



CJ Construction (Wales) Ltd

Carbon Reduction Plan

Publication Date: Dec 2022

Commitment to achieving Net Zero

CJ Construction (Wales) Ltd are committed to achieving Net Zero emission by 2050.

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.

Baseline Year: 2021

Additional Details relating to the Baseline Emissions calculations.

2021 was the first year that CJ Construction (Wales) Ltd (CJC) performed an in-depth Carbon Report with detailed analysis as we had not previously had a formal policy for Carbon and Climate change reporting. We have used for 2021 data for both baseline and current year.

Scope 3 categories used are

- Category 3 Fuel and energy use

Baseline year emissions:

EMISSIONS	TOTAL (kgCO ₂ e)
Scope 1	88,936 (kgCO ₂ e)
Scope 2	1,791 (kgCO ₂ e)
Scope 3	
(Included Sources)	119,000 (kgCO ₂ e)
Total Emissions	209,727 (kgCO₂e)

Current Emissions Reporting

Reporting Year: 2021

EMISSIONS	TOTAL (kgCO ₂ e)
Scope 1	88,936 (kgCO ₂ e)
Scope 2	1,791 (kgCO ₂ e)
Scope 3	
(Included Sources)	119,000 (kgCO ₂ e)
Total Emissions	209,727 (kgCO₂e)



Emissions Reductions Reporting

We are committed to responsible carbon management and will practise energy efficiency throughout our organisation, wherever it's cost effective. We recognise that climate change is one of the most serious environmental challenges currently threatening the global community and we understand we have a role to play in reducing greenhouse gas emissions.

With 2021 being our baseline emission, we are now working on capturing all data which will help reduce emissions and target a 50% reduction by 2035.

Completed Carbon Reduction Initiatives

- Certified ISO 14001 Environmental Management System
- Re-assessed the extent of travel incurred by personnel through rationalising journeys, modes of transport and vehicle sharing.
- Preventing waste being disposed to landfill and to minimising the impact our activities have on the environment through reducing energy consumption and materials.
- Material Selection overhaul, to ensure sustainability and recyclability with the ultimate aim towards circularity at end of life.
- Reuse and recycle materials – essentially keep products and materials in use through safe/secure storage that will enable them to be used on other contracts.
- Monitor water and energy consumption at all locations and set targets for reduction.
- Consider SUDs over and above where we are required to i.e. utilise water conservation systems and encourage responsible water usage.
- Research and establish working practices and technology that contribute towards carbon reduction.
- Tree planting schemes.
- Comply with the Considerate Constructor principles to set an example of good environmental behaviour.

Carbon Reduction Projects

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

- Recruitment and carbon literacy training and accreditation of Eco Champions including senior management.
- Replacement PC's with gold standard energy efficiency. Obsolete IT equipment recovered/recycled.
- Solar panels considered on Head & Site Offices
- Staff education programme
- 'Switch it off' campaign
- Engaging suppliers and clients to work together to reduce overall emissions.



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 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 (or equivalent management body).

Signed on behalf of the Supplier:

Alex Holland

Director of CJ Construction (Wales) Ltd

Date: 13/12/22