

Carbon Reduction Plan

Supplier name: ASTON GROUP

Publication date: 20 MAY 2024

Commitment to achieving Net Zero

Aston Group is committed to achieving Net Zero emissions by 2050.

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: 2021	
Additional Details relating to the Baseline Emissions calculations.	
Baseline year emissions: 318.01166	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	311.8716
Scope 2	6.14006
Scope 3 (Included Sources)	-
Total Emissions	318.01166

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	206.984
Scope 2	5.148
Scope 3 (Included Sources)	-
Total Emissions	212.133

All the above emission figures have been calculated with reference to the UK government's guidelines and conversion factors provided.

Emissions reduction targets

We have seen a decline in our GHG emissions of approximately **33.29%** in 2023 from our base year. To continue our progress, we have adopted the following carbon reduction targets.

- Switch to renewable energy – gas and electricity usage
- Energy saving measures such as switching our lighting from fluorescent bulbs to LEDs, maintaining an ideal temperature in the office space to decrease gas usage.
- Systematic employee behaviour changes to support our sustainability initiatives through sustainability workshops.

We project that carbon emissions will decrease over the next five years to **127.204** tCO₂e by 2027. This is a reduction of **40%**.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline.

Aston Group continuously works on improving our construction and operational practices and we try our best to curb any societal and environmental impact we may have. Some of the measures we have taken are noted below:

- 1) We have devised a 5-year Carbon Reduction plan with the aim to decrease our Scope 1 and Scope 2 emissions by 40% by 2027 along with Scope 3 emission calculations underway. Notable achievements include 5 additional Electric vehicles to our fleet.
- 2) At our Romford site, we had 10 solar panels and recently installed 16 additional panels during November 2023 making it 26 panels in total. They have shown to reduce our head office electricity bills by almost 17.75% in the first quarter on 2024.
- 3) We work with Sortera to collect, segregate, and responsibly recycle/incinerate our project site waste preventing it from reaching landfills. We successfully diverted approximately 308.867 tonnes of waste from ending up in landfills.
- 4) We often find opportunities to donate reusable equipment to local colleges to help further their education
- 5) Our accreditations: TrustMark, MCS, RECC, CHAS, we work to PAS 2035:2019 and have our own PAS 2035:2019 Retrofit Assessor, ISO 9001:2015 together with ISO14001:2015 accreditations.

As part of our initiatives we,

- have formed an internal Aston Energy Group which meets once every month to discuss various emission reduction opportunities within the company.
- generate monthly Energy Reports that monitors and analyses our energy usage across the company.
- have integrated 5 Electric Vehicles in our fleet replacing 4 diesel trucks and fitted 2 additional EV chargers at our Romford office site which have helped save approximately 5,463.19kgs CO₂ equivalent from entering the atmosphere.
- are currently in the process of assessing our lighting needs at our Romford office and exploring energy-efficient solutions to enhance our energy use.
- have created an internal sustainability campaign to keep our employees informed, educated, and reminded of our sustainability goals and objectives.
- provide flexible hybrid working to reduce our indirect emissions.
- have responsibly recycled redundant solar inverters, solar panels, and unwanted IT equipment.
- donate and help local colleges reuse unwanted appliances provided by Aston Group.
- ensure all new starters are informed about our Sustainability policies and carbon reduction plan as part of our induction process.
- have installed a monitoring system at our head office to achieve better quality data for Solar PV generation and usage, gas usage, electricity consumption and fuel consumption for accurate calculations.
- are investing in internal staff sustainability training programmes.

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:

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Date: 31st July 2024

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>