



Carbon Reduction Plan



November 2024



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EFA ENGINEERING LTD

November 2024

Commitment to achieving Net Zero

EFA Engineering is committed to achieving and retaining Net Zero emissions by 2050.

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: 2023 (1 Nov 2022 – 31 Oct 2023)	
Additional Details relating to the Baseline Emissions calculations.	
This is our first assessment and will be using the figures calculated below to form our Baseline.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	Zero Emittance
Scope 2	Electricity – 1.68
Scope 3	Business travel – 20.2 Purchased goods and services – 7.57 Capital goods – 1.1
Total Emissions	30.5

Current Emissions Reporting

Baseline Year: 2024 (31 Oct 2023 – 30 Oct 2024)	
Additional Details relating to the Baseline Emissions calculations.	
This is our second assessment and we will be using the figures calculated below to form our Baseline.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	Zero Emittance
Scope 2	Electricity – 2.83
Scope 3	Business travel – 6.86 Purchased goods and services – 10.8 Capital goods – 2.99
Total Emissions	26.1

Emissions reduction targets

At EFA, we hold a deep commitment to the environment and sustainability. We calculate our carbon emissions not only for our staff but also taking our contractors into consideration. Taking all this into account, it becomes evident that the most significant contributor to our carbon emissions is business travel, which constitutes two-thirds of our total emissions.

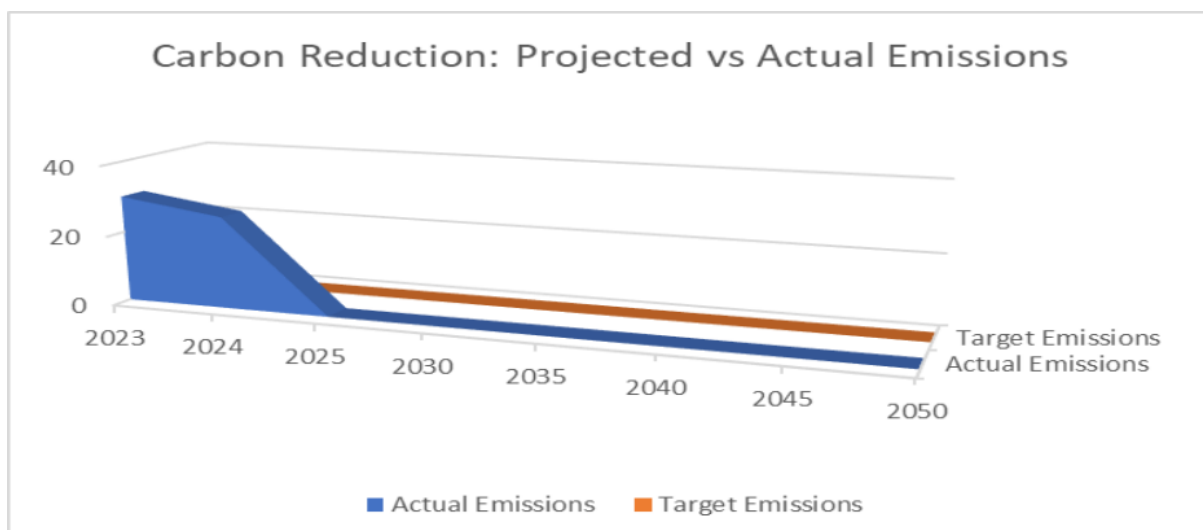
To advance our pursuit of Net Zero emissions, we have embraced the following carbon reduction targets specifically aimed at our business travel:

- Eco-Friendly commuting, encouraging all our employees and contractors to take public transport or cycle to work.
- Promote telecommuting and remote work options to reduce the need for daily commuting.

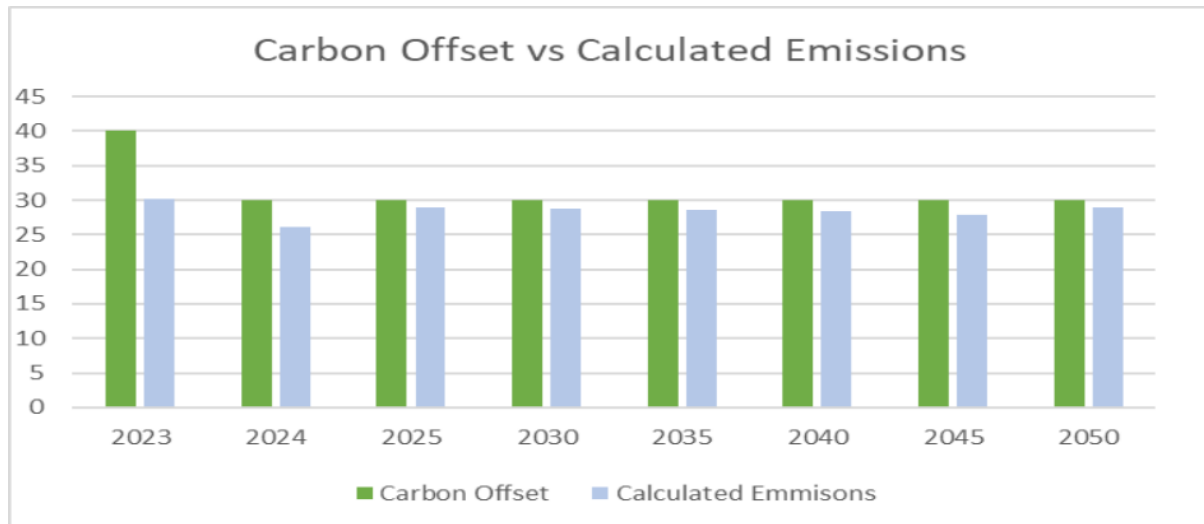
Here are some additional targets we've set to help us achieve our goal of Net Zero emissions:

- We intend to offset the impact of our carbon emissions through carbon offset endeavours.
- Participate in a Carbon Initiative to help us in our commitment to reducing carbon emissions and advocating for policies that promote sustainability.

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



With our exceptionally low baseline emissions, we have the capacity to fully offset our carbon footprint. Consequently, we proudly declare that we are currently fulfilling our net-zero commitments. Our unwavering objective is to sustain our actual emissions at net zero, maintaining this commitment extends beyond the year 2050.



As our company grows and emissions naturally rise over time, our commitment is to consistently surpass our calculated emissions through offsetting efforts, ensuring a continual net-zero status. We aim to minimise calculated emissions even as we expand, thanks to the implementation of sustainable initiatives integral to our growth strategy.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these schemes equate to 26.1t CO₂e, a 13.5%ge reduction against the 2023 baseline and the measures will be in effect when performing the contract.

- We've collaborated with the 'Make It Wild' foundation, offsetting 30 tonnes of CO₂e, surpassing the total emissions generated by our operations.
- We are a member of the 'SME Climate Hub' which has made the commitment: to become net zero by 2050 or sooner.

- We have Implemented a cycling scheme to incentivise our employees to commute via bike. This program not only allows our team members to enjoy cost savings on bicycles and accessories but also brings forth a range of health and environmental advantages. By promoting cycling to work, we actively contribute to minimising our carbon footprint."

Future carbon reduction initiatives

Monitoring and reporting in our onboarding process, to inquire about the travel methods of all contractors and staff. This is aimed at accurately assessing the carbon footprint associated with their travel and providing education on ways to minimise its impact. Additionally, it serves as a mechanism for us to offset the carbon emissions generated.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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



Alex Edwards

Date: 1 Nov 2024

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>