

Carbon Reduction Plan

Supplier Name: Alpha Construction Ltd

Publication Date: 17th March 2025

Commitment to achieving Net Zero

Alpha Construction Ltd is committed to achieving Net Zero emissions by 2050.

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	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%

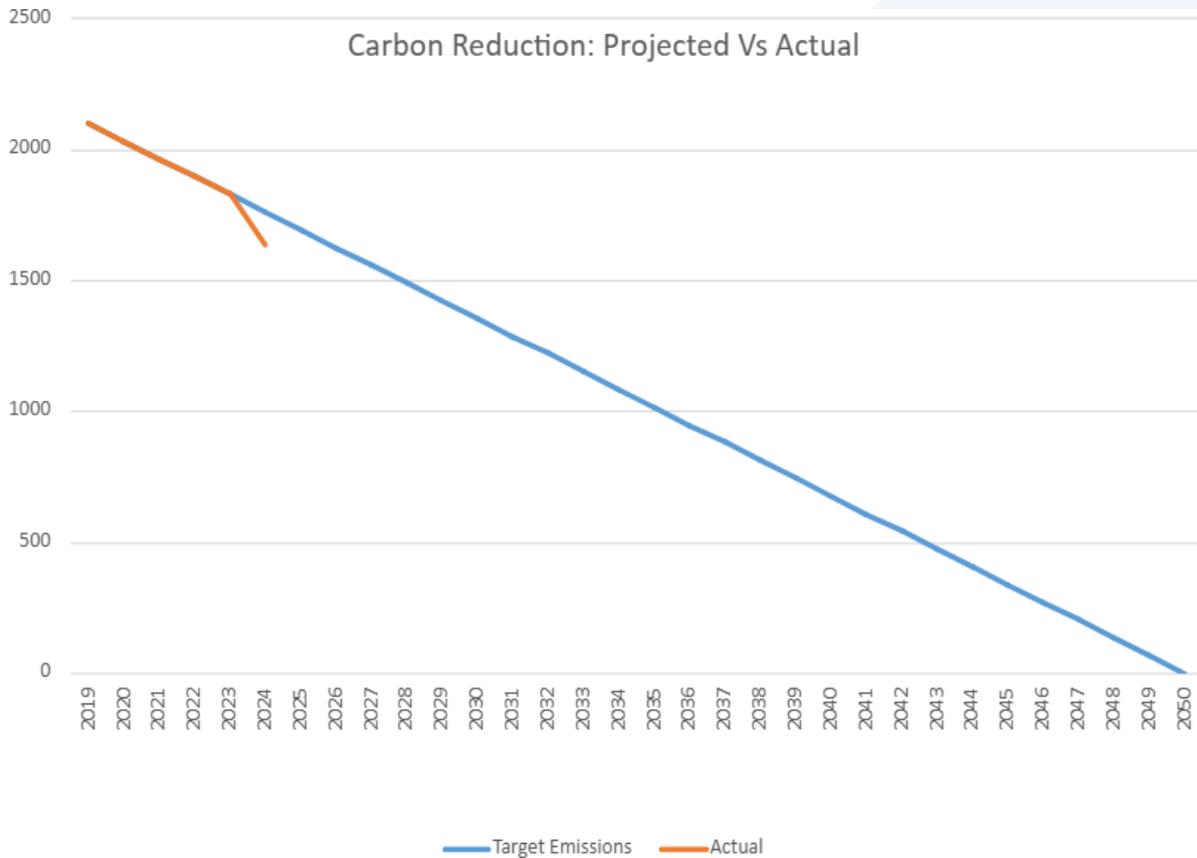
Current Emission Reporting

Reporting Year: 2024		
EMISSIONS	TOTAL (tCO ₂ e)	%
Scope 1	285.375	17.41%
Scope 2	11.311	0.69%
Scope 3	1,342.505	81.90%
Total Emissions	1,639.191	100%

Emission Reduction Targets

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

We project that carbon emission will decrease over the next five years to 1,355tCO₂e by 2030. A reduction of 20%. Progress against these targets is below:



Carbon Reduction Projects

We are already accredited to ISO14001. In the future we hope to implement further measures, e.g.:

- Increased number of Electric Vehicles within our fleet
- Accreditation to ISO 50001 and ISO 14068-1
- 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		March 2025
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