

Carbon Reduction Plan

Supplier name: Strzala Architects Ltd

Publication date: 17th October 2025

Commitment to achieving Net Zero

Strzala Architects 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.

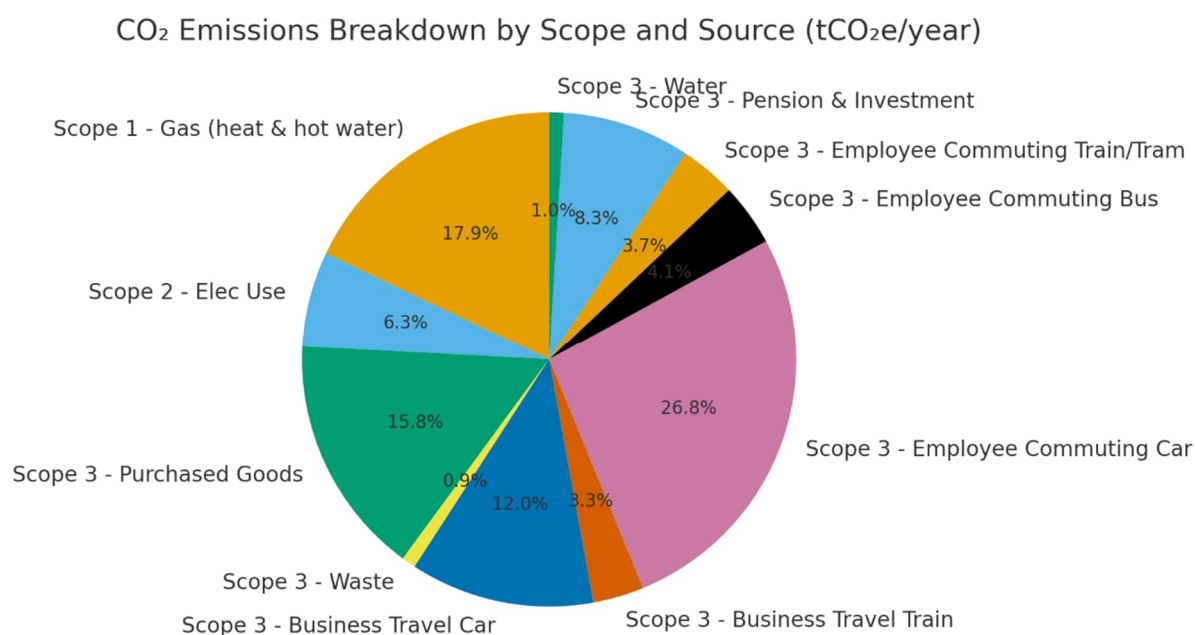
Baseline Year: 2024 – First Reporting Period	
Additional Details relating to the Baseline Emissions calculations.	
First reporting period using data from January 2024 to December 2024 calculated September 2025. This has been established as our baseline. Main Office carbon assessment data.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	N/A
Scope 2	N/A
Scope 3 (Included Sources)	N/A
Total Emissions	N/A

Current Emissions Reporting:

Reporting Year: 2024 – First Reporting Year – to be used as baseline																				
EMISSIONS		TOTAL (tCO ₂ e)																		
Scope 1		4.30 tCO ₂ e (direct energy and processes)																		
Scope 2		1.50 tCO ₂ e (indirect impact from electricity)																		
Scope 3 (Included Sources)		<u>3.78 tCO₂e Purchased Goods</u> (allowance for yearly desktop (350 kg CO₂e) / laptop (200 kg CO₂e) renewals – embodied emissions) <u>0.22 tCO₂e Waste from operations</u> <table><tr><th>Waste stream</th><th>Tonnes</th><th>Factor (kgCO₂e/t)</th><th>Emissions (kgCO₂e)</th></tr><tr><td>Landfill</td><td>0.45</td><td>421</td><td>189.5</td></tr><tr><td>Recycling</td><td>0.9</td><td>21</td><td>18.9</td></tr><tr><td>Incineration</td><td>0.15</td><td>44</td><td>6.6</td></tr></table> Total kg CO₂e/year: 215 <u>2.89 tCO₂e Business Travel– Car</u> (combined petrol and diesel use for average 9000 miles for year) Petrol Car: Medium size, average 4000miles. Factor – 2.88kg CO₂e/litre = 1.3 tCO₂e/year Diesel Car: SUV size, average 5000miles. Factor – 3.29 kg CO₂e/litre = 1.59 tCO₂e/year <u>0.80 tCO₂e Business Travel– Train</u> (main travel type used for business 12,000 miles) Average miles 12,000. Factor: 0.041 kg CO₂e/km = 0.80 tCO₂e <u>6.42 tCO₂e Employee Commuting– Car</u> Petrol Car: Medium size, 2,400miles. Factor – 2.88kg CO₂e/litre = 0.78 tCO₂e/year Diesel Car: SUV size, 17,760miles. Factor – 3.29 kg CO₂e/litre = 5.64 tCO₂e/year			Waste stream	Tonnes	Factor (kgCO ₂ e/t)	Emissions (kgCO ₂ e)	Landfill	0.45	421	189.5	Recycling	0.9	21	18.9	Incineration	0.15	44	6.6
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	<u>0.98 tCO₂e Employee Commuting– Bus</u> 5,760miles per year. Factor – 0.105 kg CO₂e/pkm = 0.98 tCO₂e/year <u>0.88 tCO₂e Employee Commuting– Train / Tram</u> Tram: 4,560miles per year. Factor – 0.066 kgCO₂e/pkm = 0.56 tCO₂e/year Train: 4,800miles per year. Factor – 0.0.041 kgCO₂e/pkm = 0.32 tCO₂e/year <u>2.00 tCO₂e Pension and investment</u> (based on average 5% each employee investment and conventional global equity fund) <u>0.23 tCO₂e Office Water consumption</u> 18.25 m³/person/year based on 50litres per day. Factor for water supply (0.344 kg CO₂e/m³) and wastewater treatment (0.708 kg CO₂e/m³) Total Factor: 1.052 kg CO₂e per m³. 18.25 m³ × 1.052 = 19.18 kg CO₂e / person / year. Tonnes: 230.16 ÷ 1000 = 0.23 tCO₂e/year
Total Emissions	23.98 tCO₂e

Summary Chart of Baseline Data:



Emissions reduction targets

This is our first carbon footprint assessment and we have no previous emissions reduction commitments. Below are our targets to achieve Net Zero.

In order to enable our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

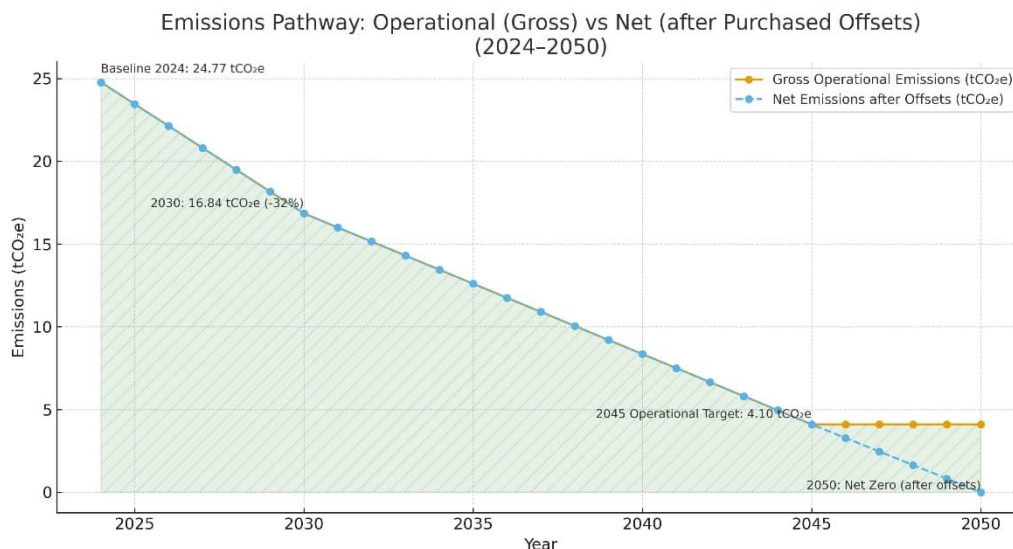
We project that carbon emissions will decrease over the next five years to **16.20 tCO₂e** by 2030. This is a reduction of **32%**

Strzala Architects Short Term Emissions Reduction Targets – By 2030

Scope / Source	Target Reduction Strategy	2030 Target (tCO ₂ e)	% Reduction
Scope 1 – Gas	Switch to Energy Supplier promoting renewable / low carbon energy	3.65	15%
Scope 2 – Electricity	Transition to 100% renewable electricity	0.75	50%
Scope 3 – Purchased Goods	Extend lifetime of equipment, choose low-carbon suppliers with end of life recycling	2.65	30%
Scope 3 – Waste	Improve recycling and waste management	0.10	50%
Scope 3 – Business Travel	Car: Average 8000 miles for year. Promote use of EV cars and public transport (50%/30%/20% split) Car: 1.45, EV Car: 0.7, Public – Train: 0.32)	2.47	15%
Scope 3 – Employee Commuting	Car: Incentivise and promote EV, hybrid, car-sharing, or public transport use = 3.85	3.85	40%
Scope 3 - Employee Commuting	Car: Promote Hybrid Working from home policies to help reduce commuting - 1 day per working week (above car 3.85 to 3.08)	3.08	20%
Scope 3 - Employee Commuting	Bus: Promote Hybrid Working from home policies to help reduce commuting - 1 day per working week	0.78	20%
Scope 3 - Employee Commuting	Tram / Train: Promote Hybrid Working from home policies to help reduce commuting - 1 day per working week	0.70	20%
Scope 3 - Pensions	Transition to low-carbon equity / green funds	1.20	30%
	End of 2030 Emissions Target	16.20 tCO₂e	

	1st Year Baseline Emissions	23.98 tCO₂e	
	5 Year Plan Emissions % Reduction	32%	

Emission Reduction Targets against our proposed timeline can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the **2025** baseline. The carbon emission reduction achieved by these schemes equate to **0 tCO₂e**, a **0%**ge reduction against the **2025** baseline and the measures will be in effect when performing the contract

As this is our first carbon footprint assessment and we have no completed carbon reduction projects.

Future carbon reduction initiatives

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

Net Zero 2050 – Long Term Key Strategy Items

Scope 1: Direct energy and processes

Transition to 100% renewable gas supplier (Biogas)

Increase office building thermal performance / lease new office with measured sustainable elements (BREEAM rating etc)

Use of smart heating controls and occupancy sensors

TARGET: 0% carbon emissions by 2045

Scope 2: Indirect impact from electricity

Complete transition to 100% Renewable Energy Supplier for 100% renewable electricity

TARGET: 0% carbon emissions by 2045

Scope 3: Purchased Goods

Extend laptop / desktop lifespans to 4–5 years.

Buy from suppliers with circular economy or refurbished hardware options.

Use cloud services powered by renewable energy (e.g. Google Cloud, Microsoft Azure).

TARGET: Less than 20% of current emissions by 2045 – 0.76 tCO₂e

Scope 3: Waste & Resources

Zero to landfill by 2030.

Paperless operations (digital markups, e-submissions).

Partner with recycling firms for office waste

TARGET: 0% carbon emissions by 2045

Scope 3: Business Travel - Car

Reduce car travel

Encourage train-first policy for business trips.

Promote and encourage use of EVs or car-sharing apps.

Promote and expand use video conferencing for client and consultant meetings

TARGET: Less than 25% of current emissions by 2045 – 0.72 tCO₂e

Scope 3: Employee Commuting

Offer hybrid working (2–3 days/week at home).

Incentivise EV use, bike-to-work schemes, public transport cards.

Provide charging points at office / car parking

TARGET: Less than 25% of current emissions by 2045 – 2.1 tCO₂e

Scope 3: Pensions & Investments

Complete transition company pension schemes to low-carbon funds.

TARGET: Less than 25% of current emissions by 2045 – 0.5 tCO₂e

Final Step: 2045-2050 Offset Residual Emissions

When all practical reductions as highlighted above are made (Scope 1–3), residuals carbon emission target should be < 5 tCO₂e for the office. this will be offset using verified carbon removals purchases.

2050 NET ZERO

Next review due: January 2026

Declaration and Sign Off

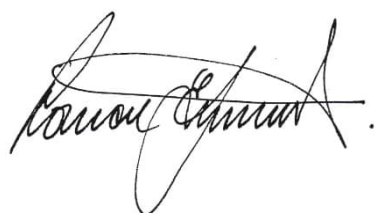
This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard 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:



Role: Director

Date: 26th September 2025