



A. Commitment to Achieving Net Zero

Our vision is to transform the delivery of concrete frame projects across the UK by leading the transition to low carbon construction. We aim to be recognised as a trusted delivery partner that clients and stakeholders choose to work with, through the application of innovative building methods, technical excellence, and a commitment to sustainable, Net Zero aligned outcomes.

As an infrastructure contractor, MPB Structures are committed to delivering high quality, low carbon solutions for communities and leaving lasting legacies through our work. By using the latest building methods, applying technical excellence and sector innovations, our aspiration is to achieve **Net Zero emissions by 2045** with interim commitments to achieve Net Zero for scope 1 and 2 by 2035.

Our current carbon footprint accounts for carbon emissions applying the requirements summarised in the GHG Protocol Integration in Mandatory Climate Disclosure Rules (revised October 2024), IFRS (International Financial Reporting Standards Foundation) S2 mandating companies to separately account for and report on scopes 1 and 2 at a minimum. Based upon MPB’s organisational and delivery conditions, the operational boundary has been applied.

Our carbon footprint calculation aligns with the UK Government GHG Conversion Factors for Company Reporting and GHG Protocol Corporate Accounting and Reporting Standard with a series of near-term Scope 1 and 2 reduction targets, and Scope 3 enabling and emissions targets relating to data capture and refinement to ensure comprehensive future reporting.

As a progression to the company’s commitment to transparency, the Net Zero Carbon (NZC) reporting tool was adopted in 2025, such that our Greenhouse Gas (GHG) data across scopes 1, 2 and 3 can be third party verified to ISO 14064-1 with reasonable assurance during our 2026/27 Financial Year (FY). Whilst the data presented in this report is from 2025 and does not yet achieve this standard, future reporting will reflect verified data and a verification opinion statement will be published.

Current scope 3 emissions data capture and reporting align with the requirements of the Scope 3 standard (2011) in that companies may report any scope 3 emissions the company chooses; a phased data capture and reporting approach has been adopted as an enabler to comprehensive reporting across categories 1-15 and achieving scope 3 Net Zero by 2045.

Baseline Emissions Footprint

To present a consistent base year for PPN 006 compliance, we have reported FY22 as our base year for all scopes in this Carbon Reduction Plan only. In other public disclosures, our base year for scope 1 & 2 and scope 3 focused on FY20 based on available data at the time. Data capture refinement enabled improved accuracy and the publication of the data provided in table 1 below, which presents our emissions footprint in tCO₂e for FY 2022/23.

Measured against the following criteria, our baseline emissions assessment, provides a record of the greenhouse gases produced in the first year of measurement, this being produced prior to the introduction of the emissions strategies described within this Carbon Reduction Plan. This baseline provides a reference point against which our company emissions reduction is measured across the following areas:

- Scopes 1 & 2.
- The scope 3 categories included in table 1 includes:
 - ✓ Waste generated in operations (excluding muck away).
 - ✓ Purchased Goods/Services – water and wastewater related.

Further scope 3 categories including upstream transportation & distribution and employee commuting will be brought into reporting scope during 2026/27 along with embedded carbon presented in purchased goods and services with the potential for the baseline to be recalculated.

- Scope 3 exclusions based on absence of relevance or applicability to MPB operations include:
 - Cat 2 Capital Goods
 - Cat 3 Fuel- and energy-related activities (non-scope 1/2)
 - Cat 8 Upstream Leased Assets
 - Cat 9 Downstream Transportation and Distribution
 - Cat 10 Processing of Sold Products
 - Cat 11 Use of Sold Products
 - Cat 12 End-of-Life Treatment of Sold Products
 - Cat 13 Downstream Leased Assets
 - Cat 14 Franchises
 - Cat 15 Investments

Table 1. Baseline year: 2022-2023

Additional details relating to the baseline emissions calculations:

Direct emissions captured - owned vehicles, electricity, fugitive emissions and other energy sources e.g. operational HVO/diesel.

Purchased goods and services including waste, water and wastewater.

Baseline year emissions:	Total (tCO ₂ e)
Emissions	
Scope 1	3072.87
Scope 2	30.55
Scope 3 (included sources – under reported)	67.9
Total emissions	3171.3

Current Emissions

The following table 2 summarises the carbon reductions achieved across all three scopes following the introduction of the carbon mitigations summarised within this plan.

Table 2. Reporting year: 2024-2025

Emissions	TOTAL (tCO ₂ e)
Scope 1	2010.13
Scope 2	0.00
Scope 3 (included sources)	177.1
Total emissions	2187.22

Emissions Reduction Targets

To continue our progress towards achieving Net Zero, we have adopted a range of carbon reduction targets, these apply to all activities within our operational boundary as shown in table 3.

Table 3. Net Zero Targets						
2030				2035		2045
Scope	Objective	Target	Achieved to 2026	Objective	Target	
S1	Reduction	20%	34.5%	Net Zero		Net Zero
S2	Reduction	20%	100%			
S1&2	Combined Reduction	20%	31%			
S3	Cat 1 data capture	100%	50%	Cat 1 reduction	50%	
S3	Cat 1 embodied carbon data capture	100%	0%	Cat 1 reduction	50%	
S3	Cat 4 data capture	100%	0%	Cat 1 reduction	50%	
S3	Cat 5 data capture	100%	50%	Cat 1 reduction	50%	
S3	Cat 6 data capture	100%	0%	Cat 1 reduction	50%	
S3	Cat 7 data capture	100%	0%	Cat 1 reduction	50%	

B. Carbon Reduction Projects

Completed carbon reduction initiatives

Simultaneous to the introduction of improved data capture, the following carbon management measures and projects have been implemented, partially completed, or completed or since the original baseline calculation. The carbon emission reduction achieved by these schemes equate to 984 tCO₂e, a 31% reduction against the 2022 baseline. The projects contributing this reduction are summarised in table 4.

Graph 1 – tCO₂ Reduction

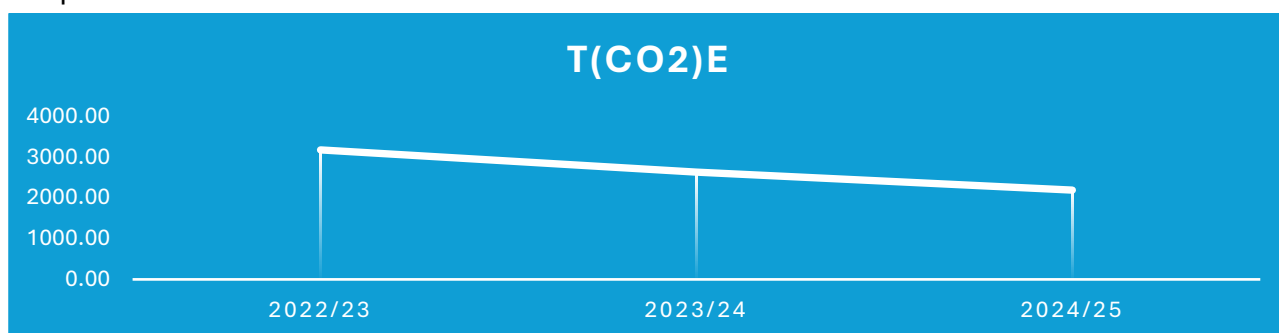


Table 4. Carbon Reduction Projects Summary Pre-2026

Aspect (UQ – Unquantified)	Reduction Impact – Carbon Savings
Introduction energy saving initiatives across all premises.	UQ
Switch to green energy provider supplying electricity to the Corby head office and plant yard buildings and operations.	100% (tCO ₂ e) S2
Complete switch from the use of gas oil (red diesel) to Ultra-Low Sulphur Diesel (ULSD).	UQ
Partial migration to HVO fuel from ULSD diesel.	40%
Water reuse infrastructure purchase to mitigate natural resource usage.	UQ

Table 4. Carbon Reduction Projects Summary Pre-2026

Aspect (UQ – Unquantified)	Reduction Impact – Carbon Savings
EV and Hybrid vehicle transition.	
6.1 Total car fleet transition achieved.	54%
6.1.1 Of which full electric transition.	66.86%
6.2 Total van fleet transition achieved.	100%
Water reduction awareness campaign, data capture mechanism.	UQ
Photovoltaic energy supply to offices.	100% (tCO2e) S2

Future carbon reduction initiatives

To ensure we maintain suitable progress towards our Net Zero targets, we have determined a series of shorter-term (within the 5-year plan) implementation objectives as summarised in table 5. Projected carbon savings will be ascertained following fulfilment of the data capture enabling targets associated with each activity.

Table 5. Future Carbon Reduction Projects Summary

Aspect
Transition to full HVO fuel supply and use by 2035
Introduction of a grey water capture system
SBTi implementation and validation process
Transition to Electric Arc Furnaces (EAFs) steel production 2035
Transition to reduced carbon concrete solutions by 2035
Transition to aluminium and plastic formwork with the added benefits associated with workforce occupational health

C. Stakeholder engagement

MPB Structures Limited recognises that effective stakeholder engagement is critical to achieving our carbon reduction commitments, particularly in relation to Scope 3 emissions, which represent a significant proportion of our overall carbon footprint.

We actively engage with our supply chain to improve carbon data quality and drive emissions reductions, and we aiming to achieve 100% supplier engagement across key Scope 3 categories by 2035.

This includes the implementation of structured supplier engagement processes, such as environmental data collection, prequalification requirements, and the increased adoption of Environmental Product Declarations (EPDs). These provide transparent, independently verified data on the embodied carbon of materials and enable informed low-carbon procurement decisions.

To support delivery against our carbon reduction targets, we are embedding carbon considerations into our procurement and project delivery processes. This includes working collaboratively with suppliers to identify lower carbon materials, construction methodologies, and opportunities for innovation aligned with our Net Zero pathway.

Internally, we engage employees through training, awareness initiatives, and operational procedures to promote carbon-conscious behaviours and support the implementation of carbon reduction measures across all projects.

We also work closely with clients and project stakeholders to support the adoption of low carbon design solutions and construction practices, ensuring alignment with project-specific and wider Net Zero objectives.

Through these actions, MPB Structures Limited is strengthening stakeholder collaboration to support measurable carbon reductions, improved Scope 3 data completeness, and the successful delivery of our Carbon Reduction Plan in line with PPN 06/21 requirements.



D. Commitments and Memberships

In support of our carbon reduction objectives and wider Net Zero strategy, MPB Structures Limited maintains a number of key certifications and industry commitments that underpin our approach to environmental management and continuous improvement.

We have been certified to **ISO 14001:2015 Environmental Management Systems** for over 10 years. This provides a structured framework for identifying, managing, and reducing environmental impacts across our operations, and ensures that carbon reduction is embedded within our governance, processes, and decision-making.

Since 2020, we have been members of the **Supply Chain Sustainability School**, an industry-led initiative that supports the development of sustainability knowledge and skills. Through this membership, we are enhancing our internal capability and engaging with our supply chain to improve environmental performance, including carbon management and Scope 3 data reporting.

As part of our commitment to supporting the transition to a low carbon economy, MPB Structures Limited is committed to aligning with the UN-backed **Race to Zero** campaign. This reflects our commitment to taking robust and measurable action to reduce emissions in line with global climate objectives, including halving emissions by 2030 and achieving Net Zero by 2045.

Together, these commitments support the effective delivery of our Carbon Reduction Plan by strengthening governance, building capability, and enabling collaboration across our organisation and supply chain.

E. Declaration and Sign-off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 company reporting requirements (where required), and the required subset of Scope 3 emissions will be reported in accordance with the published reporting standard for Carbon Reduction Plans.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of MPB Structures Ltd:



Martin Cragg
Safety & sustainability Director
MPB Structures Limited
1st June 2026

