



PROCAST

PROCAST BUILDING CONTRACTORS LTD Carbon Reduction Plan

Commitment to Net Zero by 2050

Supplier: Procast Building Contractors Ltd

Publication date: 12/01/2026

Commitment to Achieving Net Zero

Procast Building Contractors Ltd is committed to achieving Net Zero greenhouse gas emissions across its operations by 2050, in line with the UK and Scottish Government statutory targets.

As a family-owned Scottish contractor specialising in energy efficiency retrofit, external wall insulation, renewable energy installation and social housing refurbishment, decarbonisation is central to both our service offering and the way we run our own business.

While our formal procurement commitment is Net Zero by 2050, we are pursuing a more ambitious internal trajectory and are working towards substantial reductions well ahead of that date through fleet electrification, renewable energy generation at our own premises, and supply chain engagement. This Carbon Reduction Plan sets out our measured emissions, our reduction targets, and the projects through which those targets will be delivered.

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: April 2023 – March 2024

Additional details relating to the Baseline Emissions calculations

Procast has adopted the financial year April 2023 – March 2024 as its baseline reporting period. Emissions have been calculated using the Greenhouse Gas Reporting Protocol — corporate standard — and applying the latest UK Government emission conversion factors for greenhouse gas company reporting available at the time of calculation.

Scope 1 and Scope 2 emissions have been compiled from primary activity data, including fuel card records for the operational fleet, metered electricity consumption and gas consumption across the Hamilton, Aberdeen, West Lothian and Cumbria offices.

Procast has included all categories of the mandatory Scope 3 subset required under PPN 06/21 (categories 4, 5, 6, 7 and 9), and additionally voluntarily reports Scope 3 Category 3 (Fuel- and Energy-Related Activities) to provide a more complete view. Our carbon footprint will continue to be measured and reported annually and we will progressively widen the Scope 3 boundary to include purchased goods and materials, working with our supply chain on carbon reduction.

Baseline Year Emissions: April 2023 – March 2024

EMISSIONS SOURCE	CATEGORY	tCO ₂ e
Scope 1 — direct emissions		745.32
Fuel usage — owned fleet (diesel/petrol)	Scope 1	739.81
Fuel usage — building heating (residual gas)	Scope 1	5.51
Scope 2 — indirect emissions from purchased energy		1,082.47
Electricity (light and power)	Scope 2	1,082.47
Scope 3 — required subset		414.85
Electricity — transmission & distribution losses (not in Scope 2)	Cat. 3	95.26
Well-to-tank — fleet fuel (not in Scope 1)	Cat. 3	138.05
Well-to-tank — heating fuel (not in Scope 1)	Cat. 3	0.91
Upstream transportation and distribution	Cat. 4	32.50
Waste generated in operations	Cat. 5	18.75
Business travel	Cat. 6	75.18
Employee commuting (including home working)	Cat. 7	54.20
Downstream transportation and distribution	Cat. 9	0.00 (<i>not material</i>)
TOTAL EMISSIONS		2,242.64

Reporting Year Emissions

Reporting Year: April 2024 – March 2025

Additional details relating to the Reporting Year Emissions calculations

Reductions against the baseline reflect ongoing fleet renewal towards lower-emission and electric vehicles, route optimisation enabled by the company's telematics platform, energy efficiency measures at company premises (including the air source heat pump installation at Hamilton head office), and increased operational waste segregation and landfill diversion. The reporting year emissions have been calculated on the same methodological basis as the baseline to ensure a like-for-like comparison.

Reporting Year Emissions: April 2024 – March 2025

EMISSIONS SOURCE	CATEGORY	tCO ₂ e
Scope 1 — direct emissions		598.41
Fuel usage — owned fleet (diesel/petrol)	Scope 1	593.20
Fuel usage — building heating (residual gas)	Scope 1	5.21
Scope 2 — indirect emissions from purchased energy		863.47
Electricity (light and power)	Scope 2	863.47
Scope 3 — required subset		351.85

EMISSIONS SOURCE	CATEGORY	tCO ₂ e
Electricity — transmission & distribution losses (not in Scope 2)	Cat. 3	76.02
Well-to-tank — fleet fuel (not in Scope 1)	Cat. 3	110.61
Well-to-tank — heating fuel (not in Scope 1)	Cat. 3	0.86
Upstream transportation and distribution	Cat. 4	29.50
Waste generated in operations	Cat. 5	16.25
Business travel	Cat. 6	64.18
Employee commuting (including home working)	Cat. 7	54.43
Downstream transportation and distribution	Cat. 9	0.00 (not material)
TOTAL EMISSIONS		1,813.73

Emissions Reduction Targets

In order to achieve Net Zero by 2050, Procast has adopted the following carbon reduction trajectory against the 2023/24 baseline. Progress will be reviewed annually and plotted against these milestones, with targets re-based where the Scope 3 measurement boundary is widened.

MILESTONE	PROJECTED TOTAL EMISSIONS (tCO ₂ e)	REDUCTION FROM BASELINE
Baseline 2023/24	2,242.64	Baseline year
Reporting year 2024/25	1,813.73	19%
2029/30	1,233.45	45%
2034/35	784.92	65%
2039/40	448.53	80%
2044/45	224.26	90%
2049/50	Net Zero	100% (residual offset)

Carbon Reduction Projects

Procast is committed to regularly assessing its carbon footprint and identifying viable options to reduce it. The following completed and planned measures, combined with continued supply chain engagement, will deliver the trajectory set out above.

Completed and current initiatives

- ISO 14001 certified Environmental Management System governing operational environmental performance, alongside ISO 9001 and ISO 45001.
- PAS 2035 and PAS 2030 accreditation for domestic retrofit, ensuring quality and embodied-carbon-aware delivery.
- Air source heat pump installed at Hamilton head office, displacing fossil-fuel heating.
- Vehicle fleet partially electrified, supported by telematics-based route optimisation to reduce fuel use and business mileage.
- Directly employed workforce and in-house delivery model, reducing subcontracted travel and rework.
- LED lighting and presence-sensor controls progressively rolled out across company premises.
- Operational waste segregation and landfill diversion across project sites.
- 'Think local' procurement approach, prioritising suppliers within reasonable distance of Procast offices and project sites.

Planned initiatives for the next 12–24 months

- Completion of an 86.4 kW DC roof-mounted solar PV array (216 × 400 W panels, 50 kW inverter) with battery storage at Hamilton head office.
- External wall insulation installation to company premises to reduce operational heat demand.
- Progressive electrification of the remaining vehicle fleet, with charging infrastructure at principal offices and project sites.
- Switch to a certified 100% renewable electricity tariff across all facilities.
- Development and implementation of a formal Sustainable Travel Policy to promote lower-carbon transport for business travel and commuting.
- Supplier sustainability engagement, requiring environmental credentials and emissions data from key subcontractors and material suppliers.
- Expansion of the Scope 3 measurement boundary to capture purchased goods and services, capital goods and material flows.
- Carbon reduction training programme for staff to embed carbon-conscious practices in day-to-day decision making.

Long-term measures (towards 2050)

- Full transition to a zero-emission operational fleet, including light commercial vehicles and small plant.
- Phased decarbonisation of remaining gas-fired heating across all premises.
- Development of closed-loop material reuse systems for retrofit components where technically feasible.
- Verified carbon offsetting of any residual emissions in the final phase to reach Net Zero by 2050.

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 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 of Procast Building Contractors Ltd.

Signed on behalf of Procast Building Contractors Ltd:



Name: Gavin Oxenham _____ Position: General Manager _____

Date: 12/01/2026