

Carbon Reduction Plan

Higham Roofing & Construction Ltd

Reporting Period:
2024 – 2025

Our commitment to Net Zero

We are committed to achieving Net Zero emissions by 2050.

Baseline Year

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured. We have chosen to set our baseline year to 1 April 2024– 31 March 2025.

Organisational Boundary

Our organisational boundary is defined using the operational control approach.

Baseline Year: 2024–25

Additional Details relating to the Baseline Emissions calculations.

Higham Roofing & Construction’s emissions reporting began in the 2024–25 reporting year. We have reported against the five mandatory categories of Scope 3 mandated under the PPN 006 standard, along with Scope 1 and 2 emissions, based on operational control. We have also voluntarily reported our Fuel and Energy Related Activities (Scope 3).

Scope 1 and 2 emissions in our baseline year were generated by the gas and electricity usage at our site, alongside the fuel used in our vehicles and plant equipment.

For Scope 3, Downstream Transportation is not applicable to our organisation because we do not sell products. To better reflect our real-world environmental impact, we have used life cycle emission factors for Scope 3 activities wherever possible.

Some emissions in our baseline year were calculated using spend-based data and estimated volumes where accurate information was lacking. We are committed to continuous improvement in our emissions data, and recalculation of our base year will be implemented in future reporting periods if necessary to maintain an effective base year comparison.

Emissions	Total (tCO ₂ e)
Scope 1	290.10
Scope 2	5.59 (Location-based)
Scope 3	92.41
Total Emissions	388.05

Baseline Year Emissions Breakdown

Scope 1	Tonnes CO ₂ e
Stationary Combustion	Excluded – N/A
Mobile Combustion	289.59
Fugitive Emissions	0.46
Process Emissions	Excluded – N/A
Scope 2	
Electricity (location based)	5.59
Electricity (market based)	Excluded – N/A
Heat and Steam	Excluded – N/A
Scope 3 (Upstream)	
Purchased Goods & Services	Excluded – Relevant but not Measured
Capital Goods	Excluded – Relevant but not Measured
Fuel & Energy Related Activities	69.90
Upstream Transportation & Distribution	12.70
Waste Generated in Operations	3.37
Business Travel	1.22
Employee Commuting & Homeworking	5.22
Upstream Leased Assets	Excluded – N/A
Scope 3 (Downstream)	
Downstream Transportation & Distribution	Excluded – N/A
Processing of Sold Products	Excluded – N/A
Use of Sold Products	Excluded – N/A
End-of-Life Treatment of Sold Products	Excluded – N/A
Downstream Leased Assets	Excluded – N/A
Franchises	Excluded – N/A
Investments	Excluded – N/A

Current Emissions Reporting

Current Year: 2024-25

Emissions	Total (tCO ₂ e)
Scope 1	290.10
Scope 2	5.59 (Location-based)
Scope 3 (Including)	92.41
Total Emissions	388.05

Current Year Emissions Breakdown

Scope 1	Tonnes CO ₂ e
Stationary Combustion	Excluded – N/A
Mobile Combustion	289.59
Fugitive Emissions	0.46
Process Emissions	Excluded – N/A
Scope 2	
Electricity (location based)	5.59
Electricity (market based)	Excluded – N/A
Heat and Steam	Excluded – N/A
Scope 3 (Upstream)	
Purchased Goods & Services	Excluded – Relevant but not Measured
Capital Goods	Excluded – Relevant but not Measured
Fuel & Energy Related Activities	69.90
Upstream Transportation & Distribution	12.70
Operational Waste & Water	3.37
Business Travel	1.22
Employee Commuting & Homeworking	5.22

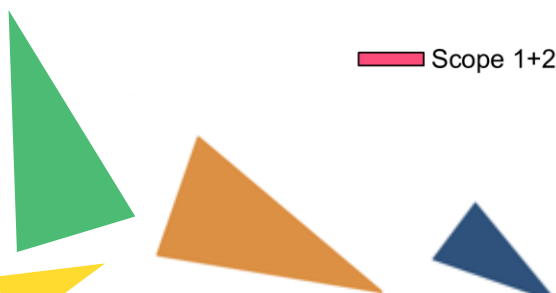
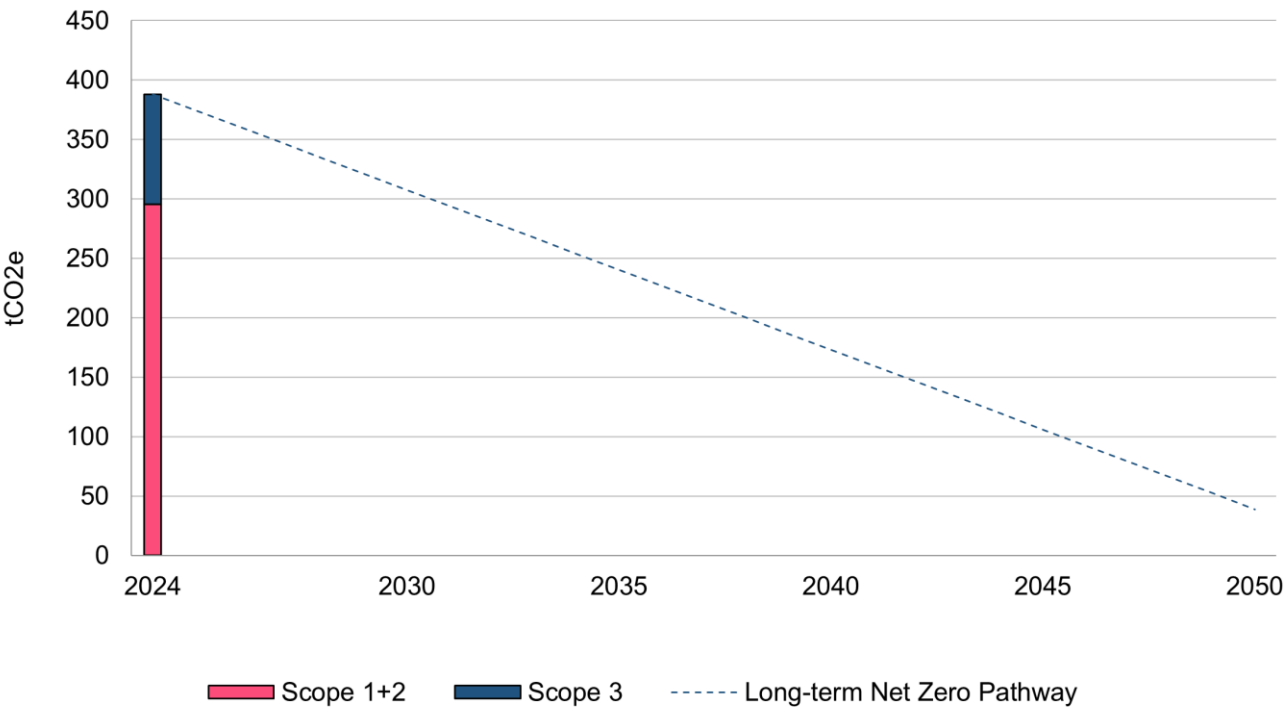
Upstream Leased Assets	Excluded – N/A
Scope 3 (Downstream)	
Downstream Transportation & Distribution	Excluded – N/A
Processing of Sold Products	Excluded – N/A
Use of Sold Products	Excluded – N/A
End-of-Life Treatment of Sold Products	Excluded – N/A
Downstream Leased Assets	Excluded – N/A
Franchises	Excluded – N/A
Investments	Excluded – N/A

Emissions Reduction Targets

We have committed to a long-term target of achieving net zero by 2050.

In practice, this equates to a 90% absolute reduction in Scope 1, 2 and 3 emissions by 2050 from our 2024-25 baseline. The remaining 10% of emissions will be balanced by emissions removals to achieve net zero.

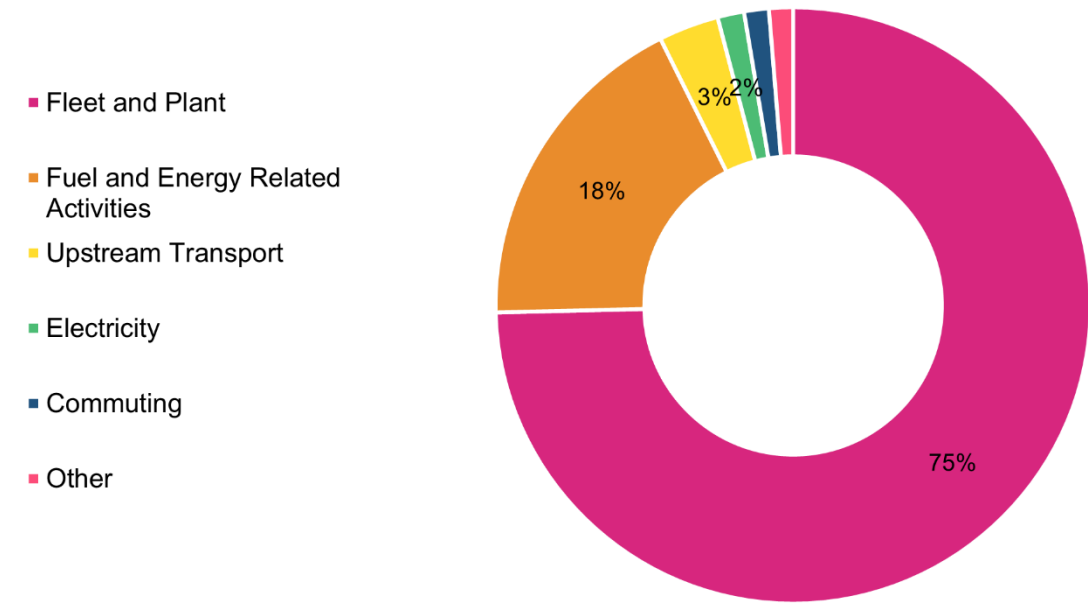
Our annual emissions reduction targets are set out in the chart below.



Our net zero target commits us to a decrease in total annual emissions to 307 tCO₂e by 2030, a reduction of 21% against our baseline year.

Carbon Reduction Projects

Higham Roofing & Construction is committed to taking action to bring down our emissions in-line with our targets. A materiality analysis of our 2024-25 emissions shows that our impact was overwhelmingly caused by the fuel usage of our fleet and associated plant equipment (Scope 1), as shown by the chart below:



Current & Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since our baseline and will be in effect when performing contracts.

Measure Description	Scope(s)
ISO 14001 Prior to the current reporting period, we developed and implemented an environmental management system accredited to the ISO 14001 standard. This has enabled a formalised and robust process with which we can monitor and manage key	All Scopes

environmental risks and impacts. We maintain this management system on an ongoing basis.	
Optimisation of Waste Streams While only a minor part of our emissions inventory, we have formalised a process of waste segregation during projects to enable a minimisation of waste sent to landfill, especially hazardous waste which cannot be recycled.	Scope 3 (Waste Generated in Operations)
Hybrid Vehicles We have started a process of transitioning company vehicles to lower carbon alternatives. Half of the vehicles used by our directors have already been moved to hybrid vehicles, which have lowered per mile emissions by ~40%. We plan to continue with this transition on a case-by-case basis when other vehicles come to the end of their operational life.	Scope 1 (Mobile Combustion)
Welfare Units When possible, we opt to use low carbon welfare units when working on extended projects at site. These units utilise small solar arrays rather than diesel generators and often better insulation to minimise heating and cooling requirements. Where possible we plan to quantify and report the reduced fuel requirements of these units in future. Where there is a continued use for diesel generators, we will consider the potential for using lower carbon fuel alternatives in future, depending on feasibility.	Scope 1 (Mobile Combustion)

Future Initiatives

In the future we hope to implement further measures such as:

Measure Description	Scopes addressed
Data Improvements Due to limited data availability, in certain cases we relied on spend-based estimates to calculate emissions in our baseline year. To better reflect the real world impact of our activities, we are implementing strategies to gather more volumetric data going forward in key areas such as Upstream Transport	All Scopes
Expansion of Reporting To fully capture the environmental impact of our operations, and uncover potential new feasible options for decarbonisation, we will consider expanding our Scope 3 measurements in future reporting periods, in line with the NHS net zero supplier roadmap. Given the nature of our business, it is likely that our largest material impacts come from the carbon embodied in the products and materials we purchase (Purchased Goods and Services). As such, calculating the associated emissions would allow us to potentially work with clients on targeted material improvements in future.	All Scopes



Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

Name:

Position:

Date:

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghg-protocol.org/standards/scope-3-standard>