Carbon Reduction Plan

Creative Design & Construction Limited
Publication Date: 21 August 2026
Baseline Year: 2026
Reporting Year: 2027
Employee Count: 50 Employees

1. Reaching the Net Zero target

Creative Design & Construction Limited ("CDC") aims to cut emissions by 50% by the end of 2036 across offices and project sites, and to reach Net Zero emissions by 2050 at the latest. Our voluntary commitment aligns with the 1.5°C global warming threshold and includes achieving Net Zero within our operations (Scope 1, Scope 2, and part of Scope 3) by 2050. Additionally, we aim to attain Net Zero across our supply chain (Scope 3) by that year.

We aim to create a clear transition plan with ambitious targets and milestones to reach net zero by 2050. Through our Responsible Construction Strategy, ISO 14001 certification, and initiatives like achieving Net Zero by 2050, we acknowledge the benefits for both the community and our business.

Sharing our Net Zero carbon goals with employees and the supply chain promotes a common understanding of each person's role in reaching our Net Zero ambitions in construction. Our Net Zero policy supports our ongoing efforts to improve our environmental impact by setting, acting on, and reviewing our goals and objectives.

We are committed to safeguarding the environment and minimising the effects of our operations. Through business transformation, collaboration with clients, and encouraging shared responsibility, we improve sustainability.

2. Baseline Emissions Footprint

Baseline emissions record the greenhouse gases emitted before any strategies to reduce emissions are introduced. They serve as an important reference point for measuring our progress. Our Carbon Baseline will include emissions from the seven GHGs named in the Kyoto Protocol. We aim to set the Baseline Emission Footprint for December 2026 to help us track our journey towards a healthier planet.

3. Methodology

We will calculate the carbon emissions and kWh figures using the UK Government's 2025 Conversion Factors for Company Reporting to establish our Baseline Emission Footprint. These factors can be found here: *https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2025*

4. Establishing a Carbon Baseline (Baseline Year: FY2026 (01 Jan- 31 Dec).

A carbon baseline quantifies your company's greenhouse gas (GHG) emissions over a 12-month period. It serves as the reference point for measuring future carbon-reduction efficiency and for demonstrating progress to clients.

4.1 Step-by-Step Implementation Framework

i. **Define Boundaries:** Establish CDC's boundaries (operational control vs equity share) and operational boundaries (Scopes 1, 2, and 3).

ii. **Identify Emissions Sources:** Detail fuel use (diesel), company vehicles, electricity use, purchased materials, and subcontractor activity.

iii. **Gather activity data by c**ollecting utility bills, fuel receipts, material delivery notes (including tonnes of steel and cubic meters of concrete), and waste transfer records.

iv. **Apply UK Conversion Factors:** Use the official UK Government GHG Conversion Factors for Company Reporting to convert raw metrics to tonnes of CO2 equivalent (tCO2e).

v. **Verify and Report:** Conduct internal QA checks or obtain third-party verification, where possible, before publishing the report.

Example of Emission Scope

Emission Scope	Construction Examples	Typical Data Sources
Scope 1 (Direct)	Site plant diesel, gas oil, company-owned fleet vans.	Fuel cards, bulk fuel delivery invoices.
Scope 2 (Indirect)	Purchased grid electricity powering site cabins and head offices.	Utility bills (kWh consumption), smart meter logs.
Scope 3 (Value Chain)	Embodied carbon in concrete/steel, subcontractor transit, waste disposal.	Environmental Product Declarations (EPDs), supplier logs.

Below are some examples of what and how to record emissions on different scopes. For more details, please refer to the Carbon Footprint record Template.

Scope 1: Direct Emissions

Office Natural Gas:[Insert kWh]
Company-Owned Vehicles: [Insert litres of diesel/petrol used by site vans/cars]

Total Scope 1: [Insert tCO2e]

Scope 2: Indirect Emissions

Purchased Electricity: [Insert kWh used by office and temporary site power]

Total Scope 2 (Location-Based): Insert tCO2e]

Scope 3: Upstream & Downstream Value Chain

Category 4: Upstream Transportation & Distribution: Logistics and shipping of construction materials to project sites.

Category 5: Waste Generated in Operations: Tonnage of construction and demolition waste sent to landfill or recycling.

Category 6: Business Travel: Employee travel for meetings and site visits via commercial flights, trains, or personal vehicles.

Category 7: Employee Commuting: Daily travel of the 50 office and site-based staff.

Category 9: Downstream Transportation & Distribution: Delivery and transport of completed fit-out components or waste clearance.

Total Scope 3: [Insert tCO2e]

Summary Table of Reported Carbon emission

Carbon Footprin/Emission scope	Baseline year (2026)	1st Report Year (2027)
Scope 1	TBC	
Scope 2	TBC	
Scope 3 (included sources)	TBC	
Total emission	TBC	

5. Goals set for lowering emissions.

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

- ⇒ 2036 – We are committed to halving emissions by 2036
- ⇒ 2050 – Net Zero within our own operations (Scope 1 & 2)
- ⇒ 2050 – Net Zero across the Value Chain (Scope 3)
- ⇒ **We plan to reduce carbon emissions by 5% over the next 10 years.**
- ⇒ **Transition 50% of sub-60-mile logistics to electric vehicles by 2030.**
- ⇒ **Achieve an 85% diversion rate for construction waste on all D&B sites.**

6. Carbon Reduction Projects & Initiatives

Step 1: Office & Corporate Actions

The following proposals are under discussion.

Green Tariffs: Switch the central office to a 100% certified renewable electricity contract.

Commuting Incentives: Introduce a Cycle-to-Work and public transport scheme for 50% of staff members.

Step 2: Site & Project Delivery Actions

The following proposals are under discussion.

Hybrid Site Power: Replace continuous diesel generators with hybrid battery storage packs on site.

Procurement Mandates: Require major material suppliers to provide Environmental Product Declarations (EPDs).

Circular Materials: Specify low-carbon concrete, recycled steel, and FSC-certified timber in the design phase.

7. Energy-saving measures to implement

CDC remains committed to lowering carbon emissions via our Carbon Reduction Strategy. We anticipate transport will make up a major portion of our carbon footprint. Enhancing transport efficiency is essential to achieve our future emissions goals. Our sustainable transport policy aims to cut fleet size and ensure employee-owned work vehicles are hybrid, plug-in hybrid, or fully electric, further decreasing Scope 1 emissions.

Installing a roof-mounted solar photovoltaic (PV) system is expected to reduce demand as part of our commitment to sustainability. This initiative is complemented by plans to install new electric vehicle (EV) charging points at our office. Over the coming months, we will review our utility provider to gather more information on carbon-neutral gas options and green electricity alternatives.

8. Implementation, Accountability and Review

This Carbon Reduction Plan has been prepared in accordance with PPN 06/23 and the associated guidance and reporting standard for Carbon Reduction Plans.

The Managing Director is accountable for implementing this plan. Managers are responsible for applying it within their functions and projects, while every employee and subcontractor is expected to support its requirements.

In due course, emissions shall be documented and reported in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard. The appropriate Government emission conversion factors for greenhouse gas corporate reporting shall also be employed.

Implementation Roadmap

This indicative implementation roadmap was adopted in early May 2026 to draft the Carbon Reduction Plan for the years 2026-2028.

Phase	Timeframe	Focus
Foundation	Months 1–3	Appoint ESG lead, draft policies, work towards setting carbon baseline
Embed	Months 4–9	Roll out supplier code, start waste/carbon tracking per project, launch H&S wellbeing initiatives
Report the Baseline Emission Footprint	Dec 2026	
1st Reported Carbon Emission	End of 2027	First annual ESG report, pursue one certification (CCS or ISO 14001), formalise apprenticeship programme.
Mature	Year 2+	Set science-based-adjacent carbon targets, expand Scope 3 tracking, use ESG performance in marketing/tenders

Key Performance Indicators

Tracked from the start date with a simple spreadsheet and reviewed alongside the annual ESG summary.

KPI	Relevance
Carbon intensity (tCO2e per £m turnover or per project)	Investors, private clients, carbon reporting requests

Waste diverted from landfill (%)	Public sector tenders, planning conditions
Accident / near-miss reporting rate	All audiences; core H&S due diligence
Apprentices / trainees employed	Public sector Social Value scoring
% Spend with local suppliers	Public sector Social Value scoring
Prompt payment performance to subcontractors	Investors, PQQs, Prompt Payment Code

Scope 1 and Scope 2 emissions will be reported in accordance with SECR requirements, and the required subset of Scope 3 emissions will be reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard. The Board of Directors has reviewed and approved this Carbon Reduction Plan.

This plan will be communicated to employees and relevant business partners, made available to interested stakeholders and reviewed at least annually or following a significant legal, operational or organisational change.

Signed on behalf of the Supplier (Creative Design & Construction Limited)

Signed: 

Name: Mohammad Bhuiyan

Position: CEO