



CARBON REDUCTION PLAN

April 2023 | PPN 06/21



COMMITMENT TO ACHIEVING NET ZERO

Elanworth Limited is unwavering in its dedication to achieving Net Zero carbon emissions by 2045, setting a bold benchmark that aligns with the UK Government's ambitious 2050 target. Recognizing the pressing need to address climate change, we have developed a comprehensive Carbon Reduction Plan that embodies our commitment to environmental stewardship and sustainability.

This plan is a roadmap of actionable strategies designed to transition our operations and services towards carbon neutrality. By prioritizing investments in renewable energy technologies and energy-efficient solutions, we aim to lead by example in reducing our carbon footprint. Our efforts include the adoption of solar photovoltaic (PV) systems, air-source heat pumps, and other innovative renewable energy sources to power our facilities and support the broader shift towards sustainable energy usage.

In collaboration with domestic property owners and community stakeholders, we are expanding retrofitting services to enhance the energy efficiency of homes and reduce their environmental impact. From external wall insulation to smart heating controls, these initiatives are projected to cut thousands of tonnes of CO2 equivalent emissions annually.

Elanworth Limited views this journey as more than just a corporate goal; it is a collective mission to foster a sustainable future. Through transparency, accountability, and regular progress assessments, we are determined to make meaningful contributions to global climate goals while fostering a legacy of innovation and responsibility. Together with our partners and clients, we strive to create a healthier planet for generations to come.



Air Source Heat Pumps

An air source heat pump transfers heat from outside air to water, for heating radiators & hot provide water for taps, showers, and baths.



Draught Proofing

Draught proofing, sealing gaps, leaks around windows, doors & other areas to prevent cold air from entering & warm air from escaping.



Cavity Wall Insulation

Cavity wall insulation filling of the gap between the two layers of a wall with insulating material to reduce heat loss through walls.



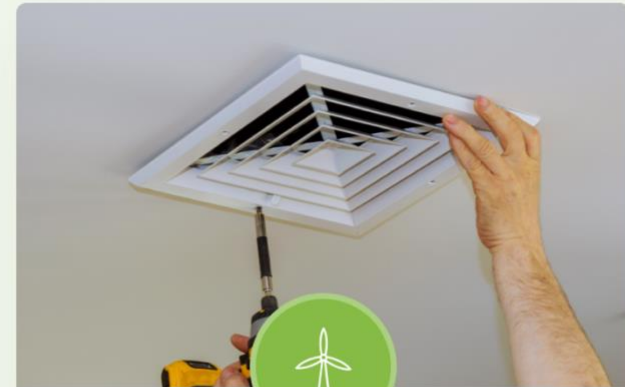
Solar Photovoltaic System

We drive the transition to more sustainable, reliable & affordable energy systems. With our innovative technologies.



Underfloor Insulation

Reduce heat loss through the floor insulation can help lower your energy bills and increase the comfort of your home.



Ventilation Improvement

Ventilation for improved air quality and indoor comfort. Preventing condensation and mould growth in your home.

Carbon Reduction Plan

Reporting period: 2024

Published: 04 December 2024

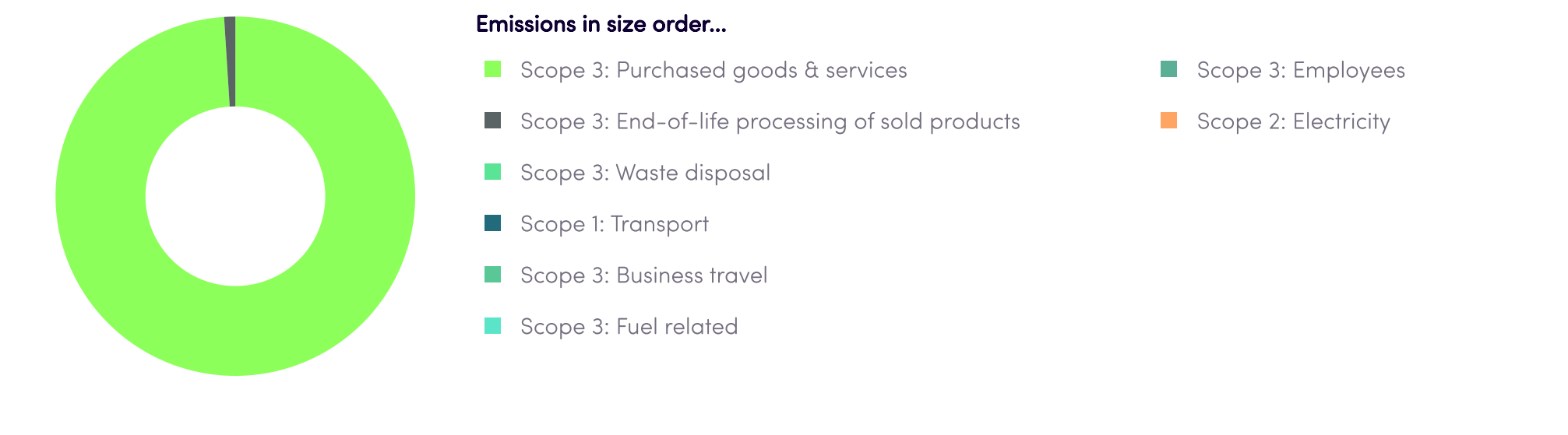
Elanworth Limited t/a Next Recycle is committed to net zero scope 1, 2 & 3 emissions by 2035

We have developed a detailed plan for reducing carbon emissions, aligning with the protocols set by the Science-Based Targets initiative (SBTi) and ISO Net Zero Guidelines (IWA 42:2022). This document is our roadmap to reach net zero, outlining the strategic measures and initiatives we will implement to reach this goal.

Our emissions baseline

Baseline Year: 2024	Carbon	
Scope 1	29.27	'Direct' emissions, including fuel for heating plus fuel used by vehicles.
Scope 2	0.63	'Energy' emissions from electricity used in our buildings and to charge electric fleet vehicles.
Scope 3	25,266	'Indirect' emissions that occur across the value chain and outside of our direct control.
Total	25,295	CO ₂ e tonnes

This is the first year of reporting carbon emissions. In future years, we'll show how we've reduced carbon from these baseline figures.



Of our 25,266 tonnes of associated Scope 3 emissions, the following subset are detailed:

Baseline Year: 2024		CO ₂ e tonnes	
Category 4	Upstream transport & distribution	0	- there are no emissions associated with getting materials/products to site
Category 5	Waste	31.48	waste generated by the business
Category 6	Business travel	8.91	personal travel by air, rail, car

Baseline Year: 2024		CO ₂ e tonnes	
Category 7	Employee commuting	2.32	employee commuting emissions
Category 9	Downstream transport & distribution	0	- there are no emissions associated with shipping products to customers

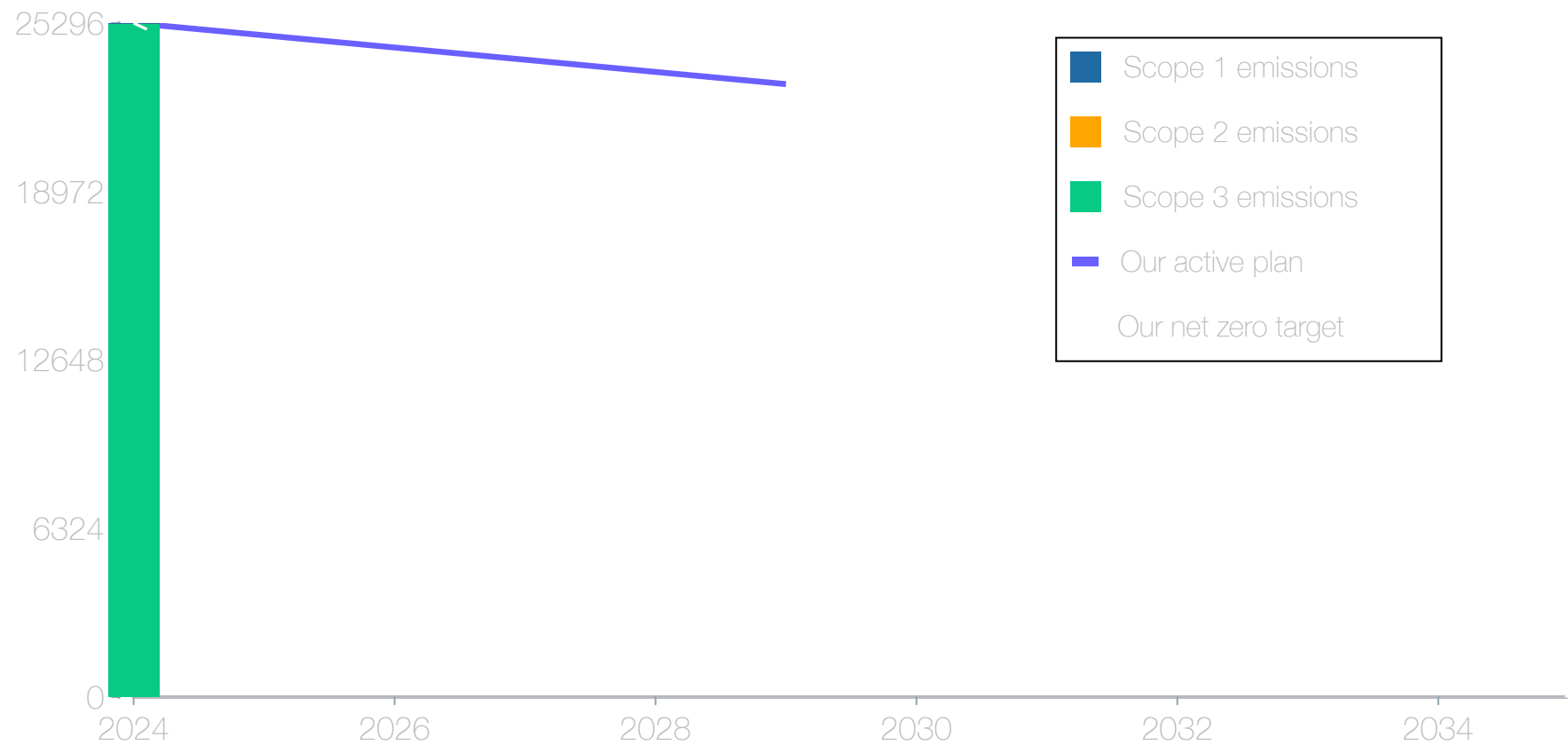
Emissions data presented here uses information provided by the business to Gopher Zero. Gopher Zero's calculations use this data and data provided by equipment suppliers, as well as standard assumptions around typical energy use and journey patterns.

Our decarbonisation plan

We're on track to achieve a carbon reduction of 7% in the next five years by tackling direct sources of carbon emissions from transport, heating and electricity. Our decarbonisation plan will reduce carbon from **25,295 tonnes** to **23,463 tonnes** by 2029.

Carbon Reduction Plan & Progress

Emissions



These are the technologies that we will adopt to reduce our direct carbon footprint:

	Date	Carbon saved/year
HeatPump	2030	12.9 tonnes
EV	2025	1 tonnes

	Date	Carbon saved/year
EV	2025	1 tonnes
EV	2025	0.67 tonnes

Initiatives to reduce carbon

Cutting carbon isn't just about investing in new technology, it's also about changing behaviours and habits. We plan to engage our entire workforce in carbon reduction through the following initiatives:

We will work with suppliers to reduce the carbon associated with our supply chain. In addition, we will review our main procured services and look to reduce the carbon associated with them.

To lower our electricity use, we'll explore the following measure actions: installing more LEDs; installing more energy-saving controls . To reduce our total energy use, we'll look to: ring-fence budget to fund these initiatives and technologies .

Our existing heating system should continue to work efficiently for a further five years. Thereafter, we'll review our heating options.

We will look to reduce material waste wherever possible.

We'll look to reduce business travel by air.

We have identified 6 business vehicles that could go electric within the next five years. We are in the process of switching to electric vehicles. Over the next 5 years, our fleet of large vans, and other business-owned vehicles, will transition to electric whenever possible.

By engaging with our employees, we look to reduce their commuting emissions. We'll explore both EV salary sacrifice and car-pooling schemes.

We will improve the recyclable elements in our products with the aim of minimising waste.

Declaration

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting². 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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Mubashar Riaz, Head of Operations

Date: 04-12-2024

Signed on behalf of Elanworth Limited t/a Next Recycle:

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards>





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