

DEFENCE AND SPACE

Airbus Defence and Space Ltd

2023 Carbon Reduction Plan



AIRBUS

Commitment to achieving net zero



Airbus Defence and Space Ltd is committed to achieving Net Zero emissions for its UK operations by 2050.

This commitment is made in line with the global Airbus SE (“Airbus”) near term target to reduce emissions in line with a 1.5°C pathway as validated by the Science Based Target initiative (SBTi) in January 2023.

Baseline emissions footprint

Baseline emissions are a record of the greenhouse gases produced in the past and prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Airbus Defence and Space Ltd scope Baseline year: 2015

Additional Details Relating to the Baseline Emissions Calculations.

Airbus has set 2015 as the baseline year for its 2030 emission reduction plan. Scope 1 and 2 figures, for both the baseline and current years, are calculated as pro-rata (by reference to the number of Airbus full-time employees) of global Airbus environmental reported data (Ref: Airbus Annual Report). In 2023 Airbus improved its reporting methodology and all Scope 1 and 2 data in this document has been restated to reflect these evolutions.

Airbus Defence and Space Ltd scope Baseline year emissions:	
Emissions	Total (tCO ₂ e)
Scope 1	13,789
Scope 2	9,201
Scope 3 – included sources	7,560
Total emissions	30,551



Current emissions reporting

Airbus Defence and Space Ltd scope Reporting year 2023:	
Emissions	Total (tCO ₂ e)
Scope 1	10,831
Scope 2	6,218
Scope 3 – included sources	10,092
Total emissions	27,141

Scope 3 emissions data increased significantly during 2023 as a consequence of improved monitoring of downstream transportation and distribution related emissions.

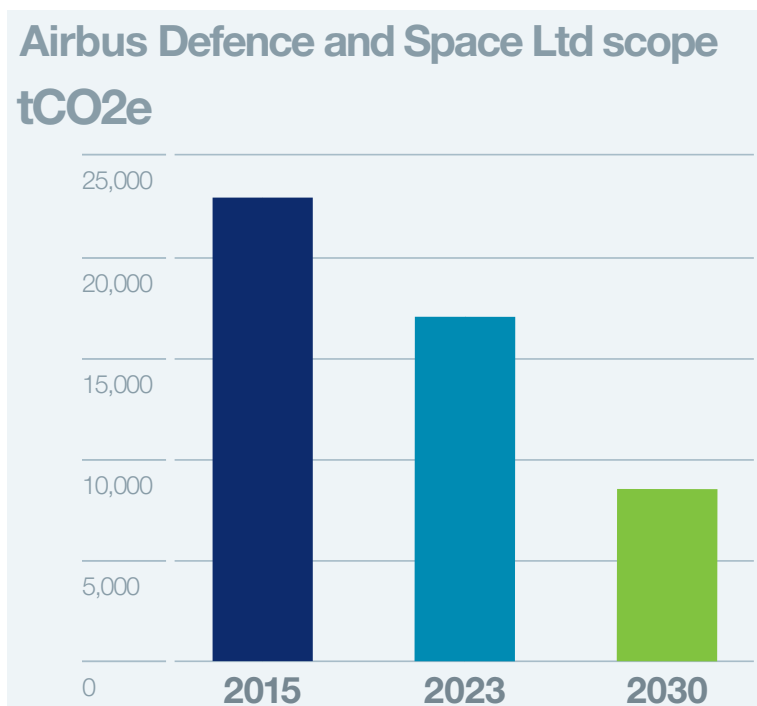
Emissions reduction targets

In order to continue our progress to achieving net zero, Airbus has adopted the following GHG emissions reduction targets.

Airbus Defence and Space Ltd projects that its Scope 1 and 2 carbon emissions will decrease by 63%, to a total of 8,507 tCO₂e by 2030.



Progress against these targets can be seen in the graph



Airbus wide carbon reduction projects



high5+

In 2019, Airbus rolled out its high5+, a plan to reduce the environmental footprint of its industrial operations globally by 2030 in the areas of energy and water consumption, waste production and VOC (volatile organic compound) and CO₂e emissions. These 2030 objectives were set as absolute reductions compared to 2015 Baseline levels.

Specifically on energy and CO₂, the objective is to achieve an energy reduction of 20% and Scope 1 and 2 net GHG¹ emissions reduction of 63% by 2030. This target was set by applying the relevant "Science Based Target Initiative" (SBTi) methodology for a near-term target in line with a "1.5°C" pathway. While Airbus is working on a detailed pathway for a long-term target in line with the SBTi Net-Zero standard, it has committed to neutralise the scopes 1 and 2 residual emissions from 2030 by using only carbon removals.

Energy efficiency maintenance and equipment upgrades

As part of its strategy to improve energy efficiency, Airbus is exploring specific energy improvement projects and maintenance replacements. This means that replacements under maintenance will be to the latest applicable energy standard. For example, legacy air handling unit belt drive motors are being replaced with electronically commutated plug fan motors as part of standard maintenance activity.

Low carbon power strategy

Airbus is currently in the process of securing 100% of its power from renewable sources. The intention is that this will be obtained through a combination of investment in onsite renewables, direct wire connection from local sources, corporate power purchase agreement and Renewable Energy Guarantee of Origin (REGO). As part of this transition Airbus Defence and Space Ltd procured 90% of its power through REGOs in 2023.

ISO 14001 certification

Airbus continues to demonstrate its commitment to improving its environmental performance by having been recertified to ISO 14001.

Airbus actively monitors its environmental data throughout the organisation in order to measure the environmental impact of its site operations, track its performance and communicate information on environmental matters to internal and external stakeholders. Since 2010, Airbus has published environmental data verified by external auditors.

Transport and Logistics

Airbus Transport and Logistics are implementing a sustainability strategy in line with the Airbus high5+ 2030 objectives. The initial stage is to define measurement and monitoring processes to enable the establishment of baselines and the setting of improvement objectives.

¹ REVISED BASELINE = 22,911 tonnes and revised target (2030) of 8,507 tonnes



Completed and future carbon reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2015 baseline. The GHG emissions reduction achieved by these schemes equate to 5088 tCO₂e, a 22% reduction against the 2015 baseline and the measures will be in effect when performing the contract.

Some examples of completed and on-going projects are described here below.

Heating

At our Stevenage site, a second replacement steam boiler was installed in June 2023. This new boiler is more efficient, has less capacity than the original boiler, and is expected to provide for further reductions in gas consumed. Two new compressors were also installed in December 2023 which are smaller and more efficient than those they replaced.

Insulation

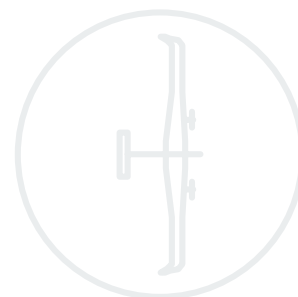
At our Portsmouth site we started a project during 2023 to replace the roof of two buildings, representing about 30% of the total roof space on site. This will provide for improved insulation which will decrease building heating requirements. This project is expected to be completed during 2024.

Lighting and controls

Airbus has embarked on a lighting replacement programme to transition all main facilities to LED standards with advanced controls.

Both Portsmouth and Stevenage sites are subject to Building Management System upgrades to provide better lighting, and Heating, Ventilation, and Air Conditioning (known as "HVAC") controls. These upgrades started in December 2023.

Airbus Defence and Space is also certified to the ISO50001 Energy Management Systems standard.



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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions are calculated as pro-rata (by reference to the number of Airbus full-time employees) of global Airbus environmental reported data (Ref: Airbus Annual Report). 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 Airbus Defence and Space Ltd



29 July 2024

Kata Escott
**Managing Director,
Airbus Defence and Space Ltd**

Click or Scan:



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>