

# PPN 06/21 - Carbon Reduction Plan

Supplier name: Thales UK Limited

Publication date: 04 August 2022

## **Commitment to achieving Net Zero**

In accordance with its values, its corporate social responsibility policy and as part of a voluntary initiative, Thales is stepping up its commitment to a low-carbon future, reaffirming the undertakings it made by signing the Business Proposals for COP21 in 2015 and the French Business Climate Pledge in 2017 and 2019.

Thales UK has committed to achieving Carbon Net Zero by 2050. This ambitious challenge is built on six workstreams that have been identified as requiring action to reduce its CO2 output.

1. Mobility
  - a. Reducing emissions from Travel
  - b. Working towards low carbon transport
2. Procurement
  - a. Reducing emissions from Procurement / Supply chain
3. Operations
  - a. Reducing CO2 at our sites (Real estate) and Communities
  - b. Reducing emissions from operations
  - c. Cutting emissions from waste
4. Products
  - a. Reducing CO2 from Products & Services
5. Offsetting / Sequestration
  - a. Carbon credits
  - b. Reforestation & Afforestation
  - c. Carbon capture storage
  - d. Carbon offsetting (travel)
6. Support
  - a. CSR (Corporate Social Responsibility)
  - b. Social value
  - c. Communications

## 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.

<b>Baseline Year: 2018</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p><b>Scope 1 &amp; 2 Emissions:</b> Thales UK's largest energy source and carbon emissions result from the purchase of electricity across the estate, which covers around 80% of the total Scope 1 &amp; 2 emissions. That leaves 20% of fossil fuel consumption to address. To mitigate the Scope 2 impact of purchased electricity, Thales UK procure REGO certified renewable electricity tariffs, which essentially offsets these emissions to zero.</p> <p><b>Scope 3 Emissions:</b> Scope 3 emissions are baselined for the five defined categories in PPN 06/21. The remainder of the applicable categories are being addressed and will be baselined in 2022. The target remains as 2050 for Carbon Net Zero for all applicable categories of Scope 3.</p>	
<b>Baseline year emissions: 2018</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>6203.05</b>
<b>Scope 2</b>	<b>8974.37</b>
<b>Scope 3 (Included Sources)</b>	<b>4357.7</b> <b>Category 4: Upstream Transportation &amp; Distribution</b> <b>Category 5: Waste Generated in Operations</b> <b>Category 6: Business Travel</b> <b>Category 7: Employee Commuting</b> <b>Category 9: Downstream Transportation &amp; Distribution</b>
<b>Total Emissions</b>	<b>19535.12</b>

## Current Emissions Reporting

Reporting Year: 2021	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	3264
Scope 2	0 (Zero) All Electricity supplied to Thales UK is 100% renewable
Scope 3 (Included Sources)	11796.5 Category 4: Upstream Transportation & Distribution Category 5: Waste Generated in Operations Category 6: Business Travel Category 7: Employee Commuting Category 9: Downstream Transportation & Distribution
<b>Total Emissions</b>	<b>15060.5</b>

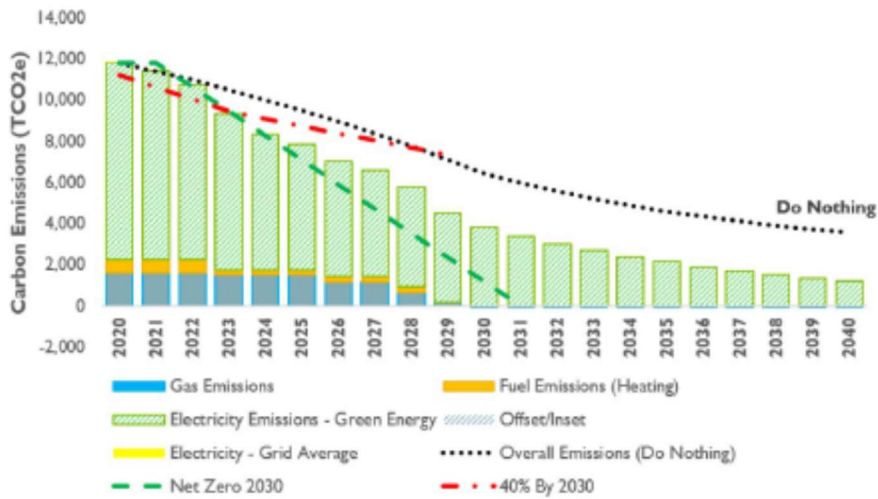
## Emissions reduction targets

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

Our ambition is that Scope 1 & 2 carbon emissions will decrease over the next 8 years to Net Zero tCO<sub>2</sub>e and the full set of applicable Scope 3 emissions by 2050.

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

**SCOPE 1 & 2 Emissions**



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

- Net Zero ambition within our own operations for 2030 (Scope 1 & 2)
- Net Zero across all Upstream and Downstream activities for 2050 (Scope 3)

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2018 baseline. The carbon emission reduction (scopes 1 & 2) achieved by these schemes equate to 11913.42 tCO<sub>2</sub>e, a 72.6% reduction against the 2018 baseline.

- Currently finalizing Thales UK's Carbon Net Zero Strategy , Carbon Net Zero
- Thales UK is certified to ISO50001, Energy Management Standard and ISO14001, Environmental Management Standard
- Behavioural change from the Thales UK Sustainable Development Programme
- Purchasing electricity from renewable sources
- Real Estate energy audit surveys have been completed which identify opportunities to reduce consumption and remove use of fossil fuels.
- Implemented a range of energy conservation measures: LED lighting, BMS improvements, Switch Off campaigns, Property consolidation.
- All refurbished and new buildings are subject to BREAAAM Building solutions
- Removal of all Diesel and Petrol only vehicles by 2026. (100% ULEV Fleet)
- Developing our product carbon footprint capabilities through out ECO-Design process
- Engaging the supply chain to understand, manage and reduce our wider environmental impacts.

In the future, we will implement further measures such as:

- Electrification of gas and oil heating systems across the estate
- Continual improvement and development of our Environmental Management System

## 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 standard<sup>7</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>8</sup>.

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<sup>9</sup>.

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:



Alex Cresswell

Chief Executive & Chairman, Thales

UK Date: 4th August 2022



Chris Shaw

Chief Operating Officer, Thales

UK Date: 4th August 2022