

# Carbon Reduction Plan - 2025

Supplier name: Strzala Architects Ltd

Publication date: 30<sup>th</sup> January 2026

## 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.

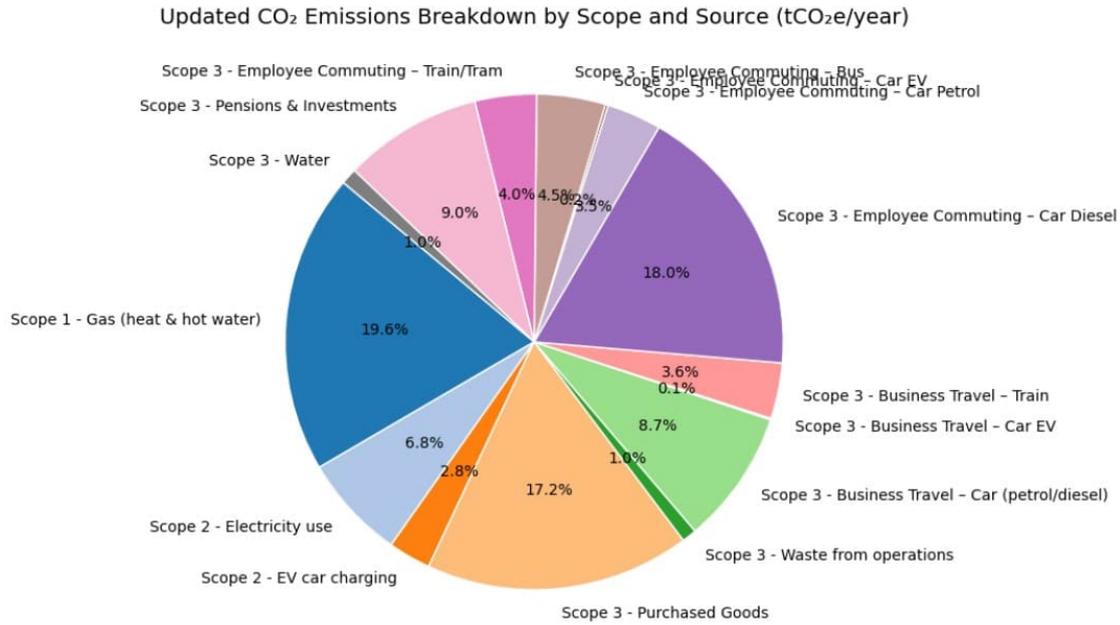
<b>Baseline Year: 2024 – First Reporting Period</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
First reporting period using data from January 2024 to December 2024 calculated September 2025. This has been established as our baseline. Main Office carbon assessment data.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>4.30 tCO<sub>2</sub>e</b>
<b>Scope 2</b>	<b>1.50 tCO<sub>2</sub>e</b>
<b>Scope 3</b>	<b>18.18 tCO<sub>2</sub>e</b>
<b>Total Emissions</b>	<b>23.98 tCO<sub>2</sub>e</b>

**Current Emissions Reporting: January 2025 – December 2025**

<b>Reporting Year: 2025</b>																	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>																
<b>Scope 1</b>	<b>4.30 tCO<sub>2</sub>e</b> (direct energy and processes)																
<b>Scope 2</b>	<b><u>Total: 2.11 tCO<sub>2</sub>e</u></b> <b>1.50 tCO<sub>2</sub>e</b> (indirect impact from electricity) <b>0.61 tCO<sub>2</sub>e</b> (provision for EV car charging – business and commuting)																
<b>Scope 3 (Included Sources)</b>	<p><b><u>Total: 15.58 tCO<sub>2</sub>e comprising: -</u></b></p> <p><b><u>3.78 tCO<sub>2</sub>e Purchased Goods</u></b> (allowance for yearly desktop (350 kg CO<sub>2</sub>e) / laptop (200 kg CO<sub>2</sub>e) renewals – embodied emissions)</p> <p><b><u>0.21 tCO<sub>2</sub>e Waste from operations</u></b></p> <table border="1"> <thead> <tr> <th>Waste stream</th> <th>Tonnes</th> <th>Factor (kgCO<sub>2</sub>e/t)</th> <th>Emissions (kgCO<sub>2</sub>e)</th> </tr> </thead> <tbody> <tr> <td>Landfill</td> <td>0.405</td> <td>421</td> <td>170.5</td> </tr> <tr> <td>Recycling</td> <td>1.305</td> <td>21</td> <td>27.4</td> </tr> <tr> <td>Incineration</td> <td>0.15</td> <td>44</td> <td>6.6</td> </tr> </tbody> </table> <p style="text-align: right;"><b>Total kg CO<sub>2</sub>e/year: 204.5</b></p> <p><b><u>1.92 tCO<sub>2</sub>e Business Travel– Car</u></b> (combined petrol and diesel use for average 6000 miles for year) Petrol Car: Medium size, average 3000miles = 0.95 tCO<sub>2</sub>e/year Diesel Car: SUV size, average 3000miles. = 0.97 tCO<sub>2</sub>e/year</p> <p><b><u>0.02 tCO<sub>2</sub>e Business Travel– Car (EV)</u></b> (EV average 3000 miles for year)</p>	Waste stream	Tonnes	Factor (kgCO <sub>2</sub> e/t)	Emissions (kgCO <sub>2</sub> e)	Landfill	0.405	421	170.5	Recycling	1.305	21	27.4	Incineration	0.15	44	6.6
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	<p>EV Car: Medium size, average 3000miles = 0.02 tCO<sub>2</sub>e/year</p> <p><b><u>0.80 tCO<sub>2</sub>e Business Travel– Train</u></b> (main travel type used for business 12,000 miles) Average miles 12,000. Factor: 0.041 kg CO<sub>2</sub>e/km = 0.80 tCO<sub>2</sub>e</p> <p><b><u>4.78 tCO<sub>2</sub>e Employee Commuting– Car</u></b> Petrol Car: Medium size, 2,400miles. Factor – 2.88kg CO<sub>2</sub>e/litre = 0.78 tCO<sub>2</sub>e/year Diesel Car: SUV size, 12,480miles. Factor – 3.29 kg CO<sub>2</sub>e/litre = 3.96 tCO<sub>2</sub>e/year EV Car: Medium size, 5280miles. Factor - 0.00384 kg CO<sub>2</sub>e per km = 0.033 tCO<sub>2</sub>e/year rounded up to 0.04 tCO<sub>2</sub>e/year</p> <p><b><u>0.98 tCO<sub>2</sub>e Employee Commuting– Bus</u></b> 5,760miles per year. Factor – 0.105 kg CO<sub>2</sub>e/pkm = 0.98 tCO<sub>2</sub>e/year</p> <p><b><u>0.88 tCO<sub>2</sub>e Employee Commuting– Train / Tram</u></b> Tram: 4,560miles per year. Factor – 0.066 kgCO<sub>2</sub>e/pkm = 0.56 tCO<sub>2</sub>e/year Train: 4,800miles per year. Factor – 0.0.041 kgCO<sub>2</sub>e/pkm = 0.32 tCO<sub>2</sub>e/year</p> <p><b><u>1.98 tCO<sub>2</sub>e Pension and investment</u></b> (based on average 5% each employee investment and conventional global equity fund)</p> <p><b><u>0.23 tCO<sub>2</sub>e Office Water consumption</u></b> 18.25 m<sup>3</sup>/person/year based on 50litres per day. Factor for water supply (0.344 kg CO<sub>2</sub>e/m<sup>3</sup>) and wastewater treatment (0.708 kg CO<sub>2</sub>e/m<sup>3</sup>) Total Factor: 1.052 kg CO<sub>2</sub>e per m<sup>3</sup>. 18.25 m<sup>3</sup> × 1.052 = 19.18 kg CO<sub>2</sub>e / person / year. Tonnes: 230.16 ÷ 1000 = 0.23 tCO<sub>2</sub>e/year</p>
<b>Total Emissions</b>	<b>21.99 tCO<sub>2</sub>e</b>

**Summary Chart of Baseline Data:**



**2024 2025 Summary:**

**Scope 1:**

Gas related emissions have remained unchanged during the last reporting period due to an existing long-term energy supply and building services contract. This contract limits our ability to alter the fuel type or building heating systems in the short term. As a result, no material reduction in gas consumption could be achieved during this period, despite ongoing monitoring and efficiency awareness measures. Opportunities for reduction will be reviewed at the point of contract renewal, which is expected to take place in 2027.

**Scope 2:**

As with the above Gas related emissions, our electricity related emissions have remained unchanged during the last reporting period due to an existing long-term electricity supply contract. Opportunities for reduction will be reviewed at the point of contract renewal, which is expected to take place in 2027.

During the last reporting period, the provision for electric vehicle (EV) use was introduced, resulting in additional electricity consumption reported under Scope 2. This reflects a transition away from the use of diesel & petrol vehicle use and supports longer-term emissions reduction objectives. While this has led to a marginal increase in Scope 2 electricity demand in the short term, it is expected to contribute to an overall reduction in transport-related emissions as EV adoption increases.

**Scope 3:**

During the last reporting period, Scope 3 emissions reductions were achieved through two key initiatives. The introduction of electric vehicles (EVs) for business and commuting use has reduced diesel and petrol-related transport emissions, contributing to a measurable decrease in overall Scope 3 carbon. In parallel, minor improvements were made in emissions associated with waste from operations, driven by increased recycling and better segregation, which has reduced the proportion of waste sent to landfill. These initiatives demonstrate progress in reducing indirect emissions and highlight opportunities for further reductions through expanded EV adoption and ongoing waste management improvements.

**Short Term 2030 Target Progress:**

We have undertaken a commitment to reduce carbon emissions to 16.41 tCO<sub>2</sub>e (31.6%) by 2030 as an intermediate step towards Net Zero by 2050. Our 2024 baseline emissions of 23.98 tCO<sub>2</sub>e would need to reduce by an average of 6.32% per year over this five-year period. This equates to an average annual reduction of 1.52 tCO<sub>2</sub>e. Therefore, the target minimum emissions level by the end of 2025 is 22.46 tCO<sub>2</sub>e (23.98 – 1.52 tCO<sub>2</sub>e).

**2024 to 2025 Target Reduction: 22.46 tCO<sub>2</sub>e (6.32%)**

**2024 to 2025 Actual Reduction: 21.99 tCO<sub>2</sub>e (8.3%)**

Whilst this exceeds our annual target reduction, further work is required to maintain progress towards our 2030 target of **16.41 tCO<sub>2</sub>e**.

**Emissions reduction targets for next period:**

January 2027:

1. Support and formally record increased hybrid working activities so that associated emissions reductions can be quantified in the next reporting period, where principles have been established and are in use by staff.
2. Incentivise staff to transition to electric vehicles for both commuting and business travel.
3. Encourage the use of public transport for staff commuting where feasible.
4. Review the carbon footprint of purchased goods and services and seek emissions reductions and/or offsets from new suppliers.

Live Targets for January to December 2026:

**2025 to 2026 TARGET Reduction: 20.94tCO<sub>2</sub>e Percentage 12.7%**

**Strzala Architects Short Term Emissions Reduction Targets – By 2030**

Progress Summary: End of 2025

	<b>Current period reduction</b>
	<b>Additional eg EV charging</b>
	<b>Current period – no change</b>

Scope / Source	Target Reduction Strategy	2024 Baseline (tCO <sub>2</sub> e)	2025 Actual (tCO <sub>2</sub> e)	2025 Actual % Reduction	2030 Target (tCO <sub>2</sub> e)
Scope 1 – Gas	Switch to Energy Supplier promoting renewable / low carbon energy	4.3	4.3	0%	3.65
Scope 2 – Electricity	Transition to 100% renewable electricity	1.5	1.5	0%	0.75
	EV Car Charging	0	0.61	N/A	N/A
Scope 3 – Purchased Goods	Extend lifetime of equipment, choose low-carbon suppliers with end of lift recycling	3.78	3.78	0%	2.65
Scope 3 – Waste	Improve recycling and waste management	0.22	0.21	9.5%	0.10
Scope 3 – Business Travel - Car	Car: Average 8000 miles for year. Promote use of EV cars	2.89	1.94	32.9%	2.47
Scope 3 – Business Travel - Train	No change proposed	0.80	0.80	0%	0.8
Scope 3 – Employee Commuting - Car	Car: Incentivise and promote EV, hybrid, car-sharing, or public transport use = 3.85 – Note: total calculation figure below of 3.08 and not 3.85	6.42	4.78	25.5%	3.85

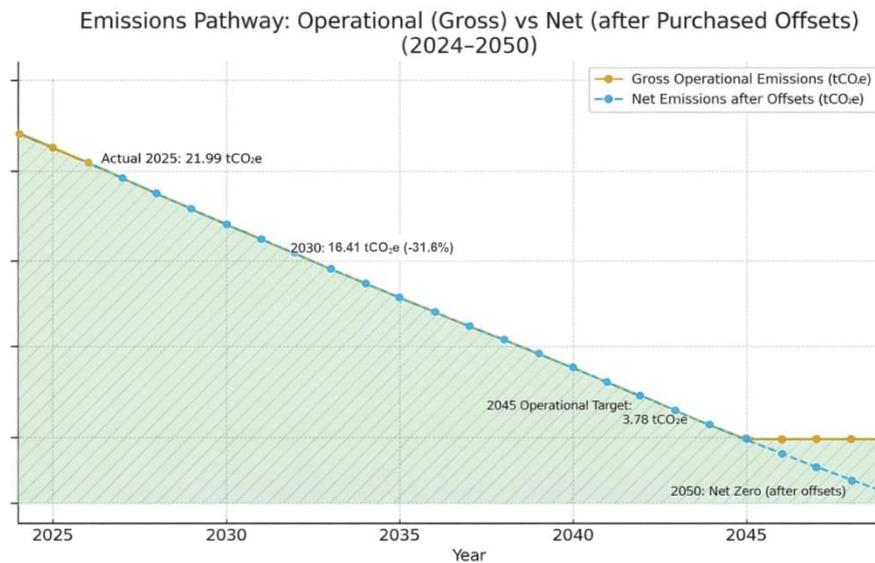
Scope 3 - Employee Commuting - Car	Car: Promote Hybrid Working from home policies to help reduce commuting - 1 day per working week (above Employee Commuting figure of 3.85 reduced to 3.08)	N/A	N/A	N/A	3.08
Scope 3 - Employee Commuting - Bus	Bus: Promote Hybrid Working from home policies to help reduce commuting - 1 day per working week	0.98	0.98	0%	0.78
Scope 3 - Employee Commuting - Train	Tram / Train: Promote Hybrid Working from home policies to help reduce commuting - 1 day per working week	0.88	0.88	0%	0.70
Scope 3 - Pensions	Transition to low-carbon equity / green funds	1.98	1.98	0%	1.20
Scope 3 – Office Water Consumption	No change proposed	0.23	0.32	0%	0.23
	<b>1<sup>st</sup> Year Baseline Emissions</b>	<b>23.98 tCO<sub>2</sub>e</b>			
	<b>End of 2025 Actual Emissions</b>		<b>21.99 tCO<sub>2</sub>e</b>	<b>8.3%</b>	
	<b>End of 2030 Emissions Target</b>				<b>16.41 tCO<sub>2</sub>e</b>
	<b>5 Year Plan Emissions % Reduction</b>				<b>31.6%</b>

Notes:

Scope 1 Gas (direct energy and processes) and 2 (indirect impact from electricity) reductions target during 2027 to suit end of contract period where new Green Supplier will be sourced to provide main target reduction.

Scope 2 increases for EV Car Charging will increase, original target reduction of 16.41 tCO<sub>2</sub>e to be maintained and offset assessed during each review period.

Emission Reduction Targets against our proposed timeline with 2025 actual data added, can be seen in the graph below:



## Carbon Reduction Projects

### 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**

EV Car charging provision to be assessed each period and included within calculation to maintain overall carbon emission reduction targets

#### 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 tCO<sub>2</sub>e**

**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 tCO<sub>2</sub>e**

**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 tCO<sub>2</sub>e**

**Scope 3: Pensions & Investments**

Complete transition company pension schemes to low-carbon funds.

**TARGET: Less than 25% of current emissions by 2045 – 0.5 tCO<sub>2</sub>e**

**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 tCO<sub>2</sub>e for the office. this will be offset using verified carbon removals purchases.

**2050 NET ZERO****Next review due: January 2027****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:**

Name: Roman Strzala

Role: Director

Date: 30<sup>th</sup> January 2026