

AIRWAVE SOLUTIONS LIMITED CARBON REDUCTION PLAN



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Ref: HGMRAPAW01072022, Issue O

COMMITMENT TO ACHIEVING NET ZERO

Airwave Solutions Limited is committed to achieving Net Zero emissions by 2050.

BASELINE EMISSIONS FOOTPRINT

Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: FY 2020 (1 January 2020 to 31 December 2020)

Additional Details relating to the Baseline Emissions calculations.

Prior to 2020, we did not report GHG emissions on a country level or by legal entity. We reported Scope 1 and 2 emissions in alignment with SECR. For a full report of our group level emission please refer to our [Corporate Responsibility Report](#).

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1,802 tCO ₂ e
Scope 2	12,294 tCO ₂ e
Scope 3 (Included Sources)	Airwave's Scope 3 emissions fall below the 40% threshold for reporting
Total Emissions	14,096

CURRENT EMISSIONS FOOTPRINT

Current Year: FY 2021 (1 January 2021 to 31 December 2021)

FY 2021 Year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1,878 tCO ₂ e
Scope 2	9,479 tCO ₂ e
Scope 3 (Included Sources)	355 tCO ₂ e This figure is the sum of the following scope 3 emissions, as selected by the UK Government: <ul style="list-style-type: none">• Upstream transportation and distribution• Waste generated in operations• Business Travel• Employee Commuting• Downstream transportation and distribution
Total Emissions	11,712 tCO₂e

EMISSIONS REDUCTION TARGETS

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

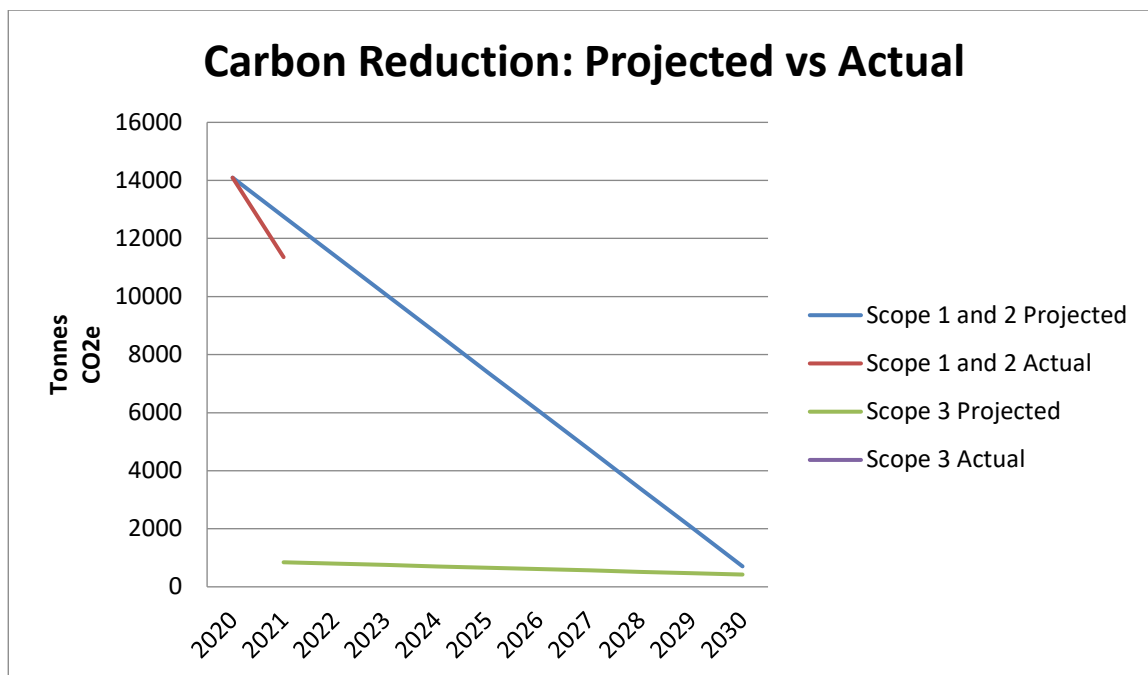
We project that carbon emissions will decrease over the next five years to 7,400 tCO₂e by 2025. This is a reduction of 47.5%.

We project that carbon emissions will decrease over the next ten years to 705 tCO₂e by 2030. This is a reduction of 95%. These targets are in alignment with the Science Based Targets Initiative's Net-Zero Standards. We will offset a maximum of 5% emissions (the baseline year being 2020).

We commit to halving emissions in our value chain (scope 3) by 2030 and eliminating all carbon emissions across our entire value chain (scope 1, 2, and 3) by 2050.

Our Scope 1 and 2 emissions decreased by 19.4% from our baseline year of 2020. This is on track to meet our goals. We did not calculate scope 3 emissions in 2020, so our 2021 scope 3 emissions will act as our baseline.

Progress against these targets can be seen in the graph below:



Note: Because 2021 is our baseline year for Scope 3 emissions, we cannot show actual reduction progress until after the release of our 2022 emissions.

CARBON REDUCTION PROJECTS

COMPLETED CARBON REDUCTION INITIATIVES

The following environmental management measures and projects have been completed or implemented prior to the 2020 baseline year.

- Small reductions in CO₂e due to optimisation of cooling and resilient power supplies used in the network
- The purchase of green energy for the last quarter of the year, and working with large site providers to use green energy has reduced the overall tCO₂e by 2,134 tCO₂. This will be the main focus for further reductions for 2022.

To reduce our carbon footprint further, we are considering the following measures:

- Switching to a fully electric fleet for our company cars and leased vehicles
- Further transition our operations to renewable energy
- Influence our suppliers to reduce their emissions and transition to renewable sources of electricity
- Implement policies to further reduce employee commuting and business travel emissions
- Conversion of our last Network Switch site from conventional Air Conditioning to Adiabatic Cooling.

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 AIRWAVE SOLUTIONS LIMITED:



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Fergus Mayne
UK & I Country Manager

Date: 20 July 2022
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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>