Carbon Reduction Plan

Publication date: 18th June 2026
Baseline year: 2025 | Reporting year: 2026

This Carbon Reduction Plan has been prepared for publication on the company website and for use in tender submissions. It follows the structure required by Procurement Policy Note 006 and reports greenhouse gas emissions in tonnes of carbon dioxide equivalent (tCO2e).

Commitment to achieving Net Zero

Aircare Holdings Ltd and Aircare Air Conditioning Services Ltd are committed to achieving Net Zero greenhouse gas emissions across UK operations by 2050.

Baseline emissions footprint

Baseline year: 2025. This was the first formal reporting period and reflects the operational structure, fleet composition and office energy use at the time of baseline calculation.

Emission scope	2025 baseline emissions (tCO2e)
Scope 1	69.68
Scope 2	1.68
Scope 3 - included sources	0.19
Total emissions	71.55

Current emissions reporting

Reporting year: 2026. The 2026 figures use actual electricity and gas consumption data and actual annual diesel purchased for the fleet. Half of the diesel van fleet was replaced during the year with newer, more efficient diesel vans. No additional electric vehicles were added during the reporting year.

Emission source	Activity data	Factor used	2026 emissions (tCO2e)
Fleet fuel - diesel (Scope 1)	17,351.01 litres	2.58354 kgCO2e/litre	44.83
Natural gas (Scope 1)	1,183 kWh	0.18231 kgCO2e/kWh	0.22
Purchased electricity (Scope 2)	7,428 kWh	0.13096 kgCO2e/kWh	0.97
Fuel and energy related activities (Scope 3)	WTT diesel, WTT gas, electricity T&D and WTT electricity	Selected 2026 UK Government factors	11.03

Emission scope	2025 baseline (tCO2e)	2026 current (tCO2e)	Movement
Scope 1	69.68	45.04	-24.64
Scope 2	1.68	0.97	-0.71
Scope 3 - included sources	0.19	13.64	+13.45
Total emissions	71.55	59.65	-11.90

Based on actual annual diesel litres and the expanded Scope 3 reporting set, 2026 reported emissions are 59.65 tCO2e. This represents a reduction of approximately 16.6% against the 2025 baseline of 71.55 tCO2e. Scope 3 has increased because the 2026 calculation includes fuel and energy related emissions together with estimates for the PPN 006 minimum Scope 3 categories.

Detailed 2026 calculation

Category	Activity data	Conversion factor	Emissions (tCO2e)
Diesel - direct combustion	17,351.01 litres	2.58354 kgCO2e/litre	44.83
Natural gas - direct combustion	1,183 kWh	0.18231 kgCO2e/kWh	0.22
Electricity - location based	7,428 kWh	0.13096 kgCO2e/kWh	0.97
WTT diesel	17,351.01 litres	0.61101 kgCO2e/litre	10.60
WTT natural gas	1,183 kWh	0.03021 kgCO2e/kWh	0.04
Electricity transmission and distribution	7,428 kWh	0.01299 kgCO2e/kWh	0.10
WTT electricity generation	7,428 kWh	0.03682 kgCO2e/kWh	0.27
WTT electricity T&D	7,428 kWh	0.00359 kgCO2e/kWh	0.03
Upstream transportation and distribution	Estimated supplier deliveries	2026 UK Government factors / activity estimate	0.01
Waste generated in operations	1,100L general waste bin + small recycling bin, fortnightly, est. 50% average fill (Premier Waste)	2026 UK Government waste factors / activity estimate	0.64
Business travel	Approx. two Newcastle-London return rail journeys	2026 UK Government rail factor / activity estimate	0.05
Employee commuting	Three privately owned vehicles, 46 working weeks assumed	2026 UK Government vehicle factors / activity estimate	1.91
Downstream transportation and distribution	Not applicable to normal service operations	No material third-party downstream distribution identified	0.00

Biogenic and outside-of-scopes emissions are reported separately and are not included in the total emissions figure: diesel biofuel component 2.43 tCO2e, UK electricity biogenic component 0.85 tCO2e.

Organisational boundary and operational context

The plan covers Aircare Holdings Ltd and Aircare Air Conditioning Services Ltd. Aircare employs 16 staff and operates from a 252 m2 office facility. The office area is unchanged from the previous reporting period. Operational emissions are dominated by the service and project vehicle fleet, which supports HVAC, mechanical, environmental, facilities management and scientific/cleanroom services across client sites.

During 2026, Aircare replaced around half of its fleet with newer, more efficient diesel vans. This supports short-term reductions while the business continues to assess electric van suitability against range, payload, reliability, charging infrastructure and client site requirements.

Scope 3 reporting position

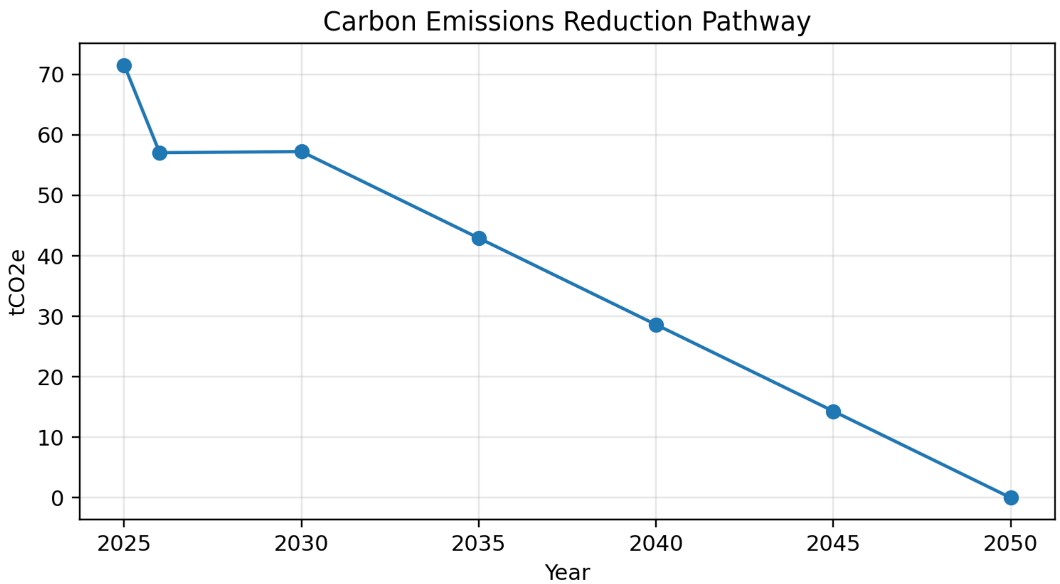
For 2026, Scope 3 reporting has been expanded to include fuel and energy related emissions (well-to-tank diesel, well-to-tank gas, electricity transmission and distribution and well-to-tank electricity) together with the PPN 006 minimum Scope 3 categories. Where complete primary activity data was not available, reasonable estimates have been used and the underlying assumptions documented. Aircare will continue to improve primary data capture in future reporting periods.

PPN 006 Scope 3 category	2026 reporting position
Upstream transportation and distribution	Estimated at 0.01 tCO2e. The majority of purchased equipment and materials are delivered directly by suppliers to client sites, with only incidental deliveries to Aircare's premises. The estimate is based on representative local supplier deliveries of approximately two per week, an average consignment weight of approximately 10 kg and applicable UK Government conversion factors. Supplier delivery data capture will continue to be improved.
Waste generated in operations	Estimated at 0.64 tCO2e. General waste is collected fortnightly from a 1,100 litre four-wheel bin via Premier Waste, with a small wheelie bin for mixed recycling also collected fortnightly. Other waste is predominantly generated and managed at client sites and is not included here. As verified weighbridge data was not available, the estimate is based on bin capacity, collection frequency and an assumed average 50% fill level (reflecting that bins are not always full at collection), using representative UK Government waste density and disposal factors, with general waste assumed to landfill and recycling assumed to be reprocessed. Aircare will engage its waste contractor, Premier Waste, to confirm actual waste weights and treatment/disposal routes to replace this estimate in future reporting.
Business travel	Estimated at 0.05 tCO2e. Business travel outside the company vehicle fleet is limited and comprised approximately two return rail journeys between Newcastle and London during the reporting period. Travel in company-owned vehicles is included within Scope 1 and excluded here to avoid double counting.
Employee commuting	Estimated at 1.91 tCO2e using staff commuting distance, vehicle type and typical working pattern, with 46 working weeks assumed. Three office-based employees commute in privately owned vehicles. Operational engineers predominantly travel directly to client sites in company vehicles, associated fuel is already included within Scope 1 and is excluded here to avoid double counting.
Downstream transportation and distribution	0.00 tCO2e / not applicable to normal operations. Aircare principally provides HVAC, refrigeration, mechanical and associated engineering services rather than distributing finished products. Transportation using Aircare-owned or controlled vehicles is captured within Scope 1 and no material third-party downstream distribution was identified for the reporting period.

Emissions reduction targets

Aircare has adopted interim targets to support the overall Net Zero by 2050 commitment. The company projects that emissions will decrease to 57.24 tCO2e by 2030, representing a 20% reduction against the 2025 baseline. The 2026 reported total is 59.65 tCO2e, approximately 16.6% below the 2025 baseline. The 2030 target remains retained to allow for future business growth and continued improvement in Scope 3 coverage.

Year	Target/actual emissions (tCO2e)	Reduction against 2025 baseline
2025 baseline	71.55	0%
2026 actual	59.65	16.6%
2030 target	57.24	20%
2035 target	42.93	40%
2040 target	28.62	60%
2045 target	14.31	80%
2050 target	0.00	Net Zero



Carbon reduction projects

Completed and maintained initiatives

- Replaced approximately half of the fleet with newer, more efficient diesel vans.
- LED lighting installed and maintained within office areas.
- Continued use of electric vehicle technology within the company fleet.
- Waste reduction policies and waste separation arrangements maintained.
- New waste streams implemented to meet new legal requirements, including improved segregation arrangements.
- Use of air source heat pump cooling/heating systems where suitable.
- Environmental performance monitoring maintained through ISO 14001 management arrangements.
- Digital documentation and electronic records used to reduce paper consumption.

Future initiatives

- Progressive transition of company vans to electric or lower emission alternatives as operational range, payload and charging infrastructure permit.
- Review of EV charging provision as fleet replacement decisions are made.
- Removal of remaining gas heating systems and replacement with air source heat pumps where feasible.
- Continued use of actual fuel litres for annual fleet emissions calculations.
- Waste data capture by stream, weight and disposal route to support improved Scope 3 reporting.
- Supplier engagement to improve data on purchased goods, deliveries and upstream transport.
- Continued focus on low-GWP refrigerants, refrigerant leak prevention and planned maintenance.
- Integration of carbon reduction objectives into ISO 14001 management review and annual business planning.

Calculation methodology and assumptions

Emissions have been calculated using selected 2026 UK Government greenhouse gas conversion factors for company reporting. Reporting follows the principles of the Greenhouse Gas Protocol and ISO 14064-1. Values are presented as tonnes of carbon dioxide equivalent (tCO2e).

Input	Value used	Note
Electricity consumption	7,428 kWh	Actual annual office electricity consumption supplied by Aircare.
Gas consumption	1,183 kWh	Actual annual office gas consumption supplied by Aircare.
Fleet diesel	17,351.01 litres	Actual annual diesel purchased for fleet operations.
Fleet change	Approx. half of fleet replaced	Replacement vans are newer, more efficient diesel vans.
Employees	16	Used for organisational context only.
Office floor area	252 m2	Unchanged from prior reporting period.
Employee commuting	Three private vehicles, 46 working weeks	Estimated from commuting distance, vehicle type and typical working pattern. Company-vehicle travel excluded to avoid double counting.
Business rail travel	Approx. two Newcastle-London return journeys	Estimated using applicable UK Government rail conversion factor.
Upstream supplier deliveries	Approx. two local deliveries/week, 10 kg average consignment	Representative activity estimate used where complete shipment-level records were unavailable.
Waste	Fortnightly 1,100 L general waste bin plus small recycling bin (Premier Waste), est. 50% average fill	Estimated from bin capacity, collection frequency and representative waste density/disposal factors, as verified weighbridge data was not available. Contractor to confirm actual weights and treatment routes for future reporting.

References

UK Government greenhouse gas conversion factors for company reporting, 2026 publication. Procurement Policy Note 006 and associated technical standard for Carbon Reduction Plans. Greenhouse Gas Protocol Corporate Accounting and Reporting Standard. ISO 14064-1 greenhouse gas reporting principles.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and the associated guidance and reporting standard for Carbon Reduction Plans. It has been reviewed and signed off by the board of directors or equivalent management body.

Signed on behalf of the Supplier:

Dan Reed, Managing Director

Date: 18/06/2026