

Carbon Reduction Plan

1 - Company Details

Company Name:	SB Construction (Design & Build) Ltd
Publication Date:	02.07.26
Version Number:	2

2 - Net Zero Commitment

SB Construction (Design & Build) Ltd is committed to achieving net zero emissions by 2050.

3 - Baseline Year 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.

4 - Baseline Year (2025)

Data has been taken from last financial year of 1st December 2024 to 30th November 2025 as SB Construction has not previously assessed or reported emissions.

The following formula has been used:

Activity Data x Emission Factor = Total Emissions (kgCO₂e)

To convert the final figure into tonnes for our Carbon Reduction Plan, we divided the result by 1000.

The UK government conversion factors for company reporting of greenhouse gas emissions has been used.

Scope 1 - Total litres of fuel used and total kWh of electricity used for company car business trips.
(This data is taken directly from Allstar – the business fuel card provider)

Fuel (litres)	17,003 litres	42.71 tonnes of CO ₂ e
Electricity (kWh)	14,237 kWh	2.95 tonnes of CO ₂ e
Carbon Impact	45.66 tonnes of CO ₂ e	

Scope 2 – Total kWh of electricity consumed at our office.

(This data is taken using the 'Micro Business Average'. According to UK commercial energy consumption statistics, a business with 10 employees uses an average of 5,000 to 15,000 kWh of electricity per year)

Electricity Estimate (kWh)	10,000 kWh (exact midpoint between 5,000 and 15,000 kWh)
Carbon Impact	2.07 tonnes of CO ₂ e

Scope 3 – Waste generated in operations (site waste; included source)

(This data is taken directly from the 'GoGreen Portal' – our business waste carrier broker)

Waste Taken (tonnes)	1,270.57 tonnes (of which 83.22% was recycled)
Carbon Impact	38.48 tonnes of CO ₂ e

Baseline Year Total Emissions (2025)

Emissions	Total (tCO₂e)
Scope 1	45.66
Scope 2	2.07
Scope 3 (included sources)	38.48
Total Emissions	86.21 tCO₂e

5 - Current Emission Reporting Year (2026)

Data has been taken from 1st June 2025 to 31st May 2026

Scope 1 - Total litres of fuel used and total kWh of electricity used for company car business trips. <i>(This data is taken directly from Allstar – the business fuel card provider)</i>		
Fuel (litres)	15,051	40.38 tonnes of CO ₂ e
Electricity (kWh)	20,637	2.97 tonnes of CO ₂ e
Carbon Impact	43.35 tonnes of CO ₂ e	

Scope 2 – Total kWh of electricity consumed at our office. <i>(This data is taken using the 'Micro Business Average'. According to UK commercial energy consumption statistics, a business with 10 employees uses an average of 5,000 to 15,000 kWh of electricity per year)</i>	
Electricity Estimate (kWh)	10,000 kWh (exact midpoint between 5,000 and 15,000 kWh)
Carbon Impact	2.07 tonnes of CO ₂ e

Scope 3 – Waste generated in operations (site waste; included source) <i>(This data is taken directly from the 'GoGreen Portal' – our business waste carrier broker)</i>	
Waste Taken (tonnes)	1,260.65 tonnes (of which 88% was recycled)
Carbon Impact	34.91 tonnes of CO ₂ e

Current Year Total Emissions (2026)	
Emissions	Total (tCO₂e)
Scope 1	43.35
Scope 2	2.07
Scope 3 (included sources)	34.91
Total Emissions	80.33 tCO₂e

6 - Emissions Reduction Targets

To continue our progress to achieving net zero, we have adopted the following carbon reduction targets:

Vehicle Emissions

1. Moving employees to electric vehicles.
2. Reduce journeys required by sourcing local overnight accommodation for employees.
3. Continue use of GoGreen waste broker to minimise waste transfer vehicle movements (locally sourced suppliers).
4. Company vehicles will be well serviced and maintained.
5. Use local suppliers where possible for materials and labour.
6. Use public transport if reasonably practicable.

Energy Management

1. Use of LED lights on sites
2. Use of motion sensors (PIR's) in welfare units (where possible).
3. Switch off lights and other IT equipment at the end of the working day and weekend (head office and building sites).
4. Using battery powered tools instead of petrol equipment, where practical.

Sustainable Procurement

1. Use of sustainably sourced timber (PEFC / FSC)
2. Recycled aggregates.
3. Insulation with recycled content.

Waste Reduction

1. Ordering accurately.
2. Re-use of materials, where possible.
3. Separating waste on site.
4. Returning unused materials.
5. Recycling of plasterboard, metal and cardboard/paper.
6. Utilising our paperless site management procedures (Procore, SwipedOn, Induct For Work)

Staff Training

1. Educate staff on various aspects of emission reduction such as:
 - a. Switching off equipment
 - b. Efficient driving
 - c. Waste segregation and recycling
 - d. Preventing material waste

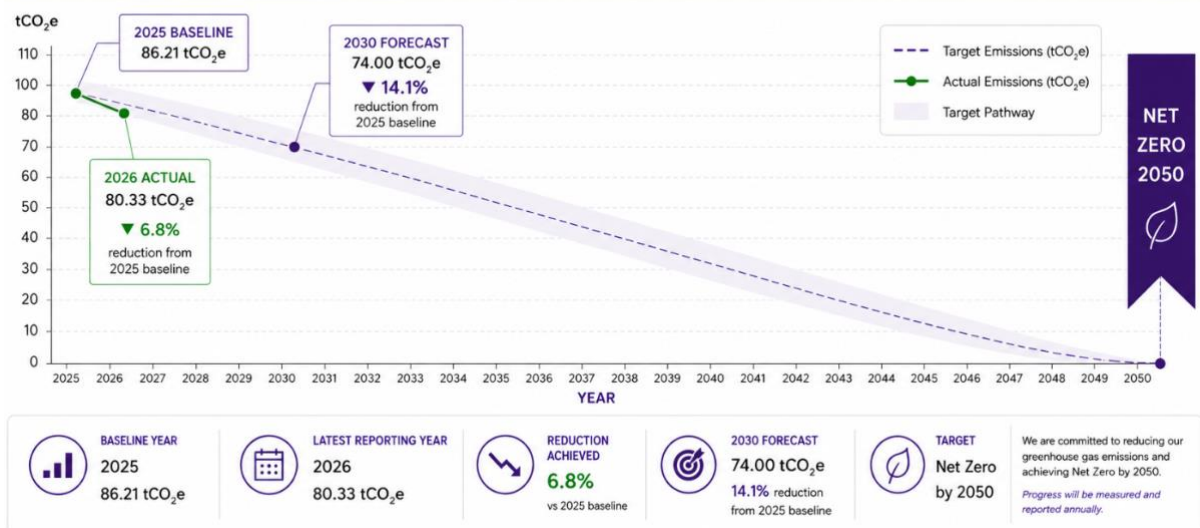
7 – Projections

We project that carbon emissions will decrease over the next five years to 74 tCO₂e by 2030. This is a projected reduction of 14.16%.

CARBON REDUCTION PLAN

TARGET VS ACTUAL EMISSIONS

Our commitment to achieving Net Zero by 2050



8 – Carbon Reduction Projects

Since the 2024/2025 baseline, the following measures have reduced emissions by 5.88 tCO₂e (6.82%) and apply across all projects and offices:

1. More employees using electric vehicles.
2. Recycling and segregating waste on site.
3. Management and monitoring of our site's and offices environmental management / performance with Environmental Audits.
4. Switching to a paperless management system (Procore, SwipedOn, Induct For Work).
5. Obtaining ISO14001 – Environmental Management.

9 – Future Carbon Reduction Initiatives

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

1. Improved segregation and management of waste being removed from our sites. We will engage our waste broker GoGreen at the start of each project who will advise us on an effective waste management plan dependent on the type of waste we will be generating.
2. Further improvement of our paperless management system.
3. Conversion to cleaner plant and equipment (hybrid or electric) – where practical.

10 – 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 standard¹³ and uses the appropriate government emissions conversion factors for greenhouse gas company reporting.¹⁴

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required). Scope 3 currently covers waste generated in operations. Other applicable Scope 3 categories will be reviewed for future reporting as reliable data becomes available, with reference to the Corporate Value Chain (Scope 3) Standard.¹⁵

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed:	
Date:	02.07.26
For and on behalf of SB Construction (Design & Build) Ltd	
Scott Appleford – Commercial Director	

¹³ <https://ghgprotocol.org/corporate-standard>

¹⁴ www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

¹⁵ <https://ghgprotocol.org/standards/scope-3-standard>