

CARBON REDUCTION PLAN

Bourne Group is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline Year: 2018	
Additional details relating to the Baseline Emissions calculations:	
<p>Bourne Group recognise their work within the steelwork industry has a direct impact on the environment and have publicly declared our recognition of the climate emergency and the Paris Agreement by committing to 'Steel Zero', a net zero target in raw steel production by 2050.</p> <p>Bourne Group operate an Environmental Management System certified to ISO 14001 and have achieved accreditation in BES 6001 Responsible Sourcing of Construction Products by monitoring the raw products we purchase to manufacture and construct from.</p>	
Baseline year emissions:	
Emissions	Total (tCO ₂ e)
Scope 1	128
Scope 2	311
Scope 3	721 (includes incoming steel transport + waste production + finished product transport + water). No business travel or employee commuting.
Total Emissions	1,160

Current Emissions Reporting

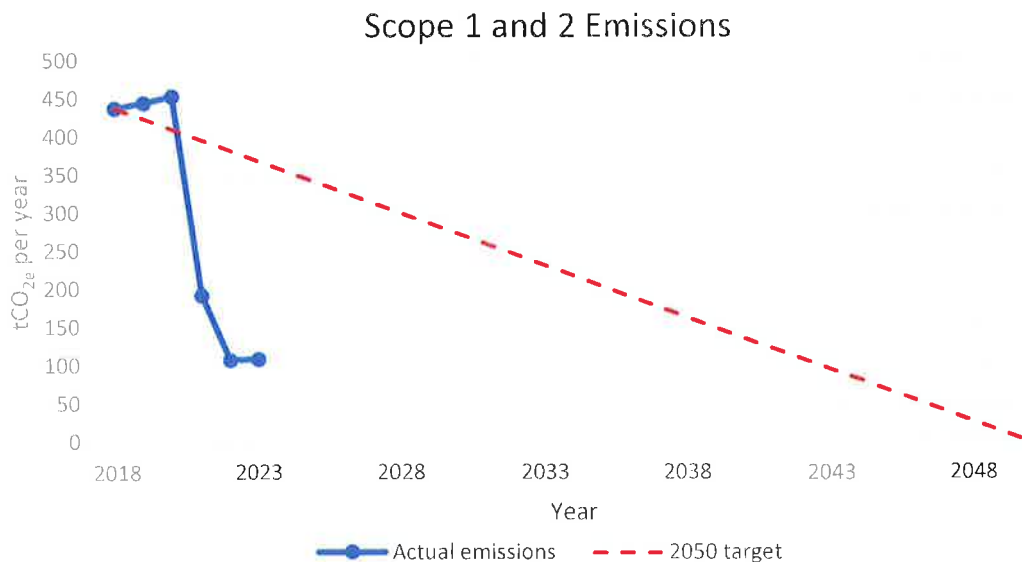
Reporting year: 2023	
Emissions	Total (tCO ₂ e)
Scope 1	105
Scope 2	4
Scope 3	513 (includes business travel + incoming steel transport + finished product transport + waste + water). No employee commuting.
Total Emissions	622

Emissions Reduction Targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

Bourne Group will decrease Scope 1 and 2 GHG emissions by at least 50% by 2025 against a 2018 baseline.

Progress against this target can be seen in the graph below:



Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since our 2018 baseline. The carbon emission reduction achieved by these schemes equate to 330tCO_{2e}, a 75% reduction against the 2018 baseline for Scope 1 and 2.

- 100% renewable energy generated gas and electricity for our offices and factory consumption.
- Off-site manufacture / Design for Manufacture Assembly (DFMA) and efficient use of delivery to site.
- Reduction in business travel through investment and use of virtual technologies.
- Use of hybrid plant and equipment on construction sites.
- Reduced use of paper by investment and use of electronic management information transfer and publishing.
- All waste leaving sites is processed to secure maximum recovery of recyclable elements.
- Replaced tungsten lighting within the factory to more efficient LED alternatives.
- Sourcing of high efficiency rated white goods.
- Steel Zero Guidance for early engagement in contracts.
- Integration and use of carbon reduction tools in all bids / tenders.

In the future Bourne Group will implement further measures including:

- Bourne Group's Pathway to Net Zero.
- Producing a carbon reduction opportunity matrix for all projects.
- Developing a roadmap using Science Based Targets to achieve Net Zero.

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 standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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) Standard.

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

Signed on behalf of Bourne Group:

Name:



Position:

Director

Date:

22 Jan 2024.