

Carbon Reduction Plan

Supplier Name	MicroBioSensor Ltd
Publication Date	27 March 2024

Commitment to achieving Net Zero

Microbiosensor Ltd is committed to achieving Net Zero emissions by 2045.

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: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	114.7
Scope 2	27.4
Scope 3 (Included Sources)	24.2
Total Emissions	166.3

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	98.0
Scope 2	27.4
Scope 3 (included sources)	19.6
Total Emissions	145.0

Emissions Reduction Targets

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

We project that carbon emissions will decrease over the next five years to 90 tCO₂e by 2028. This is a reduction of 38%.

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 11 tCO₂e, a 6.6% reduction against the 2022 baseline and the measures will be in effect when performing the contract.

Specific measures undertaken in 2023:

- The company continues to promote a policy of online attendance of meetings to reduce travel associated GHG emissions.
- Where face to face meetings are unavoidable (e.g. sales / product demonstrations and key business trips), staff are encouraged to travel via public transport wherever possible.
- For car journeys related to sales / product demonstrations, half of our UK sales representatives have now switched from ICE cars to electric vehicles.

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

- Switching our remaining sales representatives to electric vehicles (planned for 2024).

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 standard⁴ and uses the appropriate [Government emission conversion factors for greenhouse gas company reporting](#)⁵.

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) Standard⁶.

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: 01/05/2024