

MEASUREMENT REPORT

YEAR 6

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# University of Greenwich

Reporting period:

01 August 2024 to 31 July 2025

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# Boundary and key figures

**Reporting period**  
01 August 2024 to 31 July 2025

**Organisational boundary**  
University of Greenwich (Avery Hill, Greenwich, Medway, Woolwich)

**Operational boundary**

**Scope 1:**  
Stationary Fuels, Fugitive Emissions, Mobile Fuels

**Scope 2:**  
Electricity, Renewables

**Scope 3:**  
Category 3: Fuel- and Energy-related Activities  
Category 5: Waste  
Category 6: Business Travel  
Category 7: Employee Commuting

**University of Greenwich has been measuring its carbon footprint with Planet Mark for 6 years.**

The Planet Mark measurement methodology is fully aligned to Greenhouse Gas (GHG) Protocol and all data is checked against evidence provided by University of Greenwich.

University of Greenwich's highest emitting category was Scope 3 Category 7: Employee Commuting at 59.2% of their total market-based footprint followed by Scope 1 Stationary Fuels at 15.8% of their total market-based footprint. Category 6: Business Travel has seen the largest decrease in emissions, reducing by 398.4 tCO<sub>2</sub>e since 2024.

All Scope 2 emissions are reported using the market-based methodology unless stated otherwise.

This report compares this year's (YE2025) emissions to baseline year's (YE2024) emissions.

University of Greenwich has expanded its boundary this year in the following categories: Fuel- and Energy-Related Activities, Business Travel, Employee Commuting and accordingly comparisons throughout this report are presented using data that has been normalised to exclude any emissions that were reported for the first time this year. For transparency, non-normalised data comparisons are also shown in the data tables.




## Key Figures

-  **-4.1 %**  
Comparison of Scope 1 & 2 emissions vs previous year
-  **-17.0 %**  
Comparison of absolute measured emissions vs 2024 baseline (normalised)
-  **12,341.9 tCO<sub>2</sub>e**  
Measured carbon footprint (market-based)
-  **0.5 tCO<sub>2</sub>e**  
Measured carbon footprint per FTE (market-based)
-  **81.8 %**  
Data Quality Score
-  **100.0 %**  
Organisational Boundary Score
-  **52.9 %**  
Operational Boundary Score

# Greenhouse Gas Protocol

## Scopes 1, 2 and 3

### KEY

-  Measured emissions
-  Not yet measured
-  Not applicable or de minimis

### SCOPE 1



Stationary Fuels



Mobile Fuels



Fugitive emissions

### SCOPE 2



Electricity



Heat and steam



Cooling

### SCOPE 3 UPSTREAM



**1**  
Purchased Goods and Services



**2**  
Capital Goods



**3**  
Fuel and Energy Related Activities



**4**  
Transportation and Distribution



**5**  
Waste Generated in Operations



**6**  
Business Travel



**7**  
Employee Commuting



**8**  
Leased Assets

### SCOPE 3 DOWNSTREAM



**9**  
Transportation and Distribution



**10**  
Processing of Sold Products



**11**  
Use of Sold Products



**12**  
End of life Treatment of Sold Products



**13**  
Leased Assets



**14**  
Franchises

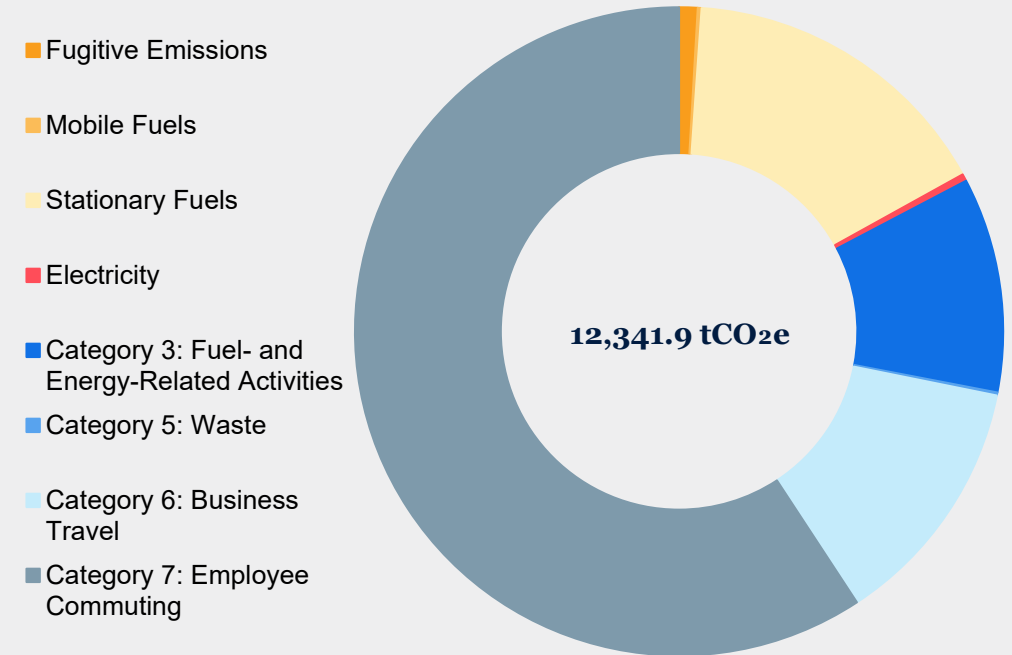


**15**  
Investments

# Measured carbon footprint

Scope	Emission Category	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion
Scope 1	Fugitive Emissions	113.1	0.9%
	Mobile Fuels	23.6	0.2%
	Stationary Fuels	1,955.6	15.8%
Scope 2	Electricity (location-based)	2,492.7	-
	Electricity (market-based)	43.7	0.4%
Scope 3	Category 3: Fuel- and Energy-Related Activities	1,322.1	10.7%
	Category 5: Waste	18.5	0.1%
	Category 6: Business Travel	1,553.4	12.6%
	Category 7: Employee Commuting	7,312.0	59.2%
<b>Total (market-based)</b>		<b>12,341.9</b>	
<b>No. employees</b>		<b>24,015</b>	
<b>Per Employee</b>		<b>0.5</b>	
<b>Total (location-based)</b>		<b>14,790.9</b>	
<b>No. employees</b>		<b>24,015</b>	
<b>Per Employee</b>		<b>0.6</b>	

Total carbon footprint by emission category (market-based) for YE 2025

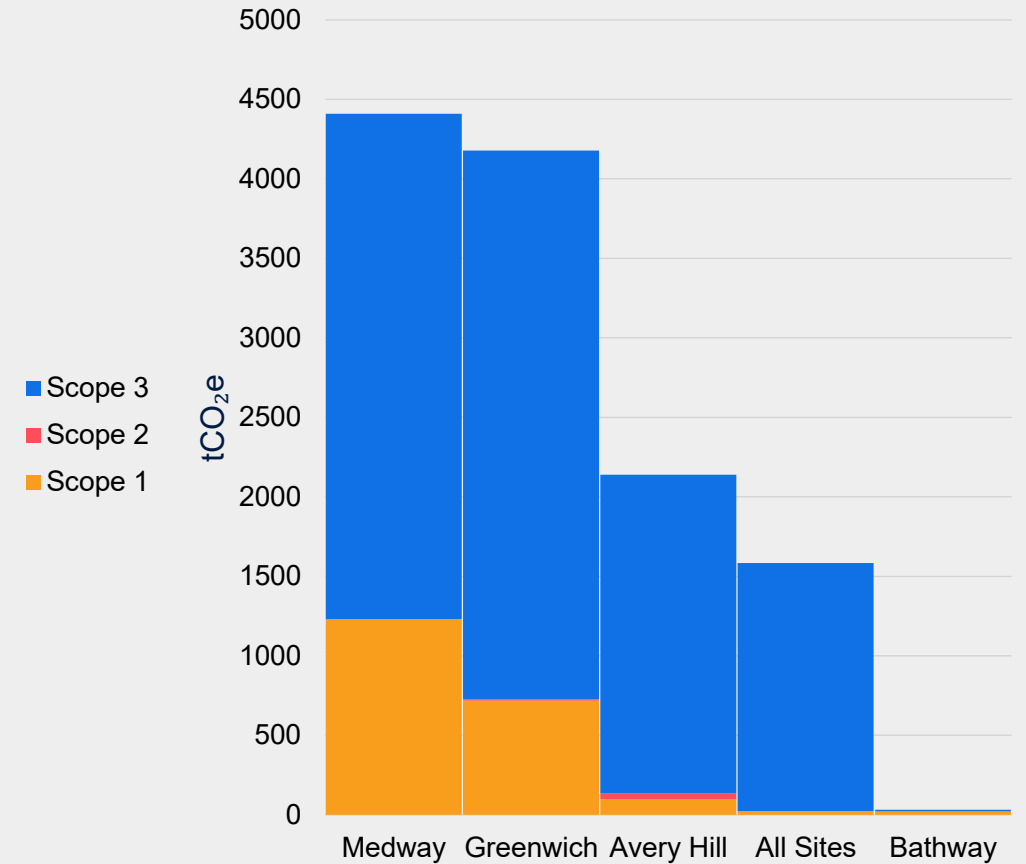


# Comparison by location

The graph represents a comparison per location for the current year.

Site name	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion
Medway	4,409.7	35.7%
Greenwich	4,177.7	33.8%
Avery Hill	2,139.2	17.3%
All Sites	1,583.0	12.8%
Bathway	32.3	0.3%
<b>Total</b>	<b>12,341.9</b>	<b>100.0%</b>

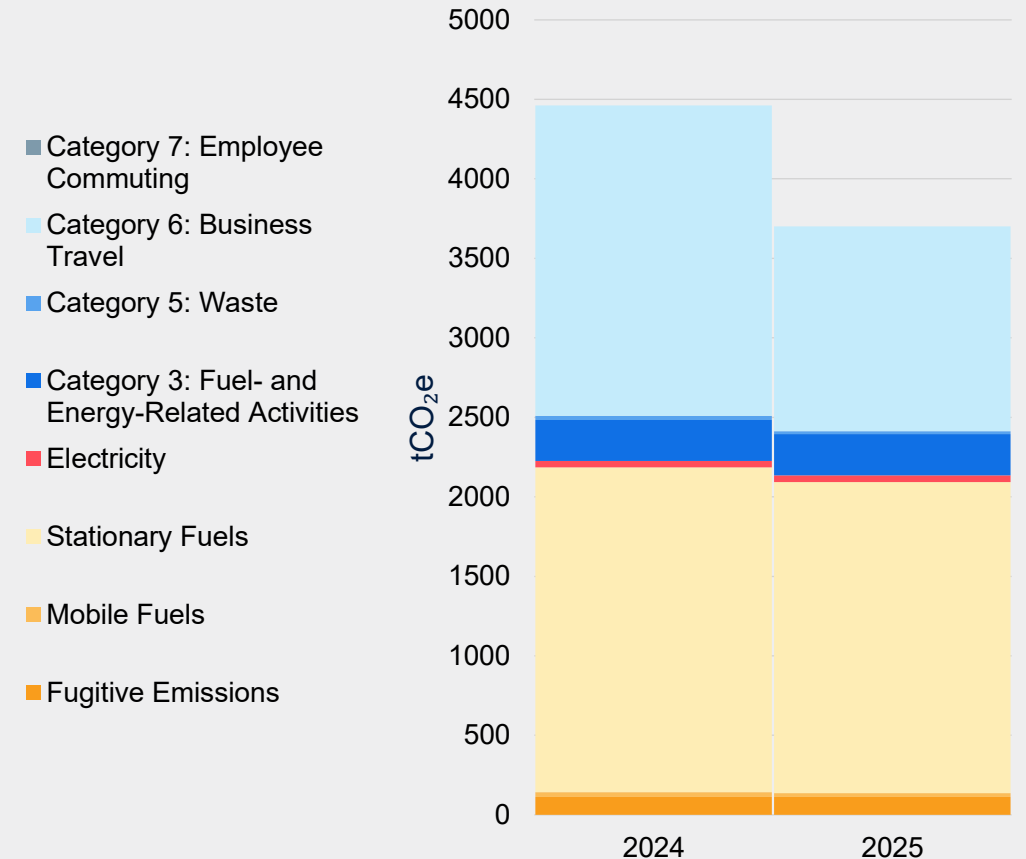
Carbon footprint by Scope 1, 2 & 3 (market-based) per location for YE 2025



# Measured carbon footprint comparison

Scope	Emission Category	YE 2024 tCO <sub>2</sub> e	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO <sub>2</sub> e normalised	YE 2025 Change normalised
Scope 1	Fugitive Emissions	113.1	113.1	0.9%	0.0%	113.1	0.0%
	Mobile Fuels	28.4	23.6	0.2%	-17.1%	23.6	-17.1%
	Stationary Fuels	2,043.4	1,955.6	15.8%	-4.3%	1,955.6	-4.3%
Scope 2	Electricity (location-based)	2,934.8	2,492.7	-	-15.1%	2,492.7	-15.1%
	Electricity (market-based)	41.3	43.7	0.4%	5.7%	43.7	5.7%
Scope 3	Category 3: Fuel- and Energy-Related Activities	257.8	1,322.1	10.7%	412.9%	259.2	0.6%
	Category 5: Waste	25.1	18.5	0.1%	-26.3%	18.5	-26.3%
	Category 6: Business Travel	1,951.9	1,553.4	12.6%	-20.4%	1,287.5	-34.0%
	Category 7: Employee Commuting	0	7,312.0	59.2%	-	0	-
<b>Total (market-based)</b>		<b>4,460.9</b>	<b>12,341.9</b>		<b>176.7%</b>	<b>3,701.1</b>	<b>-17.0%</b>
<b>No. employees</b>		<b>23,525</b>	<b>24,015</b>			<b>24,015</b>	
<b>Per employee</b>		<b>0.2</b>	<b>0.5</b>		<b>171.0%</b>	<b>0.2</b>	<b>-18.7%</b>
<b>Total (location-based)</b>		<b>7,354.4</b>	<b>14,790.9</b>		<b>101.1%</b>	<b>6,150.2</b>	<b>-16.4%</b>
<b>No. employees</b>		<b>23,525</b>	<b>24,015</b>			<b>24,015</b>	
<b>Per employee</b>		<b>0.3</b>	<b>0.6</b>		<b>97.0%</b>	<b>0.3</b>	<b>-18.1%</b>

Total carbon footprint by emission category (market-based) for YE 2024 & YE 2025

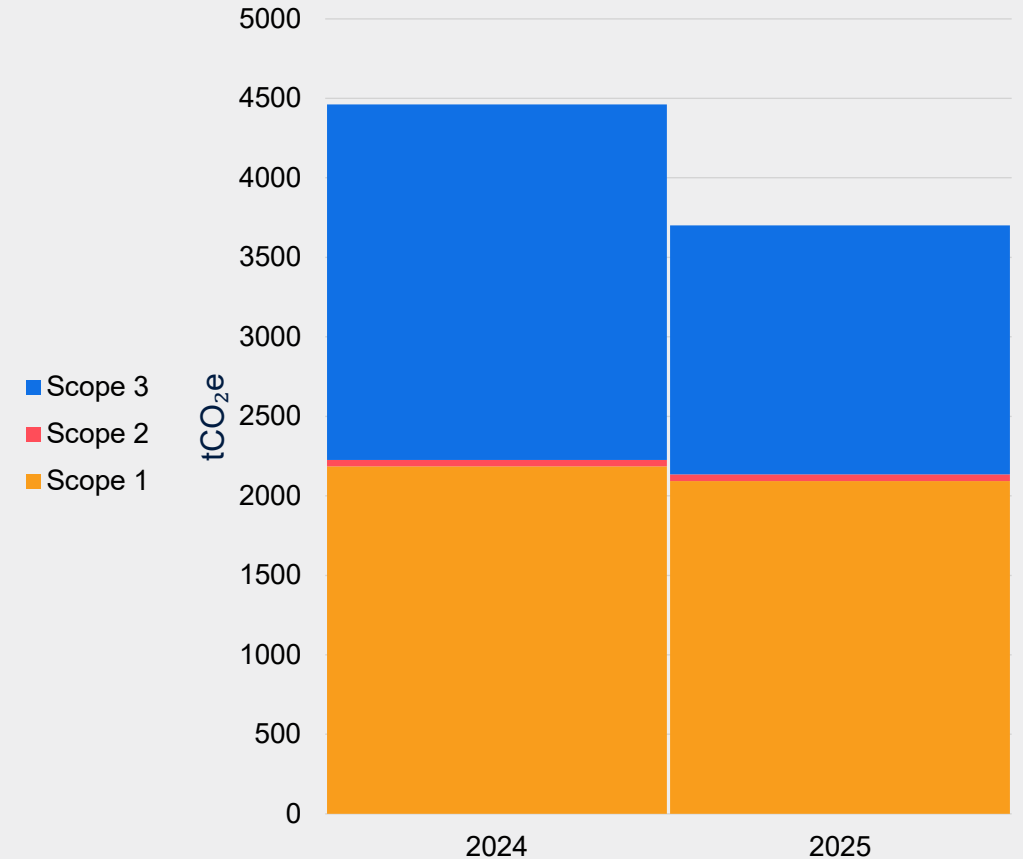


This comparison graph uses data that has been normalised to exclude any emissions that were reported for the first time in this reporting period.

# Comparison by Scope

Emission Scope	YE 2024 tCO <sub>2</sub> e	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO <sub>2</sub> e normalised	YE 2025 Change normalised
Scope 1	2,184.9	2,092.3	17.0%	-4.2%	2,092.3	-4.2%
Scope 2 (market-based)	41.3	43.7	0.4%	5.7%	43.7	5.7%
Scope 2 (location-based)	2,934.8	2,492.7	-	-15.1%	2,492.7	-15.1%
Scope 3	2,234.7	10,206.0	82.7%	356.7%	1,565.2	-30.0%
<b>Total</b>	<b>4,460.9</b>	<b>12,341.9</b>	<b>100.0%</b>	<b>176.7%</b>	<b>3,701.1</b>	<b>-17.0%</b>
<b>Total Scope 1 &amp; 2</b>	<b>2,226.2</b>	<b>2,135.9</b>	<b>17.3%</b>	<b>-4.1%</b>	<b>2,135.9</b>	<b>-4.1%</b>
<b>Total Scope 1 &amp; 2 per FTE</b>	<b>0.1</b>	<b>0.1</b>	<b>-</b>	<b>-6.0%</b>	<b>0.1</b>	<b>-6.0%</b>
<b>Total Scope 1 &amp; 2 per Turnover</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>0.0%</b>	<b>-</b>	<b>0.0%</b>
<b>Total Scope 1 &amp; 2 (location-based)</b>	<b>5,119.7</b>	<b>4,584.9</b>	<b>31.0%</b>	<b>-10.4%</b>	<b>4,584.9</b>	<b>-10.4%</b>
<b>Total Scope 1 &amp; 2 per FTE (location-based)</b>	<b>0.2</b>	<b>0.2</b>	<b>-</b>	<b>-12.3%</b>	<b>0.2</b>	<b>-12.3%</b>

Carbon footprint by Scope (market-based) for YE 2024 & YE 2025



This comparison graph uses data that has been normalised to exclude any emissions that were reported for the first time in this reporting period.



# Scope 1 emissions

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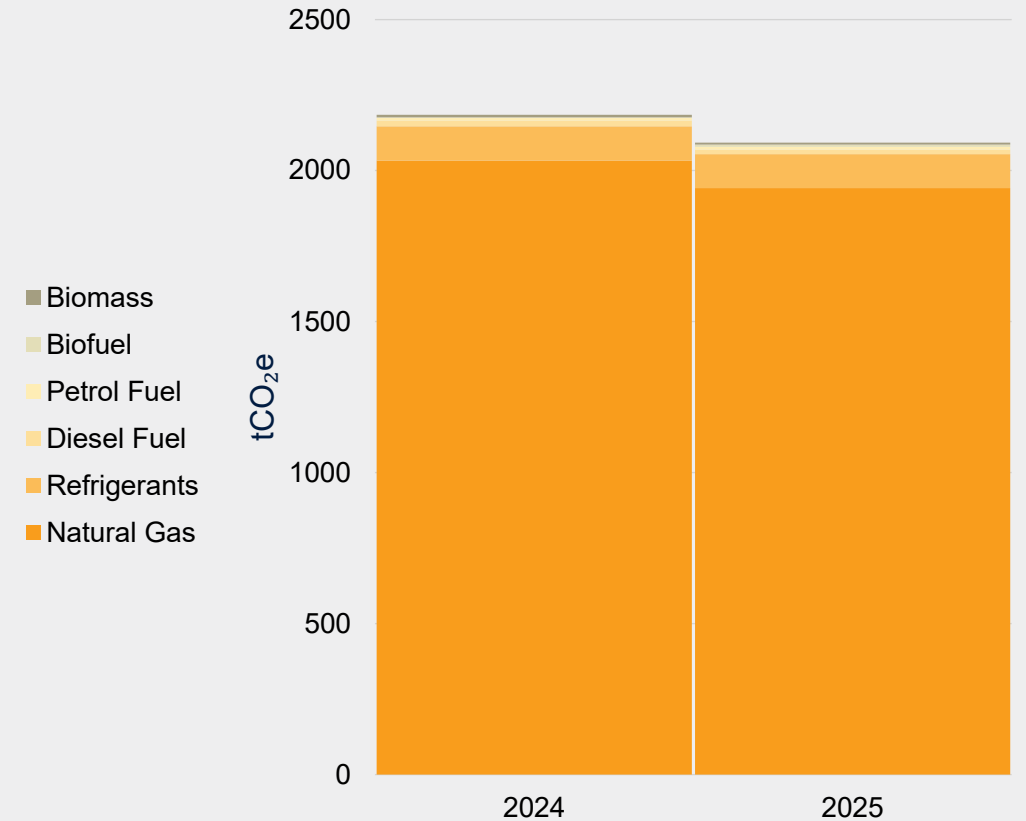
The emissions from sources that a company creates directly (e.g., from burning fuel in gas boilers and in company owned vehicles).

# Scope 1 emissions

Scope 1 emissions accounted for 16.95% of this year's total carbon footprint. Largest contributor to Scope 1 emissions was Natural Gas, accounting for 92.8% of all Scope 1 emissions.

Emission Source	YE 2024 tCO <sub>2</sub> e	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion	YE 2025 Change
Natural Gas	2,033.3	1,941.6	92.8%	-4.5%
Refrigerants	113.1	113.1	5.4%	0.0%
Diesel Fuel	19.2	14.9	0.7%	-22.3%
Petrol Fuel	9.3	8.7	0.4%	-6.5%
Biofuel	1.2	7.6	0.4%	555.9%
Biomass	8.9	6.4	0.3%	-28.4%
<b>Total</b>	<b>2,184.9</b>	<b>2,092.3</b>	<b>100.0%</b>	<b>-4.2%</b>

Scope 1 emissions for YE 2024 & YE 2025



# Scope 2 emissions

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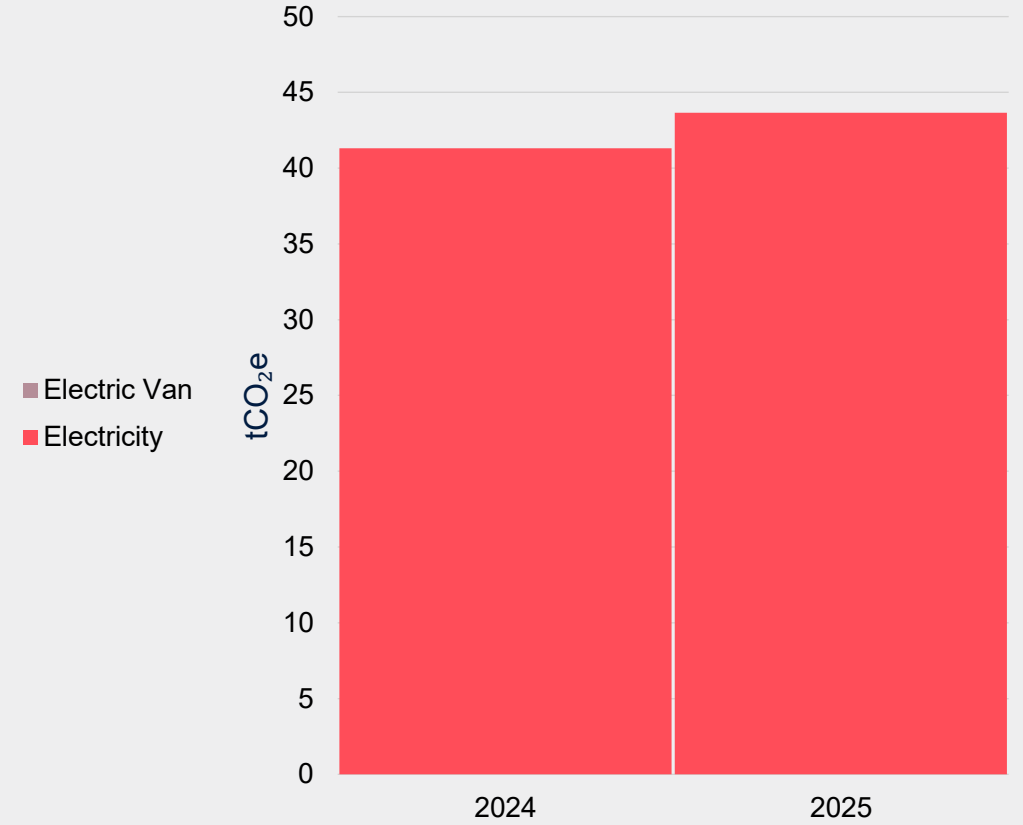
The emissions a company creates indirectly, associated with the energy it purchases (e.g., electricity).

# Scope 2 emissions

Scope 2 emissions accounted for 0.35% of this year's total carbon footprint.

Emission Source	YE 2024 tCO <sub>2</sub> e	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion	YE 2025 Change
Electricity	41.3	43.7	100.0%	5.7%
Electric Van	0	0	0.0%	-
<b>Total</b>	<b>41.3</b>	<b>43.7</b>	<b>100.0%</b>	<b>5.7%</b>

Scope 2 emissions (market-based) for YE 2024 & YE 2025



# Scope 3 emissions

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The emissions that are not produced by the company itself, but by those within the company's value chain.

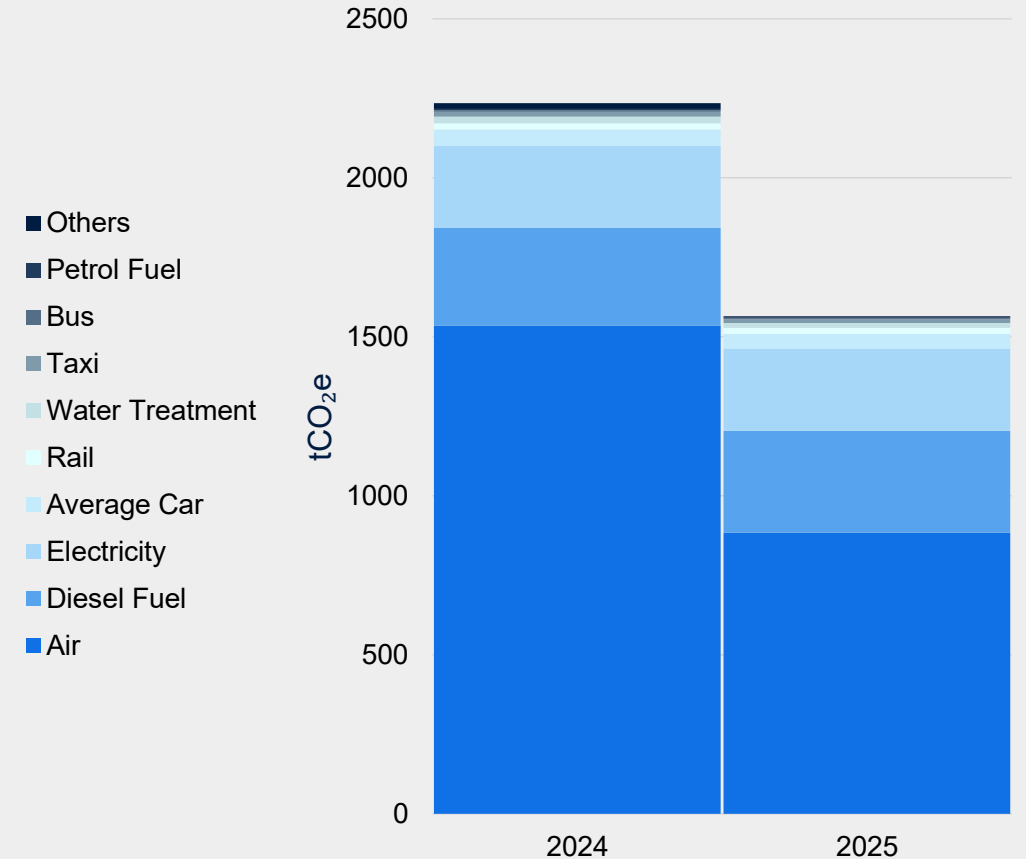
Scope 3 is split into 15 categories.

# Scope 3 emissions

Scope 3 accounted for 82.69% of this year's total carbon footprint. These are the top 10 sources from all scope 3 categories combined.

Emission Source	Emission Category	YE 2024 tCO <sub>2</sub> e	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO <sub>2</sub> e normalised	YE 2025 Change normalised
Air	Business Travel	1,535.6	1,052.8	10.3%	-31.4%	884.4	-42.4%
Diesel Fuel	Business Travel	307.1	395.6	3.9%	28.8%	319.6	4.1%
Electricity	Fuel- and Energy-Related Activities	257.8	956.9	9.4%	271.2%	259.2	0.6%
Average Car	Business Travel	52.2	58.0	0.6%	11.2%	46.0	-12.0%
Rail	Business Travel	19.1	23.9	0.2%	25.2%	19.1	-0.1%
Water Treatment	Waste	21.1	15.7	0.2%	-25.5%	15.7	-25.5%
Taxi	Business Travel	14.9	14.5	0.1%	-2.9%	11.6	-22.2%
Bus	Business Travel	4.7	4.5	0.0%	-5.1%	3.6	-24.4%
Petrol Fuel	Business Travel	4.2	3.7	0.0%	-10.2%	2.9	-29.9%
Others	Others	18.2	7,680.4	75.3%	42210.3%	3.1	-82.8%
<b>Total</b>	<b>Total</b>	<b>2,234.7</b>	<b>10,206.0</b>	<b>100.0%</b>	<b>356.7%</b>	<b>1,565.2</b>	<b>-30.0%</b>

Scope 3 emissions for YE 2024 & YE 2025



This comparison graph uses data that has been normalised to exclude any emissions that were reported for the first time in this reporting period.

# Fuel and Energy Related Activities

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This category includes emissions from the extraction, production and transportation of fuels, electricity and other energy purchased and consumed but occurring off-site. Includes emissions from Well to Tank and Transmission and Distribution Losses.

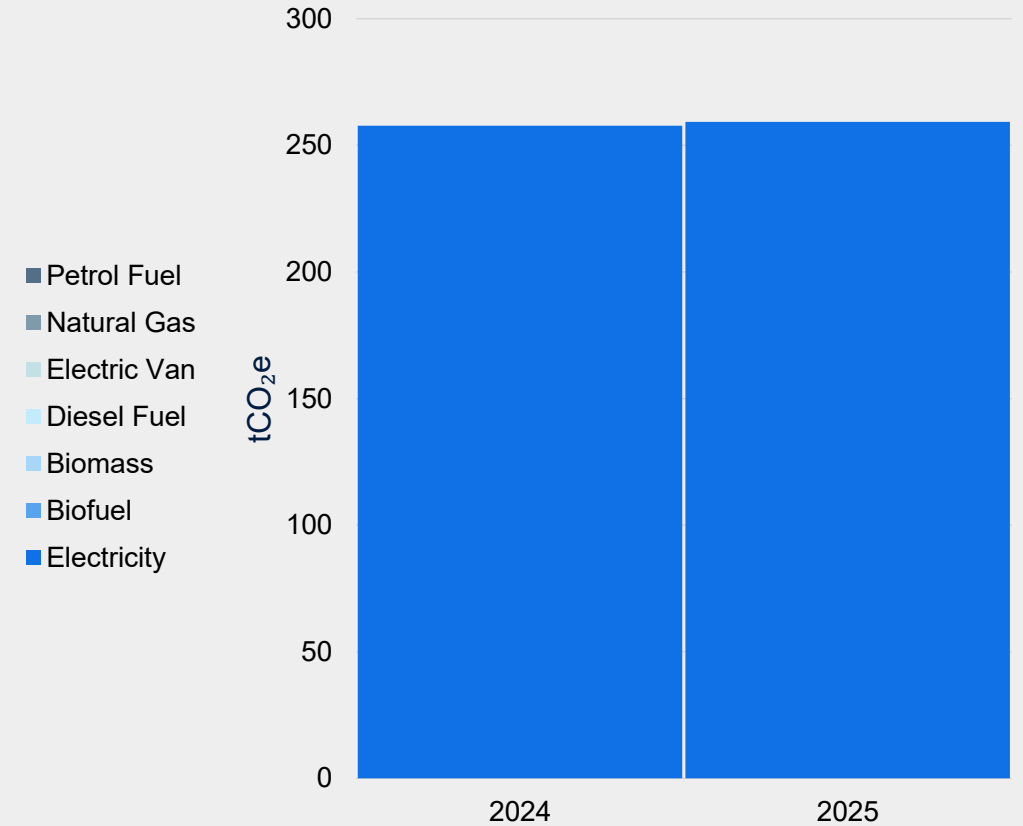
# Scope 3 emissions

## Category 3: Fuel and Energy Related Activities

This category accounted for 10.71% of this year's total carbon footprint. Fuel and Energy Related activities were measured for the first time this reporting period, therefore, have been normalised from the year-on-year comparison.

Emission Source	YE 2024 tCO <sub>2</sub> e	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO <sub>2</sub> e normalised	YE 2025 Change normalised
Electricity	257.8	956.9	72.4%	271.2%	259.2	0.6%
Biofuel	0	17.8	1.3%	-	0	-
Biomass	0	20.8	1.6%	-	0	-
Diesel Fuel	0	3.5	0.3%	-	0	-
Electric Van	0	0	0.0%	-	0	-
Natural Gas	0	320.6	24.2%	-	0	-
Petrol Fuel	0	2.4	0.2%	-	0	-
<b>Total</b>	<b>257.8</b>	<b>1,322.1</b>	<b>100.0%</b>	<b>412.9%</b>	<b>259.2</b>	<b>0.6%</b>

Scope 3 Category 3: Fuel and Energy Related Activities emissions for YE 2024 & YE 2025



This comparison graph uses data that has been normalised to exclude any emissions that were reported for the first time in this reporting period.

SCOPE 3 CATEGORY 5

# Waste

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This category includes emissions from third-party disposal and treatment of waste generated. Includes both solid waste and wastewater.

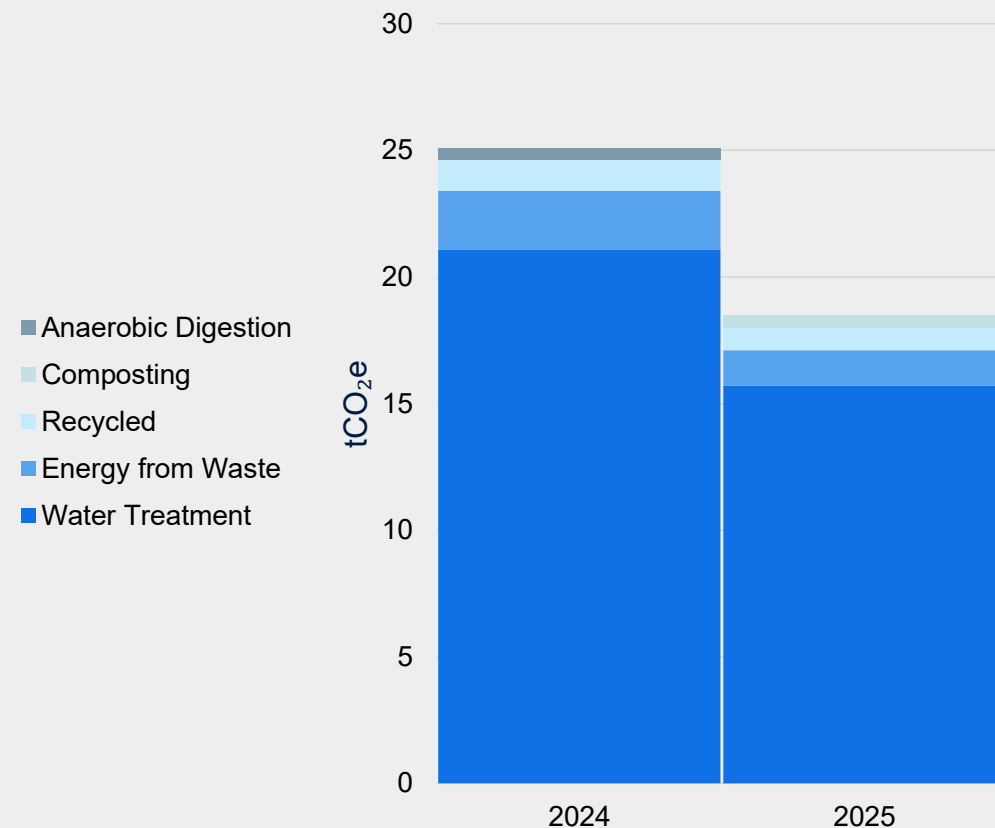
# Scope 3 emissions

## Category 5: Waste

Waste emissions accounted for 0.15% of this year's total carbon footprint.

Emission Source	YE 2024 tCO <sub>2</sub> e	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion	YE 2025 Change
Water Treatment	21.1	15.7	84.9%	-25.5%
Energy from Waste	2.3	1.4	7.6%	-39.4%
Recycled	1.2	0.9	4.9%	-26.8%
Composting	0	0.5	2.7%	-
Anaerobic Digestion	0.5	0	0.0%	-100.0%
<b>Total</b>	<b>25.1</b>	<b>18.5</b>	<b>100.0%</b>	<b>-26.3%</b>

Scope 3 Category 5: Waste emissions for YE 2024 & YE 2025



# Business Travel

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This category includes emissions from the transportation of employees for business-related activities in vehicles owned or operated by third parties, such as aircrafts, trains, buses, and passenger cars.

It does not include commuting or travel in company-owned vehicles.

# Scope 3 emissions

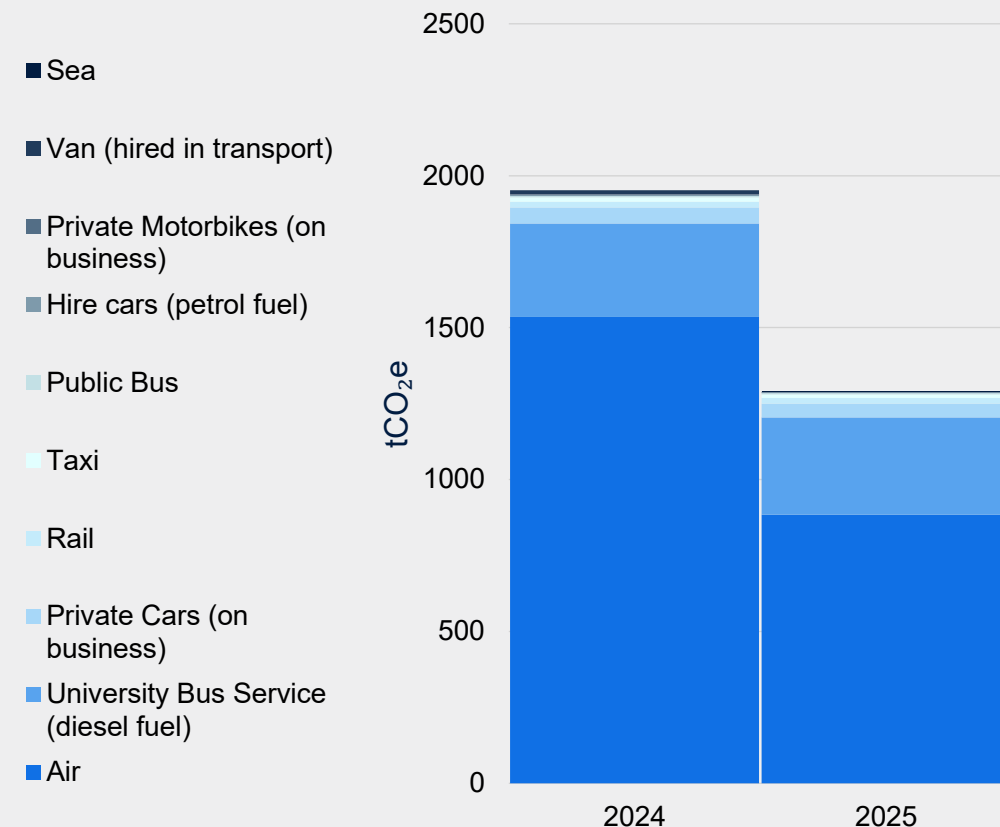
## Category 6: Business Travel

Business Travel emissions accounted for 12.59% of this year's total carbon footprint.

Well-to-tank emissions have been normalised from the year-on-year comparison as they have been measured for the first time this reporting period.

Emission Source	YE 2024 tCO <sub>2</sub> e	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO <sub>2</sub> e normalised	YE 2025 Change normalised
Air	1,535.6	1,052.8	67.8%	-31.4%	884.4	-42.4%
University Bus Service (diesel fuel)	307.1	395.6	25.5%	28.8%	319.6	4.1%
Private Cars (on business)	52.2	58.0	3.7%	11.2%	46.0	-12.0%
Rail	19.1	23.9	1.5%	25.2%	19.1	-0.1%
Taxi	14.9	14.5	0.9%	-2.9%	11.6	-22.2%
Public Bus	4.7	4.5	0.3%	-5.1%	3.6	-24.4%
Hire Cars (Petrol Fuel)	4.2	3.7	0.2%	-10.2%	2.9	-29.9%
Private Motorbikes (on business)	0.3	0.2	0.0%	-20.7%	0.2	-37.1%
Van (hired In transport)	13.9	0.1	0.0%	-99.1%	0.1	-99.3%
Sea	0	0.1	0.0%	-	0.1	-
<b>Total</b>	<b>1,951.9</b>	<b>1,553.4</b>	<b>100.0%</b>	<b>-20.4%</b>	<b>1,287.5</b>	<b>-34.0%</b>

**Scope 3 Category 6: Business Travel emissions by transport mode for YE 2024 & YE 2025**



This comparison graph uses data that has been normalised to exclude any emissions that were reported for the first time in this reporting period.

# Employee Commuting

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This category includes emissions from the transportation of employees between their homes and their place of work. Emissions from employee commuting may arise from car travel, bus travel, rail travel, air travel, and other modes of transportation.

Companies may include emissions from teleworking (i.e., employees working remotely) in this category

# Scope 3 emissions

## Category 7: Employee Commuting

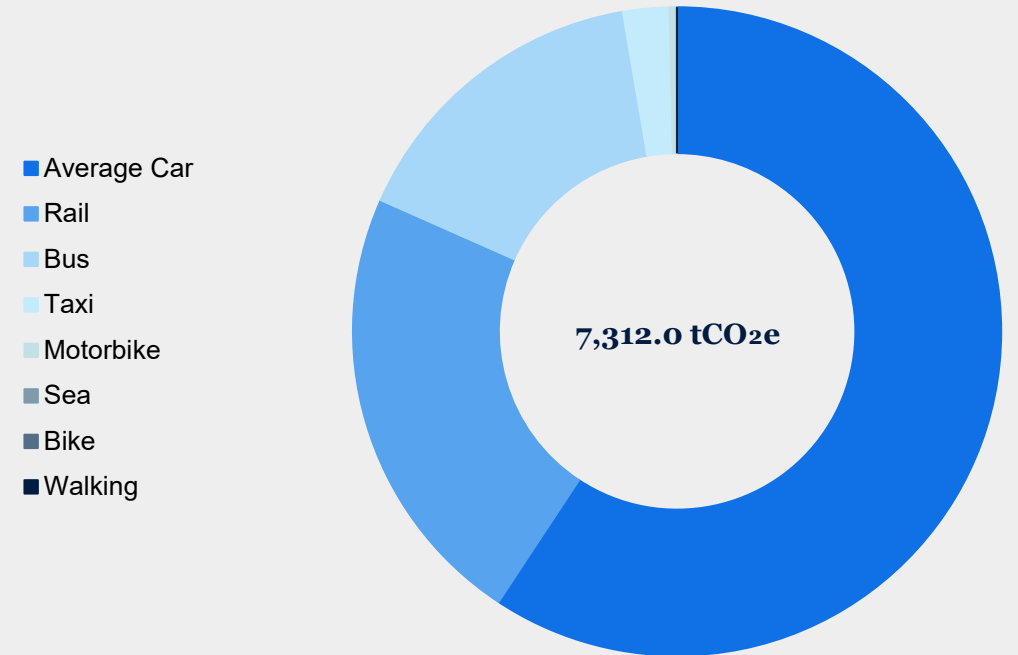
Employee commuting accounted for 59.24% of this year's total carbon footprint. Employee commuting was measured for the first time this reporting period, therefore, has been normalized from the year-on-year comparison.

Employee Commuting is including student commuting as well as staff commuting.

Employee Commuting emissions includes well-to-tank emissions.

Emission Source	YE 2025 tCO <sub>2</sub> e	YE 2025 Proportion
Average Car	4,334.7	59.3%
Rail	1,634.4	22.4%
Bus	1,147.3	15.7%
Taxi	168.6	2.3%
Motorbike	25.4	0.3%
Sea	1.6	0.0%
Bike	0	0.0%
Walking	0	0.0%
<b>Total</b>	<b>7,312.0</b>	<b>100.0%</b>

Scope 3 Category 7: Employee Commuting emissions by transport mode for YE 2024 & YE 2025



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# Annual review

# Comparison of key figures

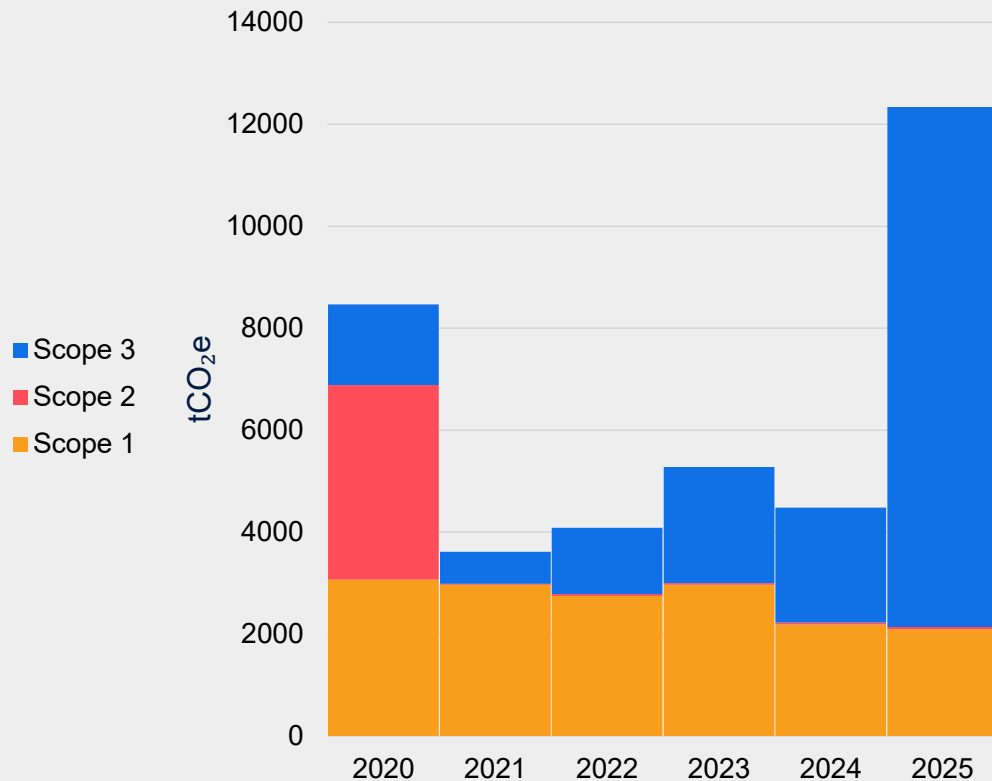
	YE 2024	YE 2025	Difference from previous year
<b>Organisational Boundary score (%)</b>	100.0%	100.0%	0.0%
<b>Operational Boundary score (%)</b>	41.2%	52.9%	11.7%
<b>Data Quality Score (%)</b>	87.5%	81.8%	-5.7%
<b>Total carbon emissions (tCO<sub>2</sub>e)</b>	4,460.9	12,341.9	176.7%
<b>Scope 1 &amp; 2 emissions (tCO<sub>2</sub>e)</b>	2,226.2	2,135.9	-4.1%
<b>Scope 3 emissions (tCO<sub>2</sub>e)</b>	2,234.7	10,206.0	356.7%

This comparison is using data that has NOT been normalised to exclude any emissions that were reported for the first time. This data highlights the measurement and the organisations reporting journey, not its carbon reduction journey.

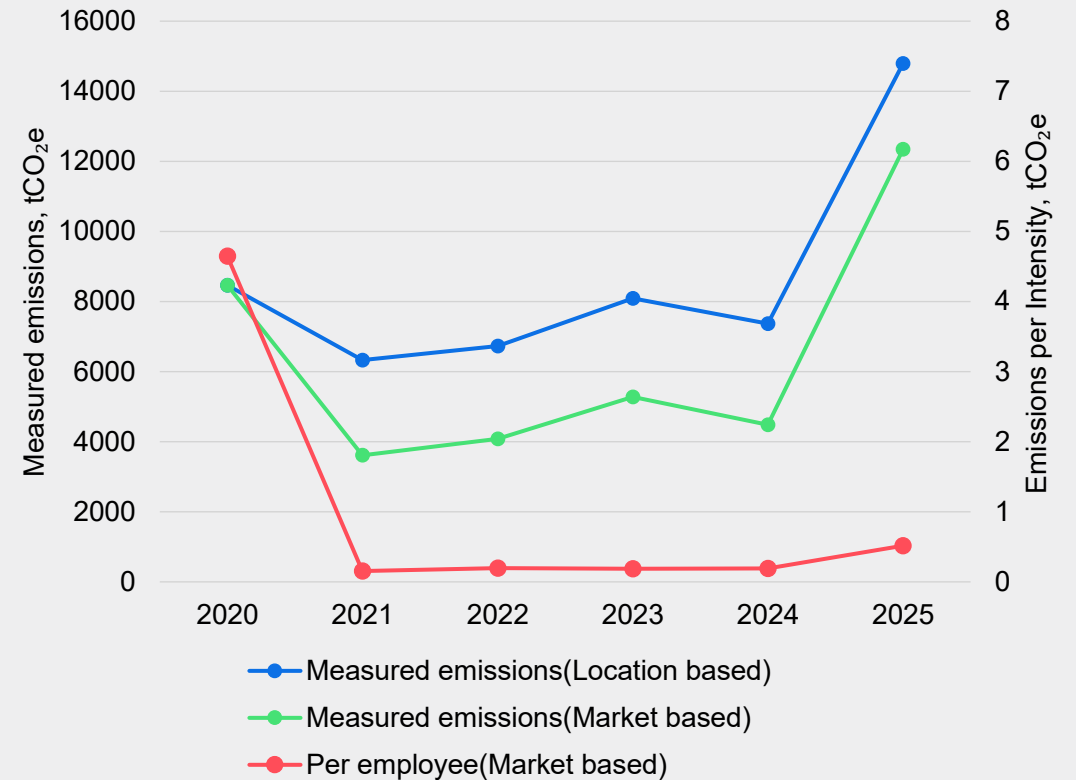
# Historic comparison

## Measured carbon footprint throughout the years

Measured carbon footprint by year by Scope (market-based)



Measured carbon footprint and intensity by year



This comparison is using data that has NOT been normalised to exclude any emissions that were reported for the first time. This data highlights the measurement and the organisations reporting journey, not its carbon reduction journey.

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# Appendix – supplementary information

# Boundary and quality assessment

## Recommendations:

Data quality is high, please keep it up for next years submission.

Broaden the coverage of Scope 3 emissions by measuring additional categories, such as Purchased Goods and Services and any other applicable to your operations, to better align with GHG Protocol best practices.

Provide km consumption for student commuting instead of the emissions.

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100.0 %

## Organisational Boundary Score

University of Greenwich's carbon footprint for this year represents its full organisational boundary.

To be eligible to move up to Level 2: Planet Mark Certified Net Zero Committed an organisational boundary score of 100% needs to be achieved.

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52.9 %

## Operational Boundary Score

University of Greenwich's carbon footprint for this year does not represent its full operational boundary.

To recertify next year as a Planet Mark Certified Business this score needs to improve by a minimum of 6%. To be eligible to move up to Level 2: Planet Mark Certified Net Zero Committed an operational boundary score of 100% needs to be achieved.

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81.8 %

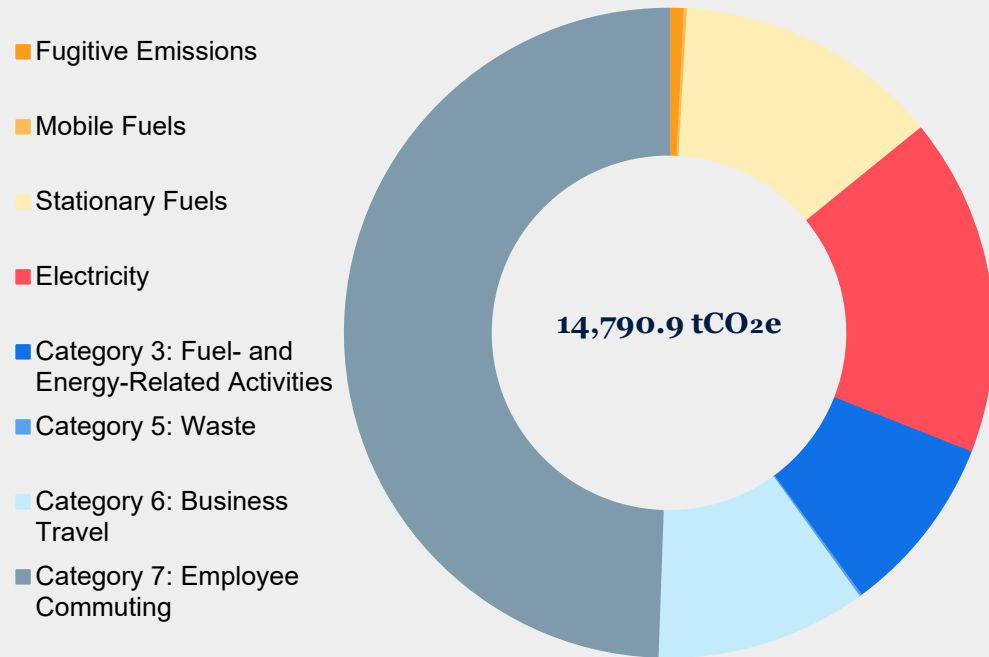
## Data Quality Score

A data quality score in this range is High, meaning the organisation has excellent data quality which is reliable for decision-making and an accurate carbon footprint.

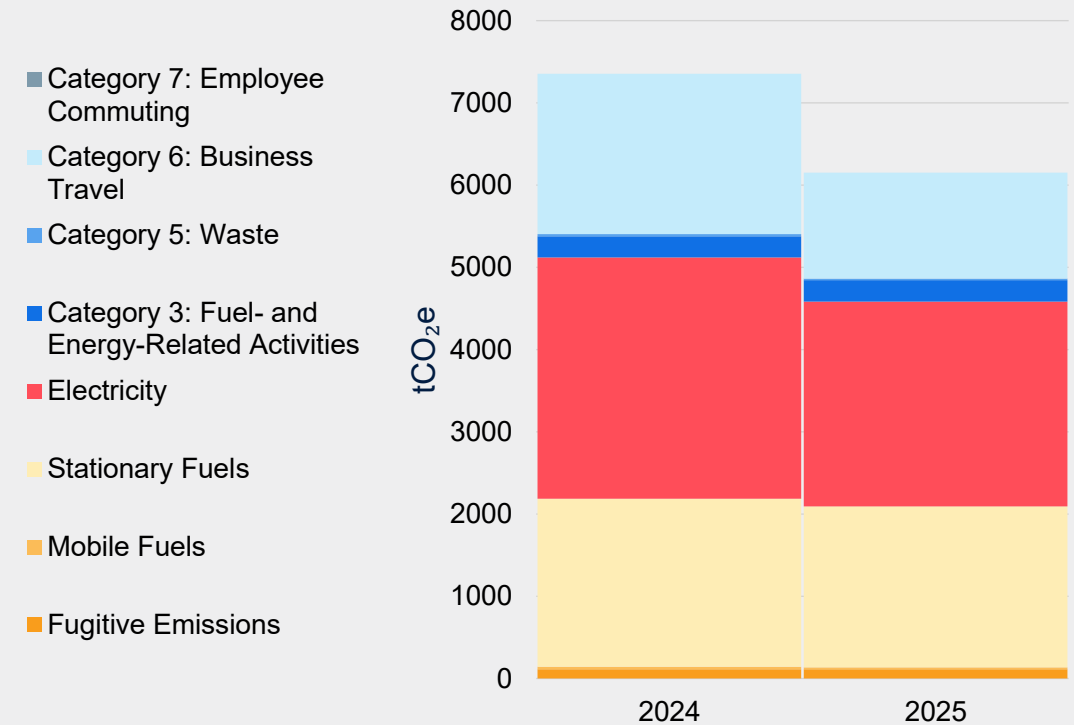
To be eligible for any level of Planet Mark certification a data quality score of at least 30% must be achieved.

# Measured carbon footprint and comparison by emission category (Location-based)

Carbon footprint by emission category (location-based) for YE 2025



Carbon footprint by emission category (location-based) for YE 2024 & YE 2025



This comparison graph uses data that has been normalised to exclude any emissions that were reported for the first time in this reporting period.

# SDG alignment

The Sustainable Development Goals (SDGs), also known as the Global Goals, are a collection of 17 interrelated goals set by the United Nations. They cover a broad range of social and economic development issues. These include poverty, hunger, health, education, climate change, gender, equality, water, sanitation, energy. By measuring and reducing your carbon footprint with the Planet Mark, you can directly and measurably contribute to up to 8 SDGs addressing 15 SDG targets



6.3 - Reduction in total waste produced



9.4 - Reduction in energy use  
9.4 - Reduction in electricity use



13.3 - Donation to the Eden Project



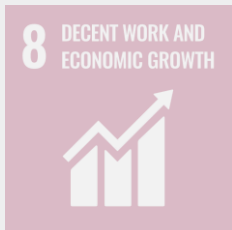
7.3 - Reduction in energy use  
7.3 - Reduction in electricity use  
7.2 - 100% of energy demand met by renewable energy



11.6 - Measured carbon emissions  
11.6 - Reduction in travel emissions  
11.6 - Reduction in total waste produced  
11.4 - Donation to the Eden Project



14.1 - Reduction in total waste produced



12.6 - Measured carbon emissions  
12.5 - Reduction in total waste produced

# Caveats (i)

## Scope 1

Operational Boundary	Unit	Data Source	Data Accuracy	% estimated	Comments, omissions, estimates or extrapolations	Emission factor source
Mobile Fuels	litres	Fuel Report	Actual fuel consumption	0.0%	No comments.	DESNZ 2025
Stationary Fuels	kWh, litres	Invoices, Meter Readings	Actual amount, Meter readings (Estimated/Actual/Smart)	0.0%	No comments.	DESNZ 2025
Fugitive Emissions	kg	Invoices	Actual amount	0.0%	The quantity of refrigerants topped up was provided by the University of Greenwich.	DESNZ 2025

# Caveats (i)

## Scope 2

Operational Boundary	Unit	Data Source	Data Accuracy	% estimated	Comments, omissions, estimates or extrapolations	Emission factor source
Electricity	kWh, km	Invoices, Odometer Readings	Meter readings (Estimated/Actual/Smart), Actual distance	0.0%	<p>Your scope 2 electricity emissions are reported in two ways: location-based and market-based methods. Location-based electricity emissions have been calculated using carbon emission factors for average national or sub-national grid electricity. Market-based electricity emissions have been calculated using emission factors for your specific electricity supply fuel mix as published on your supplier's website for electricity supplied in the period 2023 to 2024.</p> <p>On-site renewables consumption is included within Electricity in the report. Feed-in-Tariff is received and no evidence of retired REGOs was provided. The grid average emission factor has been applied to location-based and the residual mix for market-based.</p>	DESNZ 2025, Planet Mark

# Caveats (i)

## Scope 3

Operational Boundary	Unit	Data Source	Data Accuracy	% estimated	Comments, omissions, estimates or extrapolations	Emission factor source
Fuel- and Energy-Related Activities	kWh, litres, km	Invoices, Meter Readings, Odometer Readings, Fuel Report	Meter readings, Actual distance, Actual fuel consumption	0.0%	Scope 3 category 3 is calculated using the location-based method.	DESNZ 2025, Planet Mark
Waste	cubic metres, tonnes	Invoices, Supplier Report	Meter readings, Actual weights and actual mode of disposal	0.0%	Water consumption and waste data was provided.	DESNZ 2025
Business Travel	litres, km, passenger. km	Fuel Report, Travel Report	Calculated from spend and mode of transport, Actual distance (to/from or fuel usage) and actual mode of transport (broken down to class/type if applicable)	0.0%	<p>Emission factors used include well-to-tank emissions.</p> <p>For air travel, radiative forcing has been included.</p> <p>For rail travel, where only spend data are available, distance has been estimated using £0.55 per mile for national rail and £0.86 per mile for London underground. Calculations based on 2021 analysis of Planet Mark members' rail journeys.</p> <p>For taxi travel, where only spend data are available, distance has been estimated using £2.53 per mile. Calculations are based on a fixed start price of £2.8 per journey, an average cost of £2.02 per mile and an average taxi journey of 5.36 miles. Sources: UK national average taxi costs, Numbeo and 2019 Passenger journeys per person per year - Taxi and Private Hire Vehicle Statistics: England 2021.</p> <p>University of Greenwich bus service has been included in Business Travel as per their guidance.</p>	DESNZ 2025

## Caveats (ii)

### Scope 3

Operational Boundary	Unit	Data Source	Data Accuracy	% estimated	Comments, omissions, estimates or extrapolations	Emission factor source
Employee Commuting	km, passenger. km	Internal Survey	Client's own survey (reduced/different questions)	0.0%	Distances were calculated by University of Greenwich. Average London Bus EFs were used for Avery Hill and Greenwich, and Average non-London bus EFs were used for Medway.	DESNZ 2025

## Caveats (i) Information

Operational Boundary	Unit	Data Source	Data Accuracy	% estimated	Comments, omissions, estimates or extrapolations	Emission factor source
Headcount	FTE	Data Submission	Assumed actual		We have used the annual average full-time equivalent employees. Part-time employees are assumed to be half of a full-time employee. We assume headcount only includes active employees.	
Turnover	£m	Data Submission	Assumed actual		No comments.	
Floor Area	square meters	Data Submission	Assumed actual		No comments.	
Normalisation					Well-to-tank and radiative forcing have been normalised for relevant emission sources as these were not previously measured.  Employee Commuting emissions were normalised from the year-on-year comparison due to being measured for the first time this reporting period.	

# Carbon footprint breakdown

01 August 2023 to 31 July 2024

01 August 2024 to 31 July 2025

Category	Unit	Amount	tCO <sub>2</sub> e	Amount	tCO <sub>2</sub> e	tCO <sub>2</sub> e normalised	% Change in tCO <sub>2</sub> e from base year	% total carbon footprint	% Change in amounts from base year
<b>Scope 1</b>									
Fugitive Emissions	kg	87.0	113.1	87.0	113.1	113.1	0.0%	0.9%	0.0%
Mobile Fuels	litres	12,078.3	28.4	9,990.3	23.6	23.6	-17.1%	0.2%	-17.3%
Stationary Fuels	kwh	11,116,929.0	2,033.3	11,168,430.0	1,948.0	1,948.0	-4.2%	15.8%	0.5%
Stationary Fuels	litres	6,886.0	1.2	45,167.0	7.6	7.6	555.9%	0.1%	555.9%
Stationary Fuels	tonnes	164.3	8.9	0	0	0	-100.0%	0.0%	-100.0%
<b>Scope 2</b>									
Electricity (location-based)	km	0	0	57,418.2	0	0	-	-	-
Electricity (location-based)	kwh	14,174,166.5	2,934.8	14,086,078.0	2,492.7	2,492.7	-15.1%	-	-0.6%
Electricity (market-based)	km	0	0	57,418.2	0	0	-	0.0%	-
Electricity (market-based)	kwh	14,174,166.5	41.3	14,086,078.0	43.7	43.7	5.7%	0.4%	-0.6%
<b>Scope 3</b>									
Category 3: Fuel- and Energy-Related Activities	km	0	0	172,254.5	0	0	-	0.0%	-
Category 3: Fuel- and Energy-Related Activities	kwh	14,085,576.0	257.8	53,136,183.0	1,298.3	259.2	0.6%	10.5%	277.2%
Category 3: Fuel- and Energy-Related Activities	litres	0	0	55,157.3	23.8	0	-	0.2%	-
Category 5: Waste	cubic metres	113,507.9	21.1	91,882.1	15.7	15.7	-25.5%	0.1%	-19.1%
Category 5: Waste	tonnes	605.7	4.0	546.8	2.8	2.8	-30.2%	0.0%	-9.7%
Category 6: Business Travel	km	441,041.4	81.3	664,775.4	72.9	57.8	-28.8%	0.6%	50.7%
Category 6: Business Travel	litres	124,194.8	311.2	251,493.1	399.4	322.6	3.6%	3.2%	102.5%
Category 6: Business Travel	passenger.km	8,100,565.2	1,559.4	21,870,991.5	1,081.2	907.1	-41.8%	8.8%	170.0%
Category 7: Employee Commuting	km	0	0	79,361,412.0	4,528.7	0	-	36.7%	-
Category 7: Employee Commuting	passenger.km	0	0	116,518,262.1	2,783.3	0	-	22.6%	-
<b>Market Based</b>									
<b>Total</b>	<b>tCO<sub>2</sub>e</b>		<b>4,460.9</b>		<b>12,341.9</b>	<b>3,701.1</b>	<b>-17.0%</b>		
No. employees	Number		23,525		24,015	24,015	-		
<b>Total per employee</b>	<b>tCO<sub>2</sub>e</b>		<b>0.2</b>		<b>0.5</b>	<b>0.2</b>	<b>-18.7%</b>		
<b>Location Based</b>									
<b>Total</b>	<b>tCO<sub>2</sub>e</b>		<b>7,354.4</b>		<b>14,790.9</b>	<b>6,150.2</b>	<b>-16.4%</b>		
No. employees	Number		23,525		24,015	24,015	-		
<b>Total per employee</b>	<b>tCO<sub>2</sub>e</b>		<b>0.3</b>		<b>0.6</b>	<b>0.3</b>	<b>-18.1%</b>		

# About

<b>Company name</b>	University of Greenwich
<b>Sector</b>	University Education
<b>Reporting period</b>	01 August 2024 to 31 July 2025
<b>Year of measurement</b>	6th
<b>Base year</b>	2024
<b>Planet Mark Membership Package</b>	Business Certification (membership package 1a)
<b>Total FTE employees (annual average no.)</b>	24,015.0
<b>Data collection lead</b>	David Jackson, d.jackson@greenwich.ac.uk, Sustainability Manager
<b>Significant reporting changes</b>	None
<b>Methodology</b>	We follow the GHG Protocol for Corporate Emission Reporting and The National TOMs Framework for Social Value Reporting. Refer to Planet Mark Net Zero Certification Scheme Rules, Procedures and Management for detailed information on the methodology and standards used in the preparation of this report.
<b>Community project</b>	Contributions to the Eden Project have been made as part of Planet Mark Certification.
<b>Prepared by</b>	Kaspars Vanags, Data Analyst, Planet Mark
<b>Checked by</b>	Joanne Rowley, Carbon Data and Audit Specialist, Planet Mark
<b>Date</b>	09 April 2026



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