

Carbon Reduction Plan

Supplier name: Advanced Demand Side Management Ltd

Publication date: 02/02/2024

*updated 18/05/2024

Commitment to achieving Net Zero

Advanced Demand Side Management Ltd 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: 2022/23	
Additional Details relating to the Baseline Emissions calculations.	
Advanced Demand Side Management Ltd have analysed data from original documentation for the purpose of their first Carbon report from the reporting period 01st April 2022 to 31st March 2023. This data has been verified by ESG PRO Limited. The data evidence is required by PPN06/21.	
Baseline year emissions: Carbon emission for Baseline Year 2022/23 are as follows	
EMISSIONS	TOTAL (tCO₂e)
Scope 1 (owned vehicles)	22.34
Scope 2 (electricity consumption, as per EPC rating)	6.78
Scope 3 Emissions measured include: Category 6: Business travel Category 7: Employee commuting	11.79
Total Emissions	40.91



Current Emissions

Note that ADSM assesses its carbon emissions within 12 months of the conclusion of the most recent financial year (1st April-31 March). Therefore at the time of publication 02/02/2024, the Current Emissions Reporting Year of 2022/23 is the same as the Baseline Year of 2022/23. Therefore ADSM current emissions are as follows:

CURRENT REPORTING YEAR: 2022/2023 (all in (tCO₂e))

Scope 1 - 22.34 (owned vehicles)

Scope 2 - 6.78 (electricity consumption as per EPC rating)

Scope 3 - 11.79 incl category 6 Business travel and category 7 employee commuting

Total Emissions 40.91

Note that ADSM assesses its carbon emissions within 12 months of the conclusion of the most recent financial year. The most recent financial year end is 31st March 2024, therefore the next re-assessment for the 2023/24 year is scheduled for November 2024.

Emissions reduction targets

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

We target our carbon emissions will decrease over the next ten years to 12 tCO₂e by 2034.

This is a reduction of 70%. Should the company decide to offset the remaining emissions, it will be done so through a certified Gold Standard carbon offset, which will be part of a certified carbon neutrality programme in accordance with the requirements of PAS 2060:2014.

Carbon Reduction Projects

These are our baseline emissions. The following is a breakdown of our current plans and ambitions to reduce the greenhouse gas emissions in the following period which will be incorporated in accordance with our ISO14001 Environmental Management System.

The envisaged carbon reductions are based on the notion that around 55% of our carbon emissions are from owned vehicle emissions. By replacing the internal combustion engine vehicles in use now with electric, hydrogen powered or hybrid vehicles, in the following 10-year period, these emissions can be reduced almost completely.

Further reduction can be achieved by reducing the energy usage for the offices by either moving to premises with better EPC rating (B or higher), or employing measures for reduction of energy usage, or switching to green supplier where possible, since the company is using serviced offices. As such, there is no complete control over the energy usage.

Business travel by air is to be conducted only in economy class, and reduced whenever possible. Employees, when it comes to working from home, will be incentivised to switch to a green energy supplier. Also incentives will be put in place to aid employees choosing commute options which are less carbon intensive, and where and when possible, use public transport. Bike-to-work scheme is also to be developed.

In the future we hope to implement further measures such as:

1. Set up an employee carbon reduction focus group.
2. Replacement of car fleet (diesel and petrol vehicles) when the leases end, with hybrid or EVs.
3. To relocate from the serviced offices with an EPC rating of C (56) to freehold or leasehold premises with a better EPC rating, no less than B.
4. Install LED lighting in all premises where possible.
5. Introduce an optimised workload distribution system, to cut down on the need for travel.
6. Implement incentives for sharing commute, encourage public transport, incentives for electric vehicles, rail journeys, rather than flights for domestic travel.

7. Adopt cloud-based software for storing accounts information and reduce paper records.
8. Implement a print reduction strategy, supported by print management software, to reduce printing, waste and go paperless by end of 2034
9. Ensure office printers are EPEAT and Energy Star certified.
10. Use energy and battery saving modes on all electronic devices.
11. Establish procurement working group to look at sustainable sourcing of materials and parts which have low embodied carbon.
12. A strategy is to be developed to curb the rise of Scope 3 emissions in the future, by implementing careful consideration of emissions that may be introduced through the supply chain. For developed companies, Scope 3 emissions may account for as much as 90% of the total emissions amount.

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 Advanced Demand Side Management board of directors.

Signed for and on behalf of Advanced Demand Side Management Limited:



Patrick McCart, Managing Director

Date: 02/02/2024

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>