

Carbon Reduction Plan

Supplier name: Raytheon Systems Limited

Publication date: October 2023

Commitment to achieving Net Zero

Raytheon Systems Limited (RSL) is committed to achieving net zero emissions by 2050. As part of our environmental social governance, RSL is committed to identifying and calculating our carbon footprint, combined with providing innovative solutions for carbon reduction measures - we will do this by incorporating stakeholders from across the business, as well as supply chain. Decarbonisation is a priority for RSL and as part of our environmental strategy, we have commenced a journey to reach net zero. Efforts are underway to coordinate this transformation towards promoting sustainable measures, which will enhance and improve the carbon lifecycle that adds value to the economy.

Baseline Emissions Footprint

Baseline of the greenhouse gases (GHG) emissions are a record of emissions in a representative comparison year, against which a company can track and measure the success of its emissions abatement activities. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2019

Additional Details relating to the Baseline Emissions calculations.

RSL has reviewed and considered the following.

Scope 1 Emissions:

- Natural gas consumption in both owned and leased buildings.
- Fuel consumption of on-site vehicles, such as cherry pickers and forklifts.
- Refrigerant top up quantities of air conditioning units on site.
- Fuel consumption in company cars.

Scope 2 Emissions:

- Electricity usage in both owned and leased buildings.

Scope 3 Emissions:

- Upstream Transportation & Distribution
- Waste Generated in Operations
- Business Travel
- Employee Commuting
- Downstream Transportation & Distribution

RSL's Carbon Reduction Plan has now been updated to include calculation of the required scope 3 categories. Work is ongoing to improve the data collection for these categories and so they will be calculated with improved methodologies in future plans.

The above will form part of the wider reaching environmental strategy that RSL is working towards for its path to net zero 2050, which will encompass the remaining applicable categories under scope 3 emissions. This engagement to formalise the path has commenced and will continue throughout 2022.

Baseline year emissions: 2019

EMISSIONS	TOTAL (tCO₂e)
Scope 1	2,884 (24%)
Scope 2	3,770 (32%)
Scope 3 (Required Categories)	5,191 (44%)
Total Emissions	11,845

Current Emissions Reporting

Reporting Year: 2022

EMISSIONS	TOTAL (tCO₂e)
Scope 1	2,952 (38%)
Scope 2	803 (10%)
Scope 3 (Required Categories)	3,956 (51%)
Total Emissions	7,712

Emissions Reduction Targets

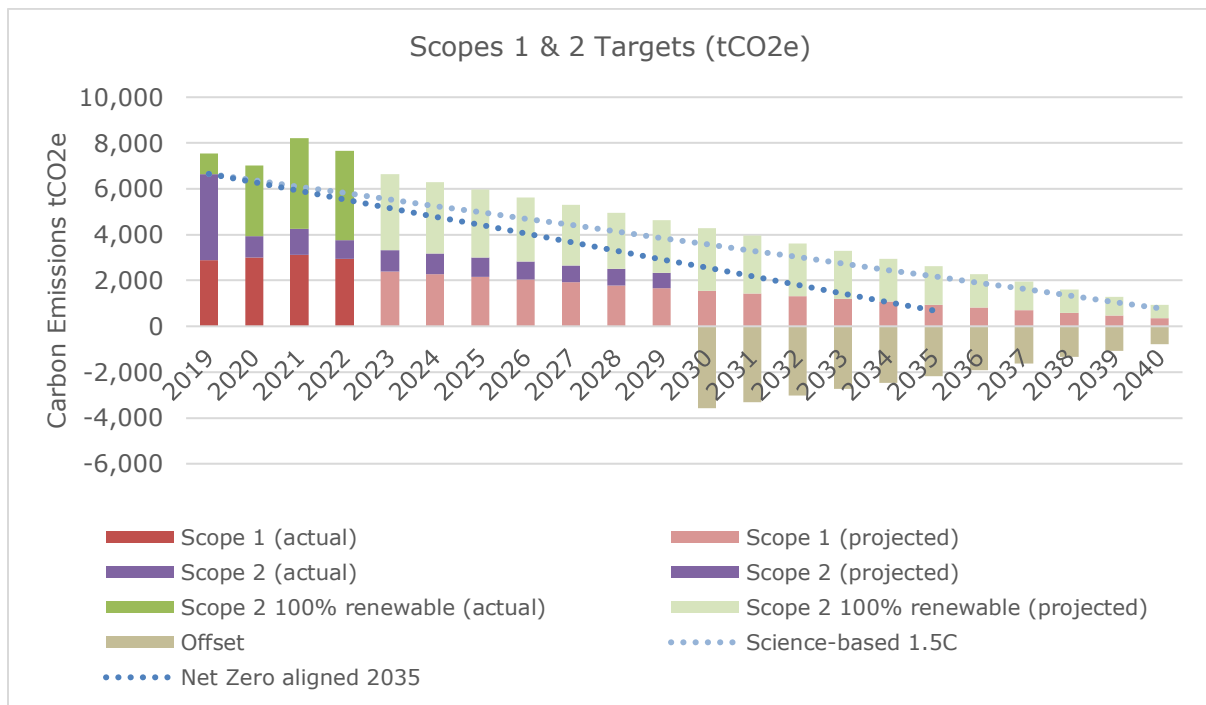
RSL is committed to reaching net zero for scope 1 & scope 2 emissions by 2035 and will progress to becoming net zero for scope 3 by 2050 from a 2019 baseline year. This aligns with the UK government’s net zero ambition for 2050.

RSL’s net zero targets for scopes 1 & 2 are aligned to the Paris Agreement objective to limit global temperature increase to 1.5°C above pre-industrial levels. This requires RSL to achieve at least an average annual emissions reduction of 4.2% by 2050.

RSL has set a more ambitious target for scopes 1 & 2 in order to achieve net zero by 2035. This target is expected to achieve annual emissions reductions of 5.6%, and it is more ambitious than current global warming pathways.

Scope 3 emissions reduction targets are aligned to a Well Below 2°C scenario of global temperature increase, this target requires RSL to achieve at least an average annual emissions reduction of 2.9% of their value chain emissions year-on-year up to 2050, relative to the baseline.

The graph below illustrates the actual emissions to date for scopes 1 & 2 for the period of 2019 to 2022 compared to the abatement pathway expected to be achieved.



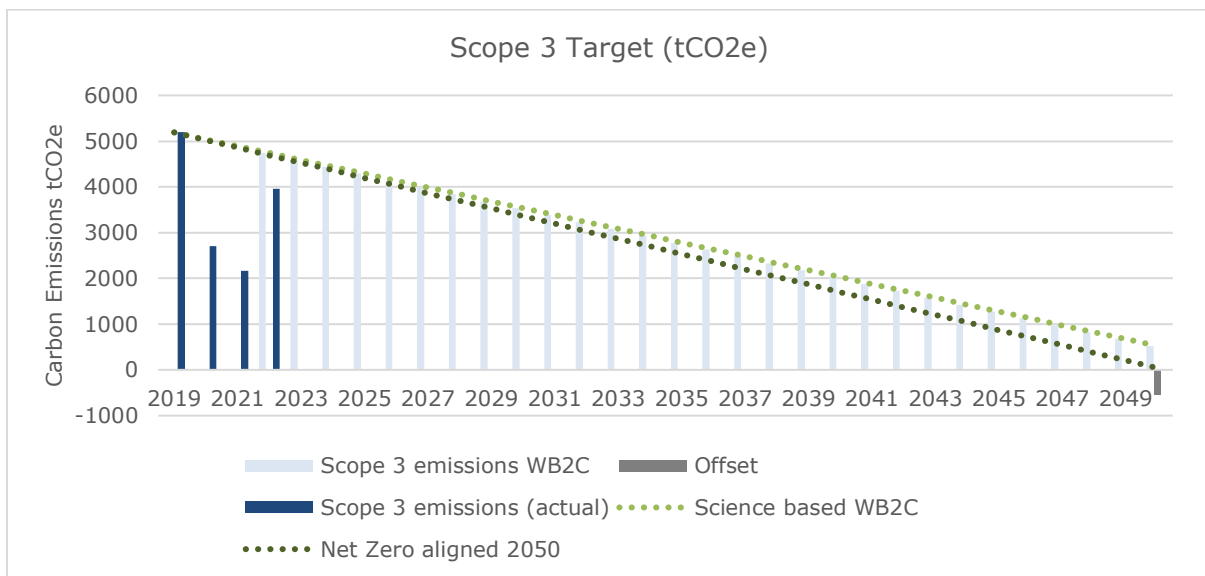
The scenarios in the graph above have been modelled taking into consideration the following parameters:

- Overall scope 1 & 2 trajectory aligned to 1.5°C global warming scenario (annual emissions reduction of 4.2%).
- Overall scope 1 & 2 targets aligned to Raytheon’s net zero objective requiring an annual emissions reduction of 5.6%.
- RSL buildings have 100% renewable electricity from 2019.

- RSL will purchase Renewable Energy Guarantee of Origin (REGO) from 2030 onwards for landlord supplied buildings.
- Raytheon is planning to offset scope 1 emissions from 2030
- Raytheon’s aim is to achieve scope 1 & 2 net zero through a 90% reduction in emissions and offsetting the residual by 2035.

The green bars reflect 100% renewable electricity. As RSL have selected a market-based approach for the target, this is included to show the switch from grid electricity to 100% renewable electricity and does not represent an increase in emissions. The green bar is above the line due to the opening of the Livingston site since the base year.

The scope 3 target is based on an annual GHG emissions reduction of 2.9% to reach net zero, including 10% offsets by 2050. The graph below illustrates the actual emissions to date for the period of 2019 to 2022 compared to the abatement pathway projected to 2050.



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline.

The carbon emission reduction achieved to date against the 2019 baseline are **4,133 tCO₂e**.

Selected RSL’s sites are certified to ISO14001 Environmental Management System, these sites are Glenrothes, Harlow, Broughton, Manchester and Gloucester. For all utilities supply contracts where we have direct control over the procurement of electricity; we have procured 100% renewable electricity certified by the REGOs, which accounts for 74% of the total electricity consumption used across our owned and leased portfolio.

Projects contributors to the carbon emissions reduction implemented at various sites since the baseline year 2019 are as follow:

- On going energy monitoring and efficient assessments in order to upgrade current installations to new technology, examples: the new boiler installed in the Livingston site, and the two heat exchangers installed in Broughton site to improve the gas boilers performance.
- Ongoing maintenance to existing boiler systems to preserve their manufacture efficiency levels.
- Building Management Systems (BMS) upgraded in the period of 2021 to 2022, these upgrades have contributed to the overall energy efficiency and associated carbon emissions reductions.
- Between 2021 and 2022 we decommissioned a redundant diesel generator in Manchester's site, and we installed a dual energy efficient sustainable generator in our Harlow site.
- Ongoing installation on all sites of LED lighting, photocell control upgrades and presence infrared (PIR) controls, to improve efficiency and reduce electricity consumption with some sites having reach 95% completion.
- Ongoing installation of additional electric cars charging units, to complement existing infrastructure to support the transition to electric vehicles.
- Ongoing installation of energy efficient hand dryers through all sites.
- Ongoing purchase of green electricity on owned and control sites.
- Continuous efforts on 'zero waste to landfill' programme achieving a 99% rate of waste diverted from landfill since baseline year 2019.
- Ongoing efforts to maintain high rates on recycling and recovery of used materials.

RTX's 2025 Sustainability Goal Programme currently in place, aims to identify resource efficiency opportunities and champion a wider sustainability culture.

RSL will continue to implement the following measures:

- Proposed future energy initiatives to be reviewed and embedded as part of the Plan Do Check Act cycle of continuous improvement.
- Undertake a cultural transformation of environmental, carbon and net zero awareness and training, including stakeholder engagement and communication.
- Engagement with RSL's supply chain partners to ascertain carbon emissions and potential carbon reduction initiatives.
- Embed sustainable procurement into the net zero path.
- Review and adopt environmentally friendly methods of manufacturing and engineering processes.
- Review future offsetting initiatives as part of the longer-term wider net zero path.

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 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 the Supplier:

A handwritten signature in black ink, appearing to read "Jeff Lewis".

Jeff Lewis
CEO & Managing Director, RSL
Date: 23 October 2023

A handwritten signature in black ink, appearing to read "Roland Howell".

Roland Howell
Chief Operating Officer, RSL
Date: October 2023