Carbon Reduction Plan 2024

Cambridge Sensors Ltd ('Supplier')

Publication date March 2025

Last Reviewed Jan 2025/JM

Commitment to achieving Net Zero

Supplier 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: 2021	
Additional Details relating to the Baseline Emissions calculations.	
Baseline year emissions:	
EMISSIONS	**TOTAL ($kgtCO_2e$)**
Scope 1	**63740**
Scope 2	**52557**
Scope 3 (Included Sources)	**126672**
Total Emissions	242969

Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (kgtCO_2e)
Scope 1	52693
Scope 2	45825
Scope 3 (Included Sources)	77033
Total Emissions	175551

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 150000 tCO_2e by 2027. This is a reduction of 38% over baseline figures.

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

Year	KgeCO2e (Scope 1, 2, 3)	% reduction over baseline
2021	242969	NA
2022	191779	21
2023	180219	26
2024	175551	28

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to 67,418 $kgCO_2e$, a 28% reduction against the 2021 baseline and the measures will be in effect when performing the contract

- Optimisation of production processes.
- Reduction is use of air transport.
- Use of sea transport where possible.

In the future we hope to implement further measures such as

- Reduction of road usage and more online support.
- Ordering and shipping optimisation

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 standard[1] 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) Standard[3].

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:

..... - DIRECTOR

Date: 10/3/25

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3] https://ghgprotocol.org/standard/scope-3-standard