

Carbon Reduction Plan

Supplier name: F&I Group (consisting of John Flowers Ltd, John Flowers (Flat & Industrial Roofing) Ltd, Ingleford Scaffolding Ltd, Flowing Construction Services Ltd)

Publication date: 02/12/2024

Commitment to achieving Net Zero

F&I Group is committed to achieving Net Zero carbon emissions across our UK operations by 2050. As a group delivering various construction disciplines including roofing, scaffolding and solar energy solutions, we recognise our responsibility to lead by example in reducing our environmental impact. We have already implemented key initiatives to reduce our carbon footprint, such as investing in solar PV, transitioning to electric plant, and adopting circular waste practices.

Baseline Emissions Footprint

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.

Baseline Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
This is F & I Group's first year of formal emissions reporting. Our baseline is derived from 2023 operational data, with Scope 2 calculated based on electricity usage and Scope 3 (waste) estimated using construction sector benchmarks. Scope 1 emissions are calculated based on diesel fuel spend using UK average commercial diesel prices.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	946.98
Scope 2	27.38
Scope 3 (waste)	48.60
Total Emissions	1,022.96

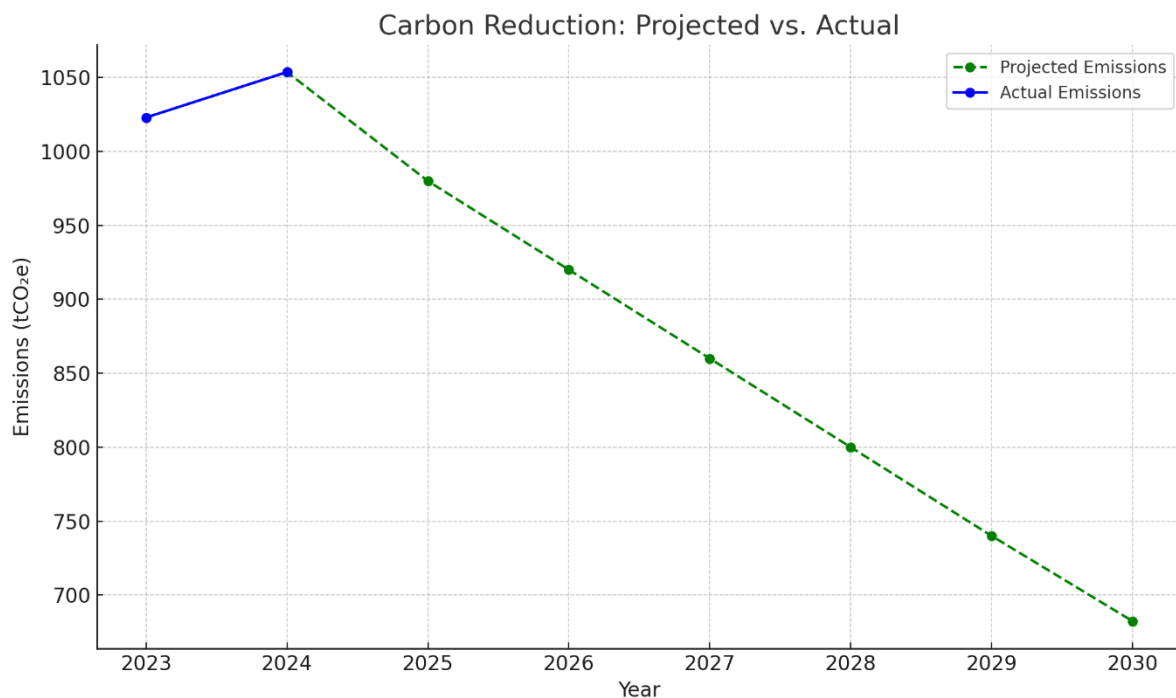
Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	978.99
Scope 2	26.11
Scope 3 (waste)	48.60
Total Emissions	1,053.70

Emissions reduction targets

We aim to reduce total emissions by at least **33% by 2030** from the 2023 baseline. This equates to a **reduction from 1,022.96 tCO₂e to approximately 682.37 tCO₂e**.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these schemes equates to approximately **22.8 tCO₂e**, a **2.23%** reduction against the **2023 baseline**, and the measures will be in effect when performing the contract.

Completed Since Baseline (2023)

- Installed 58 kWp solar PV system (Nov 2023), generating 49,356 kWh/year, offsetting 10.5 tCO₂e/year
- Replaced 3 diesel forklifts with 2 fully electric forklifts (April 2024)
- LED lighting and motion sensors
- EV charging points at head office
- Paper reduction and recycling, including double-sided printing
- Segregated waste skips and 75% landfill diversion rate
- Localised procurement and reuse of materials on site
- Staff car sharing and agile working practices

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

- Electrification of our van fleet, reducing diesel reliance across operational transport (2025–2028).
- Installation of solar-powered welfare units to reduce generator use on remote and temporary sites further reducing diesel reliance for on-site generators.
- Expansion of rooftop solar PV capacity, with a planned additional 30 kWp to be installed by 2026.
- Battery storage installation to maximise on-site solar energy use and reduce reliance on grid power by 2027.
- Rollout of environmental awareness training to all staff.
- Further integration of carbon performance into procurement and supplier selection.
- Progression toward ISO 14001 certification for environmental management.

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.

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

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

³<https://ghgprotocol.org/standards/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 the Supplier:



Date: 02/12/2024