

Carbon Reduction Plan

Supplier Name: Alpha Construction Ltd

Publication Date: May 2026

Commitment to achieving Net Zero

Alpha Construction Ltd is committed to achieving Net Zero emissions by 2050 with interim reduction targets and continual improvement measures

Baseline Emission Footprint

Baseline Year: 2023

Additional Details relating to the Baseline Emissions calculations.

Scope 1 – Site plant, van fuel and business travel in company vehicles

Scope 2 – Electricity (Head office and electric vehicles)

Scope 3 – elements include:

- T&D loss associated with purchased power
- T&D loss associated with electric vehicles
- Water supply & treatment for head office
- Material use for aggregates, ready mixed concrete and steel reinforcement
- Waste disposal
- Business travel – Road, air, sea and rail
- Hotel stays
- Homeworking
- Employee Commuting

Freighting goods is not included due to the absence of information available from suppliers and subcontractors.

Emissions have been calculated using recognised conversion factors where practicable.

EMISSIONS	TOTAL (tCO ₂ e)	%
Scope 1	262.698	14.36%
Scope 2	10.264	0.56%
Scope 3	1,556.843	85.08%
Total Emissions	1,829.805	100%

Previous Emission Reporting Years

Reporting Year: 2024		
EMISSIONS	TOTAL (tCO ₂ e)	%
Scope 1	285.375	17.41
Scope 2	11.311	0.69
Scope 3	1342.505	81.90
Total Emissions	1639.191	100%

Current Emission Reporting

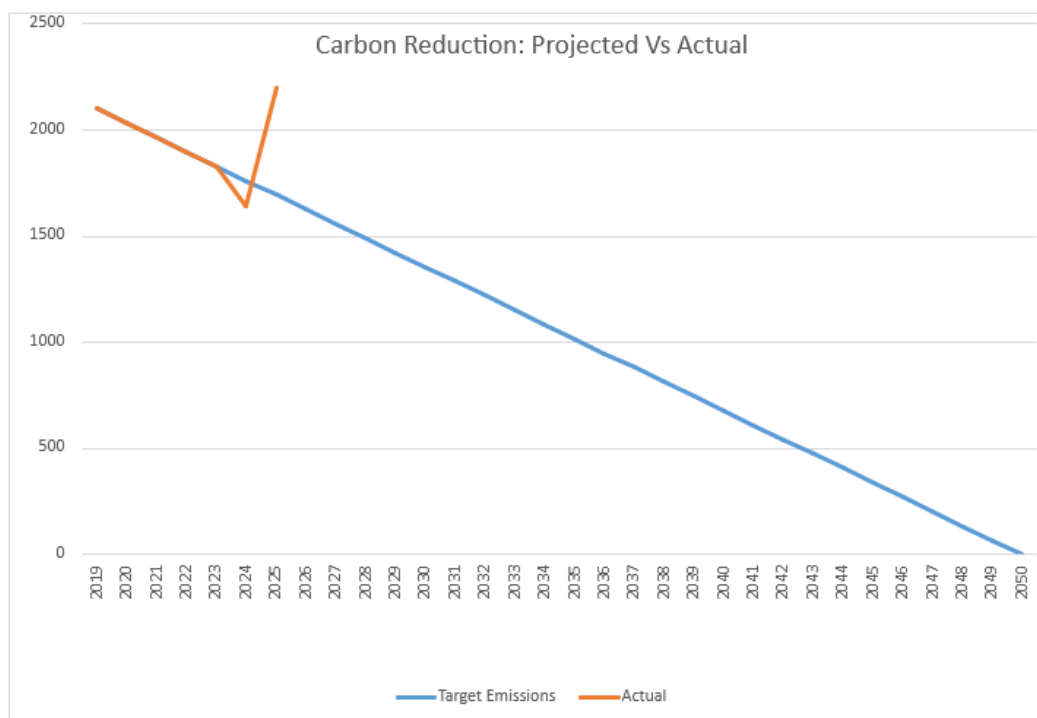
Reporting Year: 2025		
EMISSIONS	TOTAL (tCO ₂ e)	%
Scope 1	314.000	14.67
Scope 2	1.000	0.05
Scope 3	1826.000	85.28
Total Emissions	2141.000	100%

The increase in emissions in 2025 reflects the increased operational activity and business growth.

Emission Reduction Targets

In order to continue our progress to achieve Net Zero we have adopted the following carbon reduction targets.

We will reduce carbon intensity by 20% by 2031 and align to SBTi reduction framework
Progress against these targets is below:



	2023	2024	2025
tCO2e per £1M Turnover	147.817	161.338	151.500
tCO2e per employee	32.102	29.803	34.532

Carbon Reduction Projects

We are already accredited to ISO14001 and we have already;

- Installed solar PV at our head office
- Replaced lighting with LED's
- Employed an ESG Manager

In the future we hope to implement further measures, e.g.:

- Increased number of Electric Vehicles within our fleet
- Accreditation to ISO 14064-1 and ISO 50001
- Alignment to PAS 2080
- Timers and minimum/maximum temperature settings for AC units
- Engage a third-party Energy Consultant
- Identification and use of Low Carbon Products and Materials

Tony Bamford Managing Director		May 2026
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