



M&J GROUP
CONSTRUCTION & ROOFING

Carbon Reduction Plan



2nd September 2024.

CARBON REDUCTION PLAN

Prepared By:

M&J Group Limited
Hammond Road
Elm Farm Industrial Estate
Bedford
MK41 0UD

Tel: 0844 8003912

Email: DeanThomasHay@mjconstructiongroup.co.uk

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Carbon Reduction Plan Policy Statement

Recognising that Climate Change poses a direct threat to the future of the planet, **M&J Construction Group Limited** is committed to reducing our carbon emissions to Net Zero before the UK government's target of 2050.

Our statement of general policy is:

- To provide control of carbon emissions arising from our work activities.
- To consult with our employees on matters affecting carbon emissions.
- To maintain and purchase energy efficient plant and equipment.
- To monitor, measure, track and reduce carbon emissions in line with our 2035 target of Net Zero Carbon.
- To provide information, instruction and supervision for employees and our supply chain.
- To influence our clients and suppliers in carbon reduction measures.
- To ensure all employees are given training on reducing carbon.
- To offset any Carbon that we cannot eliminate.
- To review and revise this policy as necessary at regular intervals.

Signed



Dean Thomas-Hay
SHEQ & Training Director

Date: 2nd September 2024

Review Date: 2nd September 2025

Commitment to achieving Net Zero

M&J Construction Group Ltd is committed to achieving Net Zero emissions by 2035.

Baseline Emissions Footprint

Baseline Year: June 2022 – June 2023	
M&J Construction Group Ltd has used a combination of actual figures and estimates to establish our baseline emissions calculations. This is based on input by our company, including energy usage, business travel and fleet, F-gas from air conditioning units, staff commuting, waste and purchased goods and services. Our baseline year is 2022-2023 so we are unable to provide historical data to report. We are, however, able to report reductions due to the installation of photovoltaic panels on our headquarters building in November 2022.	
Baseline year emissions: August 2022 to August 2023	
Emissions	Total (tCO ₂ e)
Scope 1	262.42
Scope 2	46.4
Scope 3	7628.17
Total emissions	7937.17

Emissions reduction targets

M&J have set a target of reducing our carbon emissions by 10% or more year on year to achieve Net Zero emissions by 2035.

Having installed photovoltaic panels on our HQ roof, we anticipate our Scope 2 emissions being zero for the forthcoming year and this will also help to reduce some of our Scope 1 and 2 emissions.

We have put in place various initiatives to eliminate or reduce our emissions, particularly in relation to Scopes 1 and 3 – better fleet management and transitioning to electric or hybrid vans, evaluating our supply chain emissions and reducing waste from our own operations.

Any carbon that we can't eliminate or reduce we will offset. This is under consideration for the next reporting year.

Carbon Reduction Projects

M&J Construction Group Ltd has held ISO 14001: 2015 certification for several years, which has driven multiple, phased carbon reduction projects prior to us capturing our baseline carbon emissions.

Projects have included:

- Carrying out staff behavioural change programmes
- Installing LED lighting and PIR sensors in HQ
- Installing EV charging points for staff vehicles
- Upgrading insulation to prevent heat escape
- Holding meetings via Teams/Zoom when there is no requirement to be on-site
- Encouraging use of public transport, cycling and walking to work or to get to site.

M&J Construction Group has also installed photovoltaic panels on the roof of our headquarters in November 2022 since developing our Carbon Reduction Plan.

Proposed Future Carbon Reduction Projects

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

Scope 1

- Installing further EV charging points at our HQ.
- Holding meetings via Teams/Zoom when there is no requirement to be on-site.
- Transitioning our vehicles to electric and hybrid.
- Using public transport where feasible to travel to site.
- Journey planning to ensure miles travelled are efficient and minimised
- Van sharing to maximise numbers in one vehicle.
- Paying staff expenses to stay overnight to avoid multiple journeys from home, where appropriate.

Scope 2

- Operating switch off schemes throughout our building and using PIR sensors to automatically switch off lighting when areas are unoccupied.
- Switching to a REGO certified green energy supplier.
- Having maintenance programmes in place for all equipment, fixtures and fittings to ensure energy efficient performance.
- Sourcing the most energy efficient equipment on replacement.
- Installing Air Source Heat Pumps.

Scope 3

- Waste reduction programmes to reduce general waste and recycling waste from our own operations.
- Reusing materials wherever possible – on several school buildings and London Hospitals we have re-used tiles on listed buildings and reinstated equipment when refurbishments were taking place.
- Specifying the correct quantity of materials for works so that wastage is kept to a minimum
- Asking contractors to hold stocks of commonly used materials/components so they can be used over several jobs rather than being discarded.
- Ensuring that materials are delivered to site in minimal/no packaging and that deliveries are kept to a minimum.
- Creating an area on-site for delivery and storage of materials so that wastage through damage is minimised.
- Working with contractors to donate useful materials (that can't be used on other jobs) to local charities and community projects or to individuals (for example allotment holders).
- Operating an Approved Suppliers' List, which requires applicants to demonstrate their commitment to carbon and waste reduction and sustainability improvements prior to them being included.
- Suggesting carbon reduction measures on works.
- Offering staff hybrid working to reduce miles travelled to the office.
- Encouraging staff to walk, cycle, lift share or use public transport to get to work.
- Using local suppliers to minimise carbon associated with mileage
- Working with our supply chain to share best practice and innovation in carbon reduction and to encourage them to take action.
- Investing in local community renewables projects.

Carbon Offsetting

M&J Construction Group sees carbon offsetting as the final option to be taken when all other carbon reduction measures have been explored. We installed photovoltaic panels on the roof of our building in November 2022, which has generated over 5. MWH of electricity annually. We are currently looking at working with Ecologi to support renewable energy projects worldwide, tree planting in the UK and worldwide, biochar, nature-based and community-based projects.

Data Improvement

While M&J Construction Group's Scope 1 and 2 data is accurate and based on actual data, we are aware that we have work to do to improve our data gathering and accuracy for our Scope 3 emissions. This will be a work in progress for several years as all businesses start to experience supply chain pressure to measure and monitor their emissions. We are in the process of working with our suppliers.

Emissions: August 2023 to August 2024 inclusive.

M&J Construction Group Ltd has used a combination of actual figures and estimates to establish our baseline emissions calculations. This is based on input by our company, including energy usage, business travel and fleet, F-gas from air conditioning units, staff commuting, waste and purchased goods and services.

Emissions	Total (tCO ₂ e)
Scope 1	205.35
Scope 2	24.12
Scope 3	7585.09
Total emissions	7812.56

The figures above show a reduction of >10% reduction in both Scope 1 & 2 Emissions from last year (our Baseline Year) which is ahead of our annual target of 10% reduction year on year.

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 reporting¹.

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) Standard¹.

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



Dean Thomas-Hay

SHEQ & Training Director

Date: 6th September 2024.

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>