

# Carbon reduction plan.

2025-2026.

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THE HEALTHCARE DOOR SPECIALIST





## Verification and assurance.

**This Carbon Reduction Plan has been produced for Specialist Door Solutions.**

The contents of this report have been assurance checked for accuracy, completeness, and consistency emissions data, and energy efficiency actions by a qualified energy professional, independent of the author.

This report:

- ✔ Has a reporting period consistent with the financial statement.
- ✔ Has been prepared in line with the Procurement Policy Note (PPN) 06/21.
- ✔ 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 have used the appropriate Government emission conversion factors for green house gas company reporting where available.
- ✔ Is based on information recieved from various sources and contains as far as pratically possible, no material misstatements.

## Net Zero commitment.

Specialist Door Solutions is committed to aligning with UK Government targets and achieving Net Zero Emissions by **2045**.



## Base year emissions.

The base year emissions represent the amount of greenhouse gases that would have been emitted under a 12-month business-as-usual scenario. The baseline is the reference point for Specialist Door Solutions to both measure and manage their greenhouse gas emissions going forward.

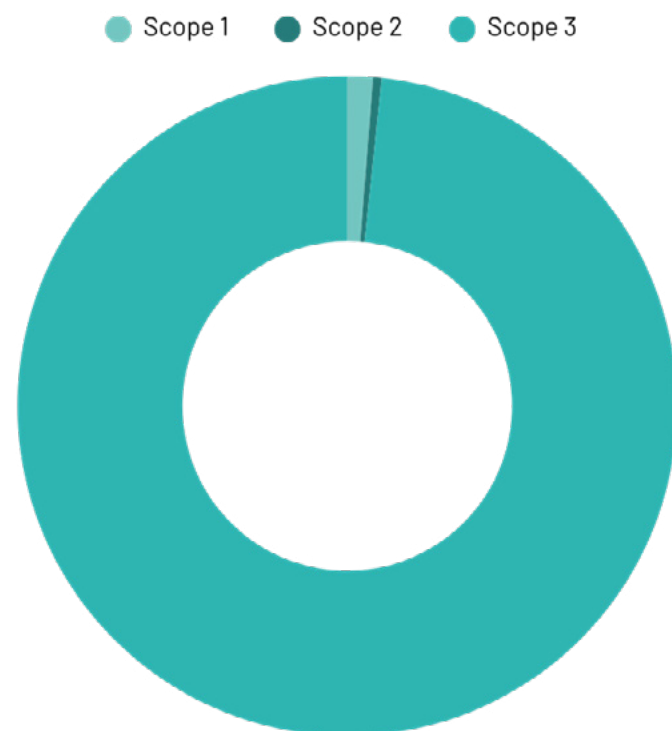
Specialist Door Solutions will recalculate the base year if any substantial organisational change, or restructuring occurs.

### Base year.

The base year is Jan 2024 – Dec 2024. Measurements include mandatory scope 1, 2, and 3 emissions.

Estimates and assumptions have been made with the collation of data, and this is documented in the methodology.

The total emissions for the base year is 1,524 tonnes of CO<sub>2</sub>e, with 98% arising from scope 3.



SCOPE 1 (tCO <sub>2</sub> e)	Jan 24 - Dec 24
Fuels	19.11
<b>Total Scope 1</b>	<b>19.11</b>
SCOPE 2 (tCO <sub>2</sub> e)	Jan 24 - Dec 24
Purchased electricity	6
Electricity - EV	0.35
<b>Total Scope 2</b>	<b>6.35</b>
SCOPE 3 (tCO <sub>2</sub> e)	Jan 24 - Dec 24
Purchased goods and services	-25.18
Capital goods	12.91
Fuel - and energy related activities	5.31
Upstream, transportation & distribution	265.41
Waste generated in operations	1.15
Business travel	24.48
Employee commuting	42.79
Downstream transporting & distributing	0.01
Use of sold products	36.3
End-of-life treatment of sold products	1,136
<b>Total Scope 3</b>	<b>1,499</b>
<b>Total Carbon Footprint</b>	<b>1,524 tCO<sub>2</sub>e</b>





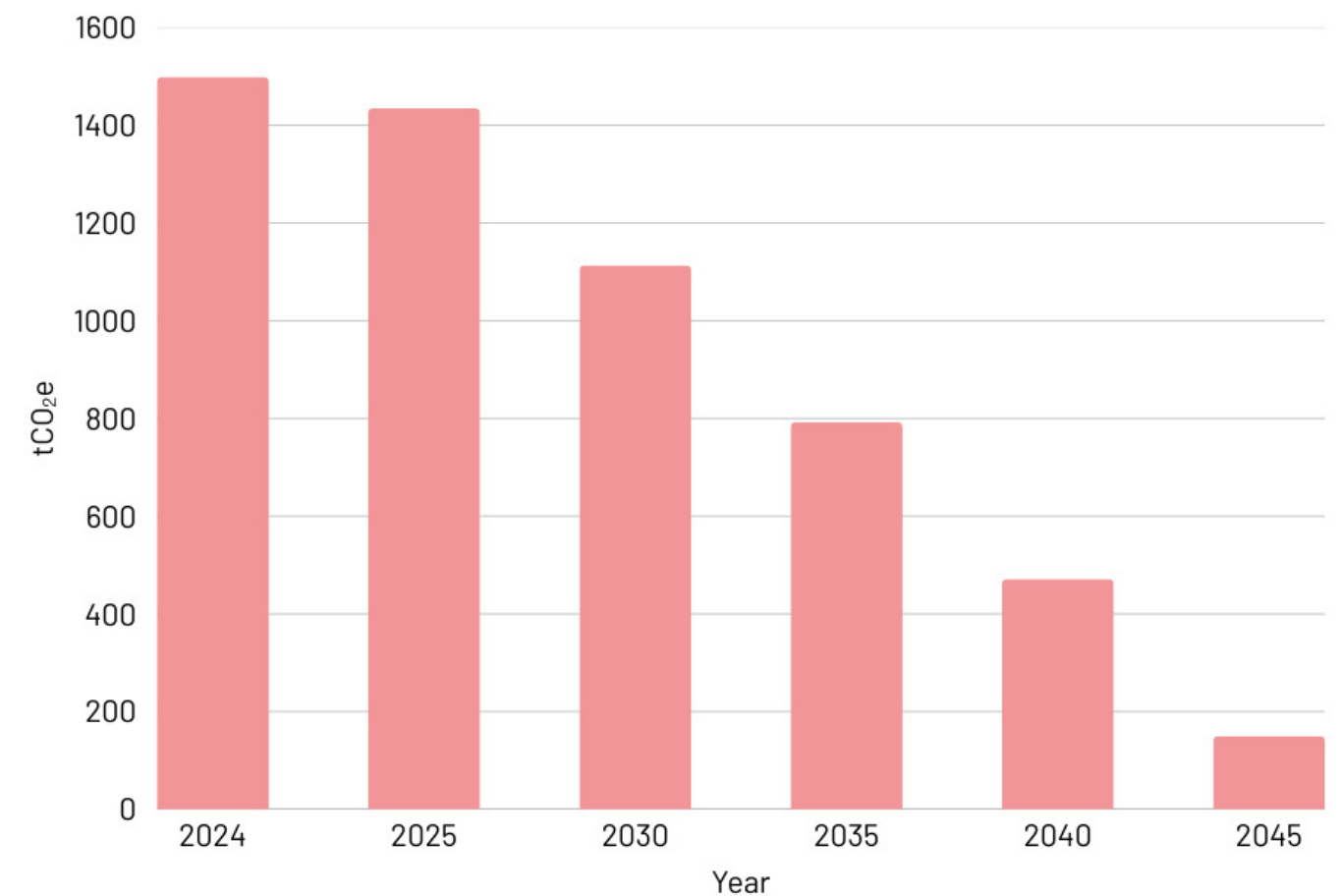
## Emission reduction target.

Specialist Door Solutions has established a measurable pathway to Net Zero by setting a formal commitment to achieve Net Zero Greenhouse Gas (GHG) emissions by 2045.

To underpin this commitment, the organisation has selected calendar year 2024 as its official emissions baseline. This year will serve as the reference point for quantifying future reductions in Greenhouse Gas emissions across all relevant scopes.

Annual emissions will be systematically monitored and reported, enabling transparent assessment of progress against the Net Zero target. This approach reflects Specialist Door Solutions's dedication to environmental accountability and continuous improvement in line with evolving best practices in climate action.

Net Zero Target (tCO<sub>2</sub>e)





## Completed Carbon Reduction initiatives.



Switched to Green Electricity contract in February 2023.



Transitioned to local suppliers for some products, reducing travel miles.



Increase the number of EV chargers available to employees, encouraging switching to electric vehicles.



Installed lighting sensors in factory and office spaces to reduce energy use.



Product innovation projects:

- Reducing the use of foam and plastic in product packaging,
- Reducing PVC use in product.

These project have contributed to reducing Category 1,4 and 9 related-emissions through material use and lightweighting.



Replacement of heating assets in the factory to more energy efficient electricity-based systems.



Trialing efficiency measures in the manufacturing process to reduce factory hours and associated energy consumption, supporting the business in decoupling growth from emissions.



Ongoing program for machinery upgrades to more energy-efficient models with reduced energy requirements.





# Future Carbon Reduction initiatives.

## Scope 1.



Electrification opportunities – enhancing our environmental controls and eliminating on site heating oil use.



Full electrification of the company vehicle fleet.

## Scope 2.



Machinery upgrades and smart systems – increase targeted energy use to reduce use on unnecessary applications.



On site generation – solar and wind power in addition to existing zero carbon tariffs.

## Scope 3.



Increasing recycled content of materials and use of alternatives.



Supplier engagement – to include data integrity and reduced reliance on market based tCO2e evaluation.



Electrification of the logistics operation – engaging with lower carbon solutions as they come on stream.



## Methodology.

Scope 1 and 2 greenhouse gas emissions have been calculated using the Environmental Reporting Guidelines: including Streamlined Energy and Carbon Reporting (SECR) Requirements issued by the UK Government in March 2019<sup>1</sup>. Emissions have been calculated using the UK Government Greenhouse Gas Reporting Conversion Factors relevant to the reporting period. Scope 2 emissions have been calculated using the market-based approach.

Scope 3 emissions have been calculated following the methodologies detailed in the Greenhouse Gas Protocol Technical Guidance for Calculating Scope 3 Emissions<sup>3</sup>. The chosen methodology for each scope 3 category is highlighted in the adjacent table.

Where available, emission factors were sourced from the annual Greenhouse gas reporting: conversion factors from the Department for Energy Security and Net Zero and Department for Business, Energy & Industrial Strategy<sup>4</sup>. Where a spend-based methodology was used, emission factors were sourced from the UK Government “Indirect emission from the supply chain”. The CO<sub>2</sub>e emission factor has been utilised throughout.

Data for the Dfendoor and Shieldoor emissions analysis have been sourced from the Environment Product Declarations (EPDs) completed for these products, for Lamdoor, the emissions associated with Dfendoor have been used as a proxy.

As more accurate or complete data becomes available in future reporting periods, figures may be subject to revision. If future data remains consistent with current estimates, this year’s figures can be considered reasonably representative; otherwise, restatement may be required.







SCOPE 3	Methodology	Notes
Category 1: Purchased goods and services	Hybrid approach	Doors – EPD Products – material-based Services – spend-based Water – volume-based
Category 2: Capital goods	Spend-based	
Category 3: Fuel and energy related activities	Volume-data	
Category 4: Upstream transportation and distribution	Hybrid approach	Doors – EPD Other – volume and distance-based
Category 5: Waste	Volume-data	
Category 6: Business travel	Spend-based	
Category 7: Employee commuting	Distance based and work from home	
Category 8: Upstream leased assets		
Category 9: Downstream transportation and distribution	Volume and distance-based	
Category 10: Processing of sold products		Not applicable
Category 11: Use of sold products	EDP-based	
Category 12: End-of-life treatment of sold products	Hybrid approach	
Category 13: Downstream leased assets		Not applicable
Category 14: Franchises		Not applicable
Category 15: Investments		Not applicable





## Summary.

Specialist Door Solutions understand the importance of reaching Net Zero in order to mitigate our impact contributing to the climate crisis. Specialist Door Solutions also understand the difficulties in achieving this change, therefore will ensure our strategy is aligned to the following principles:

### Prioritise emissions reduction over offsetting.

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Focus on reducing emissions directly within operations and supply chains before considering carbon offsetting.

### Engage stakeholders.

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Involve employees, suppliers, and customers in the net zero journey.

### Optimise resource efficiency.

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Implement measures to reduce waste and optimise resource use, such as circular economy principles or sustainable product design, to lower overall carbon footprint.

### Enhance transparency and reporting.

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Regularly measure, report, and communicate progress towards net zero targets with transparent data and clear metrics.

### Align with regulatory and industry standards.

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Stay ahead of regulatory requirements and align with industry best practices.

### Plan with continuous improvement.

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Regularly review and update the carbon reduction plan to reflect new insights, technologies, and progress, maintaining flexibility to adapt and improve strategies over time.

### Commit to constant research and learning.

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Continuously research emerging topics and innovations in carbon reduction, and incorporate lessons learned from other companies' successes and challenges.



## Glossary and references.

**Net Zero:** A state where the amount of greenhouse gases emitted, and the amount removed from the atmosphere are equal.

**Carbon Footprint:** The amount of GHG emissions generated from a particular individual, community, or organisation.

**Greenhouse Gas Protocol:** Supplies a global standardised framework for accounting and reporting of greenhouse gases.

**Paris Agreement:** An international treaty that addresses climate change and aims to limit global warming to well below 2°C or preferably 1.5°C.

**PPN 06/21:** Procurement Policy Note 06/21 requires every entity bidding for UK Government contracts valued at £5 million or more, is required to have a Carbon Reduction Plan.

**Scope 1:** Direct emissions of greenhouse gases from assets operated or owned by an organisation, such as fuel from company owned transport and gas used for heating.

**Scope 2:** Indirect emissions of greenhouse gases linked to the purchase of electricity, heat and steam.

**Scope 3:** All other indirect emissions of greenhouse gases that result from the operations of an organisation. Scope 3 emissions are divided into 15 categories as defined in the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard.

**Location-based emissions:** A methodology that calculates emissions based on the average carbon intensity of the grid within a specific region.

**Market-based emissions:** A methodology that considers the specific energy contracts a company is in when calculating emissions arising from energy use.

**Greenhouse Gas (GHG):** Gases that trap heat within the Earth's atmosphere by absorbing infrared radiation e.g. Carbon Dioxide (CO<sub>2</sub>) and Nitrous Oxide (N<sub>2</sub>O).

**Carbon Dioxide Equivalent (CO<sub>2</sub>e):** A unit of measurement that includes the impacts of all greenhouse gases.

**Science Based Targets:** A target that reduces emissions in line to meet the Paris Agreement and limit global warming to 1.5°C.

**SBTi:** The Science Based Target Initiative (SBTi) is a corporate climate action organisation that encourages and assists global companies and financial institutions to set targets and decarbonise.

**SECR:** Streamlined Energy and Carbon Reporting (SECR) is a mandatory UK regulation requiring large companies to report annually on their energy use and associated carbon emissions.

<sup>1</sup> <https://www.gov.uk/government/publications/environmental-reporting-guidelines-including-mandatory-greenhouse-gas-emissions-reporting-guidance>

<sup>2</sup> <https://ghgprotocol.org/corporate-value-chain-scope-3-standard>

<sup>3</sup> <https://ghgprotocol.org/scope-3-calculation-guidance-2>

<sup>4</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>



## 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 and use the appropriate Government emission conversion factors for greenhouse gas company reporting where applicable.

Scope 1 and scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of scope 3 emissions that are applicable 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 Darren Woolsgrove, Managing Director at Specialist Door Solutions.



Darren Woolsgrove,  
Managing Director

16.1.2026







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