Carbon Reduction Plan

Supplier name: Stowood Scientific Instruments Limited

Publication date: July 2026

Commitment to achieving net zero

Stowood Scientific Instruments Limited 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: 2021/22 (1 September 2021 – 31 August 2022)		
Additional details relating to the baseline emissions calculations:		
This baseline represents our first calculation of the carbon footprint of the business. The baseline is recalculated annually to take methodological updates into account.		
Baseline year emissions:		
Emissions		Total (tCO_2e)
Scope 1		0.00[1]
Scope 2		2.73
Scope 3 (included categories below)		47.00
Included Scope 3 categories	3. Fuel- and energy-related activities	0.96
	4. Upstream transportation & distribution	32.47
	5. Waste generated in operations	0.08
	6. Business travel	4.16
	7. Employee commuting	9.32[2]
	9. Downstream transportation & distribution	0.00[3]
Total emissions		**49.73**

[1] The business premises uses electric heating. There are no company vehicles nor any machinery which use fuels. No cooling refrigerants were used in the baseline year. There are therefore no Scope 1 emissions.
[2] This includes emissions from Employee Telecommuting, a sub-category of Category 7.
[3] All inbound and outbound transportation & distribution is captured in 'Upstream transportation & distribution'.

Current Emissions Reporting

Reporting year: 2024/25 (1 September 2024 – 31 August 2025)		
Additional details relating to the reporting year emissions calculations:		
N/A		
Reporting year emissions:		
Emissions		Total (tCO_2e)
Scope 1		0.00[4]
Scope 2		1.42
Scope 3		49.12
Included Scope 3 categories	3. Fuel- and energy-related activities	0.55
	4. Upstream transportation & distribution	33.56
	5. Waste generated in operations	0.005
	6. Business travel	10.22
	7. Employee commuting	4.99 [5]
	9. Downstream transportation & distribution	0.00[6]
Total emissions		**50.54**

Emissions reduction targets

The organisation is committed to achieving Net Zero emissions by 2050 at the latest. We will keep this date under review, bringing it forward if possible as our carbon reduction plans develop.

[4] The business premises uses electric heating. There are no company vehicles nor any machinery which use fuels. No cooling refrigerants were used in the current year. There are therefore no Scope 1 emissions.
[5] This includes emissions from Employee Telecommuting, a sub-category of Category 7.
[6] All inbound and outbound transportation & distribution is captured in 'Upstream transportation & distribution'.

Carbon Reduction Projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented and will be in effect when performing the contract.

- LED lighting has been installed throughout our premises.
- A hybrid working model has been adopted.
- Business travel has been minimised through extensive use of video-conferencing.
- Waste reduction is achieved through the re-use of incoming packaging for the shipping of our own products.

Future carbon reduction initiatives

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

- Identifying opportunities for reducing the use of air transport for upstream and downstream transportation, e.g. through extended storage and/or improvements in the efficiency of stock control.
- Implementing a principled approach to business travel decisions in order to avoid unnecessary travel and to ensure that necessary travel is by the most sustainable means possible. We will adopt a criteria-based travel policy to ensure consistency in decision-making across the company.
- Facilitating access to low-emission vehicles for our employees.
- Commissioning a specialist survey of our premises in order to identify opportunities for improving energy efficiency and to explore the feasibility of on-site renewable energy installation.
- Providing guidance on environmental and carbon management to our staff.
- Conducting an audit of our main suppliers to identify opportunities for reducing the environmental impacts of our supply chains.
- Reviewing and improving where possible the environmental footprint of our products and their packaging, included their embodied carbon, e.g. through rationalisation of component parts, incorporation of recycled content, reduced weight and improved operational efficiency.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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[7] and uses the appropriate government emission conversion factors for greenhouse gas company reporting.[8]

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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.[9]

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:



Gwilym Davies, CEO

Date: 21st July 2026

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[7] https://ghgprotocol.org/corporate-standard
[8] www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[9] https://ghgprotocol.org/standards/scope-3-standard