

J A Steel and Son Ltd

Carbon Reduction Plan

Date: 11/06/2025

Commitment to achieving Net Zero by 2040

1. Introduction

J A Steel and Son Ltd is committed to environmental sustainability and acknowledges the importance of taking proactive measures to reduce greenhouse gas emissions. Our Carbon Reduction Plan outlines a strategic approach to achieve net zero carbon emissions by 2040. This plan serves as a roadmap to embed sustainability throughout our operations, from energy use to supply chain engagement.

We recognise our responsibility to not only meet regulatory obligations but also to support the UK's broader efforts to combat climate change. Through careful measurement, targeted investment, and a culture of continuous improvement, we aim to lead by example within the construction and industrial services sectors.

2. Baseline Emissions Footprint

Our baseline year is 2022, selected due to the availability of complete and reliable data. This baseline serves as the reference point for measuring our progress. We have accounted for Scope 1 emissions (direct), Scope 2 (indirect from purchased electricity), and selected Scope 3 emissions (indirect, value chain-related).

Emissions Type	tCO ₂ e (2022)
Scope 1 (Direct emissions – fuel, heating)	35
Scope 2 (Electricity purchased)	22
Scope 3 (Business travel, waste, procurement)	90
Total	147

3. Current Emissions Reporting (2024)

As of 2024, we have seen an encouraging downward trend in emissions due to enhanced energy efficiency, implementation of new technologies, and employee engagement in sustainability practices. Continued monitoring and targeted interventions will help us sustain this momentum.

Emissions Type	tCO ₂ e (2024)
Scope 1	20
Scope 2	18
Scope 3	72
Total	110

4. Carbon Reduction Targets

Our emission reduction targets align with science-based recommendations and demonstrate our ambition to lead on climate action in our sector.

- By 2030: 60% reduction in absolute emissions compared to 2022 levels
- By 2040: 90% reduction with offsetting of any residual emissions

These targets will be pursued through a mix of operational efficiency, investment in renewables, smarter travel, and supplier engagement. The remaining 10% of emissions will be neutralised through accredited offset projects such as reforestation and habitat restoration.

5. Carbon Reduction Projects

To date, we have initiated or planned several projects to support our emissions reduction journey:

- Energy Efficiency:

Installation of LED lighting, improved building insulation, and deployment of smart heating controls across our sites have reduced energy intensity significantly.

- Renewable Energy:

We have switched to a renewable electricity tariff and are exploring the viability of installing solar panels at our headquarters in 2026.

- Sustainable Travel:

Use of video conferencing has significantly reduced the need for travel. We also encourage car-sharing and use of public transport by offering travel incentives.

- Waste Management and Circular Economy:

Office and site waste is now segregated and collected for recycling. All IT equipment is repurposed or disposed of in partnership with certified e-waste processors.

- Supply Chain Engagement:

We are reviewing supplier carbon credentials and prioritising local sourcing to cut emissions associated with transport and logistics. By 2026, we aim to assess emissions for at least 80% of our procurement spend.

6. Monitoring and Review

Emissions are measured annually and reported using Government-approved conversion factors. The Carbon Reduction Plan will be reviewed every 6 months to assess performance against targets and identify new opportunities. Progress is monitored by a dedicated sustainability lead, who reports findings to the board.

7. Declaration and Sign-Off

This Carbon Reduction Plan complies with the guidance of PPN 06/21 and has been prepared using the GHG Protocol and the UK Government's conversion factors for greenhouse gas reporting.

Signed:

Ian Steel

Managing Director

Date: 11/06/2025