

AIRWAVE SOLUTIONS LTD. CARBON REDUCTION PLAN

SUPPLIER NAME:

Airwave Solutions Ltd.

PUBLICATION DATE:

July 24th, 2023

COMMITMENT TO ACHIEVING NET ZERO:

Motorola Solutions UK Ltd. is committed to achieving Net Zero emissions by 2050.

BASELINE EMISSIONS FOOTPRINT:

Baseline emissions are a record of the greenhouse gasses 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 (tCO ₂ e)
Scope 1	1802 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 tCO ₂ e

Current Emissions Footprint

Reporting Year: FY 2022 (01 January 2022 to 31 December 2022)	
FY 2021 year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2,239 tCO ₂ e
Scope 2	3,301 tCO ₂ e
Scope 3 (Included Sources)	343 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	5,883 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 scope 1 and 2 carbon emissions will decrease from our baseline year of 2020 to 7,400 tCO₂e by 2025. This is a reduction of 47.5%

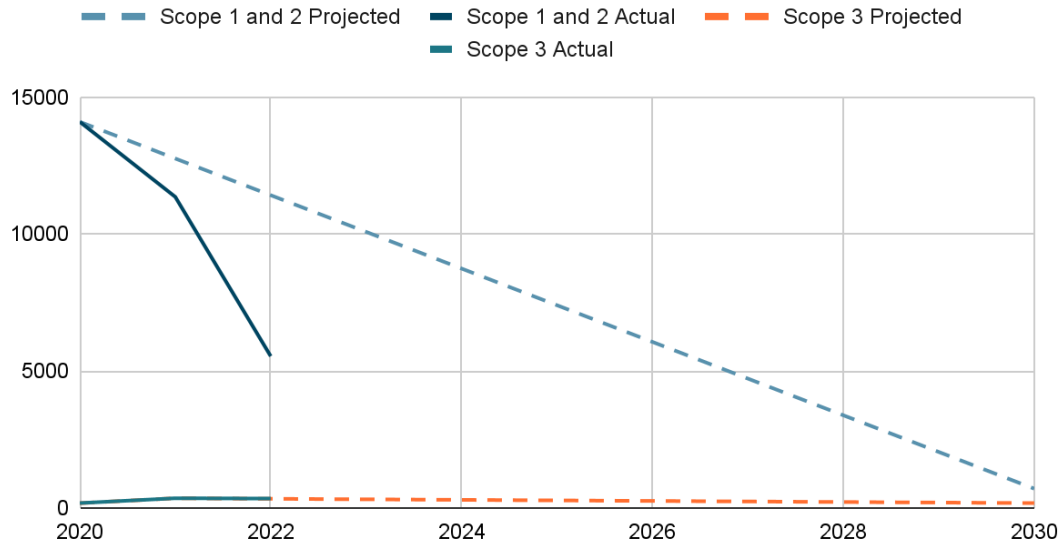
We project that carbon emissions will decrease from our baseline year of 2020 to 705 tCO₂e by 2030. This is a reduction of 95%. These targets are in alignment with the Science Based Targets Initiative's Net-Zero Standards. We will offset a maximum of 5% emissions (the baseline year being 2020).

We commit to halving emissions in our value chain (scope 3) by 2030 and 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.

Our scope 1 and 2 emissions have decreased by 60.7% since our baseline year 2020. We have achieved our 2025 goal three years ahead of schedule. Our scope 3 emissions have increased by 93% from our baseline year, but show a 3% decrease from 2021. Post the COVID-19 pandemic we have seen a rise in business travel and employee commuting which has contributed to an increase against the baseline.

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

Carbon Reduction: Projected vs Actual



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline year:

Updates to Data Centre Cooling

A programme has been completed in the Airwave Network to replace Data Centre cooling, changing from refrigerant based systems to Direct Adiabatic systems. Across 9 locations this programme has reduced energy consumption by 288,000 kWh, reducing carbon emissions by 1,500 tonnes. It has also reduced 'F' gas containment by 1,700 kgs. An additional Data Centre was completed in 2022.

Equipment Optimization

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

Transition to Green Energy

We have purchased renewable energy for about half of our network and worked with large site providers in purchasing and using renewable energy, reducing overall tCO₂e by 7,072 tCO₂e in 2022.

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.

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

- Switching off old redundant equipment and the Emergency Services Network(ESN) equipment and testing facilities in the network to reduce emissions over the next few years.
- Upon completion, we will consider the findings of the 2023 Energy Savings Opportunities Scheme (ESOS) to increase energy efficiency of our sites as recommended by auditors.
- Over the next 2 years, we aim to continue replacing older equipment at our facilities with new, more efficient equipment to reduce carbon emissions. The final Air Conditioning unit to be replaced with a Direct Adiabatic system is scheduled to be completed in 2023.
- Influencing our suppliers to reduce their emissions and consider the transition to renewable sources of electricity.
- Introducing a Salary Sacrifice Electric Vehicle scheme to all employees.

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 AIRWAVE SOLUTIONS LIMITED:



Fergus Mayne UK & I Country Manager

Date: 24 July 2023
