

# Carbon Reduction Plan

Sir Robert McAlpine Ltd.

April 2025

## Supplier Name

Sir Robert McAlpine Ltd

## Publication Date

10/04/2025

This carbon reduction plan conforms to the requirements of Procurement Policy Note PPN06/21: “Taking Account of Carbon Reduction Plans in the Procurement of Major Government Contracts” and the supporting “Technical Standard for the Completion of Carbon Reduction Plans”.

## Commitment to Achieving Net Zero

Sir Robert McAlpine is committed to achieving Net Zero emissions by 2045 for our full value chain. This commitment forms one of the four pillars in our Sustainability Strategy.

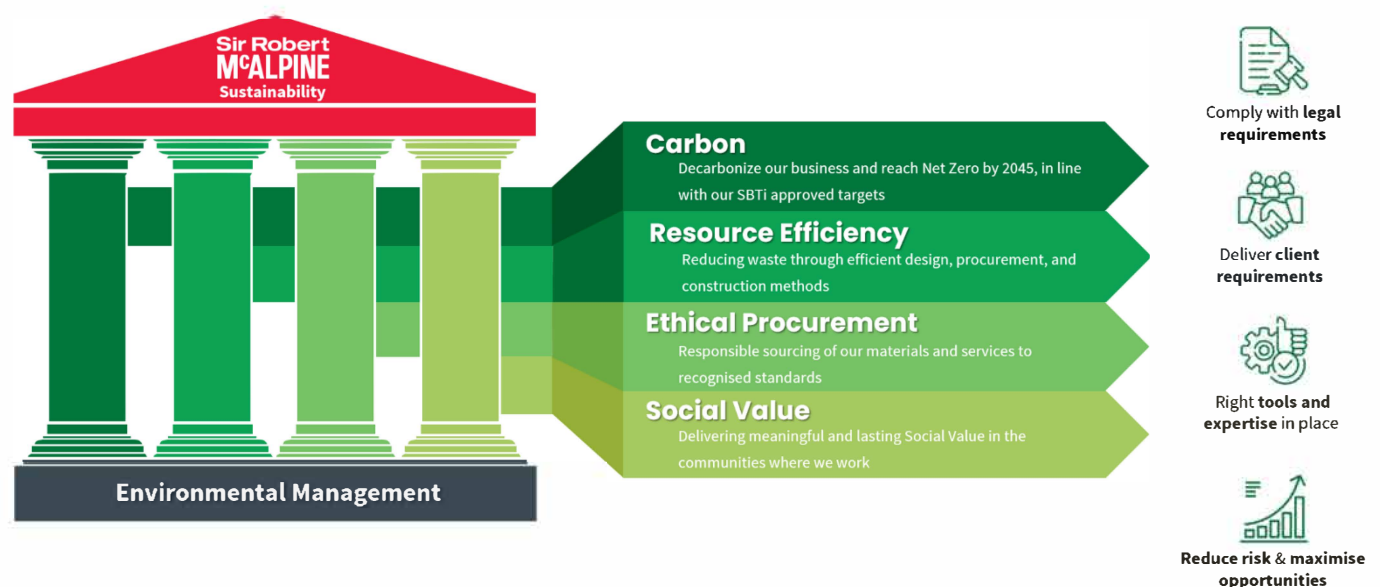


Figure 1 - SRM Sustainability Strategy

In 2023, we became the 2<sup>nd</sup> major UK construction and engineering company to have our Net Zero targets validated by the Science Based Targets Initiative (SBTi) against their Corporate Net Zero standard. This approval has ensured our targets are ambitious, credible, and aligned with the Paris Agreements goal of keeping planetary warming to 1.5°C, limiting the worst impacts of climate change.

Sir Robert McAlpine is committed to achieving net zero GHG emissions across our value chain by 2045. This includes a near-term target to reduce absolute emissions 42% by 2030 and a long-term target reduction of 90% by 2045. The residual emissions, up to a maximum of 10% will then be offset through certified schemes.

## 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:	Financial year 2019/20
<p>Additional Details relating to the Baseline Emissions calculations:</p> <p>Our 2019/20 financial year (1<sup>st</sup> November -31<sup>st</sup> October) is to be used as our baseline year for our emissions reduction and reporting against the requirements of the PPN. Our baseline scope of emissions is aligned to the boundary defined by PPN06/21, except for:</p> <ul style="list-style-type: none"><li>- Scope 3, Category 9 – not applicable for our business as we deliver fixed assets, therefore there are no emissions associated with the transportation and distribution of sold products.</li></ul> <p>This year we recalculated our baseline emissions to align with our current methodology, ensuring consistency and increasing accuracy. This included an improved calculation methodology for scope 3 emissions, using updated proxy values and a third-party calculation engine. Note: our baseline year and the emissions sources included in our inventory remain unchanged.</p> <p>The recalculated baseline is stated below:</p>	
Baseline year emissions	
Emissions	Total (tCO <sub>2</sub> e)
Scope 1	5,033
Scope 2 (Market based)	1,272
Scope 3 (includes all applicable sources required by PPN06/21, except for 3.9 Downstream transportation and distribution as noted above)	18,204
<b>Total Emissions</b>	<b>24,509</b>

## Current Emissions and Performance

Reporting Year	Financial year 2023/24
Emissions	Total (tCO <sub>2</sub> e)
Scope 1	1,166
Scope 2 (Market based)	373
Scope 3 (includes all applicable sources required by PPN06/21, except for 3.9 Downstream transportation and distribution as noted above)	15,276
<b>Total Emissions</b>	<b>16,815</b>

The performance below summarizes progress against our SBTi validated Net Zero target. This includes emissions sources above the requirements of PPN 06/21.

Further detail on our performance can be found at [netzero.srm.com](https://netzero.srm.com)

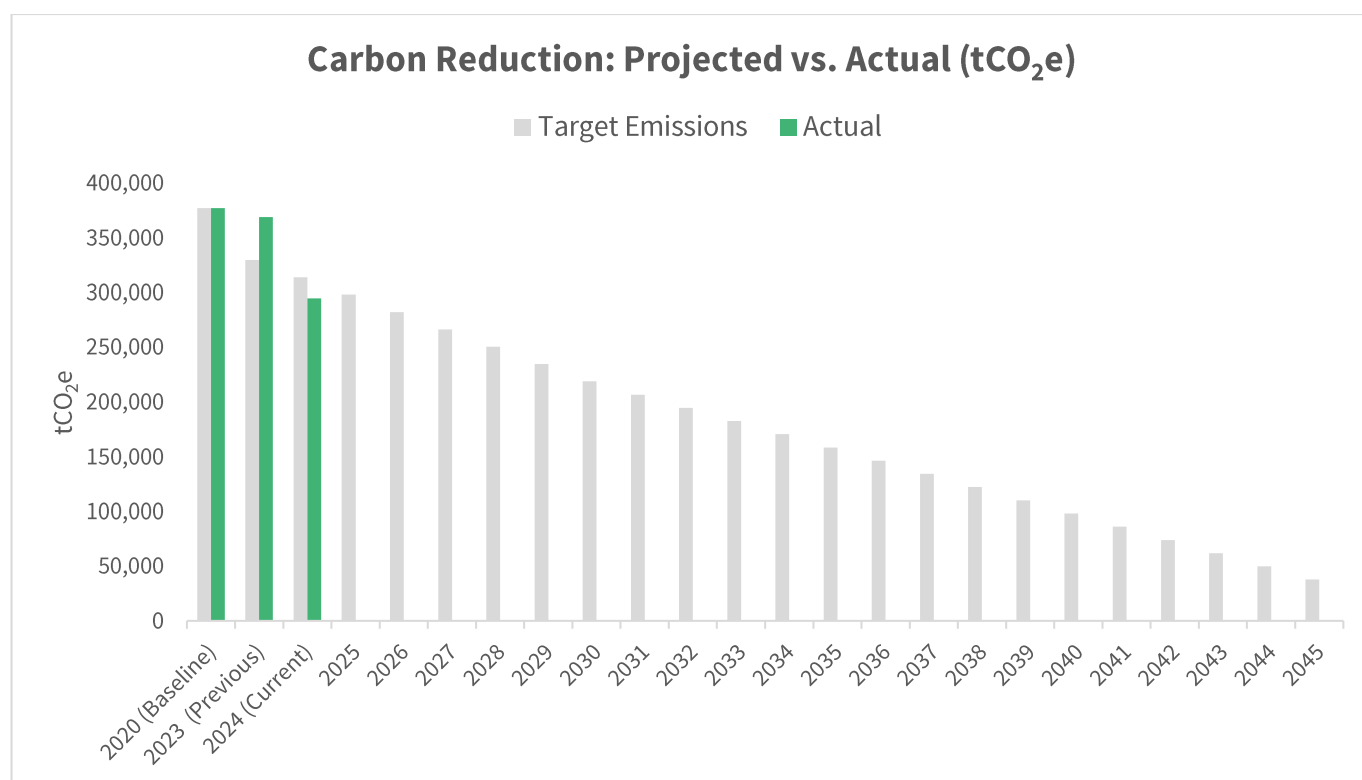


Figure 2 - Performance against targets.

## Carbon Reduction Projects

Our Net Zero action plan ensures we take immediate and sustained action to deliver Net Zero by 2045.

*Below is a summary of some of the actions and initiatives undertaken this year:*

- Achieved certification to the carbon management standard PAS2080. Integrating our approach to carbon across our business and ensuring we have robust systems, processes and capability in place to identify and manage carbon reduction opportunities.
- Increased our supply of electricity from renewable energy tariffs to 87%, with a target to reach 100% by end of 2025.
- Replaced over 618,000 litres of diesel with lower carbon HVO fuel.
- Continued to support the Climate groups ConcreteZero and SteelZero initiatives. 60% of our ready-mix concrete meets the definition of 'Low Embodied Carbon Concrete'. Ahead of the 30% by 2025 and 50% by 2030 targets. With 44% of our structural steel and steel reinforcement 'low emission steel'. Putting us on track to achieve the interim target of 50% by 2030
- Continued use of low carbon materials and products on our projects, including ultra-low carbon concrete, mortar and steel, hybrid generators and solar lighting towers.
- Trialled innovative materials and products such as Ternary cements, Basalt reinforcement and Hydrogen generators.
- Continued our transition from a spend based approach to calculating emissions from purchased goods and services to a quantity based one for concrete, structural steel and steel reinforcement.
- Supported initiatives to help our people transition to electric vehicles.
- Supporting the transition to a circular economy and greater resource efficiency by promoting the reuse and upcycling of materials on our projects e.g. reuse of structural steel.
- Used our Net Zero microsite to enhance communication and transparency on our pathway to Net Zero 2045.
- Shared our experience and learnings with the wider industry.
- Continued engagement with our supply chain on Net Zero
- Revised our minimum carbon standards and meaningful actions
- Run a carbon engagement campaign with our employees
- Developed our carbon offsetting and removal strategy
- Verification of our GHG emissions data against ISO 14064-3:2019

Further detail on our actions and best practice case studies can be found at [netzero.srm.com](https://netzero.srm.com)

## Declaration and Sign Off

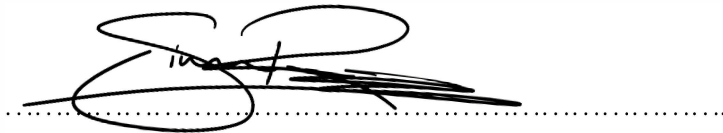
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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 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 the Supplier:



Simon Richards  
Sustainability Director  
Sir Robert McAlpine Ltd

Date: 10<sup>th</sup> April 2025



Neil Martin  
Chief Executive  
Sir Robert McAlpine Ltd

Date: Date: 10<sup>th</sup> April 2025