

Carbon Reduction Plan – PPN 06/21

Supplier name: Polar Speed Distribution Limited.

Publication date:.....

Commitment to achieving Net Zero

Polar Speed Distribution Ltd is committed to achieving Net Zero emissions by 2045.

Baseline Emissions

Baseline Year: 2024		
Additional Details relating to the Baseline Emissions calculations.		
Polar Speed business activity has grown significantly in 2024, as evidenced by a significant increase in revenues. This has led to a proportionate increase in emissions and so this report is being used as Polar Speed's new GHG emissions baseline. This aligns with SBTi guidance on baselining, and also mirrors the group SBTi targets from Marken, which have also used 2024 as a baseline.		
Baseline year emissions:2024		
EMISSIONS	TOTAL (tCO₂e)	
	Location Based	Market Based
Scope 1	9,963.68	9,963.68
Scope 2	520.11	14.99
Scope 3	17,325.62	17,159.31
Total Emissions	27,809.41	27,137.98
Intensity tCO₂e/£m	371.43	362.47

Current Emissions Reporting

Reporting Year: 2024		
EMISSIONS	TOTAL (tCO ₂ e)	
	Location Based	Market Based
Scope 1	9,963.68	9,963.68
Scope 2	520.11	14.99
Scope 3	17,325.62	17,159.31
Total Emissions	27,809.41	27,137.98
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Emissions reduction targets

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

In line with the Marken Precision Logistics Science Based Target initiative (SBTi) targets, Polar Speed has adopted two interim targets: a 42% reduction in scope 1 and 2 emissions, and a 25% reduction in scope 3 emissions relating to upstream transport, both by 2030.

These targets have been set in accordance with guidance from the Science-Based Targets Initiative (SBTi), using 2024 (the data contained within this report) as the new baseline.

The 2030 targets are aligned with the those set by Marken Precision Logistics – which have been approved by SBTi in October 2025 also using a 2024 baseline – however Polar Speed is targeting net zero in 2045 instead of Marken Precision Logistics' 2050 goal as a means to achieve the NHS Evergreen expectations

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

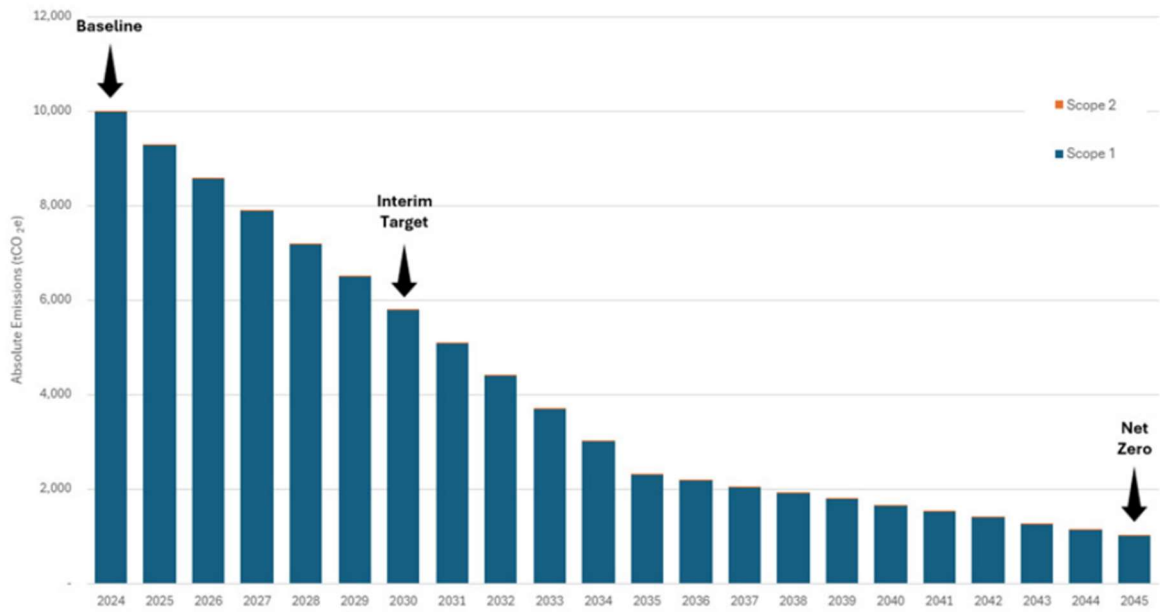


Figure 1. Polar Speed carbon reduction plan – scope 1 & 2 focus

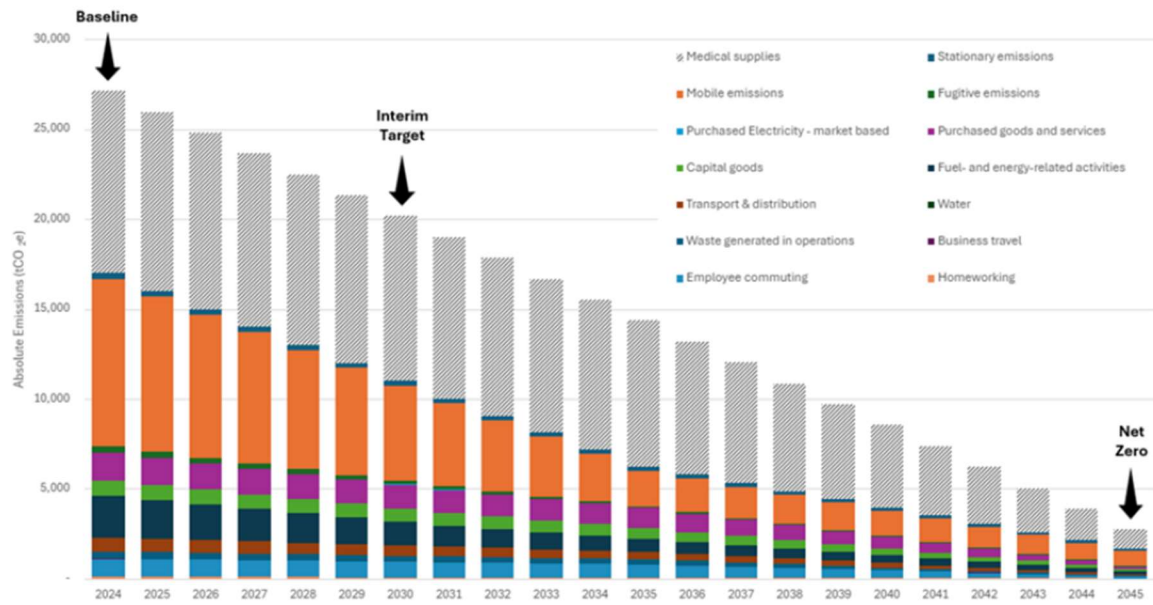


Figure 2. Polar Speed carbon reduction plan summary: All scopes

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2024 baseline.

- Three electric vehicles were added to the fleet in 2024.
- All fork pallet trucks were electrified in 2024.
- 8 new EV chargers were installed for refrigerated vehicles.
- Investigation started to shift diesel vehicles to HVO.
- Committed to becoming ISO14001 certified in the following reporting year, started with document creation and auditing schedules.
- Every April is Sustainability month where we focus on training our staff and enhance CO2 awareness. We use this time to share our sustainability objectives and provide extra training to our procurement staff.
- Continued to install LED lights in Hubs and larger facilities (2 more facilities were added in 2024).
- Long term gas boilers are being phased out and heat pumps are being installed to power air conditioning and ambient & chilled storage units.
- Senior staff now discuss sustainability on a monthly basis, with regular check-ins on how to achieve the carbon reduction plan and our interim and net zero goals.
- All buildings are provided with EPC reports in conjunction with their carbon footprint.
- Sub-metering is being installed in all buildings, in 2024 we completed the metering for Birmingham as a trial project.
- A survey and feasibility report has been done for ESOS to promote the move to fully using renewable energy.

Future Carbon Reduction Initiatives

In 2025 / 2026, Polar Speed intends to:

1. Pilot HVO tanks at Polar Speed Birmingham – 2026 : By implementing a HVO tank at our Birmingham site will allow us direct access to HVO to 15% of vehicles within the Polar Speed fleet. At between 50% and 75% HVO mix, we estimate that the pilot will generate approximately 6% emissions reduction across the entire fleet.

2. Further evaluate electric vehicles within the fleet : We are evaluating mileage route range for potential electric vehicles in the Polar Speed Fleet. Birmingham and Preston have been earmarked as pilot locations due to energy availability and we are focussed on identifying routes at less than 100 miles per day to make EVs viable.

3. Further evaluate the trial of hydrogen vehicles within the fleet : Polar Speed is in discussions with our vehicle providers to understand capabilities of hydrogen vehicles within our fleet. While the technology is expensive, we see an opportunity to realise emissions reduction of 1% over the year replacing one diesel trunker unit with a hydrogen trunker. This will continue to be evaluated with the Polar Speed executive in 2025 and a decision made on viability in 2026

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:



Doaa Fathallah (COO), Project Sponsor

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Date: 25-Nov-25
