ROLLALONG
PERMANENT OFFSITE CONSTRUCTION

Carbon Reduction Plan

Supplier name: **Rollalong Ltd**

Publication date: **13th June 2026**

1. Commitment to achieving Net Zero

Rollalong is committed to achieving Net Zero emissions by 2050.

2. 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.

This is the first reporting year, but it was decided, due to covid, that the most appropriate full year to accurately reflect a normal running year was 2018.

Baseline year: 2018
Additional Details relating to the Baseline Emissions calculations.
The data below has been extrapolated from an appropriate base year of 2018. Every effort was made to retroactively piece together the business activity at that time. Very little gaps occur in the data, including many of the scope 3 emissions. All scope 1 and scope 2 emissions have been rationalised via direct sales of measurable fuel and should be considered extremely accurate. In terms of estimations for PPN 006 reportable scope 3, the only real estimation potentially out of the ordinary, was upstream transport. This data was extrapolated from build scenario uses as a part of a whole life embodied carbon assessment per m^2 of product floor area. This methodology is approved by RICS, and will be fairly accurate, if not precise. As more of these calculations are undertaken for different build scenarios this data will be refined.

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Baseline year emissions: 2018		
EMISSIONS	**TOTAL (tCO_2e)**	
Scope 1	Owned Fleet Diesel – Operated Miles – Natural Gas Buildings – Red Diesel – **Total -**	109.4 96.2 218.9 49.42 **473.9**
Scope 2	Electricity **Total -**	 **146.266**
Scope 3 **(Included Sources)**	Upstream Transport – Downstream Transport – Commuting – Waste – Water – Business travel – **Total –** For reference and scale, other Scope 3 A1-A3 + C1-C4 for the product: A1-A3 – 116.13 C1-C4 – 5.29	146.3 119.9 160.32 8.8 2.0 96.2 **419.6**
Total Emissions	**1039.8**	

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3. Current Emissions Reporting

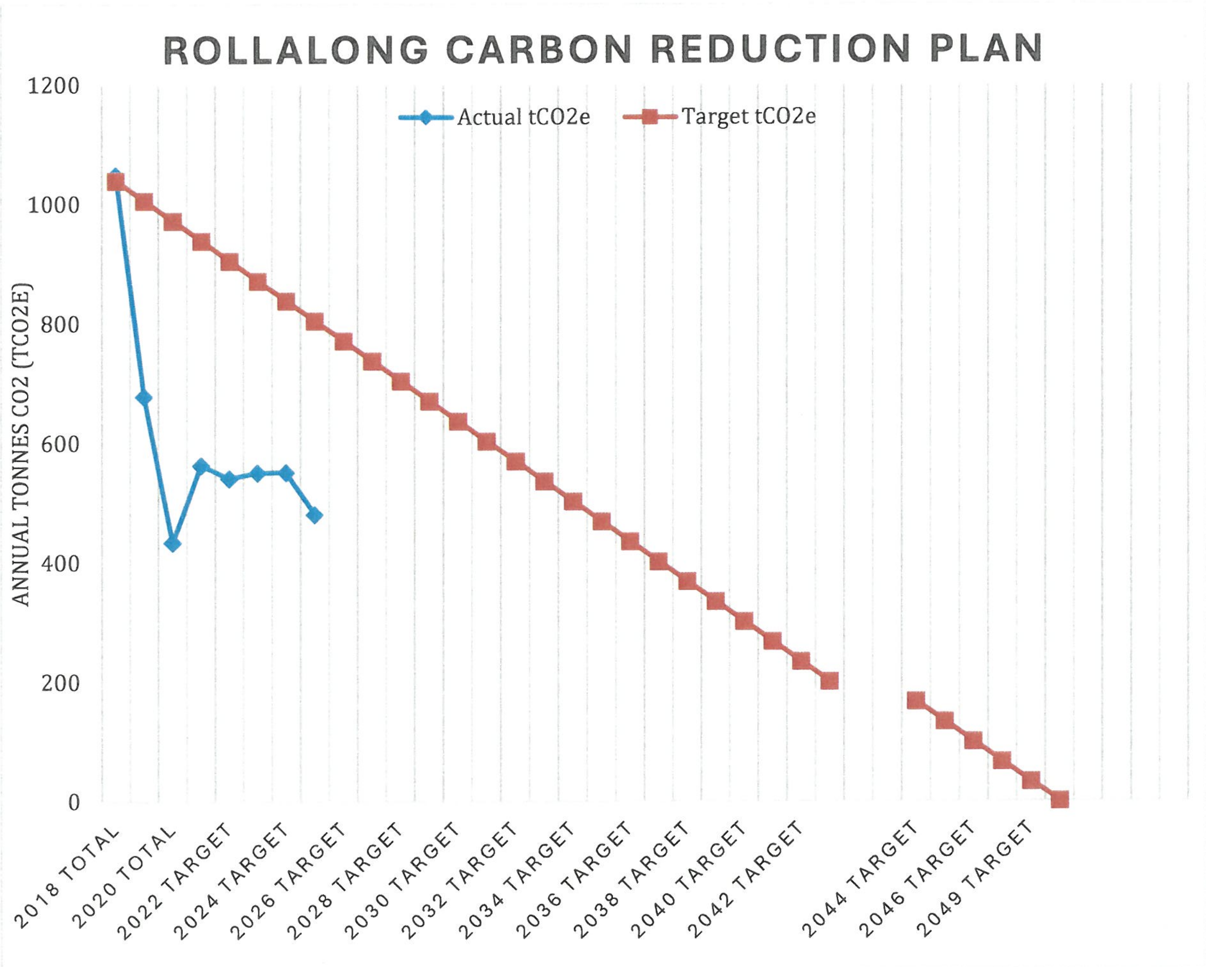
Reporting Year: 2025		
EMISSIONS	**TOTAL (tCO_2e)**	
Scope 1	Owned Fleet Diesel – Owned Fleet Petrol – Operated Miles – Natural Gas Buildings – Plant Diesel – **Total -**	25.5 17.92 27.4 172.75 11.8 **255.43**
Scope 2	Electricity **Total -**	 **45.6**
Scope 3 **(Included Sources)**	Upstream Transport – Downstream Transport – Commuting – Waste – Water – Business travel – **Total –** For reference and scale, other Scope 3 A1-A3 + C1-C4 for the product: A1-A3 – 5015.2 C1-C4 – 228.6	31.9 3.2 117.0 2.88 4.5 27.5 **159.5**
Total Emissions	**460.52**	

4. Emissions reduction targets

In order to continue our progress towards achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the ten years following the implementation of this plan to below 636 tCO_2e by 2030. This represents a reduction of 39% against the target.

The dip in emissions in 2020 was due to a reduction in activity from the COVID-19 pandemic. The 2018 baseline year was chosen not to show a significant reduction but to paint a realistic picture of the task the organisation needs to undertake to decarbonise, reflecting what would have normally been expected for the organisation. We anticipate a real terms increase in emissions over the following five years due to activity picking up again. However, the organisation intends to implement energy efficiency and emission reduction programs to ensure we do not exceed our target reduction curve.

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



5. Carbon Reduction Projects

5.1 Completed Carbon Reduction Initiatives

- The lighting within Rollalong's manufacturing facility is being progressively upgraded to energy-efficient LED units as existing fittings reach the end of their serviceable life.

- Diesel-powered plant used within Rollalong's manufacturing facility is being replaced with electric-powered alternatives as equipment reaches the end of its serviceable life.

- Diesel-powered fleet vehicles are being replaced with electric or hybrid alternatives at the end of their lease periods.

5.2 Future Carbon Reduction Initiatives

Short term:

- **Energy Assessment**: Rollalong's manufacturing facility is scheduled to undergo an annual comprehensive energy assessment to ascertain the daytime energy loads, the energy consumption patterns of the mechanical and electrical (M&E) systems, and the machinery used in production.

- **Air Compressor Efficiency**: Short-term manufacturing efficiencies will target the air compressor system, including the equipment and any leaks in the system.

- **Roof Insulation**: The factory roof is to be refurbished to install modern insulation during 2026/27. This upgrade will significantly reduce the space heating load on the building. Exact measurable savings will be modelled as part of the impending energy audit process.

Medium term:

- **PV Panels Installation**: Upgrades being explored include the introduction of photovoltaic (PV) panels to generate on-site energy. This system will be sized to drastically reduce the organisation's scope 2 emissions and significantly decarbonize the factory vehicles.

- **Electric Forklift Trucks**: Once the PV system is installed, the transition to electric forklift trucks will be targeted.

- **EV Chargers Installation**: EV chargers will be installed on-site to decarbonize company cars and provide a charging place for employee commuters' electric vehicles.

This upgrade or electrification of the entire operation would directly target 402 tCO_2e of the baseline year. This should eliminate roughly half of all the organisation's carbon emissions and should be completed within the next 10 years to meet our net-zero goals.

6. Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 (previously 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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of Rollalong:

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Steve Chivers, Rollalong Managing Director

Date: 13th June 2026

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3] https://ghgprotocol.org/standards/scope-3-standard