

EW Beard Ltd

Carbon Reduction Plan 2022



Carbon Reduction Plan

Supplier name: EW Beard Ltd

Publication date: 1st April 2022

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.

As a long-established family business, we are able to make long term investments and as such have produced a de-carbonisation plan, which sets an interim target of 25% reduction by 2025 when compared with our baseline in 2019.

About EW Beard Ltd

Beard is an award-winning, £160 million turnover construction company which operates across the South of England. With offices in Oxford, Swindon, Bristol and Guildford, the company undertakes design and build, new build, restoration and refurbishment on a range of projects, including complex projects, up to £40million for public and private sector organisations.

Established in 1892, the family-owned company has significant expertise in building for the healthcare, arts and culture, commerce and industry, education, ecclesiastical, elderly care, sports and leisure and defence sectors.

Our people are our strength and committed to making our business better tomorrow than it is today. We are therefore 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 are also investing in UK based forests to ensure that we play our part in helping to remove carbon from the atmosphere.

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 baseline year of 2019 but this is the first year of measurement and provides an excellent benchmark for improvement.

Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2019	
Additional Details relating to the Baseline Emissions calculations.	
<p>EW Beard Ltd operates out of 4 main offices in Swindon, Oxford, Guilford, and Bristol. The company owns and operates a fleet of company vehicles and allows employees to use personal vehicles for business journeys. Additionally, the company uses diesel on-site for projects. In 2019, we completed phase 2 of the Energy Savings Opportunity Scheme (ESOS) which concluded on the 5th of December 2019.</p> <p>We also complete SECR reporting. Under SECR, reporting the Scope 1 and 2 emissions is mandatory, and parts of Scope 3 emissions are optional. Scope 3 emissions cover emissions for all activities where the energy source and consumption are neither owned nor controlled by EW Beard Ltd. Our reporting for Scope 1 & 2 emissions includes diesel usage for site operations (projects), gas and electricity usage at the four offices and fuel usage from company vehicles, whereas Scope 3 includes fuel for personal employee vehicles used for business journeys.</p>	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1301.47
Scope 2	76.24
Scope 3 (Included Sources)	40.52 - Scope 3 includes fuel for personal employee vehicles used for business journeys.
Total Emissions	1418.23 or 8.95 Intensity Ratio: tCO ₂ e per £1m turnover

Current Emissions Reporting

Reporting Year: 2021	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1114.82
Scope 2	44.46
Scope 3 (Included Sources)	14.77 - Scope 3 includes fuel for personal employee vehicles used for business journeys.
Total Emissions	1174.05 or 8.15 Intensity Ratio: tCO ₂ e per £1m turnover

Emissions reduction targets

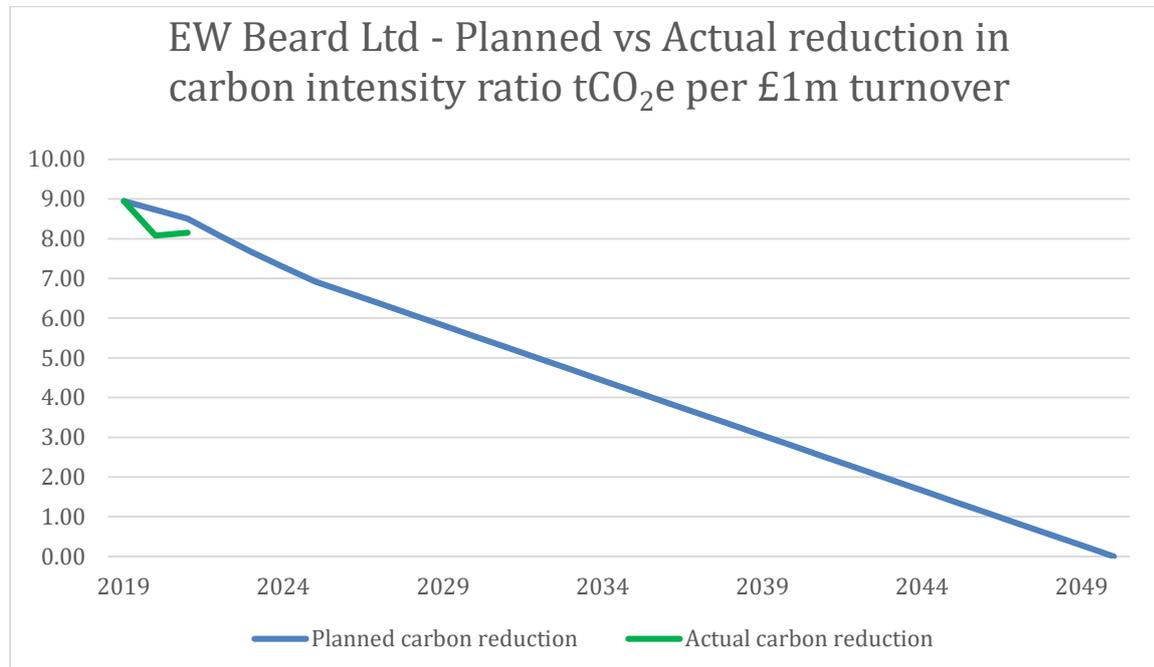
In 2021, we set interim emission targets as part of our strategy to achieve net zero by 2050. The interim targets are set at 5% year on year improvement to the baseline by 2025. The targets are set in line with the reduction pathways for limiting global temperature rise to 1.5 degrees C. In 2022, we plan on seeking external validation of this from the Science Based Targets initiative (SBTi).

The figures and information used in calculations have been provided as accurate to the best of our knowledge and as far as practicable we have assumed that figures are representative of our activities. We continually seek to improve our data quality and in the case that we identify any material changes, we may recalculate the data in the future

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets which are expressed as an intensity ratio against £m turnover.

Progress against these targets can be seen in the graph below:

EW Beard Ltd - Planned vs Actual reduction in carbon intensity ratio tCO₂e per £1m turnover



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to **0.8 tCO₂e**, a **9% reduction** against the 2019 baseline and the measures will be in effect when performing the contract. There is a level of over-achievement in 2020 which results from a reduction in travel and activities due to the Covid-19 pandemic.

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	2015
2	Energy generation at Guildford Office	We have installed ground source heat pumps at the Guildford Office to generate energy.	2017
3	Reduce energy consumption	We have previously installed low energy lighting throughout our offices, which has reduced electrical consumption	2017
4	Environmental Management System	In 2021, EW Beard Ltd successfully recertificated it's Environmental Management System to ISO14001:2015	December 2021
5	Renewable Energy and diversion from Fossil Fuel Use	We have successfully changed all of our electricity and gas tariffs to exclude fossil fuels.	February 2021
6	Promote low emission vehicles	We have updated our staff car allowance scheme to further reward the use of electric vehicles and partnered with Tusker Direct Ltd to provide a salary sacrifice route to lease low, ultra-low and zero emission vehicles.	August 2021

Planned Carbon Reduction Initiatives

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

No.	Carbon reduction opportunity	Action	Completion
1	Embed flexible working practices	Launch flexible working framework, which will help reduce travel requirements	January 2022
2	Promote low emission vehicles	Install EV chargers at all office locations	January 2022
3	Increase on-site energy generation	Install Solar PV panels to the Oxford, Swindon and Guildford offices to assist in renewable energy generation	2022
4	Set science-based targets	Set carbon reduction targets and seek approval from the Science Based targets Initiative (SBTi).	2022
5	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.	2022

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 be "M. Beard", written over a light grey rectangular background.

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Date:1. April 2022.....