



CARBON REDUCTION PLAN

FOR



Prepared by:

Reporting Period:

Issued Date:



November 2024 – October 2025

31st May 2026

DH Ecosolutions Ltd
Carbon Emissions Report

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1 Net Zero Commitment

DH Ecosolutions Ltd recognises the importance of making a full and lasting commitment to reducing the greenhouse gas emissions from our activities, in support of the wider commitment of the world to limit global temperature increases and the impact on the planet.

We commit to the following:

1. For our company to achieve Net Zero in line with the Science Based targets set out by the UNFCCC i.e. to achieve Net Zero no later than 2050.
2. To set realistic short- and long-term targets that are designed to achieve our Net Zero commitments.
3. To report the total Greenhouse Gas emissions of our business, at a minimum, on an annual basis.

	Year	Earlier Year if Possible
Commitment to be Net Zero	2050	2045*
50% Emissions Reduction	2030	

*in line with Scottish Government legislation

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2 Company Overview

DH Ecosolutions Ltd is a Limited Company registered in Scotland, company number SC749571, with a registered office address of Halo Enterprise and Innovation Centre, Hill Street, Kilmarnock, Scotland, United Kingdom, KA2 0BA.

Year	November 2022 – October 2023
Industry	Solutions
No. of Staff	2
No. of Offices – Owned	0
No. of Offices – Leased	0
No. of Company Vehicles - Owned	0
No. of Company Vehicles - Leased	0

DH Ecosolutions Ltd are on a mission to bring a range of pioneering products to market, for both commercial and residential settings, that will revolutionise the waste industry forever.

DH Ecosolutions Product/Products is a game changer for the waste industry, solving over flowing bins domestically/commercially, while dealing with societal issues and driving significant Net Zero gains.

3 Reporting Period

November 2024 – October 2025

4 Organisational Boundary

This report has been constructed using the

- Operational Control Approach

5 Operational Scopes

The Company has no Scope 1 and 2 emissions. This report includes certain Scope 3 emissions. The Scope 3 emissions that have been included are those that have been practical to measure with available data, which are as follows:

- Business Travel
- Employee Commuting
- Office Space Lease
- Working from Home Electricity

6 Benchmark Year

This is the third time the company has done a detailed measurement and reported on its carbon emissions; therefore, this is the benchmark year, i.e. from November 2024 – October 2025.

DH Ecosolutions Ltd Carbon Emissions Report

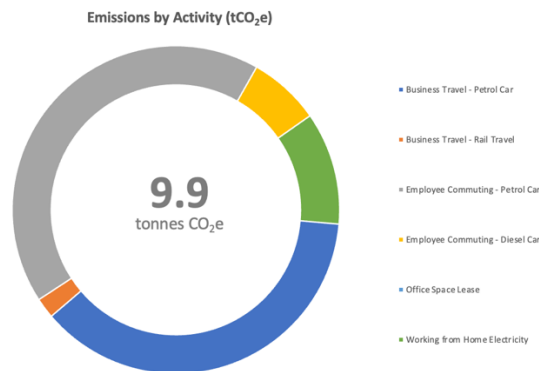
7 Carbon Emissions Overview – 12 months to October 2025



The total calculated emissions for the business for the period 2024-2025 are 9.9 tCO₂e. This is the third year the company has measured its carbon emissions.

The Company will aim to measure an increasing amount of Scope 3 emissions and is committed to reducing its emissions across all scopes

8 Emissions by Activity



Data Analysis Table, including source of data and confidence level based on the accuracy and method of calculation:

Data Details		2022-2023	2024-2025		
Emission Type	Scope	tCO ₂ e	tCO ₂ e	Data Source	Data Confidence
Energy					
Gas	1	0	0	Gas Bills	High
Electricity	2	0	0	Electricity Bills	High
Business Travel					
Car - Petrol	3	4.2	3.7	Company Travel Records	High
Rail Travel	3	0.2	0.2	Company Travel Records	High
Employee Commuting					
Car - Petrol	3	3.8	4.2	Employee Survey	Medium
Car - Diesel	3	0.7	0.7	Employee Survey	Medium
Other					
Office Space Lease	3	14.7	-	Spend Analysis	Medium
Working from Home Electricity	3	0.6	1.1	Employee Survey	Medium
TOTAL		24.2	9.9		

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9 Intensity Metric Analysis

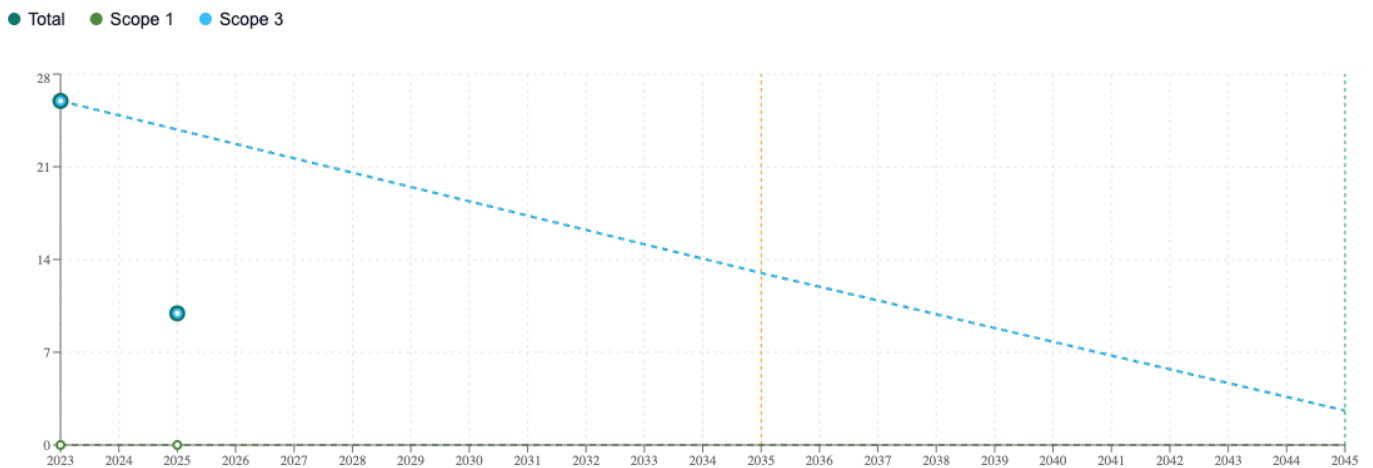
 Per Employee	2024/25	
	Scopes 1, 2 & 3	4.97

The chosen intensity metrics show a carbon emissions value of 4.97 tCO₂e per employee. The business had 2 employees across this period.

10 Emissions Reductions Targets

The following graph summarises the carbon emissions reduction targets.

DH Ecosolutions Emissions Reduction Targets to 2045



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11 Carbon Reduction Projects

DH Ecosolutions Ltd will develop the following initiatives that will support the company's strategies to meet Science Based Targets:

Strategy	Initiative
Net Zero Nation Accelerator	DH Ecosolutions Ltd have continued the Net Zero Nation Accelerator program to measure, manage and reduce business emissions in collaboration with other organisations and as part of a wider business initiative.
Office Space Review	The company made the decision to move away from renting office space and has seen emissions reduce accordingly.
Business Travel	To promote use of public transport and car sharing where practical. To encourage all to switch to electric cars when practical to do so
Data Quality	To ensure accurate data is measured when the product line comes on stream.
Employee Engagement	To ensure all team members are aware of the plan and new members of staff in the future are advised regarding the targets through the induction.

Signed on behalf of DH Ecosolutions Ltd

Name: **Darren Hicks**



Position: **Director**

Date: 31st May 2026

12 Standard and Methodology Used

DH Ecosolutions Ltd categorises its Greenhouse Gas (GHG) Emissions as Scope 1, 2 or 3 as referred to in the WBCSD – WRI Greenhouse Gas Protocol (revised edition, dated March 2014). Emissions in Carbon Dioxide equivalent (CO₂e) for all scopes are calculated using the conversion factors listed in DESNZ Greenhouse Gas Conversion Factors for the relevant 12-month period over which the Carbon Footprint is calculated. Procured renewable electricity and gas is calculated in accordance with the WBCSD – WSI Scope 2 Guidance on procured renewable energy (2015).

13 Data Quality / Confidence

The data used to generate this report has been collected from various sources from both within the company and using assumptions gathered by Net Zero International. These emissions have been converted to CO₂e using GHG Protocol and BEIS frameworks and conversion factors for the relevant period.

14 Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with associated guidance and reporting standards 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 agreed by the board of directors (or equivalent management body).

Signed on behalf of Net Zero International

Name: **David Hawes**



Position: **Co-Founder**

Date: **31st May 2026**

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15 Glossary

Benchmark Data	The chosen 12-month period that sets the calculated emissions that need to be mitigated and/or offset.
Carbon Reduction	Reduction in measured CO ₂ e emissions
Carbon Reduction Plan	Plan to reduce CO ₂ e emissions over a period of time, updated annually
Carbon Emissions (Gross)	CO ₂ e emissions from Company activities
Carbon Emissions (Net)	CO ₂ e emissions from Company activities minus verified carbon offsets the Company purchases
Carbon Neutral	When emissions are fully offset including those emissions that could be mitigated.
Carbon Offsets	A removal or reduction of carbon emissions through a verified scheme.
CO₂e	All greenhouse gases expressed in terms of Carbon Dioxide equivalent (CO ₂ e) for consistency of reporting.
DESNZ	Department of Energy Security and Net Zero (https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting)
EEIO	Environmentally Extended Input Output – Emissions estimated on spend https://ghgprotocol.org/
GHG Protocol	Greenhouse Gas Protocol https://ghgprotocol.org/
Greenhouse Gases	Carbon Dioxide (CO ₂), Methane (CH ₄), Nitrous Oxide (N ₂ O), Chlorofluorocarbons (CFCs and HCFCs), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulphur Hexafluoride (SF ₆)
Greenhouse Gas Conversion Factors	Annually published conversion factors normally published by relevant government departments. Converts activity into CO ₂ e emissions.
Greenhouse Gas Emissions (GHG)	Gases in the atmosphere that absorb and radiate heat
Intensity Metric/Ratio	A metric that measures carbon emissions per relevant unit of activity in a business.
Market Reporting v Location Reporting	Market is based on specific tariffs. Location is based on the emissions factor published for the country from which you are reporting.
Net Zero	GHG emissions are mitigated and those that cannot are offset
Renewable Tariff	An energy tariff that is 100% powered by renewable energy and is certified.
SBT	Science Based Targets – reducing emissions by 50% by 2030 and by 90% by 2050 and offsetting the remaining amount.
Scope 1	The fuels that are burnt (gas, transport the company owns, refrigerant gases)
Scope 2	The energy that is bought (electricity from the grid, purchased heat)
Scope 3	Emissions embedded in everything a company buys and emitted as a consequence of everything a company sells.
SECR	Streamlined Energy and Carbon Reporting
tCO₂e	Metric tonnes of CO ₂ equivalent emitted.
WBCSD	World Business Council for Sustainable Development https://www.wbcsd.org/
WRI	World Resource Institute https://www.wri.org/