



Carbon Reduction Plan 2023

Commitment to achieving Net Zero

AVM Solutions Ltd is committed to achieving Net Zero emissions by 2030.

Publication date: 09/01/2023

Baseline emissions footprint

Baseline Year: 2021 (1/01/2021 – 31/12/2021)

The Carbon Reduction Plan has been completed in compliance with PPN 06/21. Our Carbon Emissions in 2021 were measured in line with GHG Protocol and include the greenhouse gases stated in the Kyoto Protocol.

Baseline year emissions: 2021

EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	5.24	
Scope 2	6.69	
Scope 3	16.78	
Included Sources	Business Travel	12.12
	Employee Commuting	4.65
	Upstream transportation and distribution	0.00
	Downstream transportation and distribution	0.00
	Waste generated in operations	0.00
Total Emissions	28.70	



Current emissions reporting

Baseline Year: 2021 (1/01/2021 – 31/12/2021)

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Reporting period:

AVM Solutions will publish a Carbon Reduction Plan on a yearly basis detailing emissions released from UK Operations from 1st January to 31st December.



Baseline year & current reporting year

Due to 2021 being the first year we have measured our CO₂e emissions, the report for the Baseline Year and Current Reporting year contains the same figures. Due to this, the explanations below apply to both sets of data:

Scope 1

Scope 1 is reported as 5.24tCO₂e in 2021 as we have tracked the mileage travelled by our fleet. AVM Solutions do not have boilers, on-site manufacturing, or f-gases to report emissions on.

Scope 2

Within Scope 2, we have measured the emissions released from working from home and the consumption of purchased electricity. With all employees making the most of hybrid working, we have calculated 1 out of 5 days as spent working from home and the other 4 from the office. Heating, lighting and computer consumption have all been taken into account to calculate emissions released due to working from home.

Scope 3

BUSINESS TRAVEL

Within the Business Travel subset, we have calculated the emissions released as a result of long haul and international flights.

EMPLOYEE COMMUTING

Each employee's method of travel has been obtained in order to quantify the emissions released from commutes to the office.

UPSTREAM & DOWNSTREAM TRANSPORTATION AND DISTRIBUTION

We are currently looking to track our upstream and downstream transportation and distribution in more detail, however, we currently don't have these figures available. Consequently, the 2 subsets in Scope 3 are reported as 0tCO₂e 2021. Due to this, we are looking at our supply chain to ensure all mileage is tracked. Once the data is available, we will re-baseline to ensure our carbon emissions can be compared fairly year on year.

WASTE GENERATED IN OPERATIONS

We have requested the CO₂e released from our waste removal provider, however, they don't currently have this data available. We have been assured that this is something they are looking to be able to provide for the next reporting year and will include this in our report for 2022 onwards.



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 25.83tCO₂e by 2026. This is a reduction of 10%.

Carbon reduction projects

To continue to achieve our environmental objects we have introduced the following initiatives:

- » A hybrid working model to reduce both commutes and electricity consumption in the office
- » A cycle to work scheme
- » Periodic measurement of the energy usage through an online platform
- » Planned deployment of an asset management system whereby individual asset energy consumption is measured and assets can be shut down
- » Energy efficient lighting with sensors fit throughout the office to reduce the electricity consumed when working in the office



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.

Signed on behalf of the Supplier:



Date:

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>

