

EW Beard Ltd

## Carbon Reduction Plan 2025



## Carbon Reduction Plan

Supplier name: EW Beard Ltd

Publication date: 1<sup>st</sup> June 2025

**EW Beard Ltd** is committed to achieving Net Zero emissions by 2050. We are committed to protecting the environment by demonstrating high standards of environmental responsibility throughout our operations and minimising environmental impacts associated with our activities.

Established in 1892, we remain a family-owned company with significant expertise in building for the healthcare, arts and culture, commerce and industry, education, ecclesiastical, elderly care, sports and leisure and defence sectors. As a long-established family business, we can make long term investments and as such have produced a de-carbonisation plan, which sets an interim target of 25% reduction by 2027 when compared with our baseline in 2022.

### About EW Beard Ltd

Beard is an award-winning, £198million turnover construction company which operates across the South of England. With offices in Oxford, Swindon, Bristol, Guildford and Southampton, the company undertakes design and build, new build, restoration and refurbishment on a range of projects, up to £32million for public and private sector organisations.

Our people are our strength and committed to making our business better tomorrow than it is today. We are passionate about protecting the environment and ensuring that our actions today do not adversely affect future generations. We will achieve this by complying with, or exceeding, all relevant environmental legislation and targeting year on year improvement in our environmental performance including de-carbonisation. Our activities in this area are underpinned by our BS EN ISO14001:2015 certification.

We have continued to invest in our Wroughton Warren woodland to ensure that when required to offset residual emissions, we are able to approach this in a sustainable and responsible way. A detailed 15-year woodland management plan is in place, approved and licenced by The Forestry Commission, overseen by our appointed external specialist forestry surveyors.

## Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past. We had previously introduced mitigating strategies to reduce carbon output prior to the first SECR reporting year of 2019 which provided a suitable benchmark for improvement pre-COVID-19. We launched a new environmental strategy during 2024, to drive further improvement and in this case. From 2025 onwards we have amended our baseline to 2022, which was the first full year of normalised activity since the pandemic.

<b>Baseline Year: 2022</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p>EW Beard Ltd operated out of 4 main offices in Swindon, Oxford, Guilford, and Bristol. The company owned and operated a fleet of company vehicles and allowed employees to use personal vehicles for business journeys. Additionally, the company used diesel on-site for projects. In 2022, we began phase 3 of the Energy Savings Opportunity Scheme (ESOS) which concluded on the 5<sup>th</sup> of June 2024.</p> <p>We completed SECR reporting annually from 2019, setting a new baseline from the 2022 reporting year. Under SECR, reporting Scope 1 and 2 emissions is mandatory, whilst Scope 3 is optional. Our reporting for Scope 1 &amp; 2 emissions included diesel usage for site operations (projects), gas and electricity usage at the four offices and fuel usage for company and employee-owned vehicles, whereas Scope 3 was limited to fuel by exception for personal employee vehicles without a fuel card. Since the 2022 Baseline Emissions calculations, we have begun operating out of an additional office, located in Southampton.</p>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	559.6
Scope 2	35.4
Scope 3 (Included Sources)	759.5 - Scope 3 includes fuel for personal employee vehicles used for business journeys.
<b>Total Emissions</b>	<b>1354.5 or 8.21 Intensity Ratio: tCO<sub>2</sub>e per £1m turnover</b>

## Current Emissions Reporting

Reporting Year: 2025	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	540.0
Scope 2	36.6
Scope 3 (Included Sources)	781.7
Total Emissions	1358.38 or 6.85 Intensity Ratio: tCO <sub>2</sub> e per £1m turnover

## Emissions reduction targets

In 2021, we set interim emission targets as part of our strategy to achieve net zero by 2050. The interim targets are set at 5% year on year improvement from the first SECR reporting year in 2019 up to 2025. We believe these targets to be set in line with the reduction pathways for limiting global temperature rise to 1.5 degrees C. The updated 2024 environmental strategy and reporting data has obtained external validation that we have met our commitment to this target and have acted upon our planned actions.

To continue our progress in achieving Net Zero, we have adopted the carbon reduction targets shown overleaf, which are expressed as an intensity ratio against £m turnover.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the first SECR reporting year in 2019 and we have continued to introduce additional reduction opportunities since the 2022 baseline year. The carbon emission reduction achieved by these schemes equate to **1.36 tCO<sub>2</sub>e**, a **16.57% reduction** against the 2022 baseline and these measures will be in effect when performing future projects.

No.	Carbon reduction opportunity	Action	Completion
1	Environmental car allowance scheme	We have introduced a car allowance scheme which incentivises the use of low emission vehicles, which was updated in August 2021 to further reward use of Electric Vehicles.	2021
2	Energy generation at offices.	We have installed ground source heat pumps and solar panels at the Guildford office with solar panels now fitted to Swindon and Oxford offices, as well as the installation of a SMART boiler at the Swindon office.	2022
3	Reduce energy consumption	We had previously installed low energy lighting throughout our offices but moved our Oxford office in 2024, which now requires updating.	2017
4	Environmental Management System	In 2024, EW Beard Ltd successfully recertificated it's Environmental Management System to ISO14001:2015	2023
5	Renewable Energy and diversion from Fossil Fuel Use	We have successfully changed all our electricity and gas tariffs to exclude fossil fuels, and we have sourced appropriate REGO certificates.	2021
6	Promote low emission vehicles.	We have partnered with Tusker Direct Ltd to provide a salary sacrifice route to lease low, ultra-low and zero emission vehicles, making EV's available to staff.	2021
7	Embed flexible working practices	Launched flexible working framework, to reduce travel requirements.	2022
8	Promote low emission vehicles.	Installed EV chargers at all office locations with exception of Southampton, which is a leased office.	2023

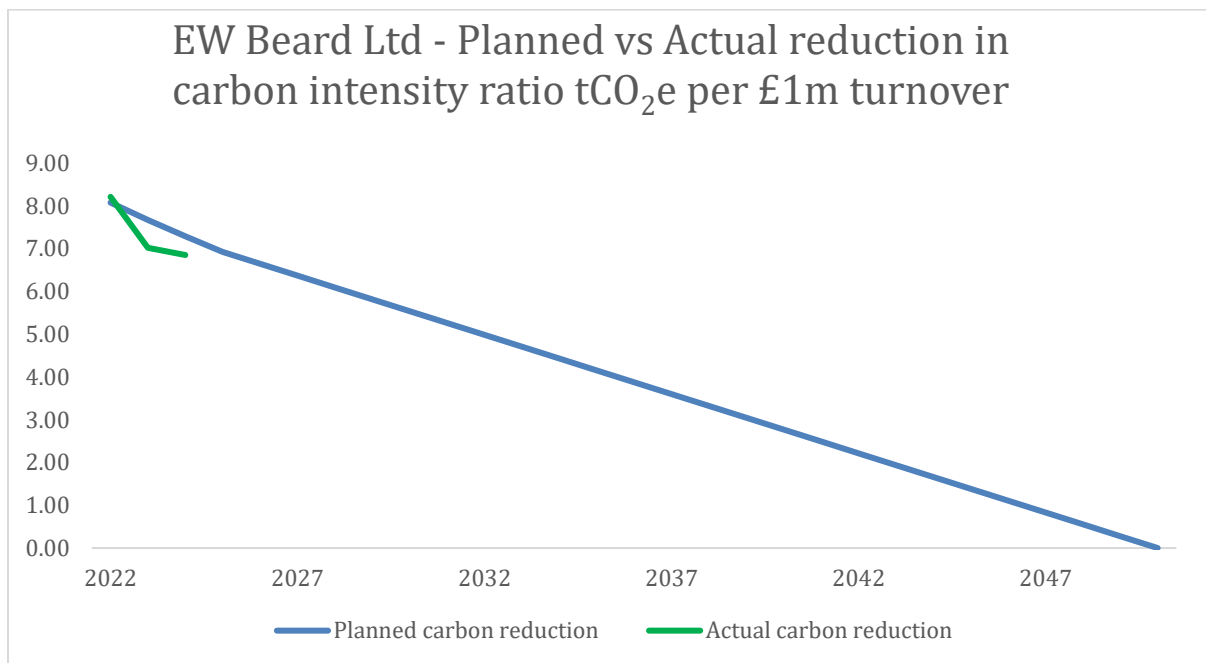
9	Invest in sustainable and UK based woodland carbon store to offset residual carbon during transition to net zero.	At the end of 2024 and into first quarter of 2025 we undertook much needed woodland management at our Wroughton Warren Woodland, all under our approved plan. During the first phase 4.3 hectares were clear felled and replanted, with a further 15.56 hectares thinned.	Woodland purchased May 2022.
10	Encouraging positive linked behaviours	Introduced a variety of segregated bins in office kitchens for food and recyclables.	2024
11	Business awareness	Appointment of the Business Responsibility Committee which, within their remit, oversee and govern sustainability.	2024

#### Planned Carbon Reduction Initiatives

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

No.	Carbon reduction opportunity	Action	Planned Completion
1	Staff taking increased level of personal responsibility for reducing carbon output and waste.	Internal campaign to influence personal behaviours focused on reducing travel, waste & energy use, onsite and in the office.	December 2025
2	Maximise investment in sustainable and UK based woodland carbon store to offset during transition to net zero.	Forestry plan approved by the Forestry Commission for the next 15-years to manage the woodland at Wroughton Warren, to maximise the carbon removal and storage potential	2025
3	Set a Scope 3 baseline.	Calculation of Scope 3 emissions in line with SBTi using 2024 data.	2025
4	Improve lighting in new Oxford office with low energy fittings and greater degree of control.	Identify and replace non-LED light fittings and introduce PIR and new controls to optimise lighting and energy use.	March 2026
5	Net-zero target.	Further develop our environmental strategy in 2026, beginning to measure scope 3 emissions in a fuller way and plan our route to net zero including applicable scope 3 emissions.	2026

6	Set science-based targets.	Set carbon reduction targets and seek approval from the Science Based targets Initiative (SBTi) or equivalent.	2027
7	Trial the use of low emission and energy management technologies onsite.	Include in retrofit of site cabins of selected trial projects with the aim to reduce our onsite energy consumption.	2026



## 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.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and Scope 3 emissions are reported as per 'SECR optional scope 3'.

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

**Signed on behalf of EW Beard Ltd:**

A handwritten signature in black ink, appearing to read "Mike Hedges", written over a dotted line.

Mike Hedges – Company Operations Director

Date: 01-06-2025