

MBDA UK LIMITED
CARBON REDUCTION PLAN

JUNE 2022



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COMMITMENT TO ACHIEVING NET ZERO

MBDA UK Limited (“MBDA UK”) are 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.

Our baseline includes emissions from the seven Greenhouse Gases (GHG's) named by the Kyoto Protocol: Carbon Dioxide (CO₂), Hydrofluorocarbons (HFCs), Methane (CH₄), Nitrous Oxide (N₂O), Nitrogen Trifluoride (NF₃), Perfluorocarbons (PFCs) and Sulphur Hexafluoride (SF₆).

Emissions are calculated in tonnes of carbon dioxide equivalent (CO₂e) using the appropriate conversion factors published by BEIS (Department for Business, Energy & Industrial Strategy).

MBDA UK's emissions are accounted and reported in accordance with the Greenhouse Gas Protocol standard using the 'Operational Control' approach. Reporting is aligned to our Financial Year reporting period (1st Jan to 31st Dec).

BASELINE YEAR: 2021

Additional details relating to the baseline emissions calculations

In 2021, MBDA Group (“Group”) developed its 'Net Carbon Neutrality 2050' roadmap. In support of this roadmap, MBDA UK has undertaken a re-baselining activity which includes an initial assessment of our Scope 3 emissions.

Therefore our baseline year and current reporting year is 2021.

MBDA UK uses 100% renewable electricity. In the absence of Supplier specific emission factors, BEIS average annual grid emission factors have been used to calculate our Scope 2 electricity emissions.

BASELINE (AND CURRENT) YEAR EMISSIONS:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2,076
Scope 2	5,212
Scope 3 (Included sources)	9,094

The following categories have been included within our Scope 3 reporting:

- Category 4 – Upstream transportation and distribution
- Category 5 – Waste generated in operations
- Category 6 – Business travel
- Category 7 – Employee commuting
- Category 9 – Downstream transportation and distribution

Total Emissions 16,382

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EMISSIONS REDUCTION TARGETS

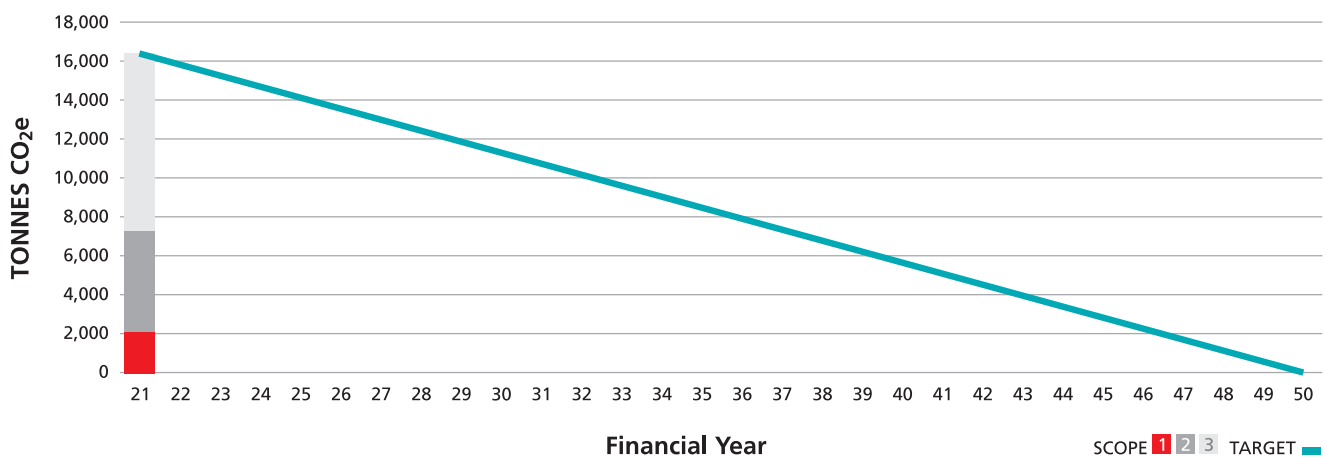
Our Group Net Zero Carbon Neutrality 2050 roadmap is developed around four pillars:

- Developing low-carbon energies by promoting renewable energies
- Monitoring and optimising energy efficiency
- Monitoring and optimising carbon emissions as part of our environmental impact
- Developing carbon sinks

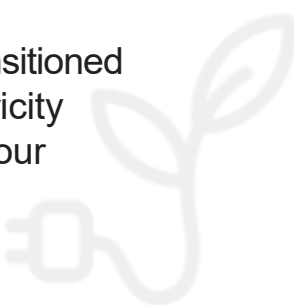
Carbon reduction goals are being developed across the four pillars and will include intermediate targets for implementation by 2030.

We have already set an ambitious target of transitioning to 80% of energy supply from low carbon and renewable sources by 2030 across the Group.

CARBON FOOTPRINT: ACTUAL vs TARGET



“ MBDA UK has already transitioned to 100% renewable electricity which represents 70% of our total energy supply ”



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CARBON REDUCTION PROJECTS

Completed Carbon Reduction Initiatives

MBDA UK is certified to both the ISO50001 Energy Management System and the ISO14001 Environmental Management System. These management systems enable us to effectively monitor, plan and improve our performance and contribution towards energy efficiency and carbon reduction.

We have implemented a number of carbon reduction initiatives, not only across our sites but also within our processes in order to reduce our carbon footprint.

2021
300,000kWh
OF ELECTRICITY
PRODUCED FROM
SOLAR PV INSTALLED
ON OUR SITES

2021
250 tonnes
OF CO₂e AVOIDED
DUE TO WASTE
RECYCLING
INITIATIVES

- In addition to purchasing all of our electricity from certified renewable sources, we currently have 340kWp of solar PV installed on our sites
- We have been replacing building services, such as air conditioning equipment and lighting with energy efficient alternatives, including air-sourced heat pumps and LED fittings with PIR sensors
- We have installed new heat and gas meters to plant equipment in order to optimise their operation and control through the Building Management System
- On our Thurleigh site we are enhancing biodiversity, having developed a wildlife pond, wildlife corridors and introduced bird nest boxes and feeders
- Not only have we made efforts to reduce our total waste, but all waste that we do produce is either recycled or reused
- We offer employee benefits such as a car incentive scheme which encourages employees to opt for hybrid or fully electric vehicles, cycle to work scheme and train season ticket loan scheme which enable employees to use more sustainable transport options
- We have introduced the Travel Smarter Campaign in order to encourage employees to consider alternatives to business travel. Where travel is still required we promote more sustainable methods of travelling

In the future, we are looking to undertake further activities in order to reduce our overall carbon emissions and to improve our carbon footprint reporting:

- We are undertaking solar PV feasibility studies in order to assess the installation of additional solar PV across our UK sites
- We will continue to purchase 100% of the electricity used on our sites from renewable sources, likewise we are beginning the transition away from fossil fuels to renewable or low carbon alternatives
- We will continue to develop and improve upon our already comprehensive energy metering and meter architecture in order to provide further granularity, accuracy and availability of energy consumption data
- Where appropriate we will continue to design and develop new buildings to BREEAM (Building Research Establishment Environmental Assessment Method) standards and will factor in consideration for Net Zero and Low Carbon opportunities, such as passive design or more efficient buildings services
- We will be installing EV charge points on our sites in order to promote low carbon commuting methods
- We are beginning to work with our suppliers to source more sustainably and to measure the carbon footprint of our purchased goods and services and capital goods
- We are developing the framework for improved monitoring and targeting of our scope 3 emissions

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DECLARATION AND SIGN OFF

This Carbon Reduction Plan has been completed in accordance with PPN06/21 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 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) Standard¹.

This Carbon Reduction Plan has been reviewed and approved by the MBDA UK board of directors.

Signed on behalf of the Supplier:



James Allibone
MBDA UK Deputy Managing Director

Date: 30/06/2022

¹ <https://ghgprotocol.org/corporate-standard>