

Carbon Reduction Plan

Vega Environmental Consultants Ltd

Publication date: 12/07/2024

Commitment to achieving Net Zero

Vega Environmental Consultants Ltd is committed to achieving Net Zero emissions by 2040.

Baseline Emissions Footprint

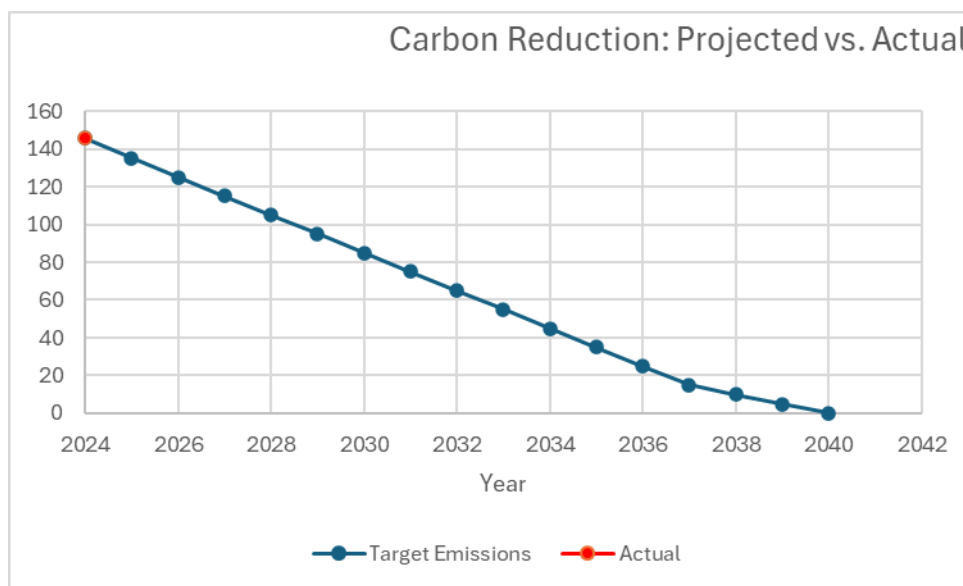
Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2023–2024	
Additional Details relating to the Baseline Emissions calculations.	
<i>Organisation has not previously assessed or reported emissions</i>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	70.08
Scope 2	1.34
Scope 3 (Included Sources)	74.37
Total Emissions	145.79

Current Emissions Reporting

Reporting Year: 2023-2024	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	70.08
Scope 2	1.34
Scope 3 (Included Sources)	74.37
Total Emissions	145.79

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The company installed solar panels and EV chargers prior to the baseline reporting. The solar panels generate ~10,000kWh of energy per year which is used to power the building and charge electric vehicles.

The company have maintained ISO 14001 certification since September 2009.

The following environmental management measures and projects have been completed or implemented since the 2023-2024 baseline: -

- Installation of LED lights throughout the main office areas, stores, kitchen and corridors of the head office building.
- Lagging of hot water pipework to laboratory, kitchens and male/female toilets.

The carbon emission reduction achieved will be determined at the next reporting year. The measures will be in effect when performing the contract.

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

- Replacement of company vehicles with plug in hybrid vehicles and electric vehicles.
- Installation of LED lights to other areas (workshop, toilets and laboratories) of the premises.

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 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).

Signed on behalf of Vega Environmental Consultants Ltd:



Name:.....E Brown.....

Position:.....Managing Director.....Date:12/07/2024.....

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

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

³<https://ghgprotocol.org/standards/scope-3-standard>