



TULLYRAINE QUARRIES Ltd.

PPN 06/21

Carbon Reduction Plan

Reporting Year 2024



Cabinet Office

Carbon Reduction Plan Guidance

Notes for completion

Where an In-Scope Organisation has determined that the measure applies to procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding entity and must meet the reporting requirements set out in supporting guidance and include the suppliers current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier's UK website. It should be approved by a director (or equivalent senior leadership) within the supplier's organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.

A template for the Carbon Reduction Plan is set out below. Please complete and publish your Carbon Reduction Plan in accordance with the reporting standard published alongside this PPN.

Supplier Name:

Tullyraine Quarries Ltd

Publication Date:

6th January 2025

Commitment to achieving Net Zero:

Tullyraine Quarries is committed to achieving Net Zero emissions by 2045.

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. Our baseline emissions take account of all Scope 1 and Scope 2 emissions. The five sub-categories of Scope 3 emissions are now included within our current 2024 reporting year, in line with the requirements of PPN06/21 and are calculated based on the methodologies detailed in Greenhouse Gas Corporate Standard Protocol.

Additional Details relating to the Baseline Emissions Calculations:

Due to the nature of the business, contract orders and operations changes year on year in terms of both scope and quantity. To ensure consistent reporting and accurate target setting, we will be adjusting our baseline emission year from 2023 to 2024 to include the five required Scope 3 sub-categories.

CO₂ emissions for Year 2024 have shown a reduction of 45.3 tco₂e (2%) for Scope 1 and Scope 2 emissions compared with previous baseline year 2023.

As data collection methods improve, we will continue enhancing reporting accuracy and refining carbon accounting to capture a more complete footprint in line with industry best practice.

Baseline Year

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: 2023 (Jan-Dec23)	
Additional Details relating to the Baseline Emissions calculations.	
Tullyraine Quarries Ltd produced a full Scope 1 and Scope 2 baseline during 2023. This baseline will be used to benchmark towards net zero targets.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1802
Scope 2	230
Scope 3 (Included Sources)	Scope 3 not included in current baseline (5 sub-categories included within the current 2024 reporting year)
Total Emissions	2032

Current Reporting Year

Reporting Year: 2024 (Jan24-Dec24)	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1803.9
Scope 2	182.8
Scope 3 (Included Sources)	39.3
Total Emissions	2026

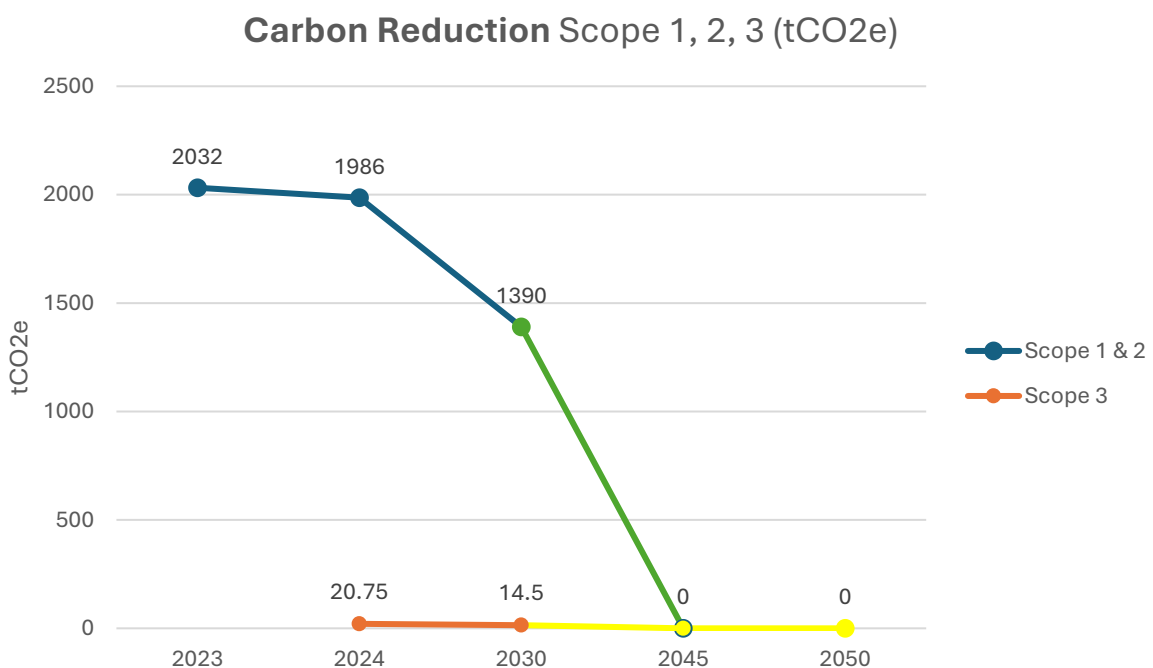
*Included Scope 3 Emissions Source: Cat 4 Upstream Transportation and Distribution, Cat 5 Waste Generated in Operation, Cat 7 Employee Commuting

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

Scope	Target Reduction %	Date
Scope 1 & Scope 2	30%	2030
Scope 3	20%	2030

We project that our Scope 1 and Scope 2 emissions will decrease by 30% over the next five years to 2030 in line with our ISO14001 targets. We project that the current categories of Scope 3 emissions which we report will decrease by 20% over the next five years to 2030. Progress towards these targets is outlined below:



Note: We are working to increase the scope of monitoring, measuring and reporting of Scope 3 emissions to include more sub-categories and so expect absolute Scope 3 emissions to rise to reflect this.

Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2023 baseline.

Tullyraine Quarries has implemented a net zero strategy to challenge the business to reduce emissions and achieve net zero by 2045. We recognise our responsibility to eliminate and to reduce our emissions over the coming years in line with our targets. These include:

- Investment in a new multi-million-pound asphalt plant that will reduce carbon footprint by producing recycled material and less fuel consumption
- Operation of Environmental Management System which is third party accredited by SGS to ISO14001:2005 International Standard
- Investment in ESG / sustainability reporting software
- Full carbon audit to understand emissions
- Phase out of red diesel
- Production of carbon itinerary across scope 1, scope 2 and scope 3 emissions
- Carbon Reduction Plan produced outlining targets to be achieved across the business
- Project Carbon Reduction Plan implemented across projects
- Monitoring, measuring and reporting of Scope 1 and Scope 2 emissions
- Carbon reduction training to all employees
- Aim to increase monitoring, measuring and reporting of Scope 3 emissions Cat in 2025
- Baseline will be adjusted to 2024 reporting year to include 5 sub-categories of Scope 3 emissions
- Cat 6 Business Travel and Cat 9 Downstream Transportation & Distribution being tracked and reported in 2025 reporting year.

In the future we hope to implement further measures such as:

- Carbon literacy course to our supply chains
- Signing up to green energy tariff
- Explore renewable energy options on site
- Investigate opportunity to use electric plant and equipment

Declaration and Sign Off

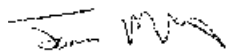
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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 the Supplier:

A handwritten signature in black ink, appearing to be 'J. McCartan', is written over a horizontal line.

Signed: James McCartan

Role: Director

Date: 6th January 2025

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>