

Carbon Reduction Plan

Supplier name: Thales Alenia Space UK

Publication date: 26th June 2023

Commitment to achieving Net Zero

Thales Alenia Space UK is committed to achieve Net Zero emissions by 2050.

This forms part of the Thales Group's Strategy for a Low-Carbon Future. Thales aims to work with its entire value chain to achieve an ambitious reduction in its greenhouse gas emissions, with targets expressed in absolute values aligned with the Paris Agreement:

- 50.4% reduction in operational CO₂ emissions (operational processes and energy consumption) by 2030, with an interim target of 35% in 2023, aiming Net Zero by 2040.
- 15% reduction in other CO₂ emissions (supply chain and use of Thales's products by its clients) by 2030, with an interim target of 7% in 2023.

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: 2018	
Additional Details relating to the Baseline Emissions calculations.	
<p>In the baseline year 2018, Scope 1 and Scope 2 emissions were measured. The source of Scope 1 emissions was gas heating, and the source of Scope 2 emissions was electricity consumption. Only one category of Scope 3 emissions, waste generated in operations, was measured.</p> <p>The emissions reported for the baseline year excluded our operations at Harwell. These consisted of a small share of a multi-occupancy building and are expected to be negligible compared with the emissions at the larger site in Bristol. Since the baseline year, the operations at Harwell have expanded and are included in current reporting.</p> <p>All measurements have been recalculated to ensure accuracy and transparency.</p> <p>A new baseline year will be set in order to include additional Scope 3 emissions.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	9.47
Scope 2	104.52 (location based)
Scope 3 (Included Sources)	0.76 Included: Category 5: Waste generated in operations
Total Emissions	114.8

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	13.97
Scope 2	114.93 (location based) 0 (market based)
Scope 3 (Included Sources)	0.64 Included: Category 5: Waste generated in operations
Total Emissions	129.5

Emissions reduction targets

Our ambition is that Scope 1 & 2 carbon emissions will decrease to Net Zero t CO₂e by 2030 and the applicable Scope 3 emissions listed below to Net Zero t CO₂e by 2050.

A new baseline year of 2023 has been set from which the following emissions will be measured:

- Scope 1
- Scope 2
- Scope 3 Category 4: Upstream transportation and distribution
- Scope 3 Category 5: Waste generated in operations
- Scope 3 Category 6: Business travel
- Scope 3 Category 7: Employee commuting
- Scope 3 Category 8: Downstream transportation and distribution

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2018 baseline.

- Purchasing electricity from renewable sources
- Replacement of fluorescent tubes with LED lighting

We have plans in place to:

- Replace gas heating with electrical heating in our building at Bristol

In future we hope to:

- Move our activities at Harwell to a more energy-efficient building
- Generate renewable electricity by installing solar panels on our building roofs
- Encourage the use of electric vehicles for commuting, for example by providing additional charging points for employees

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 the Supplier:



Andrew Stanniland - Thales Alenia Space UK Chief Executive Officer

Date: 15/05/2023

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

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

