

The logo for Laing O'Rourke is centered in a dark grey rectangular box. It features the company name "LAING O'ROURKE" in a bold, white, sans-serif font. Above the text is a horizontal yellow bar, and below the text is a horizontal red bar.

LAING O'ROURKE

Carbon Reduction Plan – FY22
SELECT Plant Hire Company Limited

March 2023

Carbon Reduction

Supplier name: SELECT Plant Hire Company Limited

Publication date: March 2023

Commitment to achieving Net Zero

SELECT Plant Hire Company Limited is committed to achieving Net Zero in operational carbon (Scope 1 & 2) by 2030 and become Net Zero company 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: FY20- Apr 2019 to Mar 2020	
Additional Details relating to the Baseline Emissions calculations.	
SELECT Plant Hire Company Limited a subsidiary of Laing O'Rourke PLC have been measuring and reducing carbon emissions since it joined the CEMARS program in 2008. We have also had our carbon inventory externally verified by Achilles every year.	
This Baseline report serves as the first-year report of GHG emissions covering Scopes 1, 2 and 3 for SELECT Plant Hire Company Limited.	
This baseline deviates from the requirements under PPN 06/21 as follows: Scope 3 Cat 9 are not reported as SELECT Plant Hire Company Limited do not have emissions associated with that category.	
Baseline year emissions: Apr 2019 to Mar 2020	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1,662.98
Scope 2	508.64
Scope 3 (Categories 4,5,6,7)	1,857.21
Total Emissions	4,028.83

Current Emissions Reporting

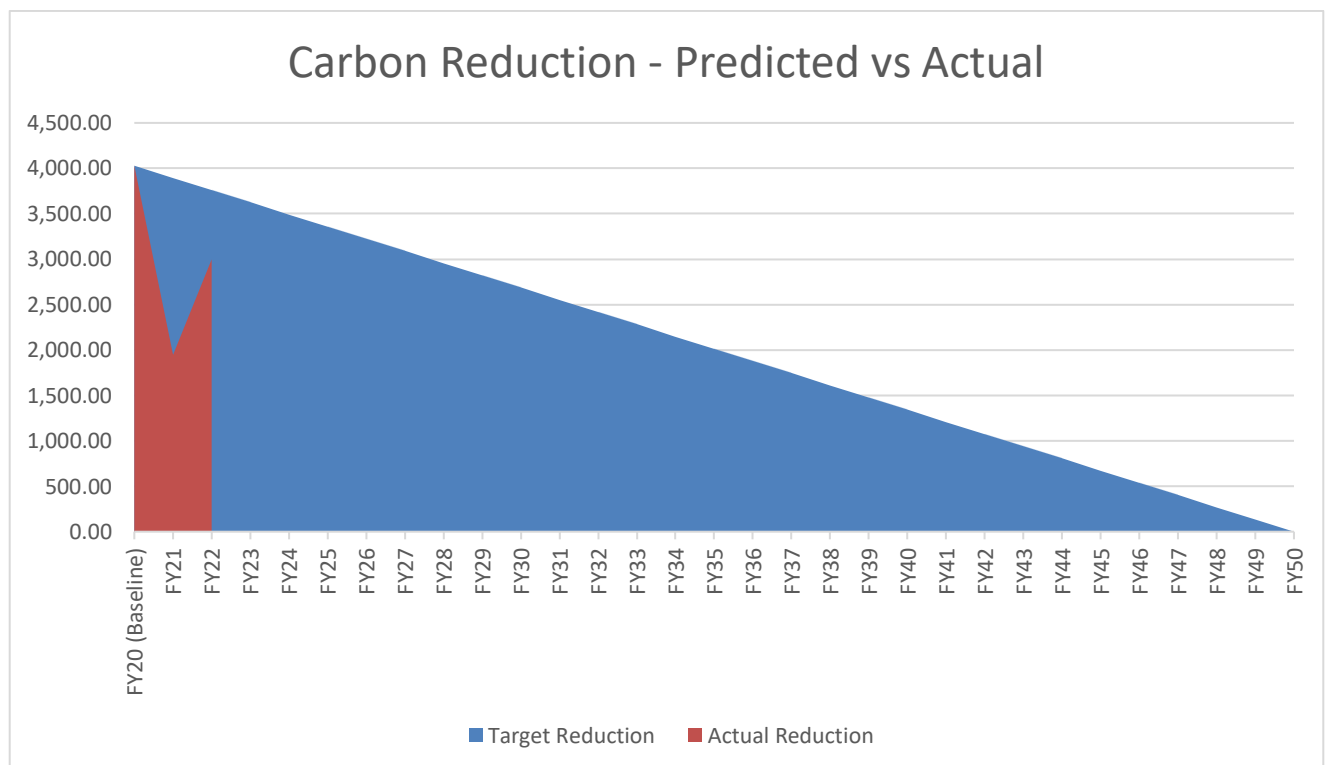
Reporting Year: FY22 - Apr 2021 to Mar 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1,070.37
Scope 2	323.62
Scope 3 (Categories 4,5,6,7)	1,062.37
Total Emissions	2,996.35

Emissions reduction targets

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

1. Net-Zero in our operational emissions (Scope 1 & 2) by 2030
2. Net-Zero in all Scopes before 2050
3. We project that carbon emissions will decrease to 3,357.36 tCO₂e by FY25. This is a reduction of 16.57%

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 2019/20 (FY20) baseline. The carbon emission reduction achieved by these schemes equate to 1,032.48 tCO₂e, a 25.6% reduction against the FY20 baseline and the measures will be in effect when performing the contract

- We are a Platinum Status participant of the Tiotu Carbon Reduce Program (Formally CEMARS) with our carbon emissions independently verified.
- We continue with 100% Renewable electricity to a REGO backed green energy tariff
- We are continuing to switch the diesel and petrol company car fleet over to Hybrid electric and full electric vehicles.
- We purchased the UKs first unplugged battery-powered Crawler Crane in February 2021 and since then purchased a further 3 unplugged battery-powered crawler cranes in FY22.
- SELECT Plant Hire Company Limited partnered with PUNCH Flybrid launching the first PUNCH Flybrid on a London construction site in September 2021. Partnering with Punch Flybrid has enabled Select Plant Hire to use flywheel technology to capture energy from machines or vehicles that would normally be wasted and stores it in a high-speed energy storage flywheel. The recuperated energy can then be used to power the machine or vehicle, improving performance, saving fuel, and reducing emissions. It also halves the generator size required to power tower cranes and electric concrete pumps with the aim to reduce diesel usage when generators are required.
- We have implemented ISO 14001 Environmental Management and ISO 50001 Energy Management across the business.
- All depots will implement an Environmental and Energy Management plan and implement Energy Action Plans to help reduce energy usage during the works.
- We have begun to phase out fossil fuels to power plant by implementing biodiesel /HVO across our sites.
- We have completed EV charging infrastructure at a number of our depots.

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

- Procure further fully electric powered heavy plant for our construction sites
- Complete the phase out of the diesel company car fleet and replace with EV vehicles.
- Investigate Power Purchase Agreements with our energy Supplier
- Explore Solar/PV at our depots across the country
- Look to increase the number of unplugged battery-powered crawler cranes
- Continue to roll out PUNCH Flybrids across sites to decrease diesel generator size and reduce emissions and diesel usage
- Implement sub-metering on electric supplies to depots
- Committed to the SBTi in the near future
- Investigate Hydrogen and battery power for our sites and plant.

Declaration and Sign Off

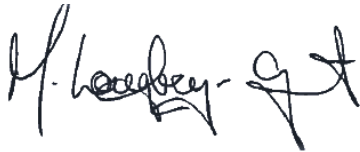
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

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) Standard⁶.

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 read 'M. Hoadley' followed by a stylized flourish.

Date: 28/03/2023

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>