

Commitment to achieving Net Zero

Howorth Air Technology Ltd is committed to achieving 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: 1 Jan 2022 – 31 Dec 2022	
Additional Details relating to the Baseline Emissions calculations.	
Our baseline year is 2022, as we gathered data for our baseline, we did not have the capability or methods to capture much of our scope 3 emissions, the Scope 3 emissions included in the baseline is limited to 1) WTT generation, transport & distribution and transmission & distribution data, 2) Water & Wastewater, 3) Commercial Waste and 4) Grey fleet business miles. As we progress and our data capture methods are improved, we will report on a wider range of scope 3 emissions	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	230.92
Scope 2	33.45
Scope 3 (Included Sources)	121.51 Well-to-Tank (WTT) - Generation Well-to-Tank - Transport & Distribution Transmission & Distribution (T&D) Water & Wastewater Waste Grey fleet business miles
Total Emissions	385.88

Current Emissions Reporting

Reporting Year: 1 Jan 2023 – 31 Dec 2023 – <i>Not yet available</i>	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	
Scope 2	
Scope 3 (Included Sources)	
Total Emissions	

Emissions reduction targets

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

We project that our scope 1 & scope 2 carbon emissions will decrease over the next five years to 200 tCO₂e by 2027. This is a reduction of 24%

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes equate to 5 tCO₂e, a 2%ge reduction against the 2022 baseline and the measures will be in effect when performing the contract

Here is a list of projects which are ongoing:

Commitment to SBTi near term targets

Undertaken Ecovardis sustainability assessment achieving Silver standard

Reporting to CDP

Education of core staff group on sustainability and journey to net zero

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

- Move to a modern building
- Solar power
- Improve facility maintenance to reduce energy leakage

- Milage reduction programme, through improved planning
- Electrification of fleet vehicles
- EV salary sacrifice programme

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:



John Hale
Supply Chain & OpEx Director

Date:3/8/2023.....

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>