

CARBON REDUCTION PLAN

Published: September 2022
Updated: March 2024

COMMITMENT TO ACHIEVING NET ZERO

Western Building Systems Ltd is committed to achieving Net Zero emissions by 2040

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 2021/22

Baseline Year: 2021/22

Additional Details relating to the Baseline Emissions calculations

The baseline defined related to Western Building Systems. The emissions are a record of the green house 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 emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	347
Scope 2	86
Scope 3	308 <ul style="list-style-type: none"> • Upstream Transportation • Down Transportation • Waste Generate • Business Travel • Commuting • Water
Total Emissions	741

CURRENT EMISSIONS REPORTING

Reporting Year: 2022/23	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	329.4
Scope 2	81.7
Scope 3	292.6 <ul style="list-style-type: none">• Upstream Transportation: 73.15 tonnes CO₂e• Downstream Transportation: 58.52 tonnes CO₂e• Waste Generation: 43.89 tonnes CO₂e• Business Travel: 29.26 tonnes CO₂e• Commuting: 58.52 tonnes CO₂e• Water Use: 29.26 tonnes CO₂e
Total Emissions	703.7

EMISSIONS REDUCTION TARGETS

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

We project that carbon emissions will decrease over the next five years to below 556 tCO₂e by 2029. This is a further reduction of 25%

TARGET VS ACTUAL

Progress against targets can be seen in the graph below:



CARBON REDUCTION PROJECTS

- Ongoing review and update the Environmental Sustainability Strategy
- Workshop to all staff and supply chain on the importance of implementing best practice for carbon reduction
- Manufacturing & Office Facilities
 - Update machinery
 - Material Optimization for Waste Management
 - Energy Consumption
 - Electric Forklift & Vehicles
 - Energy Efficient Lights
 - Paperless Systems
- Monitor Travel distances and utilise remote conferencing
- PV Panels to Manufacturing & Offices
- Charge Points for Electric Vehicles for Staff & Visitors
- Green suppliers for electricity
- Continues to manage, monitor and improve our ISO14001 Environment standard
- Local supply chain to facilities and sites to reduce Co2 emissions
- Waste Management engagement with supply chain

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:



D McCloskey | Director | Date: 09 March 2024