

Rhodar Industrial Services Ltd

CARBON REDUCTION PLAN



RHODAR
Specialist Enabling Works

February 2025

Organisation: Rhodar Industrial Services Ltd
Publication date: 28th February 2025

This Carbon Reduction Plan has been independently produced by Litmus Sustainability Ltd.

Commitment to achieving Net Zero

Rhodar Industrial Services Ltd (Rhodar) is committed to achieving Net Zero emissions by 2050 at the latest.

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 emissions: 2023 (1st January to 31st December)

Additional Details relating to the Baseline Emissions calculations.

Due to an improved methodology and better access to data, Rhodar has re-baselined its emissions from its previous 2022 base year. 2023 will now serve as our baseline going forward. During 2025, we will be making further improvements to data quality and will update this Carbon Reduction Plan once this work is complete.

Scopes 1 and 2 emissions currently measured include gas consumption at sites, company vehicles and mobile plant based on operational control. We plan to add fugitive emissions during 2025, but we do not expect these to be material to overall emissions.

In addition to the five mandatory categories of Scope 3 (Upstream Transport, Waste, Business Travel, Staff Commuting, Downstream Transport) for PPN 06/21 reporting, we have also reported against three additional categories: Purchased Goods & Services, Capital Goods and Fuel- & Energy-related Activities.

To better account for our real-world impact, we have voluntarily reported estimated homeworking emissions and our location-based electricity emissions. Radiative forcing was accounted for in all air travel.

Emissions	Total (tCO ₂ e)
Scope 1	4,098

Scope 2	77.27 (Location-based)
Scope 3 (Included Sources)	<p>4,452</p> <p>(1) Purchased Goods & Services: 2,367 (2) Capital Goods: 35.26 (3) Fuel- and Energy-related Activities (Energy Supply): 1,025 (4) Upstream Transportation and Distribution: 20.42 (5) Waste Generated in Operations: 348.43 (6) Business Travel: 165.13 (7) Staff Commuting: 491.21* (9) Downstream Transportation and Distribution: N/A**</p> <p>*includes homeworking **This category is immaterial to our overall emissions</p>
Total Emissions	8,628
Emissions Intensity (tCO2e/employee)	18.88

Current Emissions Reporting

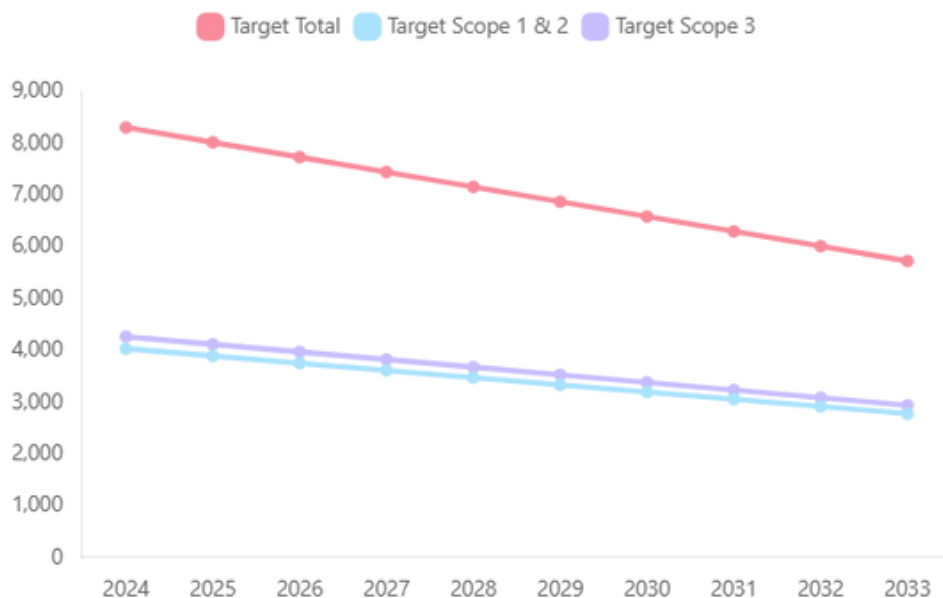
Reporting year: 2024 (1st January to 31st December)	
Emissions	Total (tCO2e)
Scope 1	3,193
Scope 2	65.23 (Location-based)
Scope 3 (Included Sources)	<p>4,209</p> <p>(1) Purchased Goods & Services: 2,184 (2) Capital Goods: 198.54 (3) Fuel- and Energy-related Activities (Energy Supply): 819.14 (4) Upstream Transportation and Distribution: 21.72 (5) Waste Generated in Operations: 282.64 (6) Business Travel: 192.55 (7) Staff Commuting: 510.57 * (9) Downstream Transportation and Distribution: N/A**</p>
Total Emissions	7,467
Emissions Intensity (tCO2e/employee)	14.93

Emission reduction targets

Rhodar has committed to a long-term target of achieving net zero by 2050 at the latest.

In practice, this equates to a 90% absolute reduction in Scope 1, 2 and 3 emissions by 2050 from our 2023-24 baseline. The remaining 10% of emissions will be balanced by emissions removals to achieve net zero.

To ensure we make tangible and continuous progress towards our long-term target, we plan to formally adopt a science-based near-term target in 2025 in line with the recommendations of the Science Based Targets Initiative.

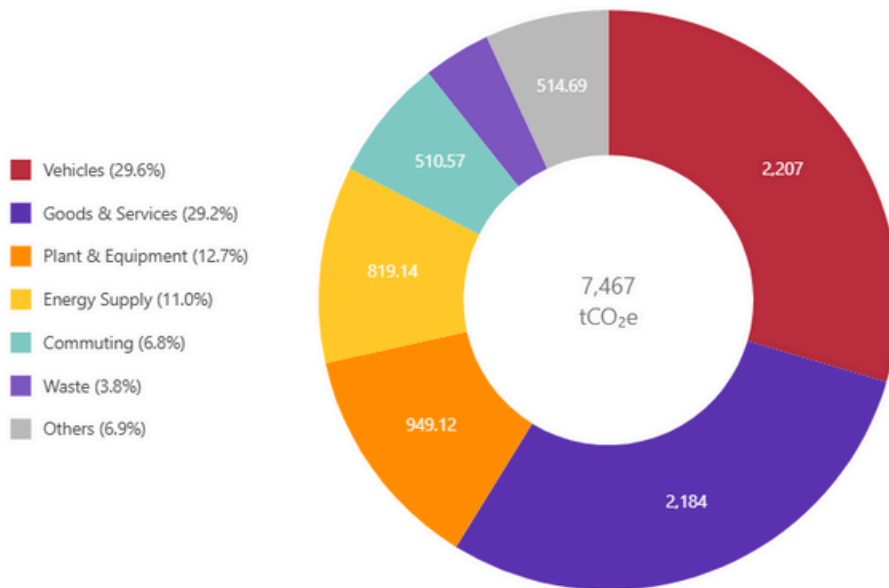


We will update this Carbon Reduction Plan with a more detailed projection of our net zero pathway during 2025.

Carbon Reduction Projects

Rhodar is committed to taking action to bring down our emissions both directly and indirectly through our supply chain. A materiality analysis of our 2024 emissions shows that our impact is spread across our operations:

Emissions by activity (tCO₂e)



Underway & Completed Carbon Reduction Initiatives

Energy management

We have put several energy-saving initiatives in place in recent years. This includes energy efficiency measures in offices such as double glazing and low energy lighting, as well as heating controls in welfare units at sites, replacing LPG hot water heating in decontamination units with electric showers, and continually investing in newer, more efficient plant.

A significant proportion of the electricity we consume is backed by REGO certificates each year to help us minimise the impact of the energy consumption we cannot eliminate.

Fleet & asset management

Company vehicles were the single largest contributing category to our 2024 emissions. We are in the process of developing a strategy for electrifying our fleet over the coming years and are laying the groundwork by installing EV charging points at offices and employee residences.

In the nearer-term, we are also exploring ways in which we could improve fuel efficiency by trialling new route planning software and improving the way we track and manage assets in the field.

Data & systems

We are committed to attaining and maintaining industry-leading standards of environmental management, in line with our accreditation to ISO14001:2015. At the end of 2024 we engaged with external consultants Litmus Sustainability, who as a first step are helping us to improve the granularity and standardisation of data across the organisation and our supply chain to improve reporting, and guide decision making towards solutions that will deliver greatest impact.

Over the course of 2025 we will also develop an in-house carbon calculator that can be used on a project-by-project basis to track performance, as well as deliver a full materiality assessment of the organisation as a whole.

Targets & metrics

During 2025 we will introduce near-term carbon reduction targets for Rhodar and pursue formal verification with the Science Based Targets initiative (SBTi) to ensure we align with the latest climate science.

Future Projects

Skills

Raising awareness and providing opportunities for sustainability training is an important part of our strategy. We are already a Supply Chain Sustainability School Gold member and are exploring our options for rolling out expert-led internal training across the organisation.

Within the next 12 months, we hope to establish a formal sustainability role within the organisation to ensure there is accountability and suitable resource for driving projects forward internally.

Alternative fuels & technologies

As a company that operates in a high-carbon sector, we are committed to trialling promising technologies and solutions that come to market. This includes exploring the feasibility of using HVO and alternative fuels for mobile plant, as well as new technologies to help us reduce the environmental impact of the waste we create.

A more detailed roadmap of actions for our long-term journey to net zero will be published during 2025.

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***.

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

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

*** <https://ghgprotocol.org/standards/scope-3-standard>

This Carbon Reduction Plan has been signed and approved on behalf of the board of directors (or equivalent management body).

Signed on behalf of the organisation



Signature:

Name & Position: **Jason Davy, Managing Director**

Date: **28th February 2025**