



**MANSELL  
BUILDING  
SOLUTIONS**

# Carbon Reduction Plan

Our commitment to achieving Net Zero by 2038

## Introduction

Recognising the impact of construction on the environment, we are tackling issues such as resource protection and climate change head on. Across our operations and our associated activities and services, our commitment to long-term sustainability and working to eliminate carbon is addressed in this document. Mansell Building Solutions is committed to achieving net zero by 2038.

## Baseline Emissions

### Baseline Year: July 2021 – June 2022

Our baseline figures include all of our scope 1 & 2 emissions and our top 6 scope 3 contributors.

It should also be noted that we have used six months' worth of data for our head office energy use and doubled it, simply because we moved offices half was through the year and felt this was more realistic. This will be refreshed.

<b>Emissions</b>	<b>Total (tCO2e)</b>
Scope 1	81.267
Scope 2	7.72
Scope 3	459.06
<b>Total Emissions</b>	<b>548.05</b>

## Current Year Emissions

As our baseline year is our first reporting period, current figures are baseline figures.

We previously published version 1 of this report in January 2022 however this was based on pro-rata data and did not include any scope 3 data. The figures above are final figures based on accurate data.

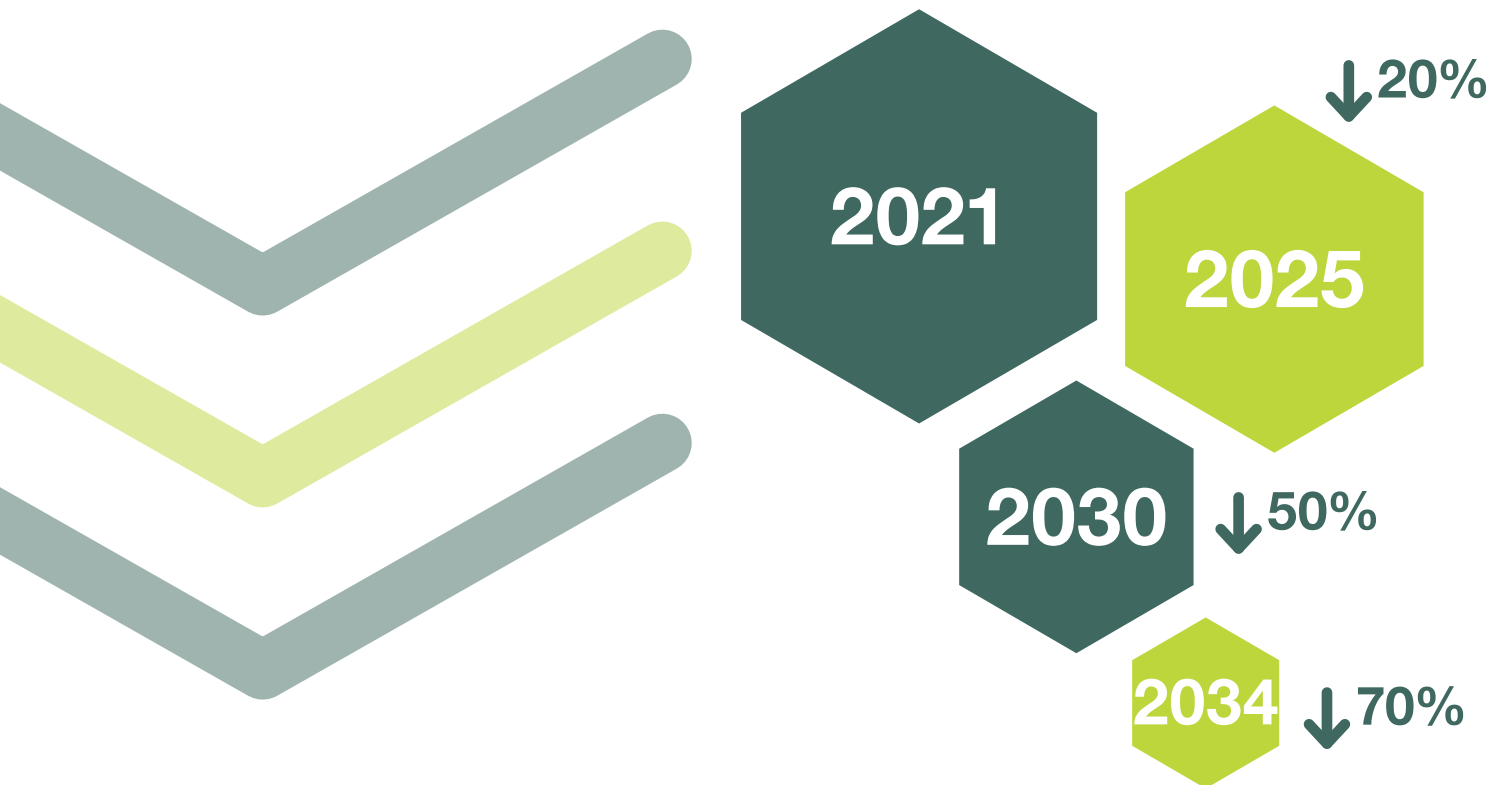
# Emission Reduction Targets

In order to achieve our goal of Net Zero, we have set out the milestones below:

1. 20% reduction in our emissions by 2025
2. 50% reduction in emission by 2030
3. 70% reduction in emissions by 2034

To ensure that we meet these targets, we will monitor the progress during our quarterly management review meetings and have nominated our SHEQ committee members as champions of this plan.

Our figures have been measured using DEFRA conversion factors for 2022.



## Completed Carbon Reduction Projects

The following environmental management measures and projects have been completed/implemented within the last year, using our ISO14001 management system as a framework for identifying our biggest impacts and tackling them.

- We have procured certified 100% renewable electricity for our head office and panel plant.
- We have replaced any vehicles due for replacement with electric ones, and prior to this encouraged the uptake of hybrid ones.
- We have implemented a flexible working policy following the success of working from home during covid, thus resulting in commuting emissions.
- We have replaced the lighting in our new head office with an LED alternative.
- We have replaced our electric forklift in our panel plant with an LPG version.
- We have implemented a new Quality Control process with an electronic platform (Procore) to ensure works are right first time, and therefore wastage and material use is reduced.
- We have planted new laurel hedgerows around our head office on Crown Lane.
- Provided reusable bottles at our head office to reduce the amount of plastic waste being generated.

And generally, our strategy to focus on prefabrication of building structures will naturally bring about efficiency in construction, along with less wastage and less accidents. We also offer spray plastering which is also a lower waste producing alternative.



# Current Carbon Reduction Initiatives

In the future we plan to implement the measures below, which will enable us to continue driving down emissions and allow us to meet our Net Zero targets:

- Replace all vehicles with hybrid or, where possible, electric powered vehicles. Including our van stock when the market can offer suitable options.
- Install renewable technologies to our head office.
- Assess our 'night tariff' energy usage, and reduce it by at least 75%.
- Replace obsolete equipment with more efficient and longer-lasting alternatives.
- Work with our supply chain to reduce their emissions from our orders.
- Train all our staff in climate change resilience.
- Drive the use of alternative materials with our clients.
- Assess alternative fuels for plant used on site, particularly HVO and trial accordingly.
- Work with manufacturers and supplier to introduce alternative and lower impacting products into our projects.

## Declaration and Sign Off

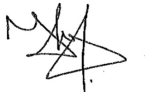
This Carbon Reduction Plan has been reviewed and signed off by the board of directors.



**Angela Mansell**  
Managing Director



**Stephanie Mansell**  
Business Support Director



**Mike Foy**  
Divisional Director -  
Frames



**Steve Green**  
Divisional Director -  
Drylining

**Mansell Building Solutions**

