

Carbon Reduction Plan

Supplier Name: Scotmas

Publication Date: January 2024

Commitment to Achieving Net Zero

Scotmas is committed to achieving Net Zero emissions by 2025.

Baseline Emissions Footprint

Baseline Year 2020	
Additional Details relating to the Baseline Emissions calculations.	
Despite continued business growth, particularly in exports markets involving significant business travel, the company has chosen to set an absolute Net Zero emissions target against a 2020 (Covid influenced) baseline.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	121 tCO ₂ e
Scope 2	28.9 tCO ₂ e
Scope 3 (business travel, employee commuting)	1.97 tCO ₂ e
	*Baseline was very low due to very little travel during Covid in 2020
Total Emissions	151.87 tCO₂e

Current Emissions Reporting

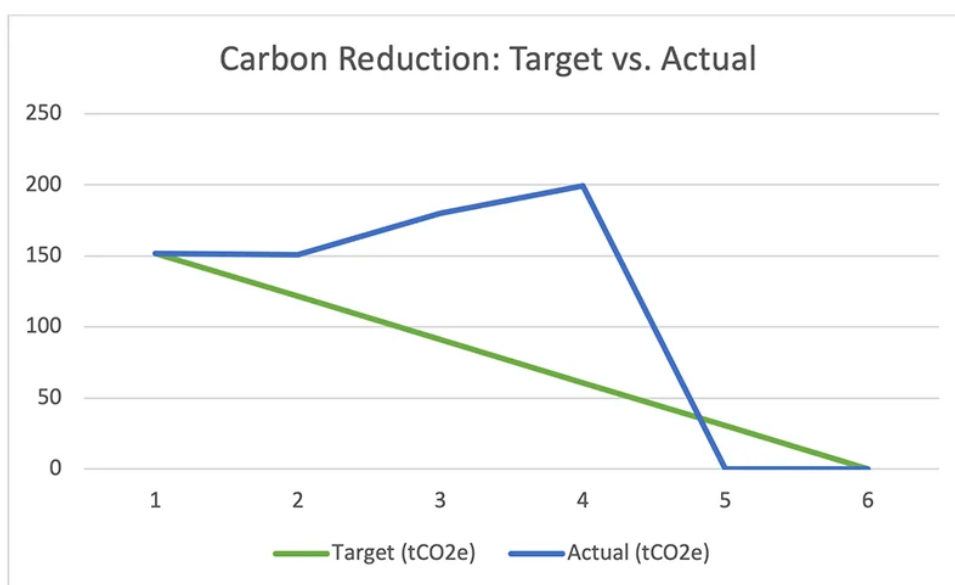
Baseline Year 2023	
EMISSIONS	TOTAL (tCO2e)
Scope 1	114.5 tCO2e
Scope 2	27.2 tCO2e
Scope 3 (business travel, employee commuting, waste generated in operations, upstream and downstream transportation and distribution)	77.61 tCO2e
Total Emissions	219.31 tCO2e

Emissions Reduction Targets

In order to continue our progress to achieving Net Zero, we have adopted the stated carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 0 tCO2e by 2025. This is a reduction of 100%.

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



Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2020 baseline.

- The carbon emission reduction achieved for Scope 1 + Scope 2 emissions by these schemes equate to 8.2 tCO₂e, a 5.5% reduction against the 2020 baseline and the measures will be in effect when performing the contract.
- The carbon emission reduction achieved by these schemes per £1m turnover equate to 4.38 tCO₂e / £1m turnover, a 10.4% reduction against the 2020 baseline.
- Scope 3 emissions have been excluded from these calculations in 2020 (Covid). Scope 3 emissions were very low due to travel restrictions, significantly affecting the carbon for Business Travel.

In early 2020 we engaged with Zero Waste Scotland to carry out a full audit of the energy efficiency of our building and processes.

This independent review led us to make a number of commitments in the years 2021-2023:

- Installation of 85Kw Solar Array on our main production and office building
- Installation of HVAC controls to reduce energy consumption
- Evaluation of the use of Ground Source Heat Pump to augment current factory heating arrangements
- Minor works inclusive of destratification fans, air curtains and improved insulations to reduce heat loss.

For our staff we have implemented the following initiatives:

- Replacement of diesel-powered cars with hybrid / fully electric vehicles on a rolling basis from 2018 onwards
- Provision of free charging facilities to staff in order to encourage the use of own electric vehicles
- Rolled out the LOVEELECTRIC car scheme, offered for staff to reduce the carbon from 250,000 miles commuted per year
- Continued participation in Cycle to Work scheme and provision of showers and changing facilities to encourage cycle use.

In our production processes we have:

- Transitioned to 99% recycled or recyclable product packaging
- Implemented CNC controlled plastic cutting processes to minimise wastage, ensuring that collected swarf and off-cuts are separated and directed for recycling
- Engaged with specialist contractors to manage WEEE and to provide better guidance to customers on end of life disposal options
- Environmental management system certified to ISO14001

In 2024 we will:

- Replace our gas factory heating with air source heat pumps, powered by our solar panels and 100% renewable grid electricity. This will save a further 50 tCO₂e per year
- Continue to map and better understand our Scope 3 impacts where relevant to our operations
- Install fast electric car chargers to help use excess energy at weekends and evenings – offering paid charging for the local community
- Implement grey water recycling initiatives on our site with the intention of halving our domestic water usage
- Continue roll out of certified service engineer training and augmented reality remote support tools, with priority given to export markets in order to minimise impact on site travel.
- Achieve bCorp membership
- Adopt Tripple Bottom line reporting standards

By 2025 we will

- Commit to offsetting embedded CO₂ emissions via :“Gold Standard” certified offsets e.g. offering water filtration devises in SE Asia
- Complete the transition of the full company fleet (cars and vans) to EV

As part of this process, we have quantified the carbon tonnages saved as a result of these initiatives, and these form part of our annual CSR reports to shareholders.

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 the Supplier:



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>