

14th January 2025

The Scientific Instrument Centre Ltd
Carbon Reduction Plan

Commitment to achieving net-zero

SiC is committed to achieving net-zero emission across all reporting scopes by 2045.

Baseline emissions footprint

Scope Emissions	Baseline Year	Emissions (Total tCO ₂ e)
Scope 1	2022	41.4
Scope 2	2022	0.0
Scope 3	2022	31.9
Total Baseline Emissions		72.3
Additional Comments:		
<p>These baseline calculations were done via spend and travel distance data inputs, using the GHG conversion factors guidance spreadsheet.</p> <p>As SiC has been a fully remote company since 2019, scope 2 shows no emissions. However, as our fleet shifts to Electric vehicles in future, scope 2 will start showing emissions, but reduction will be had in scope 1 and possibly scope 3.</p>		

Current emissions reporting

Scope Emissions	Reporting Year	Emissions (Total tCO ₂ e)
Scope 1	2024	58.0
Scope 2	2024	0.2
Scope 3	2024	40.2
Total 2024 Emissions		98.2

Emissions Reduction targets

SiC have adopted the following greenhouse gas reduction targets as part of a progressive plan to achieve net zero emissions by 2045.

Overall net zero target

SiC commits to reach net-zero greenhouse gas emissions across the entire value chain by 2045.

Short term target

SiC commits to reduce Scope 1 emissions by 50% by 2030.

Medium term target

SiC commits to reduce Scope 1 and Scope 3 emissions by 75% by 2035.

By 2030, all vehicles owned and operated by SiC will be Full Battery Electric vehicles. We predict this will have significant impact on our Carbon emissions. As we are a fully remote organisation with no facility or building we directly operate out of, if we decide to open one, we will ensure it contains a full array of solar panels. With any such project, we would ensure all energy consumed would be 100% renewable.

Carbon reduction projects

In 2024, SiC achieved ISO 14001 accreditation for the first time. We also swapped a Petrol car for a fully electric vehicle within our fleet.

We're currently analysing the viability to switch our entire fleet of petrol service vehicles to fully electric vehicles in 2027, when their current leases expire.

Declaration


This carbon reduction plan has been completed in accordance with PPN 06/21 guidance 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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

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



Jonathan Marsh
Managing Director
14th January 2025