Carbon Reduction Plan

Sample report: the company, its ledger and its figures are fictional.

Supplier name	Aire Valley Precision Ltd
Publication date	30 October 2026

Commitment to achieving net zero

Aire Valley Precision Ltd is committed to achieving net zero emissions by 2045.

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: 2025

Additional details relating to the baseline emissions calculations:

This is the organisation's first carbon footprint, so 2025 is the baseline year. Scope 1 and 2 are from the organisation's 2025 accounting records (Scope 2 location-based). Scope 3 reports the five sources the Technical Standard names: category 4 upstream transportation and distribution 3.77 tCO2e; category 5 waste generated in operations 11.10 tCO2e; category 6 business travel 2.55 tCO2e; category 7 employee commuting 23.53 tCO2e; category 9 downstream transportation and distribution 0.00 tCO2e. Categories 4, 5 and 6 are calculated from the spend the accounts record, with spend-based emission factors. Employee commuting is estimated: 35 employees x 5 days a week x 46 weeks x 2 x 11 km = 177,100 km a year; car 72% at 0.16591 kg CO2e/km (DESNZ 2026 average car, one commuter per car), bus 12% at 0.10151 kg CO2e per passenger-km (DESNZ 2026 average local bus), rail 4% at 0.03092 kg CO2e per passenger-km (DESNZ 2026 national rail), on foot or by bike 12% at zero. Category 9 is transport of sold goods that others pay for, which the accounts do not record; none is reported.

Baseline year emissions:

Emissions	Total (tCO2e)
Scope 1	98.33
Scope 2	39.09
Scope 3 (included sources)	40.95
Total emissions	**178.37**

Current emissions reporting

Reporting year: 2025

Emissions	Total (tCO2e)
Scope 1	98.33
Scope 2	39.09
Scope 3 (included sources)	40.95
Total emissions	**178.37**

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 142.70 tCO2e by 2030. This is a reduction of 20%.

Carbon reduction projects

Completed carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2025 baseline. The carbon emission reduction achieved by these schemes equate to 0.00 tCO2e, a 0.0% reduction against the 2025 baseline and the measures will be in effect when performing the contract.

None completed yet: 2025 is the baseline year.

Future carbon reduction initiatives

In the future we hope to implement further measures such as: Replacing the two oldest CNC machining centres with energy-efficient models in 2027; a renewable electricity tariff from the next contract renewal; an electric van in place of the diesel delivery van; swarf and offcuts sent for metal recycling; and a cycle-to-work scheme for staff.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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) on 20 October 2026.

Signed on behalf of the supplier:
Sample Director, Managing Director. Date: 22 October 2026