



# Carbon Reduction Plan

Financial Year 2022



## Introduction

---

**Supplier name:** Rhodar Industrial Services Ltd

**Publication date:** 19<sup>th</sup> July 2024

This carbon plan conforms to the requirements set out in Procurement Policy Note PPN06/21.

## About Us

Rhodar Industrial Services Ltd is a leading specialist in asbestos removal, demolition, and remediation services, with a strong reputation for delivering high-quality projects across the UK since 1976. Supported by over 500 employees at 14 locations nationwide, we are trusted by major corporations to provide comprehensive enabling works solutions, including Passive Fire Protection.

## Commitment to Achieving Net Zero

Rhodar Industrial Services Ltd is committed to achieving Net Zero emissions by 2050. This commitment includes scopes 1, 2 and 3. This target is supported by a 5-year greenhouse gas reduction goal. Further details on our targets can be found under 'Carbon Reduction Targets'.

**Baseline Emissions Footprint**

The calculation of Rhodar Industrial Services Ltd.’s (Rhodar) baseline emissions footprint aligns with the GHG Protocol Corporate Accounting and Reporting Standards. Rhodar has engaged Carbon Architecture as an energy consultant to provide carbon accounting services and guidance on carbon reduction strategies. The reported emissions below have been reviewed by Carbon Architecture to ensure accuracy, representing a fair depiction of greenhouse gases emitted and prepared according to the GHG Protocol.

Baseline emissions represent the greenhouse gases produced historically, prior to the implementation of any emission reduction strategies. These baseline emissions serve as the reference point against which future emission reductions will be measured.

*Table 1: Baseline Carbon Emissions*

Baseline Year: 2022	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
The 2022 baseline detailed below was calculated using established datasets for Scope 1, Scope 2, and specific Scope 3 categories, including:	
<ul style="list-style-type: none"> <li>• Category 01: Purchased goods and services.</li> <li>• Category 02: Capital goods</li> <li>• Category 05: Waste generated in operations.</li> <li>• Category 06: Business travel</li> <li>• Category 09: Downstream distribution and transportation</li> </ul>	
Emissions for categories 4 (upstream transportation and distribution) and 7 (employee commuting) were not included due to limited data accessibility. This gap is being addressed in our carbon reduction initiatives, and we anticipate the inclusion of these datasets in our FY23 carbon footprint analysis.	
The Rhodar 2022 financial year runs from 1 <sup>st</sup> January 2022 to 31 <sup>st</sup> December 2022.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	2,954
Scope 2	79
Scope 3 (Included Sources)	Category 1 – 5,529 Category 2 – 272 Category 5 – 1,581 Category 6 – 61 Category 9 – 82
<b>Total Emissions</b>	<b>10,558</b>

To align with the requirement of PPN06/21, this Carbon Reduction Plan will be updated annually to reflect the most recent financial year of data.

**Carbon Reduction Targets**

Rhodar Industrial Services Ltd is committed to achieving net zero greenhouse gas emissions (GHG) for scopes 1, 2 and 3 by 2050.

To progress towards our net zero targets, we have committed to the following near-term targets. We project that carbon emissions will decrease by 11% over the next five years to 9,458 tCO<sub>2</sub>e by 2027.

Table 2: Near Term Targets to Net Zero

GHG Carbon Reduction Targets	2023	2024	2025	2026	2027
Scope 1 (tCO <sub>2</sub> e)	2,892	2,831	2,769	2,708	2,646
Scope 2 (tCO <sub>2</sub> e)	77	76	74	72	71
Scope 3 (tCO <sub>2</sub> e)	7,368	7,211	7,055	6,898	6,741
<b>Total Gross Emissions (tCO<sub>2</sub>e)</b>	<b>10,338</b>	<b>10,118</b>	<b>9,898</b>	<b>9,678</b>	<b>9,458</b>

A trajectory of our projected target emissions to 2050 is detailed in Figure 1 below.

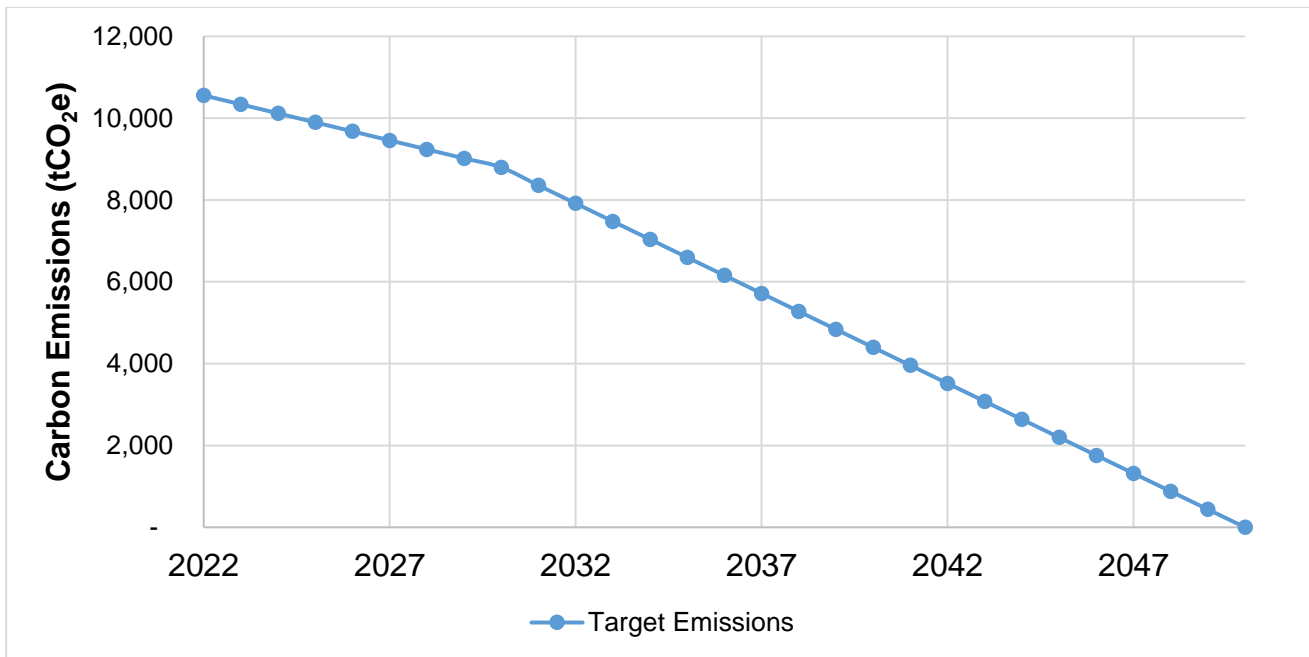


Figure 1: Target Emissions for Net Zero 2050

## Carbon Reduction Projects

---

The following environmental management measures and projects are being implemented, planned, or considered to support the delivery of our emission targets. These measures have been identified as part of our 2022 baseline and are not an exhaustive list of projects, but rather serve to illustrate our expected pathway to Net Zero emissions.

### Scope 1 and 2 Reduction Initiatives

- **Transport Fuel Reduction**
  - **Journey Planning:** Continued investment in technology to ensure efficient journey planning in line with fuel efficient / EV vehicles, along with the use of technology to minimise face to face meetings where possible
  - **Route Optimisation:** Investment in vehicle and mobile technology to ensure efficient route planning and re-routing to minimise fuel usage/journey distance.
  - **Vehicle Transition:** Continued replacement of company cars upon renewal with hybrid/EV options only and continued trialling of EV commercial vehicles for suitability for workload/distance requirements.
- **Office Sustainability**
  - **EPC Ratings:** Implement EPC ratings and other sustainability requirements for new office leases.
  - **Energy Efficiency:** Review heating and cooling systems, identify opportunities for control options, building fabric upgrades, LED lighting upgrades, and promote behavioural changes for energy efficiency improvements.
- **Project Site Energy:**
  - **Renewable Energy:** Explore opportunities to switch to mains electricity, solar power, or hybrid generators for all project sites.

### Scope 3 Reduction Initiatives

- **Data Collection Improvement**
  - **Standardisation:** Review and improve the current data collection process for Scope 3 emissions, focusing on standardising data entry and enhancing data quality.
  - **Granularity:** Enhance data granularity to identify further Scope 3 emission reduction projects.
- **Waste Management**
  - **Office Recycling:** Implement an office recycling policy to promote recycling practices among employees.
  - **On-Site Waste Segregation:** Continue with and develop our established clear waste segregation pathways and protocols for project sites to ensure proper handling and recycling of materials.
- **Sustainable Sourcing**
  - **Supplier Engagement:** Create a sustainable sourcing strategy for all future contracts, encouraging and supporting all suppliers to have a carbon reduction plan.

### Science Based Targets Initiative (SBTi) Approval

- **Target Setting:** Pursue Science Based Targets Initiative (SBTi) approval for our carbon reduction targets to ensure they align with the latest climate science.

**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 Rhodar Industrial Services Ltd**



Jason Davy – Managing Director

.....

Date: 19<sup>th</sup> July 2024