



CARBON REDUCTION PLAN

*Commitment to achieving net
zero by 2050*

MPH
CONSTRUCTION

Prepared January 2026

Carbon Reduction Plan

INTRODUCTION

MPH Construction operates across the North of England, North Midlands and Wales. We recognise our activities generate greenhouse gas emissions from energy use, waste, travel and the construction services we deliver and are therefore contributing to the Climate Emergency we all now face.

It is now beyond question climate change is the single biggest threat to our planet and that human activity is the main contributing factor. It is therefore incumbent on us all to play our part in tackling this head on.

Our aim is to proactively reduce our carbon footprint from our own operations, and our supply-chains to achieving Net Zero emissions by 2050, if not before, as set by the UK Government in the Climate Change Act.

We have already instigated a proactive programme of measures to reduce our energy consumption and carbon emissions. In relation to our head office, we have upgraded the insulation and office lighting to LED within the building and are installing air conditioning units in order to remove the electric storage heating. In 2023 we proposed to install PV arrays to our head office building and change our company car policy to incorporate Hybrid and Electric vehicles.

In 2021 we began to formally coordinate our carbon reduction activities, delivering a more focussed and joined up approach through the development of our initial 'Carbon Management Plan'. Whilst we have taken many positive steps, the gains realised, cannot be achieved again, however we need to build them into "business as usual", and continue to do more.

Our Plan builds on our BS EN ISO 14001 UKAS accredited Environmental Management System to define robust management processes and procedures and with an overarching strategy for minimising our own environmental impacts, working with our supply chain to help clients decarbonise their Estate, and delivering buildings designed to be zero carbon in operation with reduced embodied carbon.

MPH is committed to achieving net zero emissions by 2050 at the latest. Since establishing our Carbon Reduction Plan in 2021, MPH Construction has made measurable progress in reducing emissions from our operations. This 2025 update reflects our latest performance, ongoing initiatives, and strengthened commitment to further reductions.

BASELINE & CURRENT EMISSIONS

Baseline emissions are a record of the greenhouse gases that we have produced in the past and were produced prior to the introduction of strategies to reduce emissions. Our Baseline year is 2021 and the emissions in this year are the reference point against which our emissions reduction are measured.

The baseline calculations, and all others within this plan are reported on an "operational control" basis and have followed the methodology set out in the Environmental Reporting Guidelines published by the UK Government.

Baseline Year: 2021

This is our initial 'Carbon Reduction Plan' which was formalised in September 2021. In establishing the baseline data recorded below. We initially focused on the core activities where greenhouse gas emissions could more easily be measured, monitored, recorded and realistic reduction targets set.

We have calculated our 2020/2021 Scope 1 and 2 GHG emissions and taken this as the baseline for setting emission reduction targets. We currently measure and report GHG emissions associated with our Scope 1 and 2 GHG emission sources:

- **Scope 1** – fuel use for company vehicles and used on site.
- **Scope 2** – electricity used at our offices and on site.

We took the decision at the time of establishing our baseline to exclude certain Scope 3 emissions from our initial Plan due to the difficulty in recording the data to any acceptable level of accuracy and our limited ability to directly influence a reduction in emissions. We do however recognise our ability to exert positive influence over the energy performance and GHG emissions associated with our Scope 3 GHG emission sources such as:

- Employee commuting;
- Employee business travel
- Embodied carbon of the materials specified and used in our projects;
- Transport of materials to our project sites;
- Management of waste arising from our sites; and
- Operation of the buildings we construct and refurbish for our clients.

These are not currently included within our scope of GHG emissions reporting, due to our limited management control and the difficulties associated with data collection for reporting. We are however, currently considering our ability to influence and improve management of these.

As our processes for capturing and recording the necessary data mature along with our ability to positively influence Scope

3 emissions, we have extended the scope of initiatives designed to reduce our Scope 3 emissions including:

- Continuing to focus on Local sourcing of our supply chain to minimise emissions from transportation of personnel and materials.
- Designing and constructing buildings with reduced operational energy requirements and embodied carbon seeking to improve on the RIBA 2030 Climate Challenge targets.

Our Carbon Reduction Plan is 'work in progress'. We plan to develop further emission reduction targets as the data to inform our decision making becomes available and to explore the potential of extending our scope of reporting to include additional Scope 3 sources.

Year	Scope 1	Scope 2	Scope 3	Total Emissions	Change from Baseline
2021 (Baseline)	159.20	11.45	21.28	191.93	-
2025 (Latest)	138.79	10.6	20.4	169.79	12.24%
2026 (Forecast)	133.24	10.18	19.58	163	15.08%

Scope 3 emissions currently include a limited subset of categories where data is available. MPH Construction continues to review opportunities to expand Scope 3 reporting as data quality improves.

Forecast figures for 2025 and 2026 are based on current reduction trends, planned carbon reduction initiatives, and an anticipated annual reduction rate of approximately 3.5%–5%.

EMISSIONS REDUCTION TARGETS

MPH Construction is targeting an average annual carbon reduction of 3.5%–5% against the 2021 baseline, reflecting our ambition to accelerate reductions where feasible.

We project that carbon emissions will decrease from 192 tCO₂e (2021 baseline) to approximately 158 tCO₂e by 2026, subject to ongoing improvements in energy efficiency, fleet transition, and supply chain engagement

CARBON REDUCTION PROJECTS

Completed Carbon Reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline:

- Upgraded the insulation to roof and walls at head office.
- Upgraded all head office lighting to LED.
- Installed air conditioning units in order to remove the existing electric storage heating to our head office.
- Procurement of 100% renewable electricity contracts for all our owned supplies.
- Introduction of Hybrid and Electric vehicles to company fleet. We have worked with Octopus Energy to support employees to switch to electric vehicles.
- Built awareness amongst our workforce of the impact of their decisions on our journey to net zero.
- Reduce business travel by rail, and road through effective measurement and a sustainable travel policy.
- Worked with suppliers to encourage them to set their own carbon reductions targets.

Ongoing and Planned Carbon Reduction Initiatives (2025)

The following environmental management measures and projects have been completed or implemented since the 2021 baseline:

- Completion of review and feasibility of solar PV installation at head office
- Continued transition to hybrid and electric vehicles within company fleet
- Development of a Sustainable Travel Policy to reduce business mileage
- Increased monitoring of fuel and electricity usage across projects
- Continued engagement with key suppliers to encourage carbon reduction practices
- Continued promotion of employee awareness and behavioural change initiatives
- Continued engagement with local community groups and organisations to recycle and reuse surplus materials, contributing to the circular economy.

During 2025, MPH Construction will continue to review opportunities to improve the measurement and reporting of Scope

3 emissions, particularly in relation to business travel, waste management, and purchased materials, where data quality allows.

The company has experienced substantial growth since the baseline year, resulting in increased operational demand and associated emissions. While the organisation has continued to make progress in reducing its carbon emissions. Increased operational activity, workforce expansion, and higher service delivery volumes have contributed to higher energy consumption and travel requirements.

Despite this growth, the company remains committed to reducing its carbon footprint and continues to implement initiatives aimed at improving carbon efficiency and reducing emissions intensity.

GOVERNANCE & MONITORING

Carbon reduction performance is monitored through our ISO 14001 Environmental Management System and reviewed annually. Responsibility for implementation sits with senior management, supported by regular internal reviews to ensure progress against targets.

DECLARATION & 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:

A handwritten signature in blue ink, consisting of a horizontal line followed by a stylized, overlapping loop structure.

Signed on behalf of MPH Construction:

Signed: Andy Roberts, Director

Date: 31st January 2026