

Airwave Solutions Ltd. Carbon Reduction Plan

Supplier name: Airwave Solutions Ltd.

Publication date: July 22, 2025

Commitment to Achieving Net Zero

Airwave Solutions 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: FY 2020 (01 January 2020 to 31 December 2020)	
Additional Details Relating to the Baseline Emissions Calculations.	
Baseline Year Emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	1,802 tCO ₂ e
Scope 2	12,294 tCO ₂ e
Scope 3* (Included Sources)	178* 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• Downstream transportation and distribution• Waste generated in operations• Business travel• Employee commuting
Total Emissions	14,274 tCO₂e

*2020 Scope 3 emissions were not previously reported and have been added to reflect the emissions during that reporting year. We have updated our reduction goals to include this information.

Current Emissions Reporting

Reporting Year: FY 2024 (01 January 2024 to 31 December 2024)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2,202 tCO ₂ e
Scope 2	4,605 tCO ₂ e
Scope 3 (Included Sources)	336 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• Downstream transportation and distribution• Waste generated in operations• Business travel• Employee commuting
Total Emissions	7,143 tCO ₂ e

Emissions Reduction Targets

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

Our Scope 1 and 2 emissions have decreased by 51.7% since our baseline year 2020. Our 2024 Scope 3 emissions have increased by 158 tCO₂e from our baseline year, due to a rise in business travel and employee commuting compared to our 2020 baseline.

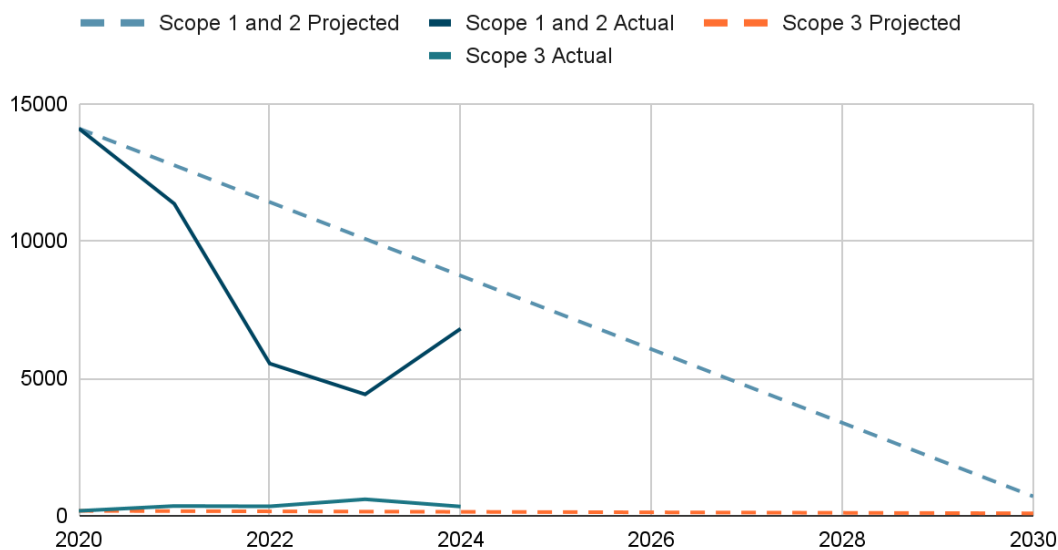
We originally projected that carbon emissions for our Scope 1 and 2 would decrease from our baseline year 2020 emissions of 14,096 tCO₂e to 7,400 tCO₂e by 2025, a reduction of 47.5%. We actually met this goal in 2022 and have maintained the reduction since. However, due to shifts in electricity procurement strategy, we have expired some of our renewable energy contracts to meet cost demands and project that Scope 2 emissions will increase in 2025 compared to 2024.

As we renegotiate our electricity contracts, we project that Scope 1 and 2 carbon emissions will decrease from our baseline year of 2020 to 705 tCO₂e by 2030, amounting to 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 achieving Net Zero carbon emissions across our entire value chain (Scope 1, 2, and 3) by 2050. In 2020, our Scope 3 emissions totaled 178* tCO₂e, which we project will decrease to 89 tCO₂e by 2030.

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

Carbon Reduction: Projected vs Actual



Carbon Reduction Projects

The future concentration has been on energy efficiency as we transfer to newer technology across the Airwave Network

MTS Upgrade Programme

The programme to replace old EBTS radios with newer MTS radios across the Airwave Network has resulted in a reduction in energy consumption of 0.6MW per year to date.

This is set to increase as further MTS radios are installed.

Equipment Optimization

Airwave has made small reductions in CO₂e due to optimisation of cooling and resilient power supplies used in the network.

Environmental Management System

We operate an Environmental Management System, certified to the international standard ISO 14001:2015.

Airwave has assessed and implemented a programme to address all of the recommendations identified in the 2019 ESOS report. All the higher consuming areas identified have been completed.

Transparent External Reporting

We have reported to various disclosure schemes at an organizational level, including CDP, MSCI, and Sustainalytics. MSCI has given us an AA rating.

Commuting and Business Travel

An electric vehicle voluntary sacrifice vehicle provision is now available to all employees.

Future Carbon Reduction Initiatives

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

- Further MTS installations.
- The power core upgrade project will provide improvements to energy efficiency at base sites.
- Upon completion, we will consider the findings of the 2025 Energy Savings Opportunities Scheme (ESOS) to increase energy efficiency of our sites as recommended by auditors.
- Old legacy equipment will continue to be switched off and removed from the Network in 2025/26.
- Installation of new D10 switches will bring in the adaptive power provision where the software can switch on base radios as capacity dictates.
- HVO fuels are being considered for prime generator base sites, and each site will also be individually assessed for a full environmental solar/wind solution.
- Smart Meter replacement project to replace older inaccurate meters (approx. 1600 meters).

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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 and uses 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 the Supplier:



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Date: 22 July 2025