



MEASUREMENT REPORT

YEAR 2

Avrion

Reporting period:

01 April 2024 to 31 March 2025

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Boundary and key figures

Reporting period
01 April 2024 to 31 March 2025

Organisational boundary
44A Fore Street, Hertford,
Hertfordshire, SG14 1AW

Operational boundary

- Scope 1:**
N/A
- Scope 2:**
Electricity
- Scope 3:**
Category 3: Fuel- and Energy-related Activities
Category 6: Business Travel

Avrion has been measuring its carbon footprint with Planet Mark for 2 years.

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

Avrion's highest emitting category was Scope 3 Category 6: Business Travel at 65.8% of their total market-based footprint followed by Scope 2 Electricity at 28.4% of their total market-based footprint. Category 6: Business Travel has seen the largest decrease in emissions, reducing by 0.2 tCO₂e 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.

Avrion has expanded its boundary this year in the following categories: Fuel- and Energy-Related Activities, Business Travel 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

-  **136.7 %**
Comparison of Scope 1 & 2 emissions vs previous year
-  **-1.9 %**
Comparison of absolute measured emissions vs 2024 baseline (normalised)
-  **12.0 tCO₂e**
Measured carbon footprint (market-based)
-  **0.9 tCO₂e**
Measured carbon footprint per FTE (market-based)
-  **81.9 %**
Data Quality Score
-  **100.0 %**
Organisational Boundary Score
-  **23.5 %**
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

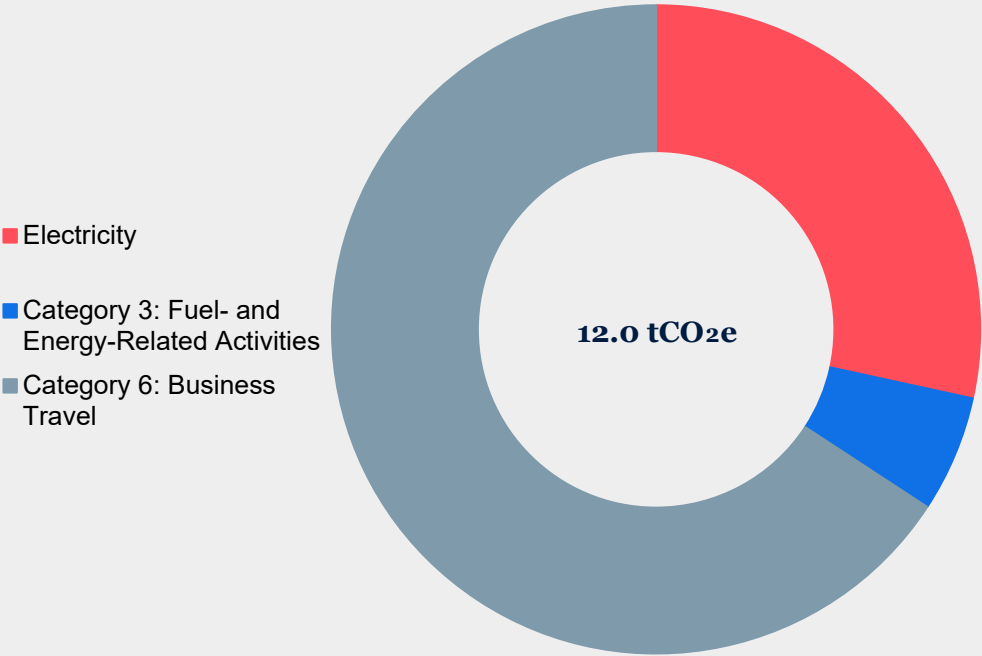
SCOPE 3 DOWNSTREAM

- 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 ₂ e	YE 2025 Proportion
Scope 2	Electricity (location-based)	2.1	-
	Electricity (market-based)	3.4	28.4%
Scope 3	Category 3: Fuel- and Energy-Related Activities	0.7	5.8%
	Category 6: Business Travel	7.9	65.8%
Total (market-based)		12.0	
No. employees		13.5	
Per Employee		0.9	
Total (location-based)		10.7	
No. employees		13.5	
Per Employee		0.8	

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

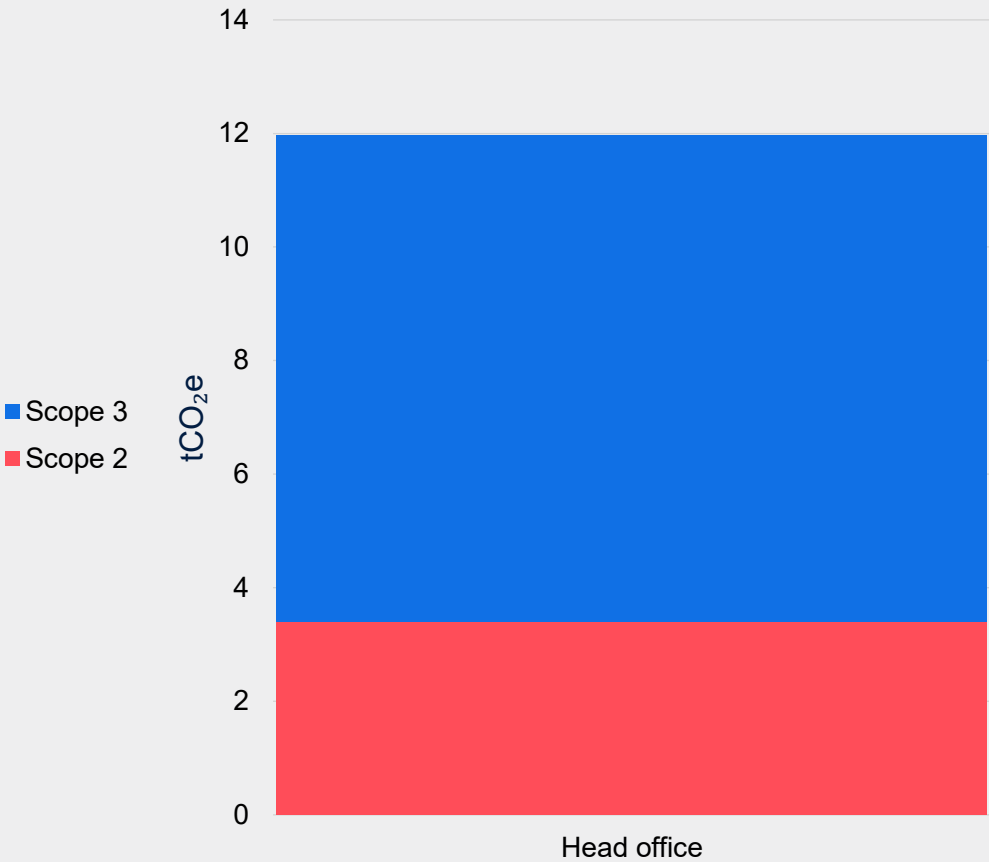


Comparison by location

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

Site name	YE 2025 tCO ₂ e	YE 2025 Proportion
Head office	12.0	100.0%
Total	12.0	100.0%

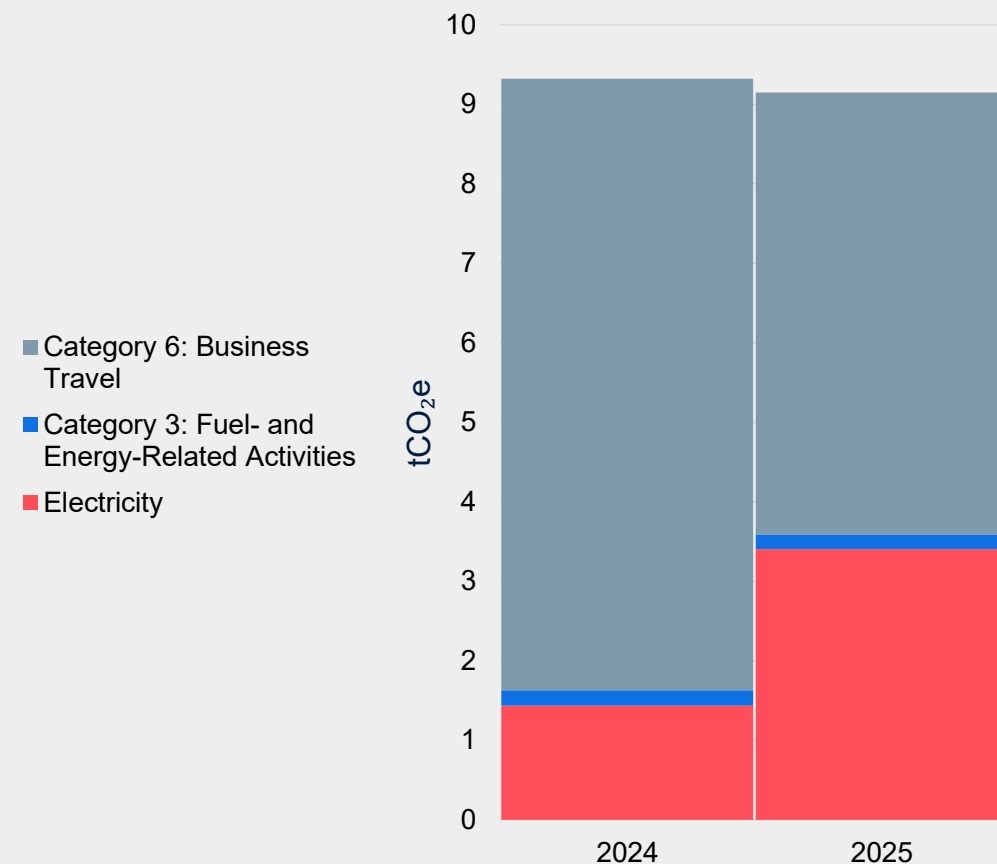
Carbon footprint by Scope 1, 2 & 3 (market-based) per location for YE 2025



Measured carbon footprint comparison

Scope	Emission Category	YE 2024 tCO ₂ e	YE 2025 tCO ₂ e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO ₂ e normalised	YE 2025 Change normalised
Scope 2	Electricity (location-based)	2.2	2.1	-	-5.6%	2.1	-5.6%
	Electricity (market-based)	1.4	3.4	28.4%	136.7%	3.4	136.7%
Scope 3	Category 3: Fuel- and Energy-Related Activities	0.2	0.7	5.8%	259.2%	0.2	-3.6%
	Category 6: Business Travel	7.7	7.9	65.8%	2.4%	5.6	-27.7%
Total (market-based)		9.3	12.0		28.5%	9.1	-1.9%
No. employees		12	13.5			13.5	
Per employee		0.8	0.9		14.2%	0.7	-12.8%
Total (location-based)		10.1	10.7		5.6%	7.9	-22.4%
No. employees		12	13.5			13.5	
Per employee		0.8	0.8		-6.2%	0.6	-31.0%

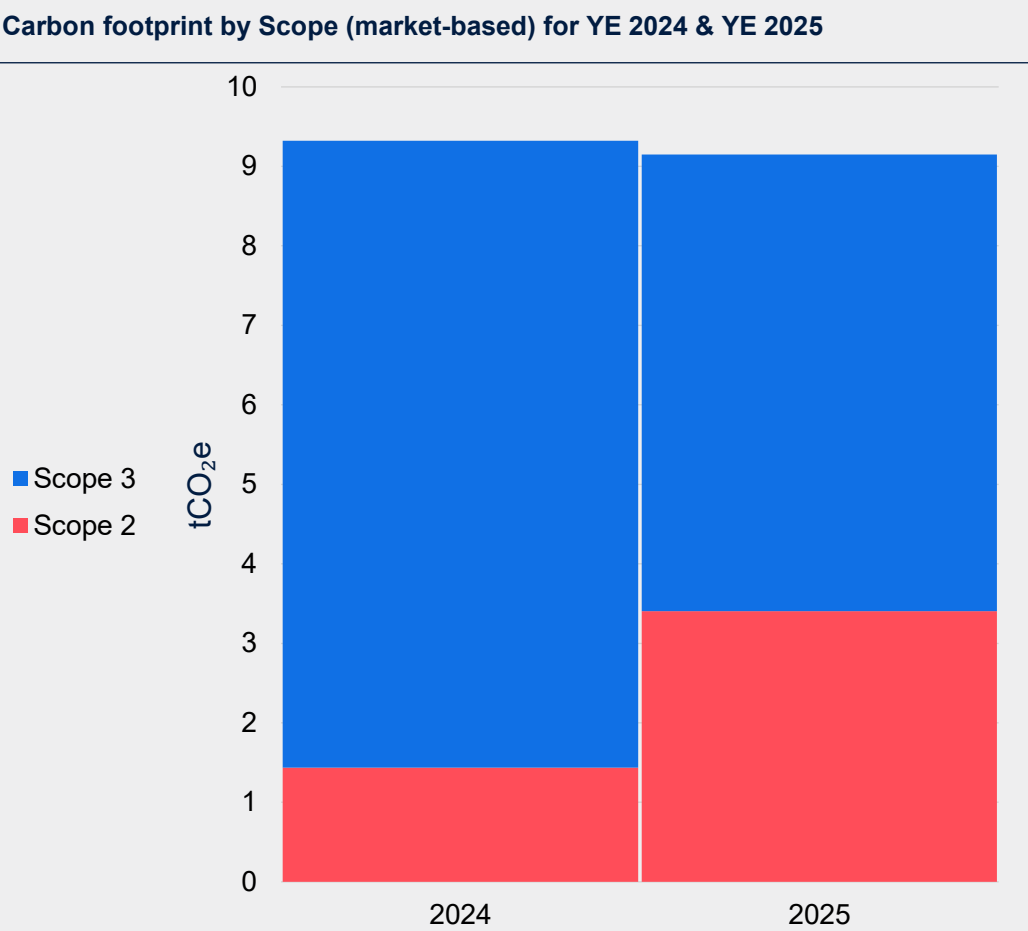
Total carbon footprint by emission source (market-based) for YE 2025



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 ₂ e	YE 2025 tCO ₂ e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO ₂ e normalised	YE 2025 Change normalised
Scope 2 (market-based)	1.4	3.4	28.4%	136.7%	3.4	136.7%
Scope 2 (location-based)	2.2	2.1	19.8%	-5.6%	2.1	-5.6%
Scope 3	7.9	8.6	71.6%	8.7%	5.7	-27.1%
Total	9.3	12.0	100.0%	28.5%	9.1	-1.9%
Total Scope 1 & 2	1.4	3.4	28.4%	136.7%	3.4	136.7%
Total Scope 1 & 2 per FTE	0.1	0.3	-	110.4%	0.3	110.4%
Total Scope 1 & 2 (location-based)	2.2	2.1	19.8%	-5.6%	2.1	-5.6%
Total Scope 1 & 2 per FTE (location-based)	0.2	0.2	-	-16.1%	0.2	-16.1%



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 2 emissions

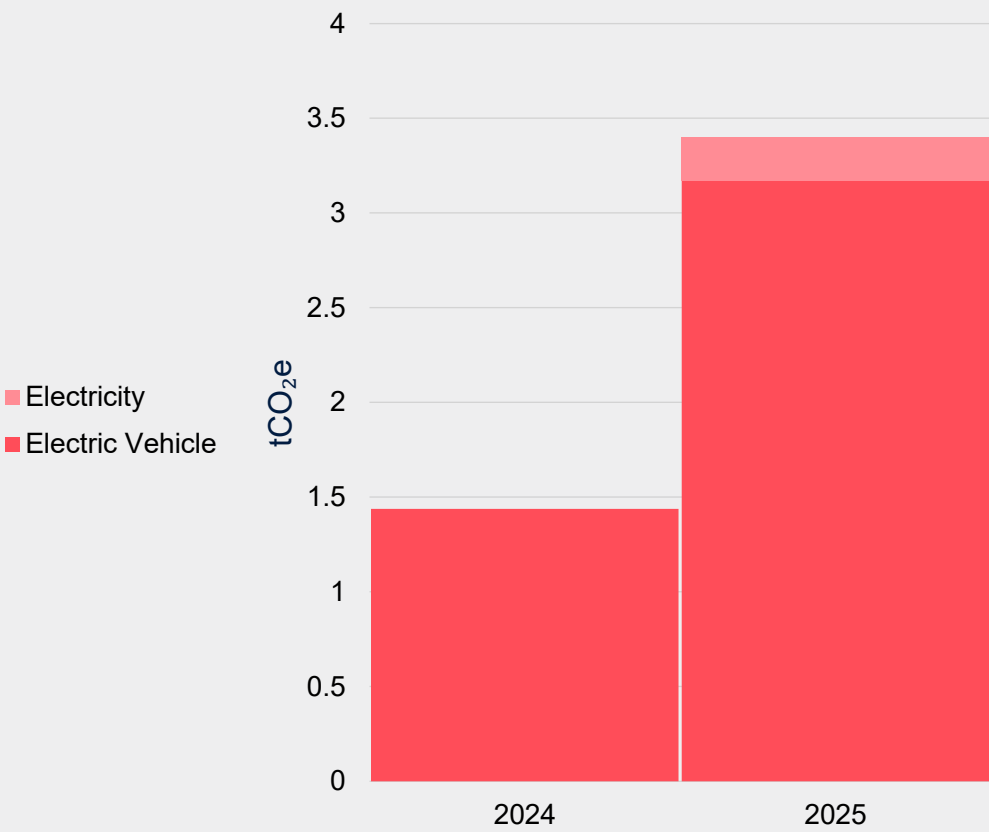
The emissions a company creates indirectly, associated with the energy it purchases (e.g., electricity).

Scope 2 emissions

28.42% of this year’s total carbon footprint. Emissions have increased as the Head Office is no longer on a renewable energy contract.

Emission Source	YE 2024 tCO ₂ e	YE 2025 tCO ₂ e	YE 2025 Proportion	YE 2025 Change
Electric Vehicle	1.4	3.2	93.2%	120.6%
Electricity	0	0.2	6.8%	-
Total	1.4	3.4	100.0%	136.7%

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



Scope 3 emissions

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

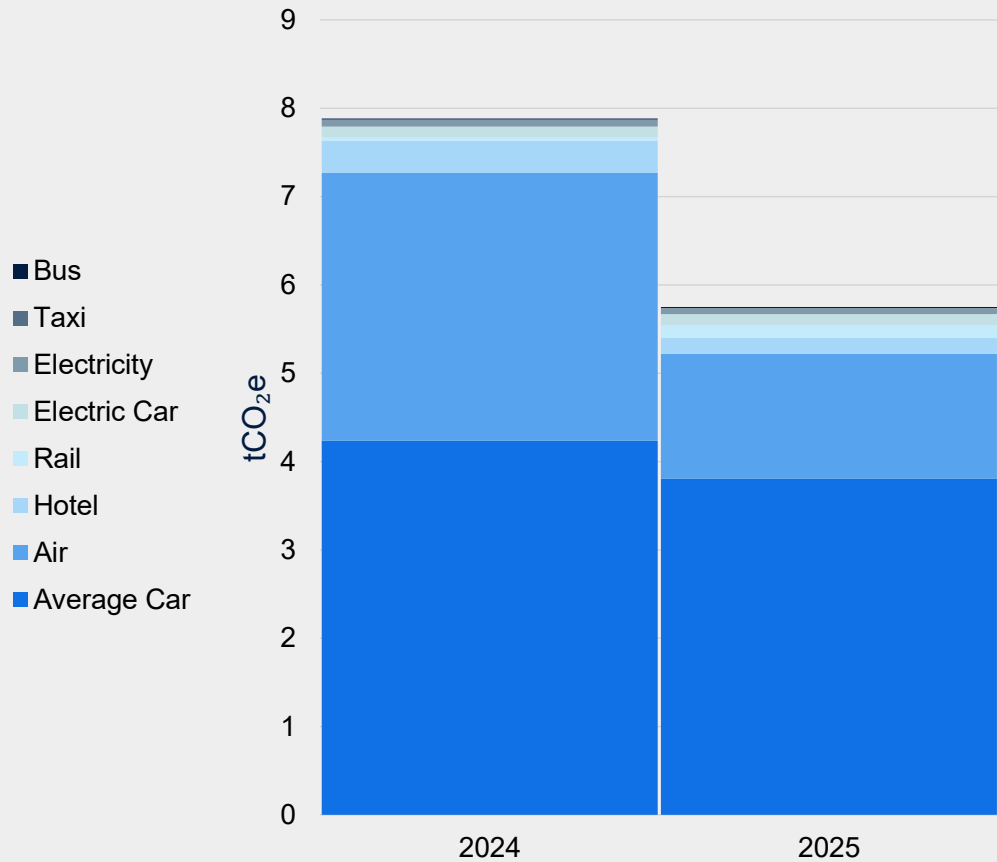
Scope 3 is split into 15 categories.

Scope 3 emissions

71.58% of this year’s total carbon footprint. These are the top 10 sources from all scope 3 categories combined.

Emission Source	YE 2024 tCO ₂ e	YE 2025 tCO ₂ e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO ₂ e normalised	YE 2025 Change normalised
Average Car	4.2	4.8	56.1%	13.5%	3.8	-10.1%
Air	3.0	2.7	31.4%	-11.3%	1.4	-53.4%
Hotel	0.4	0.2	2.1%	-49.5%	0.2	-49.5%
Rail	0.04	0.2	2.1%	356.7%	0.1	264.3%
Electric Car	0.1	0.5	5.4%	272.8%	0.1	0.1%
Electricity	0.1	0.2	2.7%	234.9%	0.1	-10.1%
Taxi	0.02	0.01	0.1%	-63.2%	0.01	-70.5%
Bus	0	0.01	0.1%	-	0.005	-
Total	7.9	8.6	100.0%	8.7%	5.7	-27.1%

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

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.

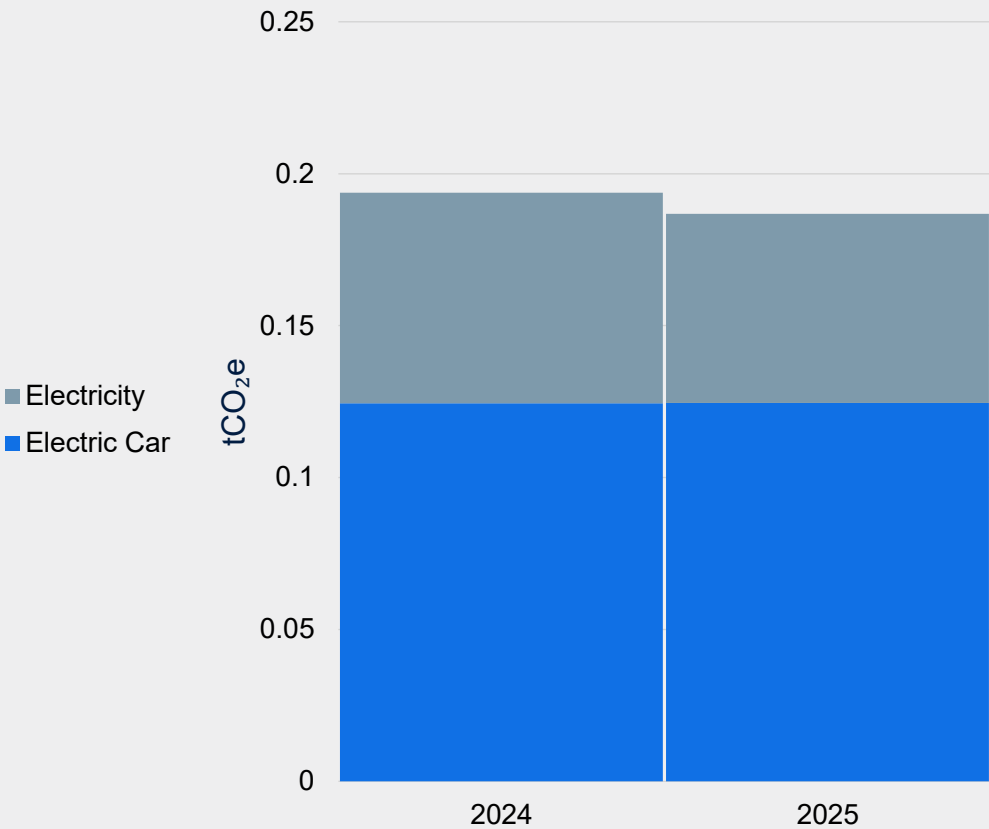
Scope 3 emissions

Category 3: Fuel and Energy Related Activities

5.81% of this year’s total carbon footprint. After normalisation, emissions in this category have decreased by 3.6%.

Emission Source	YE 2024 tCO ₂ e	YE 2025 tCO ₂ e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO ₂ e normalised	YE 2025 Change normalised
Electric Car	0.1	0.5	66.6%	272.8%	0.1	0.1%
Electricity	0.1	0.2	33.4%	234.9%	0.1	-10.1%
Total	0.2	0.7	100.0%	259.2%	0.2	-3.6%

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.

Business Travel

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.

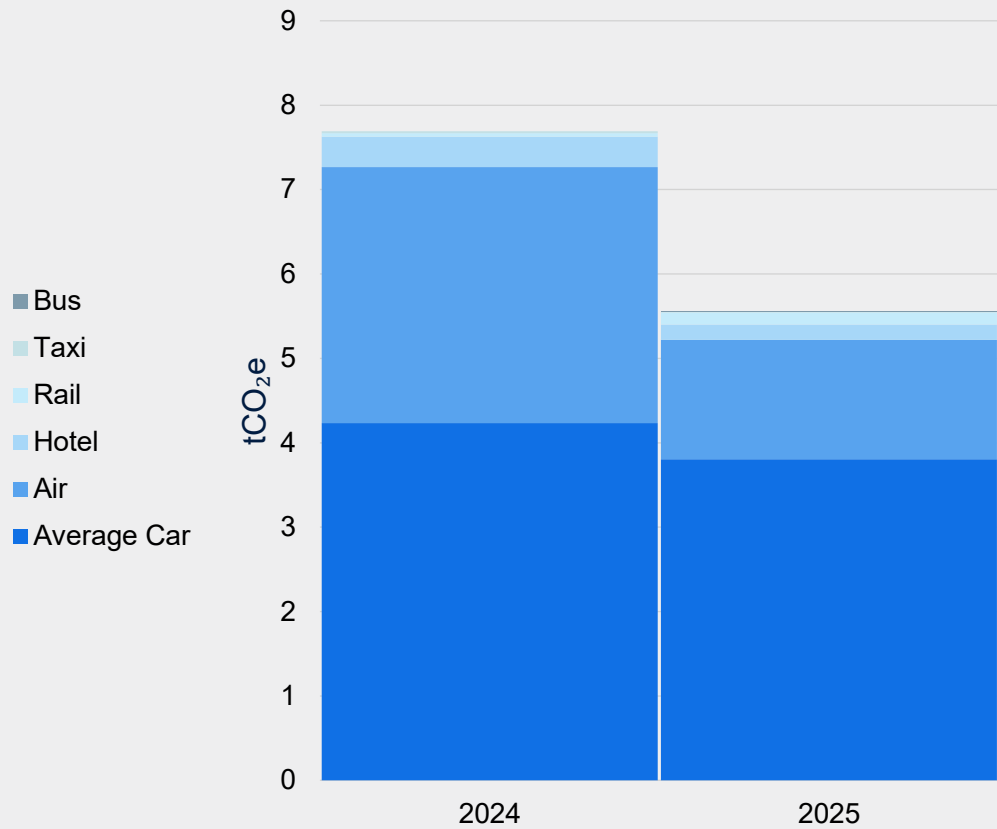
Scope 3 emissions

Category 6: Business Travel

65.77% of this year’s total carbon footprint. After normalisation, emissions in this category have decreased by 27.7%.

Emission Source	YE 2024 tCO ₂ e	YE 2025 tCO ₂ e	YE 2025 Proportion	YE 2025 Change	YE 2025 tCO ₂ e normalised	YE 2025 Change normalised
Average Car	4.2	4.8	61.0%	13.5%	3.8	-10.1%
Air	3.0	2.7	34.2%	-11.3%	1.4	-53.4%
Hotel	0.4	0.2	2.3%	-49.5%	0.2	-49.5%
Rail	0.04	0.2	2.3%	356.7%	0.1	264.3%
Taxi	0.02	0.01	0.1%	-63.2%	0.01	-70.5%
Bus	0	0.01	0.1%	-	0.005	-
Total	7.7	7.9	100.0%	2.4%	5.6	-27.7%

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

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

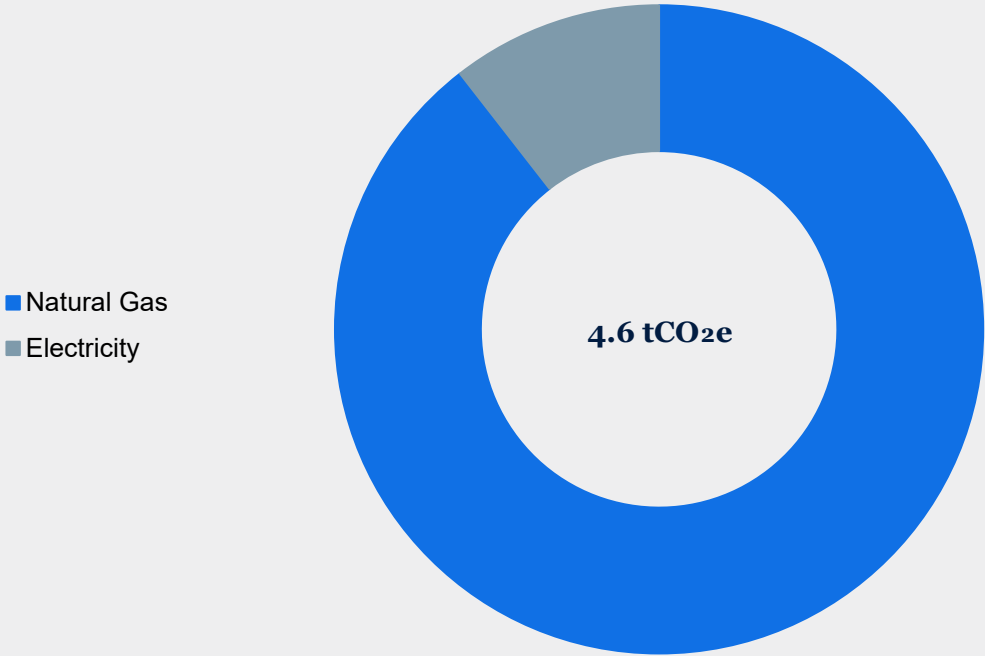
Scope 3 emissions

Category 7: Employee Commuting (Homeworking)

Emissions from this category are not included in the overall carbon footprint due to the uncertainties surrounding homeworking estimations.

Emission Source	YE 2025 tCO ₂ e	YE 2025 Proportion
Natural Gas	4.1	89.5%
Electricity	0.5	10.5%
Total	4.6	100.0%

Scope 3 Category 7: Employee Commuting (Homeworking) emissions for YE 2025



Annual review

Comparison of key figures

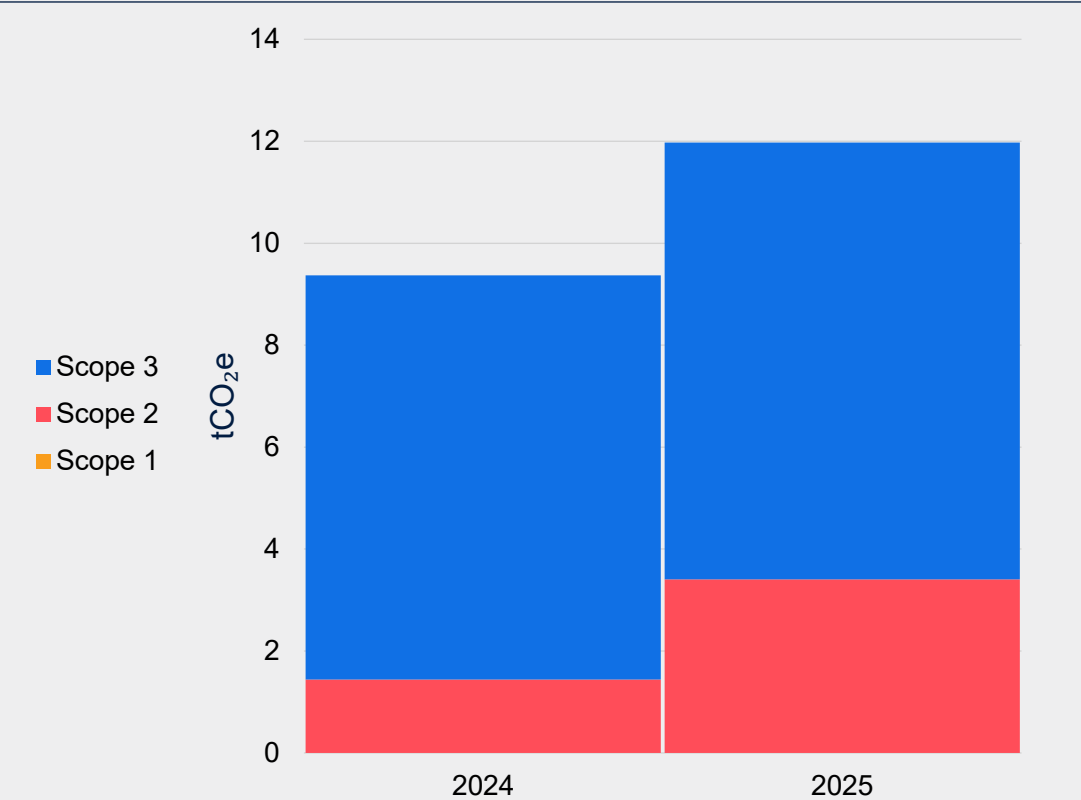
	YE 2024	YE 2025	Difference from previous year
Organisational Boundary score (%)	100.0%	100.0%	-%
Operational Boundary score (%)	23.5%	23.5%	-%
Data Quality Score (%)	96.9%	81.9%	-15.0%
Total carbon emissions (tCO ₂ e)	9.3	12.0	28.5%
Scope 1 & 2 emissions (tCO ₂ e)	1.4	3.4	136.7%
Scope 3 emissions (tCO ₂ e)	7.9	8.6	8.7%

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.

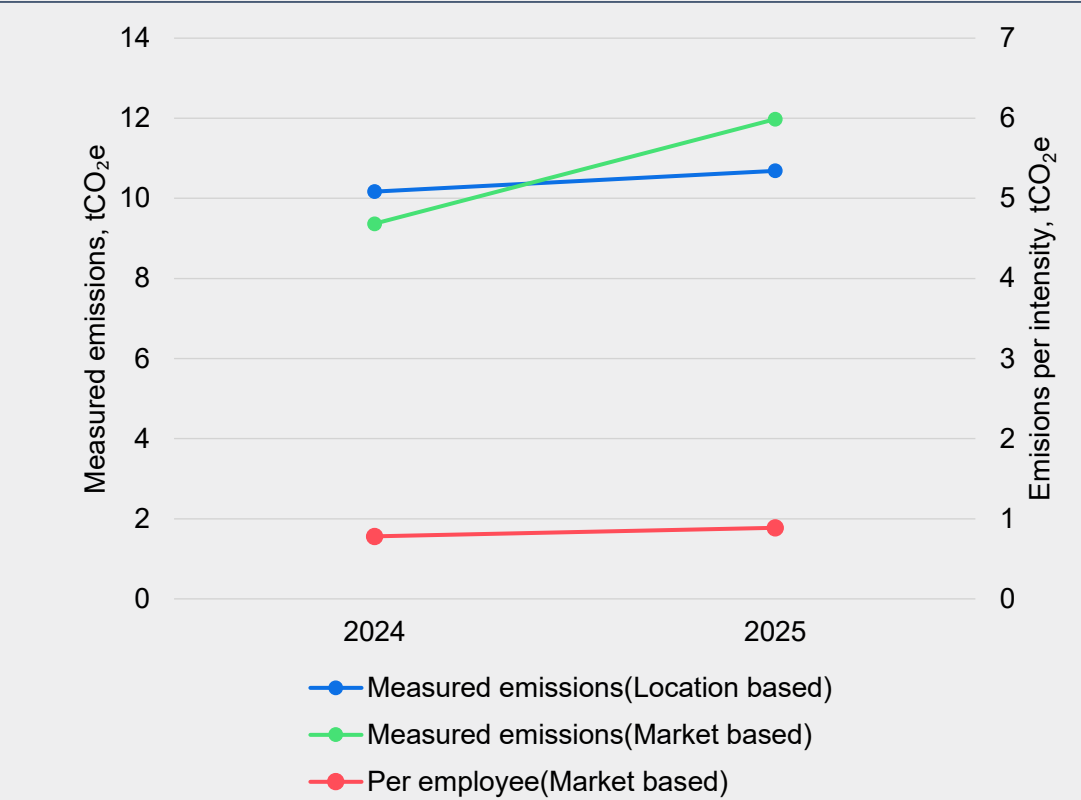
Historic comparison

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.

An aerial photograph of ocean waves, showing a large, turbulent wave with white foam and deep blue water. The text 'Appendix – supplementary information' is overlaid in white serif font, underlined.

Appendix – supplementary information

Boundary and quality assessment

Recommendations:

Start tracking all relevant Scope 3 emissions categories to build a more comprehensive emissions profile and identify meaningful reduction opportunities.

Please split your business travel and fleet travel evidence and label them accordingly so it is easy to ensure all data submitted is correct.

For business travel, please provide distances rather than cost where possible to ensure a more accurate measurement.

100.0 %

Organisational Boundary Score

Avrion'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.

23.5 %

Operational Boundary Score

Avrion'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.

81.9 %

Data Quality Score

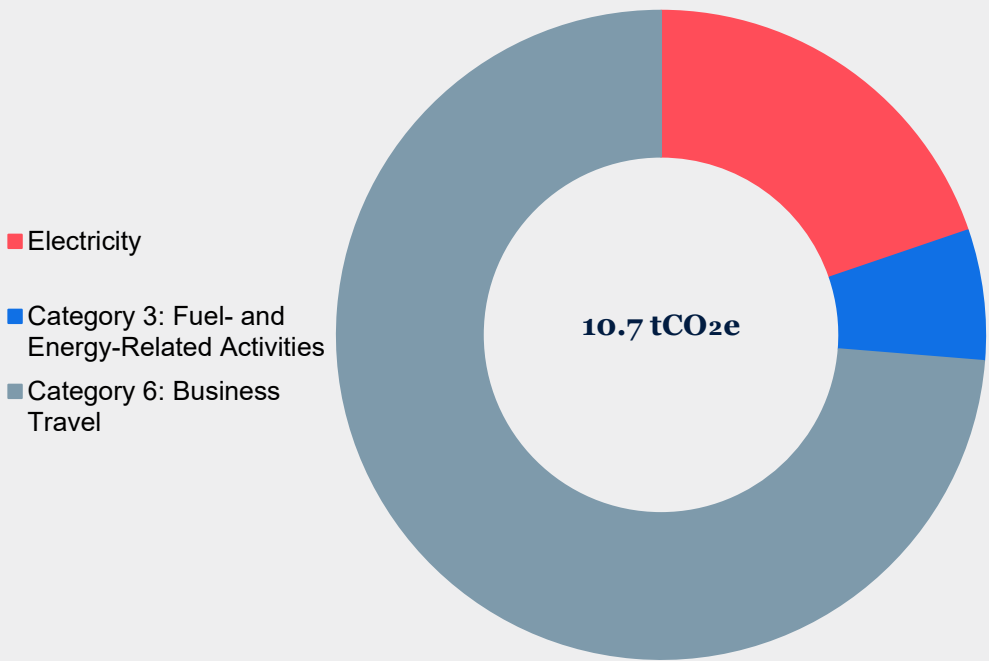
A data quality score in this range is High, meaning the organisation has excellent data quality which is reliable for decision-making and an accurate carbon footprint.

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

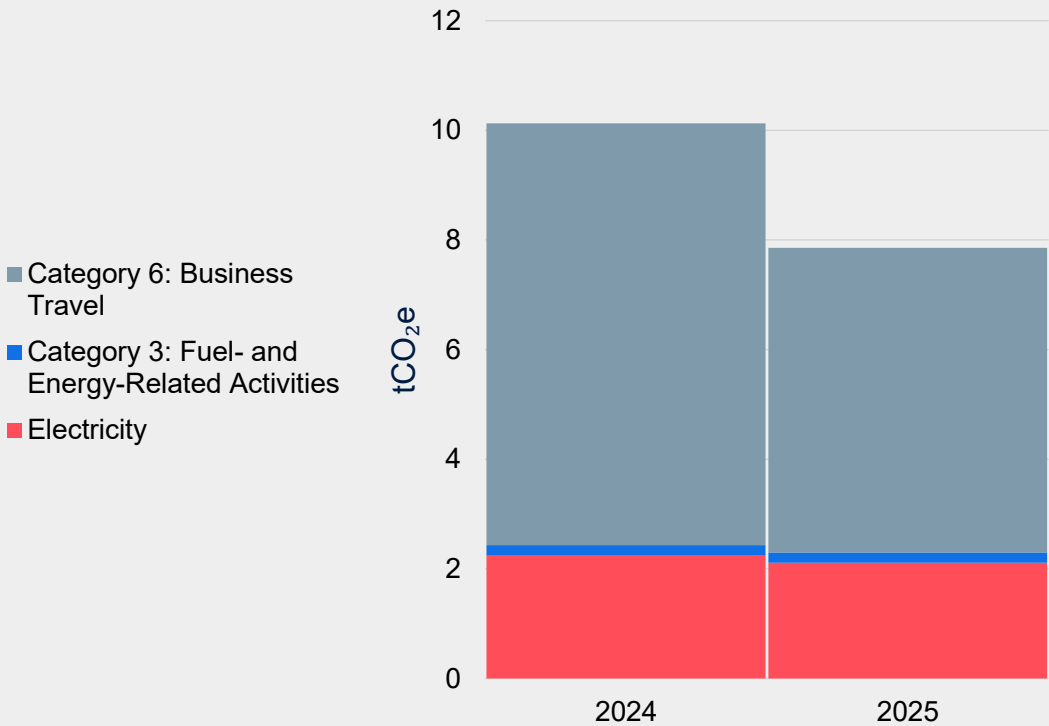
Measured carbon footprint and comparison by emission source

(Location-based)

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



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



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



- 9.4 - Reduction in energy use
- 9.4 - Reduction in electricity use
- 9.4 - 100% of fleet that is electric or hybrid

- 11.6 - Measured carbon emissions
- 11.4 - Donation to the Eden Project

- 12.6 - Measured carbon emissions

- 13.3 - Donation to the Eden Project

Caveats (i)

Scope 2

Operational Boundary	Unit	Data Source	Data Accuracy	% estimated	Comments, omissions, estimates or extrapolations	Emission factor source
Electricity	kWh	Invoices, Fuel Report	Meter readings (Estimated/Actual/Smart), Actual fuel consumption	1.6%	<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:</p> <ul style="list-style-type: none"> - your specific electricity supply fuel mix as published on your supplier's website for electricity supplied in the period March 2023 - April 2024. <p>Electric fleet vehicles are charged on-site 0.0%. Emissions have not been calculated for this percentage of distance reported to avoid double counting the emissions calculated from the site's electricity consumption.</p>	DESNZ 2024, E.ON Next

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	Invoices, Fuel Report	Meter readings (Estimated/Actual/Smart), Actual fuel consumption	8.0%	Scope 3 category 3 is calculated using the location-based method.	DESNZ 2024

Caveats (ii)

Scope 3

Operational Boundary	Unit	Data Source	Data Accuracy	% estimated	Comments, omissions, estimates or extrapolations	Emission factor source
Business Travel	Room per night, km, passenger.km	Invoices, Estimated, Travel Report	Actual distance (to/from or fuel usage) and actual mode of transport (broken down to class/type if applicable), Calculated from spend and mode of transport, Actual distance (to/from or fuel usage) and actual mode of transport	74.8%	<p>Emission factors used include well-to-tank emissions.</p> <p>For air travel, radiative forcing has been included. Class data was provided for 0.0% of flights, however, all flights have been assumed as Economy as per the previous reporting period. Flight distances have been checked using to and from destinations and Air Miles Calculator.</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. Where to and from destination have been provided, distances have been checked via Trainline.</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. Number of nights Hotel Stays in Spain has been estimated based on travel dates for flights.</p>	DESNZ 2024
Employee Commuting	kWh			100.0%	<p>Emissions for homeworking were measured but reported separately from the rest of the footprint. UK homeworking energy includes additional electricity and gas consumption as a result of each full-time equivalent employee working from home. We base our estimate of energy consumption due to homeworking on the DESNZ 2023 homeworking emission factors. The annualised DESNZ emission factors have been converted into monthly estimates of energy consumption in order to better account for seasonal variations. Our estimates are based on a 40h working week and a 6-month heating season (October to March) and take into account annual leave.</p>	DESNZ 2024

Caveats (i) Information

Operational Boundary	Unit	Data Source	Data Accuracy	% estimated	Comments, omissions, estimates or extrapolations
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.
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.

Carbon footprint breakdown

01 April 2023 to 31 March 2024				01 April 2024 to 31 March 2025					
Source	Unit	Amount	tCO ₂ e	Amount	tCO ₂ e	tCO ₂ e normalised	% Change in tCO ₂ e from base year	% total carbon footprint	% Change in amounts from base year
Scope 2									
Electricity (location-based)	kwh	10,811.4	2.2	10,207.1	2.1	2.1	-5.6%	-	-5.6%
Electricity (market-based)	kwh	10,811.4	1.4	10,207.1	3.4	3.4	136.7%	28.4%	-5.6%
Scope 3									
Category 3: Fuel- and Energy-Related Activities	kwh	10,811.4	0.2	30,621.2	0.7	0.2	-3.6%	5.8%	183.2%
Category 6: Business Travel	km	25,529.0	4.3	45,659.1	4.8	3.8	-10.5%	40.2%	78.9%
Category 6: Business Travel	passenger.km	29,342.1	3.1	47,796.9	2.9	1.6	-49.1%	24.0%	62.9%
Category 6: Business Travel	room per night	23.0	0.4	24.0	0.2	0.2	-49.5%	1.5%	4.3%
Market Based									
Total	tCO ₂ e		9.3		12.0	9.1	-1.9%		
No. employees	Number		12		13.5	13.5	-		
Total per employee	tCO ₂ e		0.8		0.9	0.7	-12.8%		
Location Based									
Total	tCO ₂ e		10.1		10.7	7.9	-22.4%		
No. employees	Number		12		13.5	13.5	-		
Total per employee	tCO ₂ e		0.8		0.8	0.6	-31.0%		

About

Company name	Avrion
Sector	Technology
Reporting period	01 April 2024 to 31 March 2025
Year of measurement	2nd
Base year	2024
Planet Mark Membership Package	Business Certification (membership package 1a)
Total turnover (£)	Not available
Total FTE employees (annual average no.)	13.5
Data collection lead	Caroline Robertson,caroline.robertson@avrion.co.uk - Project & Planning Manager
Significant reporting changes	No significant reporting changes
Methodology	We follow the GHG Protocol for Corporate Emission 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.
Community project	Contributions to the Eden Project have been made as part of Planet Mark Certification.
Prepared by	Annabel Jarvis, Data Analyst, Planet Mark
Checked by	Jamie Beevor, Head of Technical, Planet Mark Alex Smith, Technical Consultant, Planet Mark
Date	04 July 2025



PlanetMark