



Carbon Reduction Plan

June 2025

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Our Commitment to achieving Net Zero

Sustainable Construction Services (SCS) has been championing sustainable and energy efficient design since our inception in 2008.

Our commitment to sustainability is at the core of our operations, as reflected in SCS's Corporate Social Responsibility (CSR), Environmental, and Supply Chain policies.

We recognise the significant environmental impacts that business activities can have on our planet. In line with this understanding, we fully supports the British government's goal of achieving Net Zero emissions by 2050.

To contribute to this ambitious target, we have established annual reporting and monitoring processes for our carbon reduction projects, as detailed in this document.

These efforts underscore SCS's dedication to sustainability and our role in promoting a more environmentally responsible future. By tracking our progress and continually seeking improvements, we aim to support the collective journey toward a carbon-neutral society and are committed to achieving Net Zero emissions by 2050.

SCS's work within the construction industry demonstrates our in-depth understanding of the emissions generated by development projects and the various strategies available to mitigate them. We actively advocate for more sustainable designs to our clients, making it a priority to lead by example. SCS is committed to practicing what we preach and continually strives toward achieving net zero emissions.

Net Zero Target

In 2019, the UK Government amended the Climate Change Act 2008 by introducing a target for a minimum 100% reduction in greenhouse gas emissions (compared to 1990 levels) by 2050. This is commonly referred to as the "Net Zero" target.

Procurement Policy Note (PPN) 06/21 outlines how suppliers' carbon reduction plans and commitments to Net Zero can be considered in the procurement of relevant contracts. This applies to contracts subject to the Public Contracts Regulations 2015, valued at £5 million per annum or above, and where such measures are related and proportionate to the organisations involved.

This Carbon Reduction Plan is specific to SCS and complies with the reporting standards set by PPN 06/21. The calculations for this report were conducted in the first and early second quarters of 2024, using 2023 as the baseline year for emissions data.



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.

The Baseline Emissions Footprint was calculated for the year 2023 for SCS' Bristol office as this was the last full year to have a complete year of data.

Baseline Year: 2023

As per the 'Technical Standard for Completion of Carbon Reduction Plans' set by the UK Cabinet Office, SCS detailed emissions for Scopes 1, 2 and 3. For Scope 3 emissions, the five minimum categories were reported.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	7.1
Scope 2	0.07
Scope 3 (Included Sources)	19.74 1. Purchased Goods and Services (unquantifiable, will aim to collect data for this in future years) 4. Upstream Transportation and Distribution 5. Waste Generated in Operations 6. Business Travel 7. Employee Commuting (including homeworking) 9. Downstream Transportation and Distribution (N/A)
Total Emissions	26.92

Current Year Emissions

SCS is pleased to announce that our Scope 1, 2, and 3 emissions for the year 2024 have decreased by 24% compared to our baseline reporting figures. This significant reduction highlights the effectiveness of the various Carbon Reduction Initiatives we have implemented since establishing our baseline.

These initiatives include a range of strategies such as energy efficiency improvements, investment in renewable energy sources, and enhanced waste management practices. As a result, we have seen a tangible impact on our overall carbon footprint.

Moving forward, SCS is committed to strengthening these initiatives and exploring new opportunities for further emissions reductions. Our long-term objective remains clear: to achieve net-zero emissions by 2050. We believe that by continuing to innovate and improve our sustainability efforts, we can maintain this positive trend and contribute to a healthier planet for future generations.

Year: 2024	
As per the 'Technical Standard for Completion of Carbon Reduction Plans' set by the UK Cabinet Office, SCS detailed emissions for Scopes 1, 2 and 3. For Scope 3 emissions, the five minimum categories were reported.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	6.16
Scope 2	0.05
Scope 3 (Included Sources)	14.07 1. Purchased Goods and Services (unquantifiable, will aim to collect data for this in future years) 4. Upstream Transportation and Distribution 5. Waste Generated in Operations 6. Business Travel 7. Employee Commuting (including homeworking) 9. Downstream Transportation and Distribution (N/A)
Total Emissions	20.27

Emission Reduction Target

The targets for the following year, 2025, will be to further promote the carbon reduction projects where possible across the company in order to sustain the current projected trajectory of emissions. A sensible expectation and target would be to expect 20 tCO₂e or lower for the reporting of 2025, as seen in the graph below. We project that carbon emissions will decrease over the next five years to below 19 tCO₂e by 2029 this is a reduction of 22.2%.

The 2025 year reporting is also expected to show a decrease in emissions due to the relocation of staff closer to the offices, significantly reducing commuting distances for both medium diesel and small petrol cars. These two vehicle types currently account for 60% of the commuting emissions for the Bristol office.

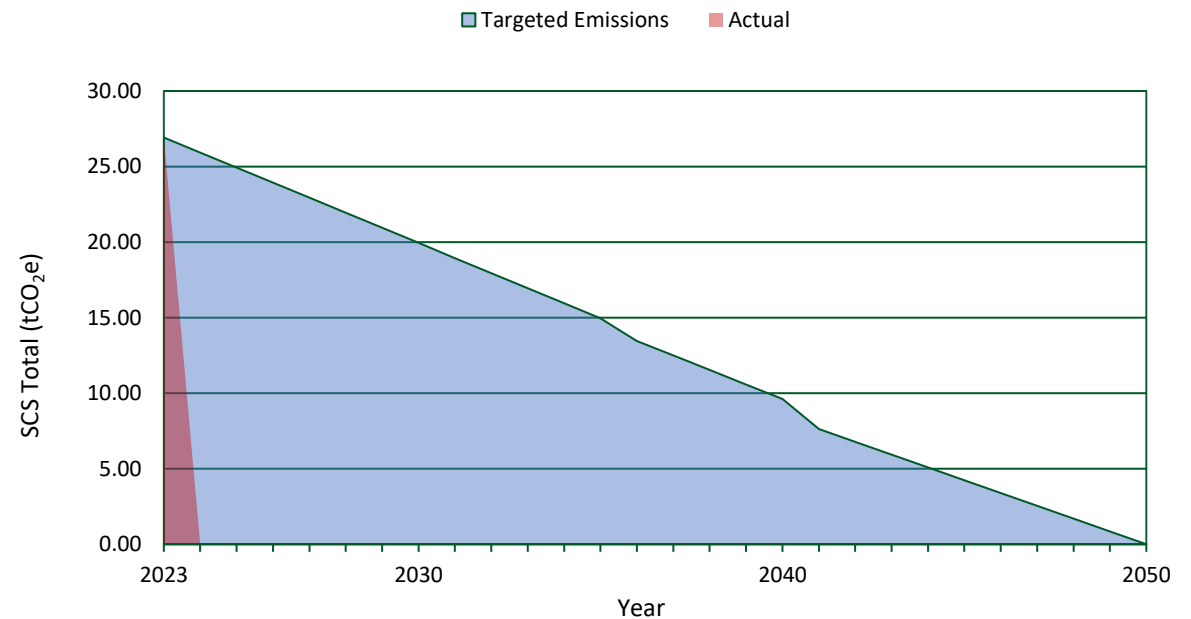


Figure 1: Carbon Rection: Projected vs. Actual for Sustainable Construction Services.

Emission Reduction Target

The SCS strategy for Carbon Footprint Reporting has been reviewed. By implementing and enhancing the reduction projects outlined in the next section, we expect emissions to decrease by an additional 4 tonnes over the next seven years. Below is a summary of these projects.

Under current UK Government policy, new petrol and diesel vehicles will no longer be sold in the UK from 2035. As the electric vehicle (EV) infrastructure gap narrows, we anticipate that by 2040, the majority of vehicles will be electric, hybrid, or possibly hydrogen-powered. This anticipated transition to electric and hydrogen vehicles has been factored into our projections starting in 2040.

Furthermore, as the energy grid continues to decarbonize and natural gas use declines, we expect additional reductions in scope 1 and 2 emissions.

By 2030, this would bring the annual Bristol office emissions below 23 tCO₂e, representing an ambitious reduction target of approximately 15%.

We are committed to achieving these reductions through regular in-house consultations and enhancing data collection methods to ensure the most accurate results.

Carbon Reduction Initiatives



Incentives to encourage cycling

Incentives will be investigated and trialled to encourage greater employee participation in the Cycle to Work scheme at its Bristol office. These initiatives are intended to positively impact Scope 3 emissions related to 'Employee Commuting' by reducing reliance on automobile transport.



Premises Upgrade

SCS aims to relocate to offices with a higher Energy Performance Certificate (EPC) ratings that is fully electric and ideally powered by renewable energy. This transition will help reduce Scope 1 emissions by minimising fuel combustion and limiting refrigerant emissions, using eco-friendly alternatives like CO2 or propane.



Reduced Flight Policy

SCS will not utilise air travel for any business-related activities within mainland United Kingdom. For business travel outside of mainland UK, alternative modes of transportation will be prioritised wherever feasible, taking into account both cost and time considerations.

Carbon Reduction Initiatives



Online Meetings

SCS will aim to reduce Scope 3 emissions associated with 'Business Travel' by further limiting travel by automobile. Employees will be encouraged to prioritise virtual meetings. This initiative seeks to gradually phase out non-project-related business travel by land, including the use of cars and taxis.



Company Pool bike

SCS will acquire a company pool bicycle for employee use when travelling to business-related activities within the local area from the office.



Car Share Club

SCS will promote the establishment of a car share program for employees. Staff with similar commuting routes will be encouraged to share car journeys, contributing to the reduction of Scope 3 emissions associated with employee commuting.

Carbon Reduction Initiatives



Switching to public transport

Where feasible, SCS will seek to implement policy changes related to 'Employee Commuting.' For example, employees residing within a 10-mile radius of the office will be encouraged to utilise public transportation, through the introduction of incentives—details of which are yet to be finalised. This policy is intended to be implemented by 2028.



Focus on Recycling

SCS will aim to procure recycled paper for office supplies in an effort to reduce Scope 3 emissions associated with 'Purchased Goods and Services.' Additionally, this initiative will be extended to waste management practices, with a focus on increasing recycling rates and minimising the use of general waste bins.



Electric Fleet Vehicles

SCS does not currently maintain a fleet of vehicles; however, there has been an occasional need for rental vehicles. Going forward, when vehicle rentals are necessary, SCS will prioritise the use of hybrid, fully electric, and/or alternative fuel vehicles, such as those powered by biofuels.

Declaration

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 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 directors.



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Matthew Edis
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