

The logo for Laing O'Rourke, featuring the company name in white capital letters centered between two horizontal bars, a yellow one on top and a red one on the bottom, all contained within a black rectangular box.

LAING O'ROURKE

Carbon Reduction Plan – FY21
Laing O'Rourke Construction Limited

September 2021

Carbon Reduction

Supplier name: Laing O'Rourke Construction Ltd

Publication date: September 2021

Commitment to achieving Net Zero

Laing O'Rourke is committed to achieving Net Zero emissions before 2050.

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: FY21- Apr 2020 to Mar 2021	
Additional Details relating to the Baseline Emissions calculations.	
This Baseline report serves as the first-year report of GHG emissions covering Scopes 1, 2 and 3 for Laing O'Rourke Construction Ltd.	
This baseline deviates from the requirements under PPN 06/21 as follows:	
<ul style="list-style-type: none">• Categories 1 are additionally included• Categories 9 have no emissions associated with them	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	10,400
Scope 2	3,663 (Location Based)
Scope 3 (Categories 1,4,5,6,7)	212,585
Total Emissions	226,648

Current Emissions Reporting

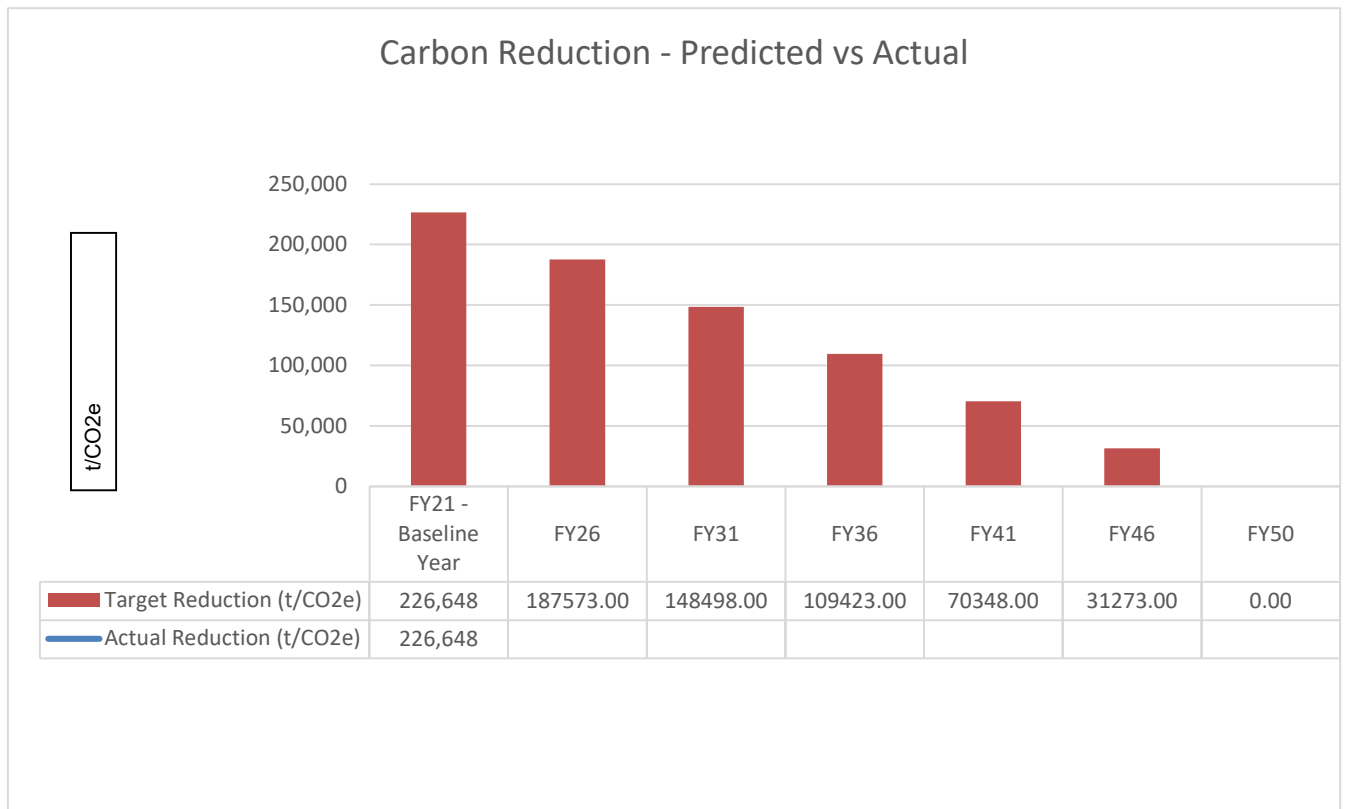
Reporting Year: FY21 - Apr 2020 to Mar 2021 (same as baseline year above)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	10,400
Scope 2	3,663 (Location Based)
Scope 3 (Categories 1,4,5,6,7)	212,585
Total Emissions	226,648

Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 187,573 tCO₂e by 2026. This is a reduction of 17.24%

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to 3,325 tCO₂e, a 1.25% reduction against the 2021 baseline and the measures will be in effect when performing the contract

- We are a Gold Status participant of CEMARS Carbon Reduce carbon management program.
- We have switched our electricity to a REGO backed green energy tariff
- We are currently switching the diesel and petrol company car fleet over to Hybrid electric and full electric
- We have purchased the UK's first fully electric Crawler Crane
- We have implemented ISO 14001 Environmental Management and ISO 50001 Energy Management across the business
- All projects will implement an Environmental and Energy Management plan and implement Energy Action Plans to help reduce energy usage during the works.

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

- Moving away from fossil fuels to power construction plant to implementing biodiesel/HVO or equivalent alternative
- Procure three further fully electric powered crawler cranes
- Install Solar/PV at our manufacturing facilities
- Implement sub-metering on electric supplies to new worksites and depots
- Committed to the SBTi in the near future
- To address the Scope 3 impact on the business, LOR started sustainability round tables with its key suppliers to address carbon reduction within the supply chain. This engagement will continue with LOR's wider supply chain.

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 standard⁷ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁸.

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) Standard⁹.

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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Date: 29 09 2021
