

CARBON REDUCTION PLAN

ARD Autobodies

Supplier Name: ARD Autobodies

Publication Date: October 2024

Prepared in accordance with PPN 06/21

1. Commitment to Achieving Net Zero

ARD Autobodies is committed to achieving Net Zero emissions by 2050 for all UK operations. This Carbon Reduction Plan sets out our current emissions baseline, reduction targets, and the measures we are implementing to fulfil this commitment in accordance with PPN 06/21.

This plan has been reviewed and approved by senior leadership and will be updated at minimum annually to reflect progress against our targets.

2. Baseline Emissions Footprint

The baseline emissions for ARD Autobodies have been calculated for the reporting period October 2023 to October 2024. As this is the organisation's first formal carbon footprint assessment, this reporting period constitutes the baseline year against which future reductions will be measured.

Baseline Year: October 2023 – October 2024

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	88.7
Scope 2	21.0
Scope 3 (Included Sources)	909.2
Total Emissions	1018.9

3. Current Emissions Reporting

The full breakdown of emissions by source for the 2023/24 reporting year is as follows:

Emission Source	tCO ₂ e
Sc1 Natural Gas	6.7
Sc1 Gas & Liquid Fuel	77.26

Sc1 Refrigerant & other Gases	0.0
Sc1 Vehicles	4.7
Sc2 Electricity	21.0
Sc3 Vehicles	18.4
Sc3 Water Supply	0.038
Sc3 Materials Used	890.7
Sc3 Waste	0.11

Scope 3 emissions account for 89% of total emissions, with materials used (890.7 tCO₂e) representing the most significant source. This is consistent with the nature of autobody repair operations, which rely heavily on materials such as paints, coatings, and replacement parts.

4. Emissions Intensity Ratios

The following intensity metrics provide a basis for measuring emissions performance relative to business activity:

Metric	Value	Intensity Ratio
Hrs Sold	8,517	0.01 tkgCO ₂ e / hrs sold
Vehicles Handled	2,132	0.05 tkgCO ₂ e / vehicle Handled
Staff Employed	39	2.8 tkgCO ₂ e / employee
Turnover (£M)	£5.628405	19.49 tkaCO ₂ e / £M turnover

5. Emissions Reduction Targets

In order to achieve Net Zero by 2050, ARD Autobodies has adopted the following Scope 1 and Scope 2 reduction targets, based on the trajectory modelled in our baseline assessment. These targets align with the UK Government's Net Zero commitment under the Climate Change Act 2008 (as amended 2019) and SBTi.

Year	Target % Reduction	Target tCO ₂ e (Sc1+2)	Residual tCO ₂ e
2024 (Baseline)	0%	109.7.3	N/A
2030	42%	63.6	N/A

2035	62%	41.7	N/A
2040	77%	25.2	N/A
2045	90%	11.0	N/A
2050	100%	0.0	10% offset required

We project that Scope 1 and 2 emissions will decrease from a baseline of 109.7 tCO₂e to 0.0 tCO₂e by 2050, representing a 100% reduction. Any residual emissions (up to 10% of total) will be addressed through verified offset schemes. Inflation adjustments have been averaged at 6.3% per year for the period 2021–2024 when calculating intensity ratios.

6. Carbon Reduction Projects

Completed and Current Carbon Reduction Initiatives

ARD Autobodies has begun the process of emissions measurement and management with the commissioning of this baseline carbon footprint report (October 2023–2024), prepared by HEBIS Limited. The following measures are in place or under active review:

- Baseline carbon footprint assessment completed across all Scope 1, 2 and 3 sources
- Ongoing monitoring of fuel and energy consumption across all operations
- Supplier engagement initiated to understand Scope 3 materials emissions

Planned Future Carbon Reduction Measures

ARD Autobodies intends to implement the following measures to drive emissions reductions across all scopes:

- Transition to renewable electricity supply (Scope 2) to eliminate electricity-related emissions
- Fleet electrification: Convert 40% of the diesel/petrol curtesy cars to Electric Vehicles
- Replace Propane heating of spray booths with Natural Gas.
- Review booth operating cycle, energy saving solutions etc.
- Improve efficiency of the compressor operation
- Replacing pneumatic equipment with electric equipment e.g. sanders etc with electric sanders and extraction equipment.
- Increase waste segregation and recycling rates.
- Annual carbon footprint reporting to track progress against reduction targets

7. Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and the 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, using 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, 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).

Signed on behalf of ARD Autobodies:

Signature / Director Sign-Off

Date: _____