ₂ | 0 | 0.248 | 0 | 0.248 | 0 |
| CO_2e (CH ₄ and N ₂ O) | 1 | 0.00363 | 0.00363 | 0.00363 | 0.00363 |
| CO ₂ e | 1 | 155 | 155 | 150 | 150 |
| | | Total | 475 | | 450 |

Summary of Scope 2 Market-Based Method for Polen





| Emission Factor Type | Energy | | Market-Based Emissions | | |
|--|--------|------|------------------------|--------|--|
| | MWh | % | tCO ₂ e | % | |
| Client-supplied market-based instrument | 28.4 | 23.6 | 0.0119 | 0.0257 | |
| Residual mix factors | 12.9 | 10.7 | 10.2 | 22.1 | |
| Default location-based factors | 79.3 | 65.7 | 36 | 77.9 | |
| Total | 121 | 100 | 46.3 | 100 | |