

Organisational Greenhouse Gas Emissions Report 2024

And net-zero action plan



Supplier name: **Bauder Limited** ¹

Publication date: **September 2025**

¹ This report solely captures the head office operations of Bauder Limited within the United Kingdom and does not include data from the wider Bauder Group across Europe.

Context

Paul Bauder GmbH & Co. KG is a leading manufacturer of roof building construction materials that is operational across Europe. The United Kingdom subsidiary, Bauder Limited, is a sales and marketing operation providing flat roof materials and system solutions to the specification segment of the construction industry.

As a family business, sustainability is a core pillar in all aspects of our company strategy, with a particular focus on significantly reducing our greenhouse gas emissions. Our company vision is:

With our people, we will lead the way with innovative and sustainable flat roofing solutions, protecting property and future generations whilst maximising the environmental benefit of the roof space.

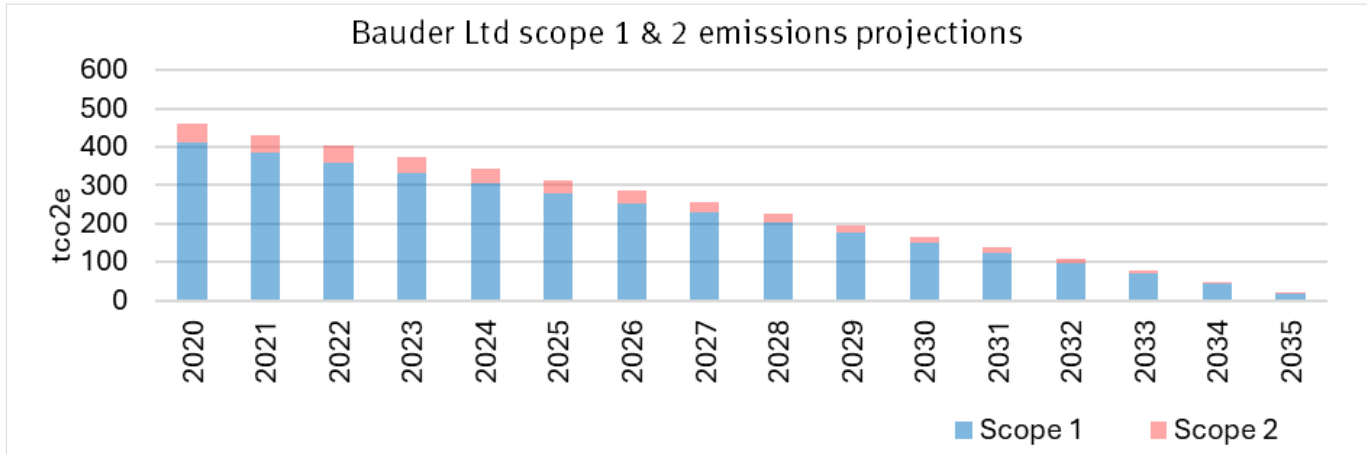
In the United Kingdom, our flat roof solutions:

- Ensure the roof is watertight to maintain normal operations within, and well insulated to reduce energy consumption.
- Create environmentally supportive spaces through the inclusion of green roofs that enhance biodiversity, or podium and rooftop gardens that extend recreational living spaces for people.
- Help attenuate and slow the discharge of stormwater from the flat roof to reduce the risk of localised flooding.
- Produce site-sourced electricity through the inclusion of a solar photovoltaic installation.

Commitment to greenhouse gas emissions reduction

At Bauder Ltd we have committed to the following net zero greenhouse gas emissions targets:

- Scope 1 & 2 – 2035
- Scope 3 – 2045



Carbon footprint tracking – net zero plan GHG projections

Perspective

This report accounts for our greenhouse gas emissions data within the operational control of our head office site in Ipswich, Suffolk, covering Scope 1, Scope 2 and selected Scope 3 emissions.

Reporting period

1st January 2024—31st December 2024

Description of methodologies and data set

We aim to continually develop the data capture and reporting methodologies used within our annual Greenhouse Gas Emissions Report. For our 2024 report, we have used the following methodologies:

Scope 1 and Scope 2 Reporting

We report on all our Scope 1 and 2 organisational emissions. Included in this report boundary

Bauder Ltd company vehicle emissions are calculated by taking an average mileage for each vehicle in the fleet and multiplying by the number of vehicles in the fleet of each fuel type.

Total electricity and gas usage are calculated based on meter readings taken at the start and end of the reporting period. We report both location-based and market-based emissions to account for the 100% renewable electricity we purchase.

Scope 3 Reporting

Category 5 Waste Generated in Operations Included in this report boundary

Emissions from waste generated in our operations are based on data provided by our waste carrier. The carbon emissions associated with this waste are calculated through application of the appropriate Department for Environment, Food & Rural Affairs (DEFRA) conversion factors.

Category 6 Business Travel Included in this report boundary

Bauder currently records air travel only. CO₂ is recorded using Google Flights. Further information on how Google estimates CO₂ emissions can be found here: <https://support.google.com/travel/answer/11116147>. We are working with our internal expenses team to obtain the required data for other methods of business travel (e.g. rail, taxis, buses, hotels) for future reports.

Category 7 Employee Commuting Included in this report boundary

Commuting figures are based on information provided in a questionnaire completed by 87 members of internal staff in 2025. This data is then averaged to account for all office-based staff (which is an accepted methodology within the Greenhouse Gas Protocol; Technical Guidance for Calculating Scope 3 Emissions; Category 7: Employee commuting).

Scope 3 Activities Under Advancement

Category 1 Purchased Goods and Services Not included in current reporting boundary

We are currently working with Bauder Group to enable us to report on greenhouse gas emissions associated with all materials supplied to the UK by Bauder Group. We anticipate being able to include within our benchmarking report from 2025 onwards.

Perspective (continued...)

Carbon reduction plan

In order to achieve these targets, we have a number of ongoing projects to help us reduce our greenhouse gas emissions:

Complete

- Ensure staff are carbon literate
- Purchase 100% of electricity from renewable sources
- Offset 100% of gas for heating
- Install car chargers at our Landseer Road premises
- Achieve and maintain third party certification to ISO 14001:2015, ensuring that all business activities are conducted in line with defined environmental management standards

Ongoing

- Transition our car fleet to battery electric vehicles wherever practical
- Operate an 'Agile Working' policy and maximise the use of technology (such as Microsoft Teams) to reduce travel and improve work-life balance
- Install renewable technologies and energy-efficiency measures to new warehouse facilities and Landseer Road offices during construction and renovation in 2025/2026.

We are committed to continual improvement in all our organisational activities and responsibilities towards decarbonising our business operations. We are advancing our greenhouse gas emissions reduction journey, and our next steps are:

- Extend our Scope 3 data set through robust capture and clear reporting
- Expand business travel from air travel only to incorporate all forms of business travel
- Incorporate purchased goods and services into reporting

Perspective (continued...)

Category 4 Upstream Transportation and Distribution Excepted in this report boundary

We are currently engaging with our key suppliers to obtain the data required to report the greenhouse gas emissions associated with material deliveries. We anticipate being able to include this within our greenhouse gas benchmarking report from calendar year 2026.

Category 9 Downstream Transportation and Distribution Excepted in this report boundary

We are currently engaging with our key suppliers to obtain the data required to report the greenhouse gas emissions associated with material deliveries.

Scope 3 **Activities Currently Excepted**

Bauder currently has insufficient data to enable transparent reporting on certain elements which would provide a clearer perspective on our carbon footprint. This outlook occurs due to difficulties in current data collection and the fact that some categories are not applicable to our business operations.

We have highlighted the categories below with causes:

Category 1 Purchased Goods and Services Not included in current reporting boundary

Category 2 Capital Goods Not included in current reporting boundary

Category 3 Fuel and Energy Related Activities Not included in current reporting boundary for data outside of Scope 1 or 2

Category 4 Upstream Transportation and Distribution Not included in current reporting boundary

Category 5 Waste Generated in Operations Not included in current reporting boundary

Category 7 Employee Commuting Not included in current reporting boundary

Category 8 Upstream Leased Assets Not included in current reporting boundary

Category 9 Downstream Transportation and Distribution Not included in current reporting boundary

Category 10 Processing of Sold Goods Not included in current reporting boundary

Category 11 Use of Sold Goods Not included in current reporting boundary

Category 12 End-of-Life Treatment of Sold Products (Disposal) Not included in current reporting boundary

Category 13 Downstream Leased Assets Not applicable - Bauder does not lease downstream assets

Category 14 Franchises Not applicable - Bauder does not own or operate franchises

Category 14 Investments Not applicable

Baseline operational emissions footprint

This data set informs on the greenhouse gases that have been produced and attributable to our business operations prior to the introduction of our carbon reduction plan. It is against this reference point that we will measure our impacts and improvements.

Baseline emissions period

01st January 2019 - 31st December 2019

This period has been identified as our baseline as it represented a normal operating year for business activities. We will adjust our base year emissions to account for significant changes (e.g. acquisitions, methodology changes, discovery of errors) that drives a change in emissions of greater than 5%.

Emissions (tCO ₂ e) by activity	Year end 2019		
	Scope	TOTAL	% of Total
Electricity (purchased electricity only)	2	53	9.27
Natural Gas	1	12	2.06
Fugitive emissions from air conditioning/refrigeration equipment	1	0	0.00
LPG	1	0	0.00
Gas Oil	1	0	0.00
Company Cars	1	427	74.09
Electricity for EVs/Plug-in hybrid company vehicles	2	0	0.00
HGV's and vans	1	0	0.00
Category 5: Waste Generated in Operations	3	0	0.00
Category 6: Business Travel	3	84	14.59
Category 7: Employee Commuting	3	0	0.00
Total Gross Carbon Emissions (tCO₂e)		576	
Total Gross Carbon Emissions Scope 1 (tCO₂e)		438	
Total Gross Carbon Emissions Scope 2 (tCO₂e)		53	
Total Gross Carbon Emissions Scope 3 (tCO₂e)		84	
Intensity Metric CO₂ to Headcount		3	
Intensity Metric CO₂ to £m turnover (tCO₂e)		6	
Renewable Energy Generated and then exported (tCO₂e)		0	
Purchased Renewable Electricity (tCO₂e)		44	
Carbon offsets (tCO₂e) [optional]		12	
Total annual net emissions - scopes 1 & 2 only (tCO₂e)		436	
Total annual net emissions (tCO₂e) [optional]		520	

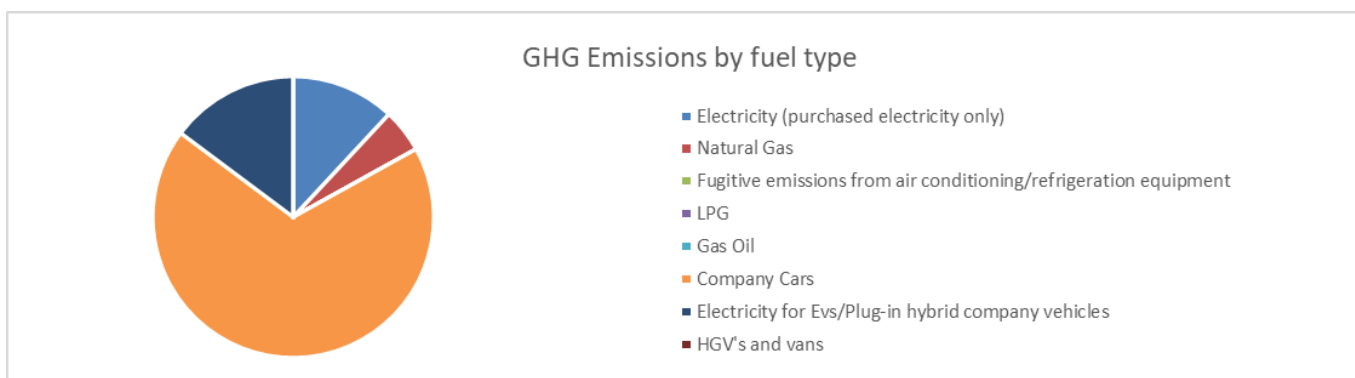
2024 Reporting Year Operational Emissions Data

Current data capture and reporting is conducted internally by Bauder Limited.

Data emissions period 01st January 2023 - 31st December 2023

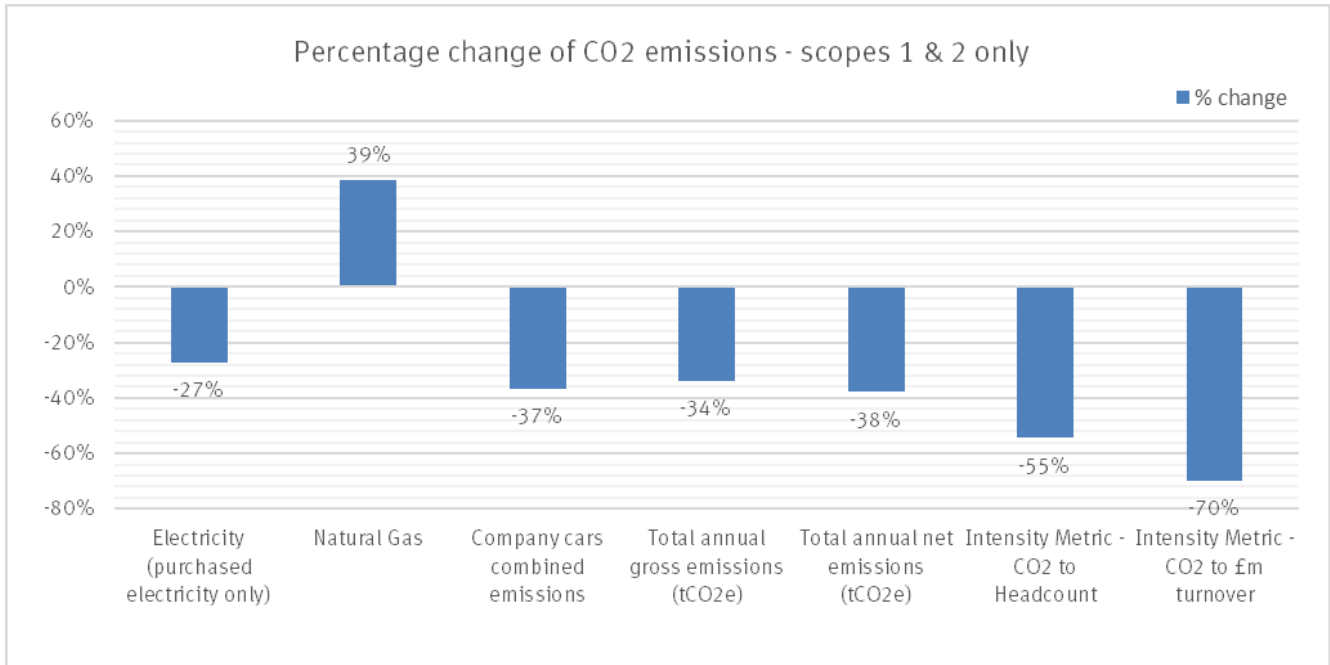
Year end 2024 [Reporting Year 5]

Emissions (tCO₂e)

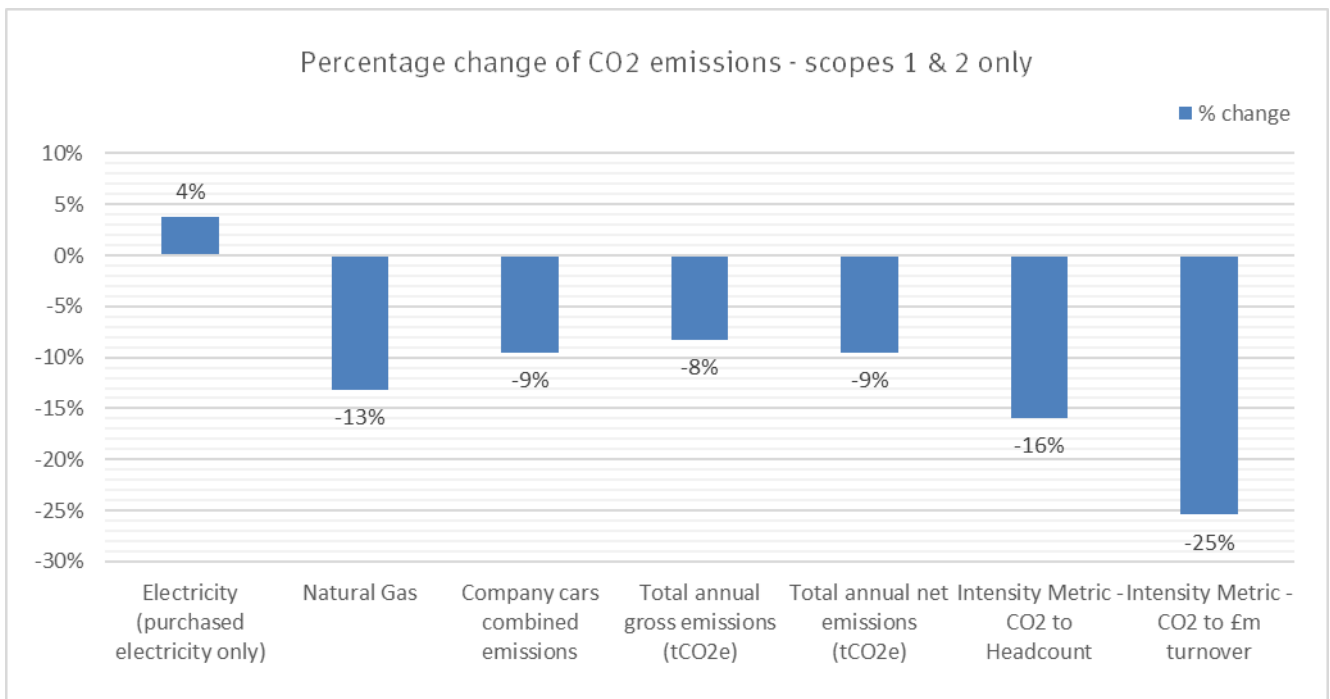


Emissions (tCO ₂ e) by activity	Year end 2024		
	Scope	TOTAL	% of Total
Electricity (purchased electricity only)	2	38.9	8.21
Natural Gas	1	16.4	3.02
Fugitive emissions from air conditioning/refrigeration equipment	1	0	0.00
LPG	1	0	0.00
Gas Oil	1	0	0.00
Company Cars	1	222.4	41.01
Electricity for EVs/Plug-in hybrid company vehicles	2	48.2	8.89
HGV's and vans	1	0	0.00
Category 5: Waste Generated in Operations	3	3.0	0.55
Category 6: Business Travel	3	51.0	9.40
Category 7: Employee Commuting	3	162.5	29.96
Total Gross Carbon Emissions (tCO₂e)		542	
Total Gross Carbon Emissions Scope 1 (tCO₂e)		239	
Total Gross Carbon Emissions Scope 2 (tCO₂e)		87	
Total Gross Carbon Emissions Scope 3 (tCO₂e)		216.4	
Intensity Metric CO₂ to Headcount		1.14	
Intensity Metric CO₂ to £m turnover (tCO₂e)		1.91	
Renewable Energy Generated and then exported (tCO₂e)		0	
Purchased Renewable Electricity (tCO₂e)		38.9	
Carbon offsets (tCO₂e) [optional]		16.4	
Total annual net emissions - scopes 1 & 2 only (tCO₂e)		271	
Total annual net emissions (tCO₂e) [optional]		487	

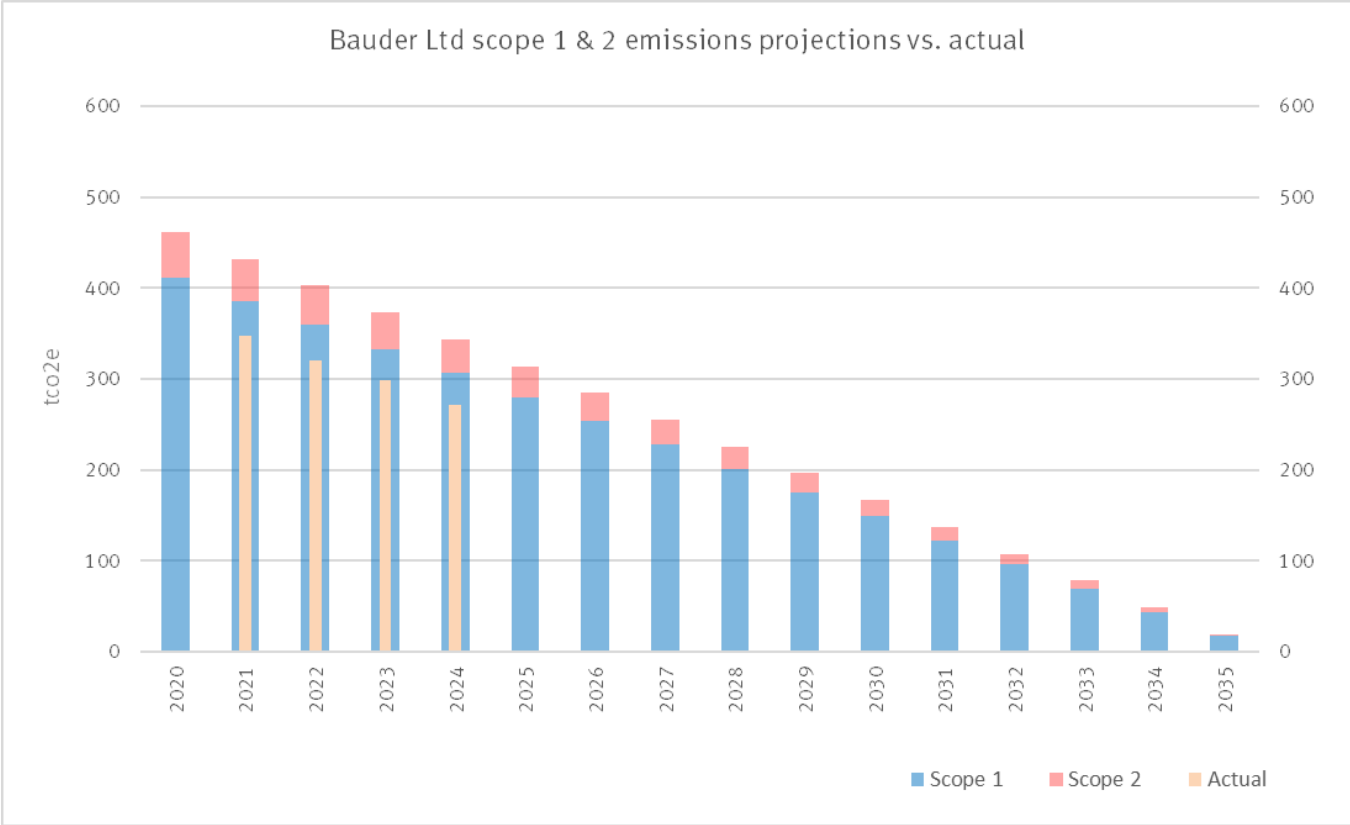
2024 Comparison of Operational Emissions Data Against 2019 Baseline



2024 Comparison of Operational Emissions Data Against 2023 Baseline



2024 Comparison of Operational Emissions Against Forecasted Emissions Reductions



Deductions

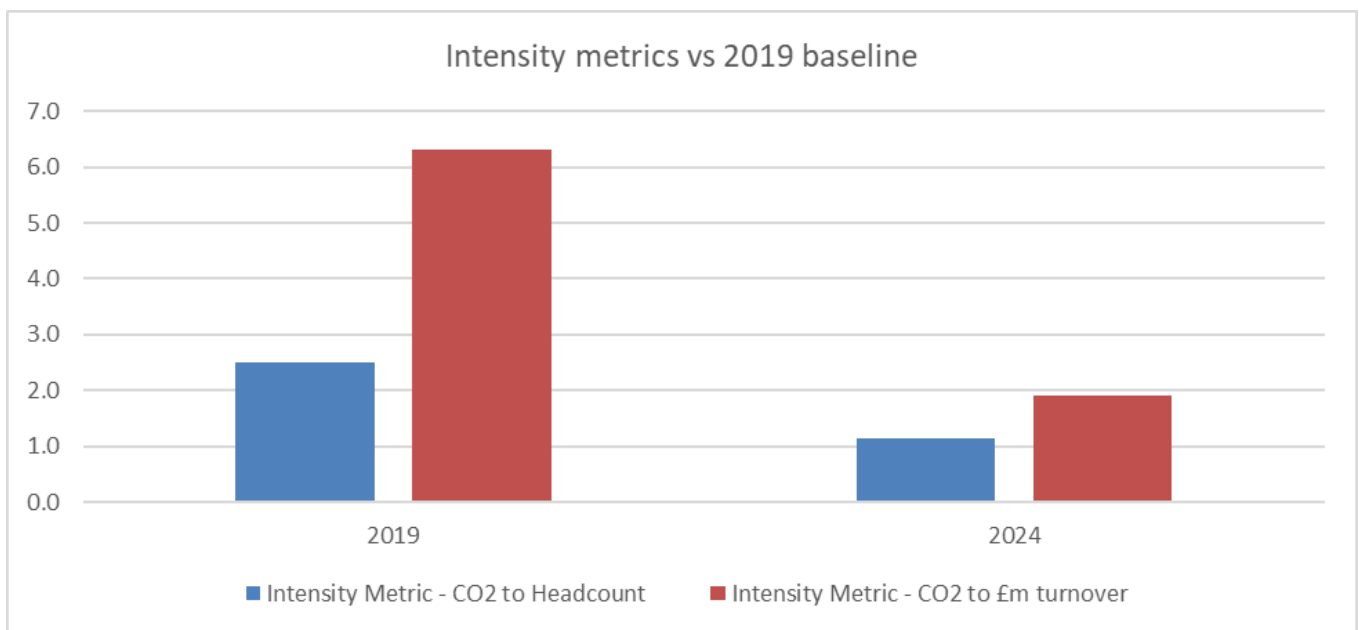
Total annual emissions for scopes 1 and 2 have reduced by 38% between 2019 and 2024. Emissions reductions continue to be ahead of projections against a backdrop of significant business growth. These reductions are largely due to a combination of electric vehicles added to our car fleet and an overall reduction in miles travelled.

Business travel in company cars accounts for approximately 50% of overall emissions in 2024. This represents an overall reduction in emissions of 37% compared to our 2019 baseline.

Electricity purchased has increased by 4% when compared to 2023. It is assumed this is due to an increase in the utilisation of electric vehicle chargers at our Landseer Road offices, and continues a trend seen in 2023. In all reference years, 100% of electricity purchased was from renewable energy sources.

Natural gas usage has reduced by 13% compared to 2023. All natural gas emissions are offset.

Scope 3 emissions have increased significantly from 84 tonnes in 2019 to 216 tonnes in 2024. This can be attributed to a number of factors, including better accuracy of data and an increase in scopes included within the report. This trend is anticipated to continue as we increase the number of categories included within this report and improve the accuracy of that data.



Our scope 1 and 2 emissions reductions are against a backdrop of continuing growth in both staff numbers and turnover. Whilst absolute emissions continue to reduce, our impact has reduced significantly when interpreted through both headcount and turnover intensity metrics, as can be seen in the above table.

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