

# Carbon Reduction Plan

Mawdsley-Brooks & Company Limited ('Mawdsleys')

Publication date: June 2026

**Commitment to achieving Net Zero**

## Mawdsleys is committed to achieving net zero emissions by 2045.

We recognise that we need to act responsibly to protect the environment by minimising our carbon footprint and improving sustainability across our business.

Baseline emissions in 2023/4 which align with SECR reporting requirements are the reference point against which year-on-year emissions, when recalculated, can be measured.

Scope	2023/24 (tCO2e) Current emissions reporting	2024/25 (tCO2e) Current emissions reporting	Change
<b>Scope 1</b>			
Fuel (Gas), Location-based	295	298	1%
Fuel (Gas), Market-based	59	0.3	-99%
Refrigerants	1,083	270	-75%
Company vehicles	4,982	4,544	-9%
<b>Scope 2</b>			
Electricity purchased, Location-based	775	622	-20%
Electricity purchased, Market-based	0	0	0%
<b>Total Scope 1 &amp; 2 - Location based</b>	<b>7,135</b>	<b>5,747</b>	<b>-19%</b>
<b>Total Scope 1 &amp; 2 - Market based</b>	<b>6,124</b>	<b>4,827</b>	<b>-21%</b>
<b>Scope 3 - Upstream</b>			
<b>Purchases - Pharmaceutical</b>	<b>57,947</b>	<b>75,243</b>	<b>30%</b>
Purchases - non-Pharmaceutical	91	189	108%
Capital Good	15	23	53%
Energy	299	267	-11%
Business Travel	22	71	223%
Transport	382	567	48%
Commuting & Homeworking	581	550	-5%
Waste & water	15	12	-20%
<b>Scope 3, Downstream</b>			
Transport	1,036	1,353	31%
<b>Total - Location based and incl. Pharma</b>	<b>67,523</b>	<b>84,022</b>	<b>24%</b>
<b>Total - Location based and excl. Pharma</b>	<b>9,576</b>	<b>8,779</b>	<b>-8%</b>
<b>Total - Market based and Inc. Pharma</b>	<b>66,512</b>	<b>83,102</b>	<b>25%</b>
<b>Total - Market based and Excl. Pharma</b>	<b>8,801</b>	<b>7,859</b>	<b>-11%</b>

In a like-for-like comparison, emissions in 2024/25 are 8% lower than in 2023/24 (location-based, excluding pharma), which is a direct result of the carbon reduction initiatives we have implemented.

**Scope 1** - Emissions in this reporting year are 20% lower than in 2023/24 using the location-based approach. This is largely due to a significant reduction in emissions associated with refrigerants.

**Scope 2** - Using a market-based calculation, emissions in both 2023/24 and 2024/25 were recorded as zero because all Mawdsleys electricity tariffs are backed by the Renewable Energy Guarantees of Origin (REGO) scheme. Using a location-based calculation, electricity consumption in 2024/25 has reduced by 20% compared to the previous year, largely due to the Redhouse site using self-generated solar PV energy and the closure of the Sheffield site.

**Scope 3** - Emissions associated with pharmaceutical purchases have increased by 30%, driven by a 45% increase in spend within scope since last year's assessment. However, the carbon intensity of these purchases declined from 239 tCO<sub>2</sub>e per million pounds to 213 tCO<sub>2</sub>e per million pounds – approximately a 10% reduction in emission intensity. This is largely due to improvements made by certain key suppliers. Non-pharmaceutical emissions have risen by 108% due to higher spend on capital goods and business travel; although they remain materially low in absolute terms.

## Completed carbon reduction projects

The following measures have already been completed:

### 2018

- EV charging points installed at various sites.
- Motion sensors installed at various sites.

### 2019

- First fully electric vehicles added to the company car fleet.
- Introduced segregation of office, metal and plastic waste to increase recycling.
- Joined The Climate Group EV100 group of companies.

### 2020

- Started to install Trailer PV roof units on HGV and van fleets to reduce fuel consumption (now part of standard vehicle specification).
- Introduced a cycle to work scheme.
- Started to change sites over to LED lighting.
- Began switch to REGO certified electricity suppliers.

### 2021

- Refitted a site with double glazing and upgraded insulation to reduce energy consumption.
- Updated company car policy to EVs or hybrid vehicles only.
- Completed switch to fully REGO certified electricity suppliers across all sites.
- Sourced new gas contract which includes 100% carbon offset.

### 2022

- Completed the installation of LEDs at all warehouses to reduce energy consumption.
- Concluded the fitting of EV charging point at all sites.
- Introduced driver monitoring software to help optimise route planning and save fuel.

### 2023

- Began trial of E-cool trailers to assess their performance as a viable replacement for standard diesel refrigerated units to reduce emissions.
- Explored the use of Hydro Treated Vegetable Oil (HVO) as a replacement for diesel, however given its premium pricing, this was not commercially viable.

### 2024

- Installation of solar roofing at Redhouse distribution depot in Doncaster, which comprises of a 1,688kW PV array and 2,600kWh battery. When optimised, this is expected to generate up to 68% of the facility's power.
- Completed data modelling exercise to identify where additional EV vehicles can be added to 3PL fleet as a replacement for ICE (internal combustion engine) vehicles.
- Introduced first EV tractor unit to 3PL fleet to begin a proof of concept as a replacement for ICE equivalent.

### 2025

- Introduced two 3.5t EVs to the hospital delivery fleet to support the transition to low-emission delivery operations.
- Committed to a 38t fully electric HGV pilot at the Redhouse site under a three-year lease through to 2027.
- Implemented a centralised vehicle operations model whereby vehicles remain at depots overnight to reduce unnecessary mileage.
- Completed upgrades to energy-efficient double glazing across sites to improve insulation and reduce heating and cooling demand.
- Completed the transition to LED lighting by extending installation to office areas.
- Expanded the use of motion- and daylight-responsive sensors across key sites.
- Undertook tree planting initiatives at the Redhouse site to support biodiversity in green spaces.
- Consolidated non-production waste management contracts across all sites to two suppliers to improve recycling performance, transport efficiency, and sustainability reporting.
- Completed a full packaging tender (September 2025) to transition away from air-filled plastic pillows to paper-based inner packaging, reducing plastic use by approximately 4 tonnes annually by September 2026 when implementation concludes.

## 2026

- Deployed four additional E-cool trailers as replacements for diesel refrigerated units to reduce emissions from temperature-controlled transportation.
- Rolled out the Stream Transport Management System across all depots to minimise paper-based processes and enable route optimisation and efficiency modelling.
- A business-wide rollout of driver telematics is in progress which, once fully implemented by year-end, will deliver improved fuel efficiency, reduced idling times and emissions, and enhanced fleet performance.
- Delivered rapid EV charging infrastructure at Redhouse (3 x 180 kW chargers), reducing charging time to 1-2 hours and maximising time spent in operation.
- Conducting an ongoing review of pallet wrap specifications to enable a transition to thinner-gauge plastic film, reducing overall plastic consumption while maintaining load integrity.
- Integrated carbon considerations into the sourcing of unlicensed medicines, including an update to internal Standard Operating Procedures (SOPs) to ensure Scope 3 carbon impact is formally considered.

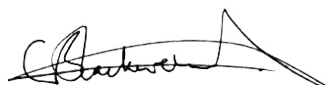
## Future carbon reduction initiatives

- Introduce natural gas refrigeration units in 3.5t vehicles to eliminate leakage and disposal issues associated with standard refrigerants.
- Review depot locations prior to expansion to ensure delivery route planning is optimised.
- Begin a project to identify and seal air leaks at all sites to improve insulation and reduce wasted energy.
- Expand biodiversity and water conservation strategies to enhance green spaces, including supporting controlled pollinator areas and implementing rainwater harvesting.
- Scale up the use of solar PV panels and battery storage to enhance energy self-sufficiency.
- Replace outdated HVAC systems at Quest 22 to reduce energy use.
- Upgrade storage refrigeration units to lower energy consumption.
- Standardise temperature control across all offices to 21°C to improve energy efficiency.
- Explore circular packaging opportunities and closed-loop solutions with a recycling partner.
- Expand the network of 180 kW fast chargers to support the transition to a fleet comprising 15% electric vehicles.

## 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 (or equivalent management body).

Signed on behalf of Mawdsley-Brooks & Company Limited:



**Chris Blackwell-Frost**  
Chief Executive Officer