



SENCAT LTD
combining all trades

Carbon Reduction Plan



LGS
Lancashire Gas Services

Carbon Reduction Plan

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Executive Summary

Lancashire Gas Services & Sencat Ltd are committed to achieving Net Zero emissions by 2050.

Baseline emissions

Baseline emissions are a record of the greenhouse gases that have been produced in the past and 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: 2023	
Additional details relating to the Baseline Emissions calculations	
Baseline emissions are taken from actual 2023 data with an uplift of 23% to account for an increase in fleet size due to significant growth. Recent changes and a restructuring within the business have prompted employing multiple managers to assist in the transition.	

Baseline year emissions:	
Emissions	Total (tCO ₂ e)
Scope 1	735
Scope 2	31
Scope 3	TBC
Total Emissions	766

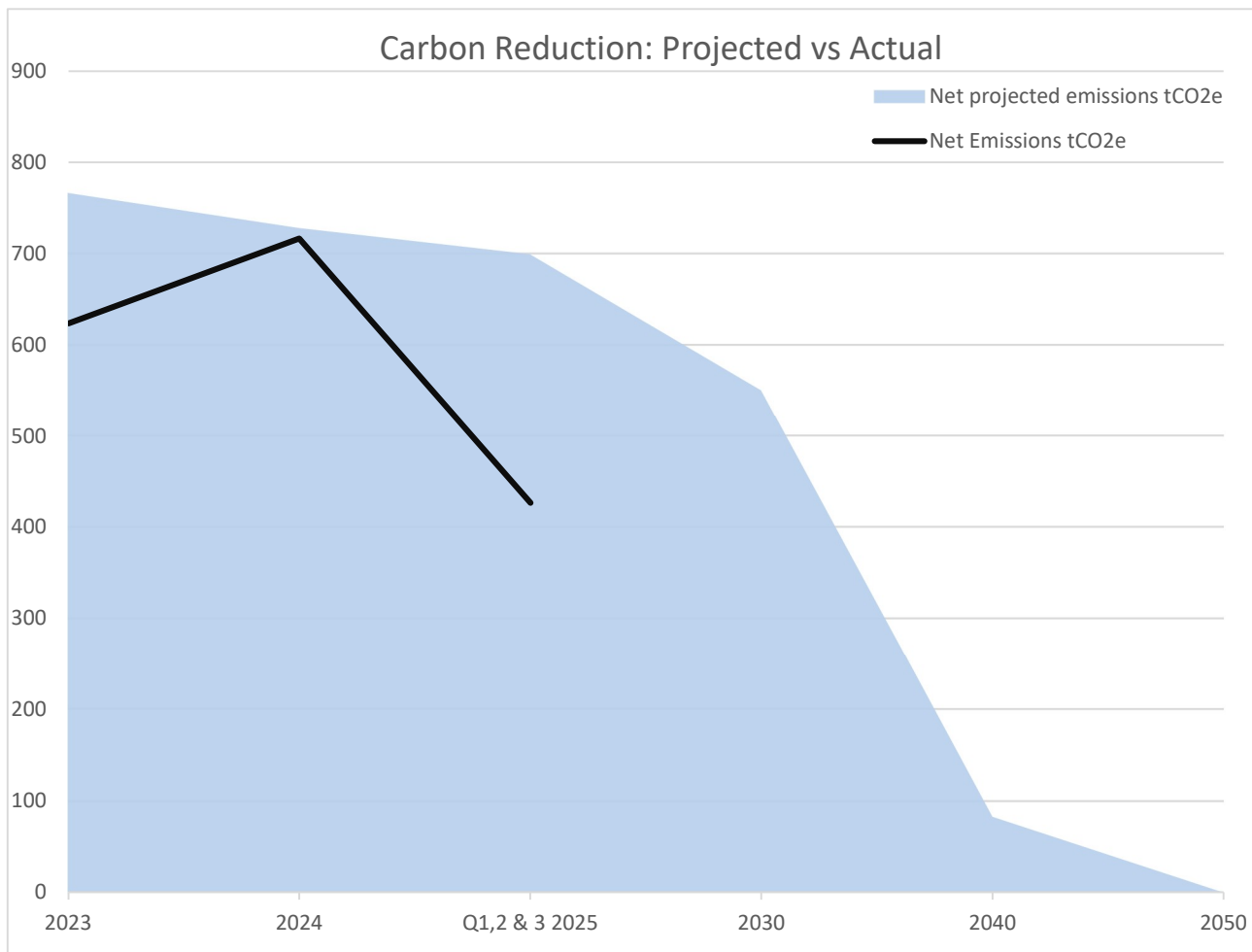
Current emissions reporting

Reporting Year: January to September 2025	
Emissions	Total (tCO ₂ e)
Scope 1	427
Scope 2	3
Scope 3	3.6
Total Emissions	433

Strategy for reducing emissions

To continue our progress towards achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 550tCO₂e by 2030. This is a reduction of 25% against the baseline year.



Projected Carbon Reduction:

The following environmental management measures and projects have been completed or implemented since 2023 baseline.

- Transition of 15 contract managers from ICE vehicles to EV vehicles moving the above 1.132tCO₂e
- Accreditation of ISO14001
- Implemented additional waste bins throughout the office
- Recycling of all wastepaper and carboard
- Purchasing of REGO backed green energy
- Implemented a vehicle share scheme when multiple engineers are working on the same job
- Implemented a new driver behaviour process to reduce speeding alerts by 33.66% within 9 months of the year to reduce fuel consumption
- Digitisation of processes and the transition to electronic documentation to reduce paper usage.
- Trained 2 managers as driver assessors to promote safe and efficient driving for employees
- Vehicle maintenance is complete at roadside or at a local garage to reduce travelling

- Office expansion completed with electrically sourced heating and cooling
- Digitisation and more electronic administration to reduce the amount of paper being produced
- Carbon offsetting with our fuel card provider as part of a carbon offset towards two projects which are below:
 - **Vishnuprayag Hydro-Electric Project**- A 4 x 100 MW Run-of-the-River Project, utilising the water from the river Alaknanda. It will reduce anthropogenic Green House Gases (GHG) emissions that would have been generated to supply power to grid using fossil fuel.
 - **Mai Ndombe REDD+ Project**- Located in western DRC, Africa, it will protect 248,956 hectares of forest from industrial logging, unsustainable fuel wood extraction and slash and burn agriculture. The project is estimated to deliver over 175MT CO2-e over 30 years.

Future Carbon Reduction Initiatives

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

- Increasing carbon offsetting of fuel emissions year on year
- Replace remaining gas heating with green electrical heating
- Undertake a feasibility study to evaluate expanding the electric vehicle fleet
- Increased monitoring of company waste to evaluate any opportunities for reductions

Monitoring and Evaluation

Sencat will hold quarterly meetings to review progress and future initiatives. This Plan will be reviewed at least annually.

Communication and engagement

Our Carbon Reduction Plan is published online annually, and staff and customers will be sent ongoing communication to drive carbon reductions.

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.

Scope 1 and scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of scope 3 emissions has 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).




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Signature	Name
	Mr Chris Barnes
Date	Title
12 th March 2025	Managing Director