



Carbon Reduction plan

Introduction

D&G Builders and Joiners Ltd is a construction company operating across the Northwest of England, specialising in both refurbishment and new build projects, primarily within the government sector.

Commitment to achieving Net Zero

At D&G Builders and Joiners, we are fully committed to achieving Net Zero carbon emissions by 2040 in line with the UK Governments **target**. Sustainability is at the core of our operations, and we strive to deliver every project with minimal environmental impact.

We work collaboratively with clients, design teams, and our supply chain partners to embed best environmental practices across all our sites. Our Environmental Management System is accredited to ISO 14001, and we implement site specific targets and procedures to reduce carbon emissions, minimise waste, and optimise energy and water efficiency.

With a strong track record in delivering low-carbon developments, we actively identify and pursue opportunities to reduce emissions during the construction phase. Working closely with designers and consultants, we aim to retain, reuse, and recycle existing materials, enhance building insulation, and integrate energy-efficient systems and green technologies.

Our approach is aligned with national sustainability objectives and supports the UK Government's Climate Change Act 2008, the Carbon Plan, and the Construction 2025 Strategy. Through continuous improvement and innovation, we are committed to building a more sustainable future.

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.

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Baseline Year: 2023

Additional Details relating to the Baseline Emissions calculations:

The Carbon Emissions detailed our Carbon Reduction Plan has been calculated in accordance with the Greenhouse Gas (GHG) Protocol Corporate Accounting and Reporting Standard.

Please note, Category 9 - Downstream transportation and distribution remains as 0, as we do not manufacture and distribute products.

D&G Builders and Joiners use Notch to record all water, power and fuel usage on site and in our offices, all miles travelled, and vehicle types used by staff to gain an accurate picture of our CO2 output.

The data provided for Waste generated in operations has been collated from our Waste Providers, which includes all sites and regional offices.

Baseline year emissions:	
EMISSIONS	TOTAL (tCO2e)
Scope 1	89.97
Scope 2	9.19
Scope 3 (Included Sources)	0.8
Total Emissions	90 tonnes

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Current Emissions Reporting

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO2e)
Scope 1	89.9
Scope 2	9.61
Scope 3 (Included Sources)	0.49
Total Emissions	113

Emissions Reduction Targets

D&G Builders and Joiners Ltd are committed to reducing the emissions created by energy consumption and travel by a minimum of 5% annually.

Within our 2023 plan we projected that carbon emissions will decrease over the next five years to provide a total reduction in emissions of 10%

We noted that the above figures are subject to fluctuations in the construction industry due to turnover, location of the works and the type of work undertaken during that year. We have also sustained significant growth as a business making the emissions increase slightly since 2023

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Therefore, noting that initial carbon reduction measures will have generated a large abnormal impact, it remains our intention to maintain our 10% annual carbon reduction, further reducing our emissions.

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Carbon Reduction Projects

Completed Carbon Reduction Initiatives highlighted in Green

D&G Builders and Joiners – Pathway to Net Zero by 2040

As part of our commitment to environmental responsibility and achieving Net Zero carbon emissions by 2050, D&G Builders and Joiners have implemented a comprehensive suite of initiatives, including:

- ISO 14001 Accreditation
- Our Environmental Management System is fully accredited to ISO 14001, ensuring a structured and effective approach to managing environmental impact.
- Sustainable Procurement Policy
- We prioritise sourcing from local suppliers and selecting materials that offer
- Higher recycled content
- Minimal packaging
- Environmentally Conscious Construction Methods
- We carefully select construction techniques, equipment, and plant to reduce environmental impact. Measures include:
 - Clean engines and alternative power sources
 - The introduction of electric vehicles
 - Properly maintained plant
- We promote sustainable transport options such as public transport, car sharing, and cycling to reduce travel-related emissions.
- Remote Working and Virtual Meetings Wherever possible, we encourage virtual meetings to minimise unnecessary travel.
- Support for Supply Chain Sustainability
- We actively assist our supply chain partners by sharing best practices, providing training, and offering ongoing guidance to help them meet their own environmental objectives.
- On-site Environmental Awareness
- Our sites feature informative posters displaying:
 - Energy usage data
 - Recycling promotion
 - The environmental impact of single-use plastics

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- We try and plan our workforce and supply chain deployment to maximise the use of local teams and minimise travel.
- Carbon Reduction Training
- 10% of company vehicles are electric

All site personnel and supply chain members receive carbon reduction training through our induction processes and regular toolbox talks.

Future Carbon Reduction Initiatives

Our future plans for reducing our Carbon Emissions include:

- All new company cars purchased to be hybrid/ electric vehicles, transition of all commercial vehicles by 2040.
- Continue to support and educate our supply chain in reducing carbon emissions.
- Targeting a minimum of a 75% local supply chain (within 25 miles), currently 70%.
- From 2023 onwards look to renewable energy sources for office gas/ electric supply.
- Eliminating the use of generators through connection to the mains grid for projects where power is not available from adjacent buildings.
- Installing better boilers and solar panels in our offices by 2040.
- Ensuring all IT equipment purchased is energy star rated.
- Transition to energy efficient plant by 2040.
- Commitment to paperless office by 2025 and paperless site operations by 2040.
- Commitment to planting trees in conjunction with the Forestry commission to offset our carbon emissions.

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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 standard and uses the appropriate Government emission conversion factors for greenhouse gas.

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.

Managing Director: Mrs Emma Turner

Signature:

Date: 14/05/2025

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