

Carbon Reduction Plan

Supplier name: Envair Limited t/a Envair Technology

Publication date: 16/06/2025

Commitment to achieving Net Zero

Envair Technology 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	
Additional Details relating to the Baseline Emissions calculations.	
<p>Envair Technology has raised its sustainability ambitions. This target to become net zero will be reached by a stepwise approach in several areas, such as switching to renewable energy sources, updating the vehicle fleet, changing business travel routines, finding new and smart logistics alternatives. As an engineering company, operating in Healthcare and Pharma Sectors, Envair Technology's impact is inherently a social one - to help improve and save people's lives. Envair operates from premises in the UK, employs over 75 people and uses a field-based fleet of 15 vehicles to carry out sales, service and marketing activity. The long-term target is to become a net zero company by 2040.</p> <p>FY23 is the baseline year future carbon reporting as outlined in this Carbon Reduction Plan. Reporting will commence from 2024 onwards.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	94.42 tCO₂e from combustion or natural gas 265.97 tCO₂e from company-owned vehicles
Scope 2	48.11 tCO₂e from electricity usage
Scope 3 (Included Sources)	Upstream distribution – not reported 1.57 tCO₂e from waste disposal 12.14 tCO₂e from business travel 58.35 tCO₂e from commuter miles Downstream distribution – not reported
Total Emissions	408.55 tCO₂e

Current Emissions Reporting

Reporting Year: 2024	
Additional Details relating to the Current Year Emissions calculations.	
<ul style="list-style-type: none"> • Envair Technology has increased the scope of its reporting significantly on base year, encompassing a much wider range of scope 3 emissions • The company worked with an accredited specialist to further develop reporting, whilst bringing carbon accounting in-house • In other areas, the company has improved data accuracy which has led to both an increase and a decrease in tCO₂e in some areas. We have chosen not to recalculate our baseline emissions, in some case due to lack of available data, but also to reflect the impact of the change in our approach • By expanding our reporting, our total emissions have increased on 2023 baseline • Envair Technology continues to work to reduce the emissions it can directly control and has implemented a number of initiatives, with further developments planned for 2025 • The company has plans to actively engage with its supply chain on ESG topics in 2025 to endeavour to improve the reporting accuracy of our scope 3 emissions and also to promote awareness and targeted reduction of CO₂e through its supply chain 	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	58.49 tCO₂e from combustion or natural gas 9.04 tCO₂e from refrigerant gas (new category reported) 25.44 tCO₂e from additional gas used in manufacture (new category reported) 98.79 tCO₂e from company-owned vehicles (change to more accurate reporting basis from 2023)
Scope 2	43.93 tCO₂e from electricity usage
Scope 3 (Included Sources)	1,383.31 tCO₂e from purchased goods and services (new category reported) 34.35 tCO₂e from upstream transportation and distribution (new category reported) 0 tCO₂e from waste disposal 61.17 tCO₂e from business travel (expanded reporting scope from 2023) 85.46 tCO₂e from commuter miles (change to more accurate reporting basis from 2023) 56.37 tCO₂e from downstream distribution (new category reported)
Total Emissions	1,856.35 tCO₂e

Emissions reduction targets

Envair Technology is committed to achieving Net Zero in 2030. In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

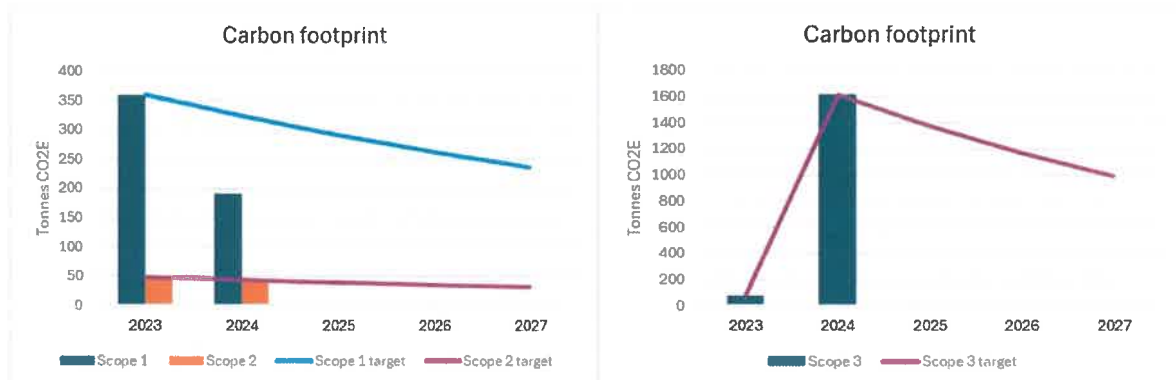
1. Scope 1 & 2

We project that carbon emissions will decrease over the next five years to **217 tCO₂e** by **2029**. This is a reduction of **10%** each year.

2. Scope 3

We recognise that our control over scope 3 emissions is more limited. Envair Technology remains committed to achieving reductions in this area and has set a target of **15%** reduction each year. This targets emissions of **719 tCO₂c** by **2029**.

Current progress against these targets can be seen in the graphs below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

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

- Motion sensor lighting in the factory and office
- Smart heating system in the factory
- Timer switches on the boiler and the immersion heater
- Switch to LED lighting through the facility
- Campaign for energy awareness for staff requesting that they switch off lights, heaters and IT equipment when not in use
- Switch to electric company cars from diesel/petrol fuelled
- Move to a higher level of in-house manufacturing to reduce carbon miles during production

During 2025 the following initiatives are planned to achieve further improvements:

- Installation of timers to further reduce lighting and heating usage
- Introduction of a staff EV scheme to support reduction in commuting emissions
- Installation of a voltage optimiser to reduce electricity consumption
- Engagement with supply chain to increase awareness of reporting and targets and to build more accurate reporting data
- Initiation of ISO14001 accreditation process

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

- Achievement of ISO14001
- Transition of fleet vehicles away from diesel fuel whilst maintaining our service level requirement for customers
- Further reduction of factory emissions
- Review possible carbon offset options

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 reporting](#)².

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:



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Date: 16th Jun 2025

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>