

# Carbon Reduction Plan



April 2024

## Commitment to achieving Net Zero

LCM Environmental Services Ltd 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.

### Baseline Year: 2022

#### Additional Details relating to the Baseline Emissions calculations.

LCM Environmental introduced a Carbon Reporting Platform in 2023 (CBN Experts) to allow it to identify its current emissions. By providing a baseline this enabled the company to develop a plan to achieve Net Zero objectives.

Subsequently, LCM employed WRM Ltd to help develop the overall ESG Strategy and this document provides guidance to the company on how it needs to change in order to achieve Net Zero targets.

### Baseline Year Emissions:

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	16 tonnes
Scope 2	5.8 tonnes
Scope 3 (Included Sources)	314.5 tonnes
<b>Total Emissions</b>	<b>336.294 tCO<sub>2</sub>e</b>

## LCM Environmental

The Oil Depot, Wyre Street, Padiham, Lancashire, BB12 8DF  
0808 164 4570 | [hello@lcmenvironmental.co.uk](mailto:hello@lcmenvironmental.co.uk) | [lcmenvironmental.com](http://lcmenvironmental.com)  
Company Number: 08612945 | VAT Number: 175 568 566

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## Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	15 tonnes
Scope 2	9.4 tonnes
Scope 3 (Included Sources)	351.6 tonnes
<b>Total Emissions</b>	<b>376 tCO<sub>2</sub>e</b>

## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 200 tCO<sub>2</sub>e by 2029. This is a reduction of -46.81%.

### This will be achieved by the completing the following steps:

- Introduction of renewable energy opportunities where possible (e.g. solar on properties, EV Vans, HVO use in vehicles).
- Replace outdated machinery with energy efficient models.
- Provide training to our staff on energy conservation promoting energy-saving behaviours.
- Reduce the volume of general waste sent to landfill by 50% by 2028.
- Continue to segregate and recycle onsite/offsite waste.

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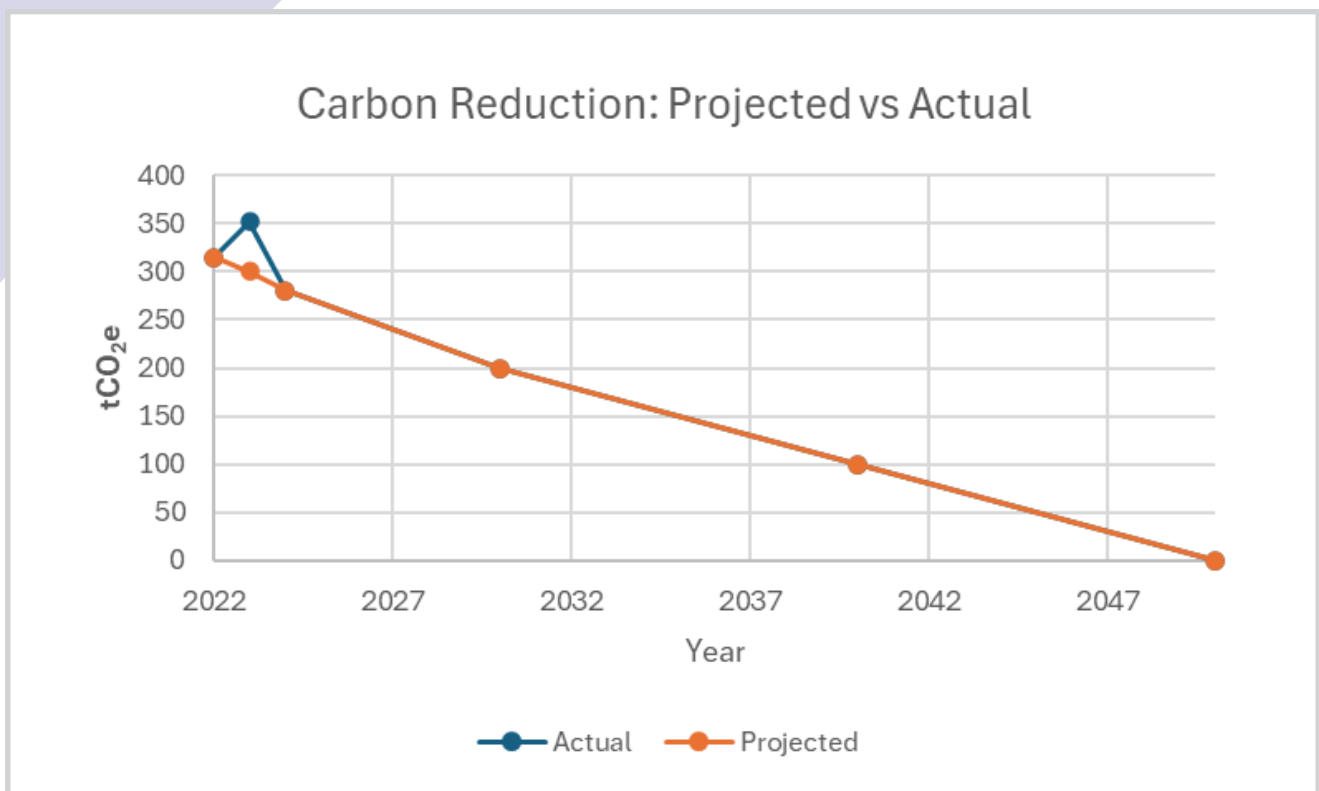
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Reliability you can rely on

April 2024

Progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented before or since the 2022 baseline.

- We have implemented ISO 14001 processes across all the businesses.
- Reduced the number of available printers across the office portfolio and promoted a paper free work environment.

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- Introduced a vehicle salary sacrifice scheme, allowing all employees the opportunity to drive brand new-electric vehicle and subsequently contribute to the reduction of greenhouse gas emissions.
- Transitioned all office lighting to Light Emitting Diode (LED) technology, enhancing our office's energy efficiency and reducing our overall carbon footprint.
- Installed Electric Vehicle charging points, reflecting our proactive approach to reducing our environmental impact.
- Extended the option of HVO fuel to all customers as a substitute for diesel, which is 90% less carbon intensive and accredited to a sustainability standard. As an organic waste derived fuel HVO contributes significantly to the reduction of greenhouse gas emissions.
- We continue to purchase carbon credits from a carbon offsetting scheme via our organisational partner GreenArc. The carbon credits are linked to Katingan Peatland Reforestation and Conservation Project, an initiative that is dedicated to protecting and restoring 149,800 hectares of peatland ecosystems.
- Implemented CBN Expert dashboard for measuring carbon footprint.
- Established ESG Strategy.

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## **LCM Environmental**

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## Planned Carbon Reduction Initiatives

As a provider of fuel and energy management services, we acknowledge the critical role we play in helping to achieve net-zero carbon emissions and the global warming target of 1.5 degrees Celsius as committed to by nations in the 2015 Paris Agreement. Our actions in this area will include measures such as continually quantifying our carbon impact, working with our supply chain to explore low-carbon options, and engaging and upskilling our workforce on the importance of and opportunities for sustainable practices and behaviours.

- Annually calculate and report our Scope 1, 2 & 3 emissions.
- Formulate a detailed journey to net-zero carbon emissions by 2050 that outlines yearly carbon reduction targets and carbon emissions.
- Provide training sessions to all employees on the relevance of climate change to the business and subsequent carbon reduction policies.
- Conduct a climate risk assessment to identify vulnerabilities and incorporate climate change adaptation measures into our business strategy.
- Continue to upscale the use of HVO fuel within our operations, aiming for 50% utilisation by 2030.
- Continue to engage with suppliers to adopt sustainable practices, aiming to reduce scope 3 emissions by 20% over the next five years.
- Establish a long-term target to achieve science-based emissions reduction goals in line with the Paris Agreement, with milestones set for 2030, 2040, and 2050.
- Create a space for employees to share initiatives for carbon reduction, recognising and rewarding successful initiatives by the start of 2025.
- Install solar to our depots to reduce overall energy consumption.
- Continue to purchase carbon credits to offset remaining emissions and achieve carbon neutrality status by 2035, aligned with the PAS 2060 standard.

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## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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

## Signed on behalf of LCM Environmental Services Ltd:

*Richard Wallace*

**CEO, LCM Environmental Services Ltd**

**Date: 08/04/2024**

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