

Carbon Reduction Plan

Company Name: Modulek LTD

Publication date: 10/11/2024

Commitment to achieving Net Zero

Modulek 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: 2024	
Additional Details relating to the Baseline Emissions calculations.	
<p>Modulek has not yet completed a company-wide emissions report and calculations.</p> <p>Modulek Ltd has met with Darren Evans Carbon Zero consultants and agreed to proceed with our Baseline Emissions report and produce our full Carbon Reduction Plan starting Jan 2025 this will allow the financial year to be the same as our carbon year. Once complete the report will be available to read at http://www.modulek.co.uk/Carbon_reduction_Plan</p> <p>Previously, Modulek monitored and recorded emissions from a single 615m² modular building project of 167.94 tCO₂e, we will use these emissions as a baseline for our site operational elements.</p> <p>Modulek Ltd does not have a parent company as such the plan will cover the whole business. This plan is owned at board level with Dan Pester as the Net Zero Board champion – As a director he will report regularly on progress to the board of directors. The plan would be from top down with each stage of the business from sales, design, procurement to site management considering carbon efficient methods for our clients.</p>	
Baseline year emissions:	
EMISSIONS	NA
Scope 1	NA
Scope 2	NA
Scope 3 (Included Sources)	NA

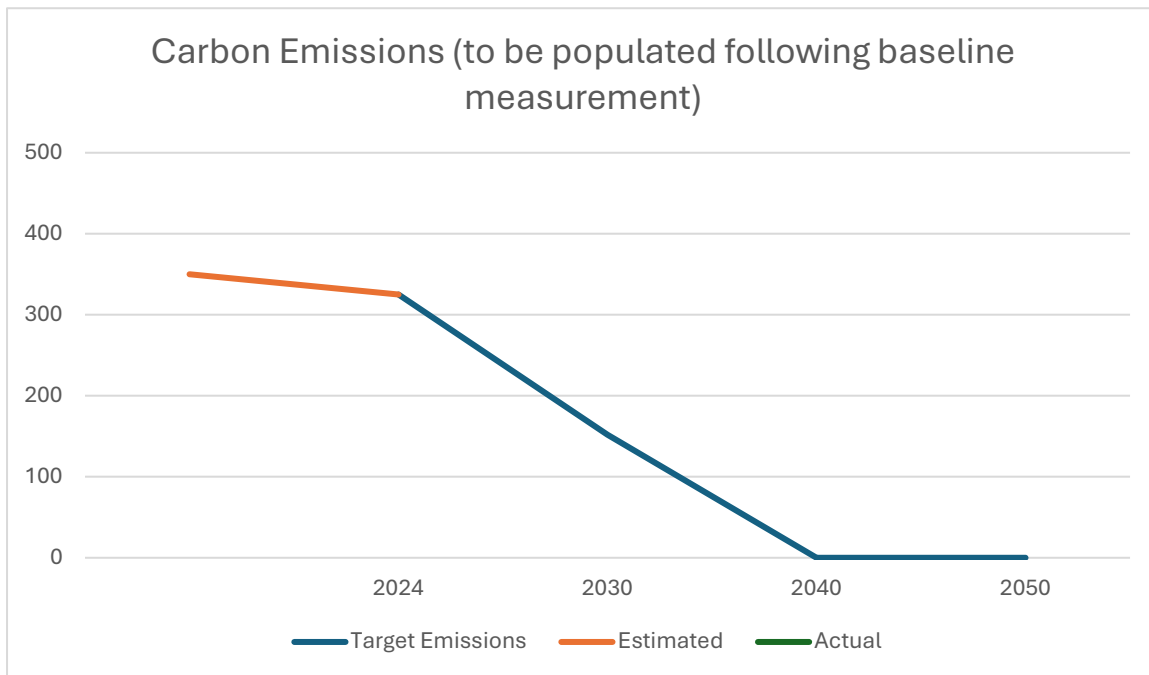
Total Emissions	NA
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Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	N/A
Scope 1	NA
Scope 2	NA
Scope 3 (Included Sources)	NA
Total Emissions	NA

Progress against these targets can be seen in the graph below

Carbon Reduction Projects



The estimated value of 325.57 tCO₂e for 2024 is based on the per m² rate of the previous analysis multiplied by the area of all the buildings done in 2024 an additional 10% was added to this to allow for warranty work. This will be revised once the Darren Evans report is completed.

Completed Carbon Reduction initiatives

Modulek have already started Carbon reduction measures as per the below:

1. Changed all heating in Head Office from Electric Convection Heating to Air Source Heat Pumps to all areas
2. Increased insulation to 50% of Head Office
3. Installed 3 No EV vehicle charging points and offer free charging to all employees to encourage EV vehicle use
4. Changed all lighting to entire Head Office to LED light fittings on PIR sensors.
5. Provided Staff with Cycle to Work scheme benefit to facilitate green transport to work
6. Certified to ISO14001 – As part of this, our environmental policy will be essential to shaping our carbon reduction policies:
 - Continual education to prevent environmental pollution:
 - Continual raising of environmental awareness:
 - Exploration of new materials with smaller environmental footprints:
 - Decrease of non-renewable energy consumption:
 - Activities emerging from the organizational context:
 - Following environmental procedures to decrease pollution:
 - Decrease of adverse impacts on water, soil, air, and biodiversity

These initiatives ensure our carbon reduction plan is effective and comprehensive. By educating our team and raising environmental awareness, we drive collective efforts toward sustainability. Exploring eco-friendly materials and managing hazardous waste help lower emissions. Reducing non-renewable energy consumption and increasing renewable energy use directly cut our carbon footprint. Tailored activities and strict environmental procedures help mitigate pollution, while reducing impacts on water, soil, air, and biodiversity supports long-term carbon reduction goals.

Future Carbon Reduction initiatives

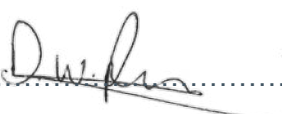
1. Install Solar Panels to roof of Head Office
2. Green energy policy for all site machinery and welfare units - (Electric excavators and Welfare Units)
3. Roll out salary sacrifice scheme for EV vehicles for all staff members
4. Implement Public Transport policy for business travel and / or EV vehicle only use
5. Regular biannual reporting and review of carbon emissions and targets to the company board of directors. Report to be updated annually.

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 standard³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁴. 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) Standard⁵.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Bidder:

.......... Dan Pester - Company Director

Date: 22.10.2024