

# Metrail Construction Limited Carbon Reduction Plan

In accordance with requirements of PPN006

Published: October 2025



## Commitment to Achieving Net Zero

Metrail is committed to achieving net zero emissions by 2050, with the following targets set to support achieving our goal:

- Halve our greenhouse gas emissions before 2030
- Achieve net zero emissions by 2050
- Disclose our progress on a yearly basis as part of our Carbon Reduction Plan

### 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.

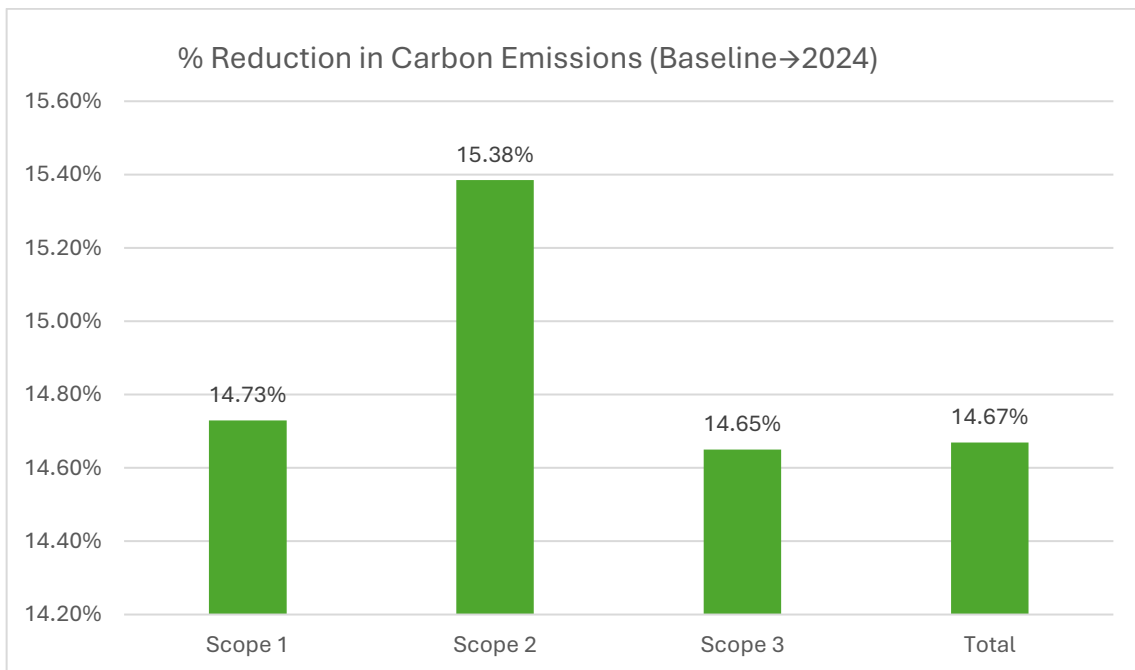
Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline year: 2023	
<b>Additional details relating to the baseline emissions calculations:</b>	
Our baseline year 2023 represents the first full year for which data on our carbon emissions was collected. Emissions for this year were calculated using the UK Government's recognised methodology and official Greenhouse Gas Conversion Factors for Company Reporting, published by the Department for Energy Security and Net Zero (DESNZ). This provided a consistent and transparent starting point against which future reductions can be measured.	
<b>Baseline year emissions:</b>	
<b>Emissions</b>	Total (tCO <sub>2</sub> e)
<b>Scope 1</b> -direct emissions- petrol, diesel, oil, etc	<b>104.9</b>
<b>Scope 2</b> - Indirect Energy Emissions - Electricity used to power office equipment, lighting, computers, etc.	<b>2.6</b>
<b>Scope 3</b> - Other Indirect Emissions – business travel, waste disposal, Transportation and distribution (by suppliers or third parties)	<b>440.7</b>
<b>Total emissions</b>	<b>548.2</b>

## Current Emissions Reporting

Reporting year: 2024	
<b>Emissions</b>	<b>TOTAL (tCO2e)</b>
<b>Scope 1</b>	<b>89.449</b>
<b>Scope 2</b>	<b>2.2</b>
<b>Scope 3 (included sources)</b>	<b>376.137</b>
<b>Total emissions</b>	<b>467.786</b>

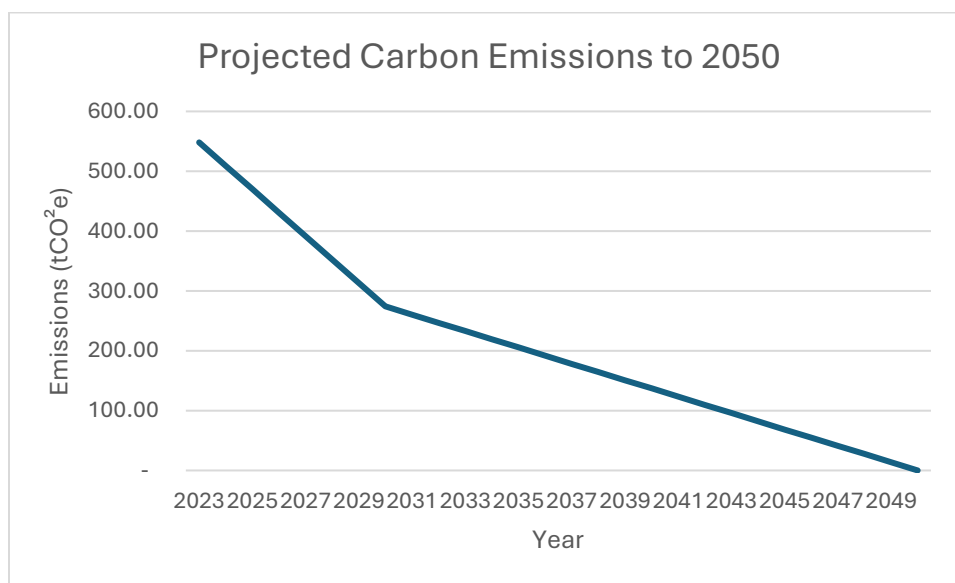
Our carbon emissions were reduced more significantly than our target of 10% between our baseline of 2023 to 2024, shown in the graph below; This is reflective of some impactful changes we were able to make early on. We anticipate future years the annual reduction to be less, but in line to achieve our target of net zero by 2050.



## Emissions Reduction Targets

### Commitment to achieving Net Zero Emissions

The graph shows our projected carbon emissions from 2023 to 2050. Starting from a 2023 baseline of 538 tCO<sub>2</sub>e, we plan to cut emissions by 50% by 2030 through practical actions like improving office energy efficiency, upgrading our fleet, and reducing material waste on projects. From 2030 to 2050, emissions will continue to fall gradually, with any remaining emissions offset to achieve Net Zero by 2050, a full 100% reduction from our baseline.



### Carbon Reduction Projects

Metrail is committed to implementing practical measures to reduce its carbon footprint and achieve the emissions reduction targets set out in this plan. The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these schemes equate to 70.5 tCO<sub>2</sub>e, a 14.5% reduction against the 2023 baseline and the measures will be in effect when performing the contract.

#### Carbon reduction projects to date:

##### Scope 1

- Installation of Easitrack telematics across operational fleet to identify and correct inefficient driving behaviours, reducing fuel use and associated emissions
- Transition of company cars to low-carbon alternatives, with 33% now fully electric
- Inclusion of electric powered plant in project quotations to encourage adoption if progress to award

##### Scope 2

- Relocation to a more efficient office space to reduce unused floor area and overall energy demands

- Installation of LED lighting and rooftop solar panels at new premises
- Installation of EV charging points at new premises

### Scope 3

- Use of resin injection stabilisation to significantly reduce embodied carbon associated with traditional replacement methods
- Adoption of digital document management system Re-flow to reduce paper
- Implementation of material drum recycling scheme to reduce waste
- Supporting hybrid working and meeting via video call where practicable
- Delivery of CPD sessions to promote understanding and adoption of lower carbon engineering solutions

Our environmental management system is certified to ISO 14001, and this framework will support our journey to achieve net zero by 2050. We also align ourselves to the UN's Sustainable Development Goals through our Sustainability Plan. This Framework consists of 17 development goals in total, to improve the climate, society and economic growth globally.

### Future Carbon Reduction Initiatives

Metrail is committed to continually improving its environmental performance and exploring additional opportunities to reduce its carbon footprint. Future initiatives being considered include:

- Continue to transition to electric vehicles for our company car fleet as replacement cycles occur
- Evaluate feasibility of electric or hybrid vehicles for operational fleet/site transport
- Undertake trials of zero emissions site plant and equipment to assess operational viability
- Transition office electricity supply to certified renewable energy tariffs
- Encourage employees to adopt low-carbon commuting
- Continue to support hybrid working and meeting via video call where practicable
- Continue to minimise waste generation and increase reuse and recycling in accordance with the waste hierarchy (Prevent, Reuse, Recycle, Recovery and Disposal)
- Work with our supply chain to identify and implement innovative carbon-saving products, materials and approaches
- Explore alternative cold-applied plug joint solutions with our Clients for consideration on trial schemes
- Continue to deliver CPD presentations highlighting the carbon reduction benefits of our Resin Injection Concrete Stabilisation Solution
- Integrate PAS 2080 (Carbon Management in Infrastructure) requirements into our management system, progressing to certification early 2026
- Exploring ISO 14064 or other relevant environmental certifications to formalise carbon management practices.

Metrail will continue to identify, assess, and implement further initiatives as technologies and opportunities evolve, and will report progress annually as part of its Carbon Reduction Plan.

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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<sup>13</sup> and uses the appropriate government emission conversion factors for greenhouse gas company reporting.<sup>14</sup>

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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.<sup>15</sup>

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:**



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**Martyn Sherwood - Managing Director**

**Dated:** 8<sup>th</sup> October 2025