

Environmental Management System

Carbon Reduction Plan



Plan Owner:	Matthew Christian	Job Title:	H&S Manager
Publication Date:	December 2025 – V8	Commitment to achieving Net Zero	Sudlows are committed to achieving Net Zero emissions by 2050
Operating Company:	Sudlows		

Section 1: Sustainability Commitment

Sudlows are committed to the protection and enhancement of the environment whilst reducing our overall carbon footprint to 'net zero'. Our goal is to minimise the negative impacts of our operations and maximise the quality of the built environment for future generations. Through innovation and application of good practice, we aim to steer the industry to design sustainable and high-quality built Data Centres with as little environmental impact as possible through their whole asset life cycle.

Our goal will be realised by:

- Continual improvement of the environmental performance of our activities, products and services through clear objectives, targets.
- Complying with relevant legislation and requirements and regularly evaluating this compliance.
- Proactively minimising environmental impacts, including being industry leading in minimising direct and embodied carbon emissions, and providing energy efficient/low carbon assets for our clients.
- Improving resource efficiency by reducing the use of natural resources, reducing waste and diverting the waste we do produce away from landfill sites.
- Reducing our water consumption and improving water efficiency.
- Minimising polluting emissions or discharges to the environment.
- Proactively protecting, preserving and enhancing wildlife/flora and their natural habitats.
- Enhancing employee understanding of environmental sustainability, through stimulating cultural change and providing clear direction.
- Integrating climate considerations into designing and delivering work projects and our day-to-day business activities
- Engaging our supply chain in improving their environmental performance and responsible sourcing.
- Maintaining registration to ISO 14001:2015 for the business.
- Strong governance of the environmental agenda underpinned by monitoring and reporting of progress against environmental targets and objectives.

Baseline Emissions Footprint

Sudlows are committed to achieving 'net zero' emissions by 2050. In order to produce meaningful data to track our progress towards this target, a review of our operations was completed during 2021 to establish our baseline emissions information. For Scope 1 emissions this was carried out in 2022 due to COVID limitations in 2021. Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of our strategies to reduce our emissions. The Sudlows baseline emissions information listed within this carbon reduction plan provides an overview of our targets, objectives and progress towards our mission of reaching net zero emissions by 2050.

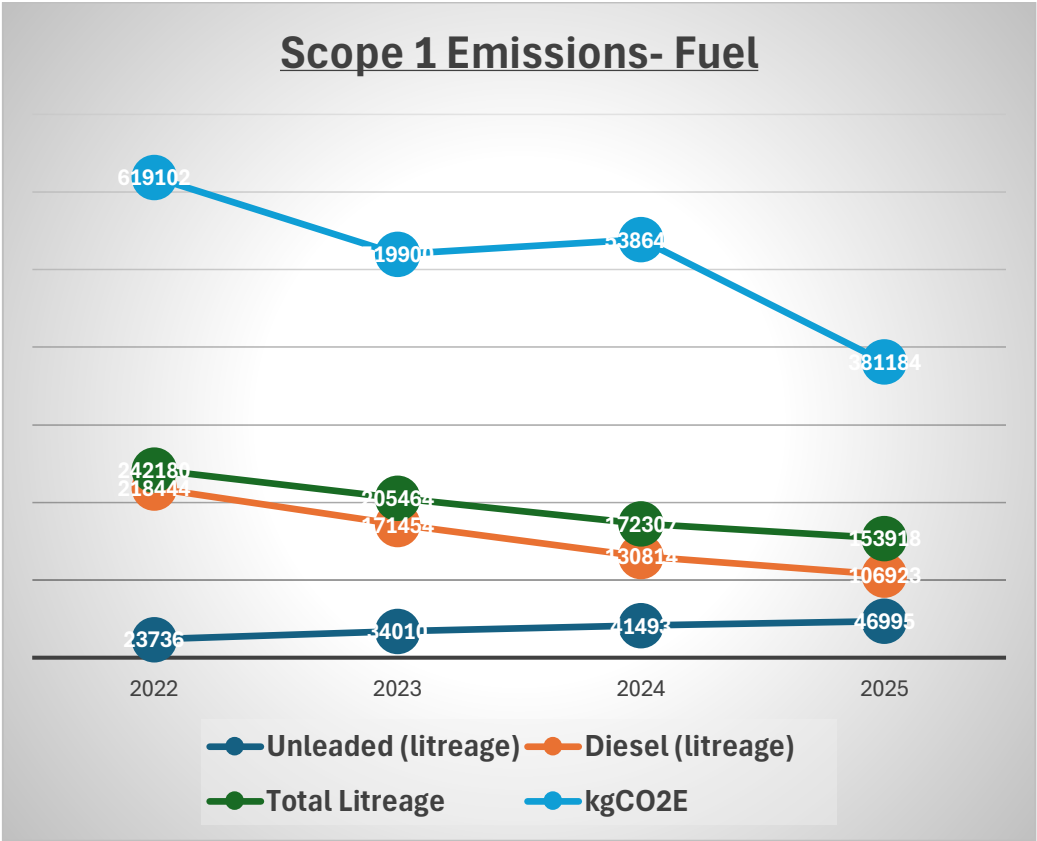
Baseline Year

Year:	2021	Details relating to the Baseline Emissions calculations.	The Covid pandemic and company restructuring during 2020/21 resulted in issues establishing any meaningful or accurate baseline calculations. The baseline emission calculations that are now in place relate to or operations during 2021/22 and covers Scope 1 and Scope 2.
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Section 2: Scope 1 Emissions - Fleet/Fuel Usage				
Year	2022	2023	2024	2025
Unleaded (litreage)	23736	34010	41493	46995
Diesel (litreage)	218444	171454	130814	106923
Total Litreage	242180	205464	172307	153918
kgCO2E	619102	519900	538643	381184
Savings	Baseline	<17% Reduction	>4% Increase	<34% Reduction



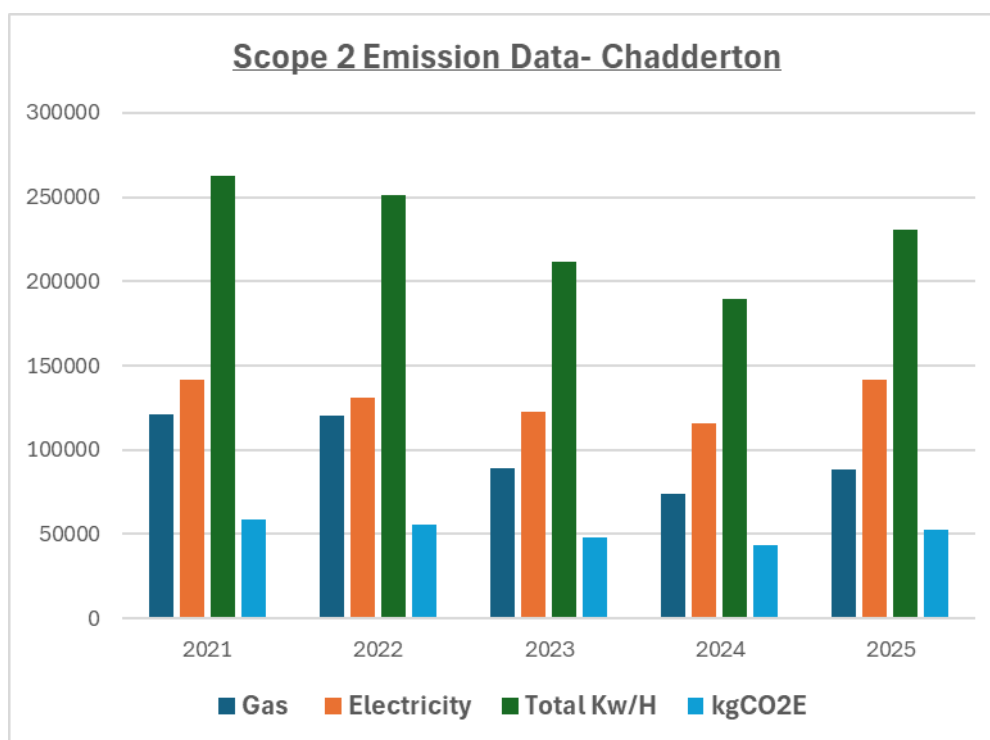
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Section 2: Scope 2 Information					
Scope 2 Emissions - Chadderton Office					
Year	2021	2022	2023	2024	2025
Gas	121378	120272	89373	74208	88698
Electricity	141255	130870	122613	115383	141852
Total Kw/H	262633	251152	211986	189591	230550
kgCO2E	58610	55738	47936	43287	52752
Savings	Baseline	<5%	<15%	<10%	>19%

*Gas smart meter showing incorrect readings for 2024- Usage calculated based on 6 months correct readings.



Chadderton office- 2025 Summary

Electricity consumption increased during the reporting period due to the installation and operation of electric vehicle (EV) charging infrastructure at the office. This increase reflects the organisations transitional preferences from internal combustion engine vehicles to electric vehicles.

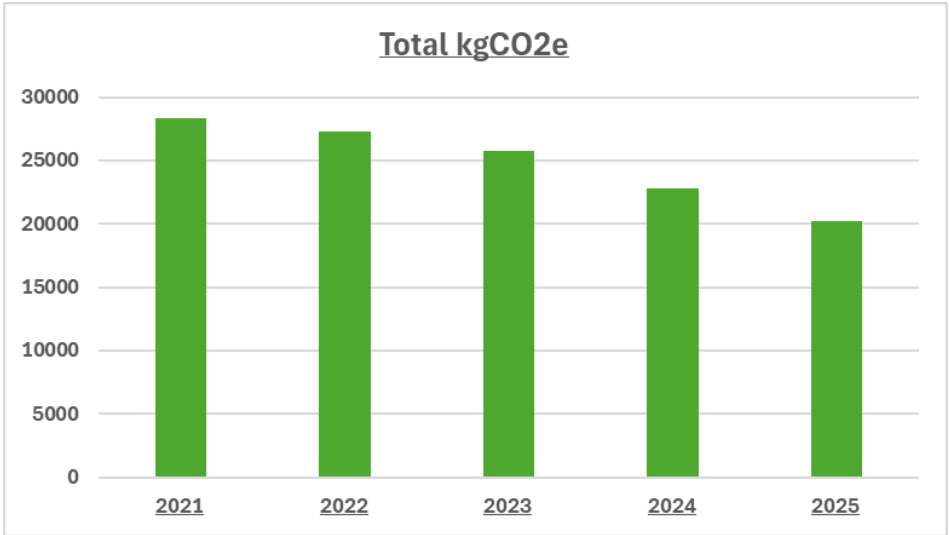
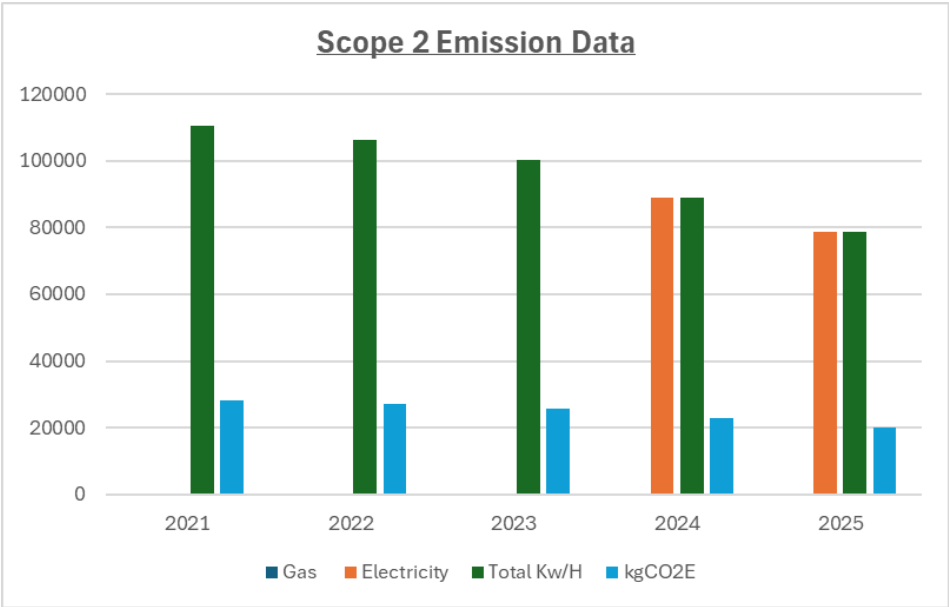
As a result of this transition overall recorded fuel consumption decreased by 11% compared with the previous reporting period. The increase in electricity use therefore represents a substitution of energy source rather than an increase in overall transport demand.

This shift supports the organisation's carbon reduction objectives, as electric vehicles have lower lifecycle emissions than fossil fuel vehicles, particularly when supplied by grid electricity with an increasing proportion of renewable generation.

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Section 2: Scope 2 Information					
Scope 2 Emissions - Ducie Works Office					
Year	2021	2022	2023	2024	2025
Gas	NA	NA	NA	NA	NA
Electricity	Invoice	Invoice	Invoice	88786	78658
Total Kw/H	110435	106188	100178	88786	78658
kgCO2E	28376	27284	25740	22813	20209
Savings	Baseline	<4%	<6%	<12%	<12%

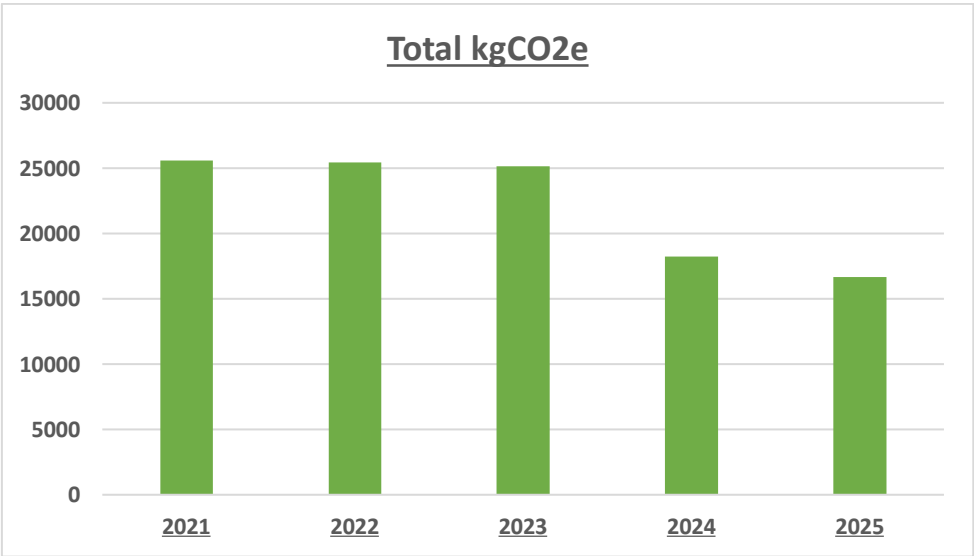
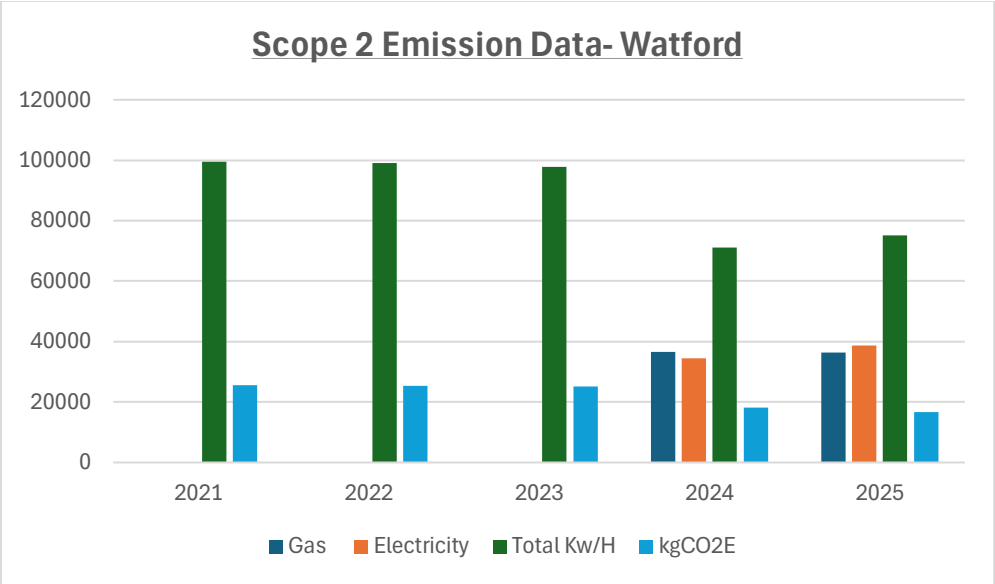


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Section 2: Scope 2 Information					
Scope 2 Emissions - Watford Office					
Year	2021	2022	2023	2024	2025
Gas	NA	NA	NA	36482	36419
Electricity	Invoice	Invoice	Invoice	34526	38725
Total Kw/H	99485	98987	97883	71008	75144
kgCO2e	25562	25434	25150	18243	16645
Savings	Baseline	<1%	<1%	<32%	<9%



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Section 3: Carbon Reduction Totals Scope 1 & 2

Year	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Scope 1	619102	519900	538643	381184
Scope 2	104456	95899	84243	89606
tCO ₂ e	723.55 t	615.79 t	622.88 t	470.79 t
kgCO ₂ E	723558	615799	622886	470790
Savings	First Full Year Reporting (No scope 1 emissions available for 2021)	16% Reduction	14% Reduction	43% Reduction

Emissions Reduction Targets

Based on the company's initial 2021 baseline calculations and year 1 accurate calculations comparing like for like with 2025, the company initiatives have produced a net saving of 252768 kgCO₂e/ 253tCO₂e. That is a total reduction of 43%, with an average year on year reduction of 23% on currently measurable emissions.

For Sudlows to continue with the progress made so far to achieving our 2050 Net Zero target we have adopted the following carbon reduction targets:

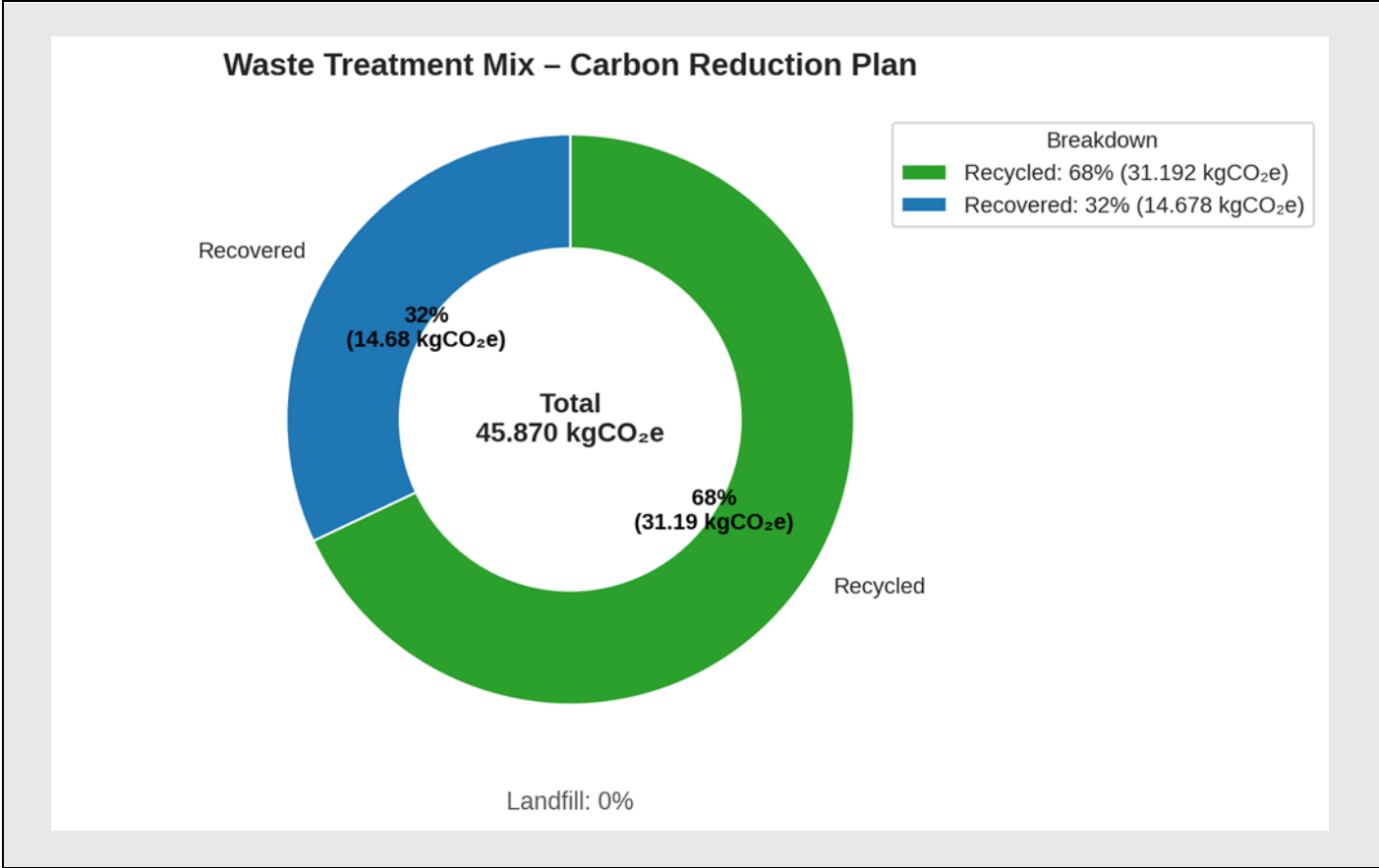
- Continue, year on year to identify measurable sources of carbon emissions.
- Target an annual reduction of 10% of all identified carbon emissions.
- Achieve a measurable 50% reduction in our carbon emissions in the first five years: 2027

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Section 3: Scope 3 Information
During 2024 and continuing into 2025, the business has implemented a structured process to collect, verify, and report Scope 3 emissions associated with waste generated across all sites and operational activities. This includes the systematic capture of waste volumes by type, disposal routes, and treatment methods to ensure alignment with the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Standard. The data collected during this period will support more accurate baseline development, enable improved visibility of waste-related emissions, and inform targeted reduction initiatives as part of our wider decarbonisation strategy.

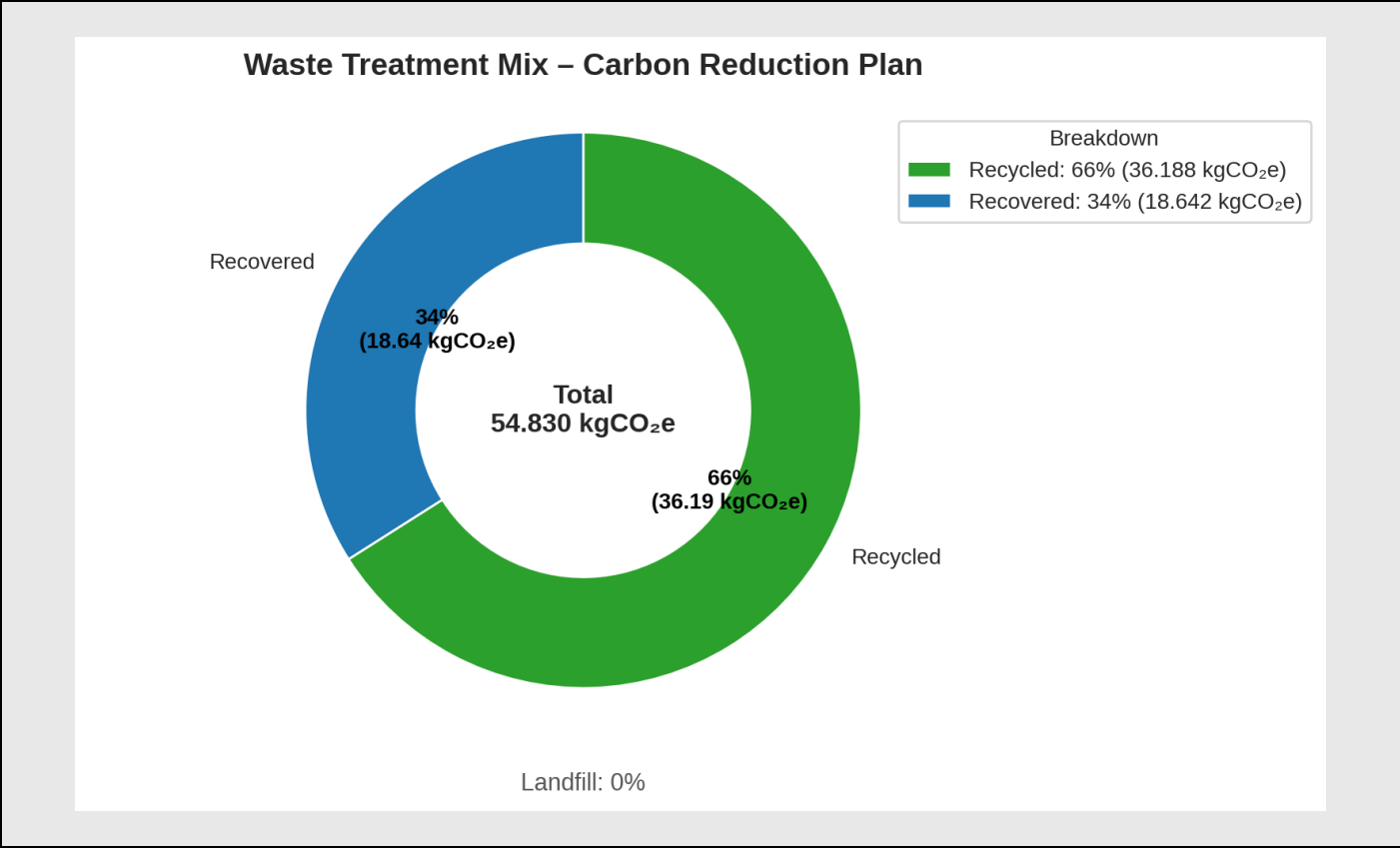
Scope 3: Waste Reporting Office & Site Data kgCO2e	
Year	2024
Sudlows Controlled Construction Sites	43.97 KGCO2e
No. Construction Sites	23
Sudlows Offices (Ducie & Chadderton)	1.90686 KGCO2e
Total	45.87686 kgCO2e



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Scope 3: Waste Reporting Office & Site Data kgCO2e	
Year	2025
Sudlows Controlled Construction Sites	53.192 KGC02e
No. Construction Sites	25
Sudlows Offices (Ducie & Chadderton)	1.6386 KGC02e
Total	54.8306.83 kgCO2e



Scope 3 Emissions Summary 2024-25

The total Scope 3 waste-related emissions have increased in 2025 compared with 2024. This change is primarily driven by an increase in the number of active construction sites recorded within the reporting period. In 2024, waste data was collected from 23 construction sites, whereas in 2025 this increased to 25 sites. As waste generation is closely linked to the scale and volume of construction activity, the addition of two extra sites naturally resulted in a higher overall quantity of waste materials being produced and processed. Although the waste-handling methods (recycling, recovery and landfill avoidance) remained consistent and in line with best practice, the expanded operational footprint led to a proportional increase in associated carbon emissions.

It is therefore important to note that the rise in total kgCO₂e does not represent a decline in performance or efficiency but rather reflects the organisation’s increased activity levels. When emissions are normalised on a per-site or per-project basis, performance metrics remain stable and continue to align with the company’s waste-reduction strategy and sustainability targets.

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Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021/22 baseline:

- Introduction of a new fleet management system to improve vehicle tracking and improve fuel economy.
- Improvement in work allocation to reduce overall vehicle mileage.
- Exchanging out older vehicles to develop a more fuel-efficient fleet.
- Installation of electrical vehicle charging points at Sudlows premises
- Introducing electrical vehicles into the fleet.

The carbon emission reduction achieved by these schemes equate to 252768 kgCO₂e reduction against the 2021 baseline measurement for scope 1 & 2 emissions.

In addition, the following targets aim to further reduce our carbon emissions:

- Improving the efficiency of company premises heating, ventilation, A/C and lighting systems.
- Planned installation of solar panels at our Chadderton Office site
- Scope 3 emission recording for company waste streams- Increased awareness of ISO14001 requirements to reduce waste
- Strengthen supply chain engagement
- Improve energy efficiency on construction sites

Water Usage & Management Plan – 2026

Sudlows is committed to reducing the environmental impact associated with operational water use. Although water consumption is a relatively low contributor to overall emissions, responsible management supports our wider sustainability goals. For 2026, Sudlows aims to:

- Minimise potable water use across all projects and office locations by encouraging efficient practices and reducing unnecessary consumption.
- Improve monitoring and data accuracy through increased use of metering and contractor-reported water usage to strengthen Scope 3 reporting.
- Adopt water-efficient methods during installation, testing, and commissioning works wherever feasible.
- Reduce wastewater generation and ensure all wastewater is managed responsibly and in line with environmental best practice.
- Promote staff and subcontractor awareness, ensuring teams understand how to reduce water usage during daily activities.
- Support clients in low-water project delivery, sharing best practice and helping identify opportunities for efficiency.

During 2026 the HS Team are working towards establishing baseline measurements by which targeted reductions will be measured against.

Once established an absolute water consumption reduction target will be established of 5% for 2026/27.

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Declaration and Sign Off

This Carbon Reduction Plan has been completed using currently available information collected by Sudlows Health and Safety Team. This document is a live document and is subject to ongoing controlled issue revisions. This plan has been completed in accordance with PPN 006 and the appropriate government emission conversion factors.

Signed- 

Printed- Matthew Christian - Health and Safety Manager

Date: V8 -December 2025