

Carbon Reduction Plan

Supplier name: **QinetiQ Limited**

Publication date: **30/09/2023**

Commitment to Net-Zero

QinetiQ Limited is committed to achieving Net Zero emissions by **2050** or sooner.

For more information, please see our QinetiQ Group [Net-Zero plan](#).

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 our greenhouse gas (GHG) emissions from the seven GHG's named by the Kyoto Protocol:

- Carbon Dioxide (CO₂)
- Hydrofluorocarbons (HFCs)
- Methane (CH₄)
- Nitrous Oxide (N₂O)
- Nitrogen Trifluoride (NF₃)
- Perfluorocarbons (PFCs)
- Sulphur Hexafluoride (SF₆)

Our Group-wide emissions are calculated in tonnes of carbon dioxide equivalent (CO₂e) using the appropriate conversion factors published by the UK Government Department for Energy Security and Net Zero (DESNZ).

QinetiQ Group GHG emissions reporting is aligned to our UK Financial Year (FY), i.e. 1st April to 31st March, and our Baseline year is FY20, i.e. 1st April 2019 to 31st March 2020. We published our first Carbon Reduction Plan (CRP) in September 2021, in response to the UK Government National Procurement Policy Notice (PPN) 06/21, and we have made a commitment to publish a new CRP at this time each year.

We use the "Financial Control" approach as part of our [GHG methodology](#).

As required by PPN 06/21, this document includes the following GHG emissions from QinetiQ Limited only (excluding emissions from other parts of QinetiQ Group):

- Scope 1
- Scope 2
- Scope 3
 - Category 4 (Upstream Transport & Distribution)
 - Category 5 (Waste from Operations)
 - Category 6 (Business Travel)
 - Category 7 (Employee Commuting)
 - Category 9 (Downstream Transport & Distribution)

Note that there are 15 different Categories of Scope 3 emissions, however PPN 06/21 only mandates the reporting of the five Categories listed above.

The Scope 1 and 2 figures presented are subject to limited assurance by a third party (see [reporting accounts](#)).

Baseline Year: FY20

Emissions	Total (tCO ₂ e)
Scope 1	18,486
Scope 2	16,298
Scope 3 (included sources)	16,526
Total Emissions	51,310

Reporting Year: FY23

Emissions	Total (tCO ₂ e)
Scope 1	12,163
Scope 2	11,358
Scope 3 (included sources)	11,413
Total Emissions	34,934

Emissions Reduction Targets

We commit to achieve Net-Zero GHG emissions by 2050 or sooner for our operations and across our whole value-chain (i.e. Scope 1, 2 and 3).

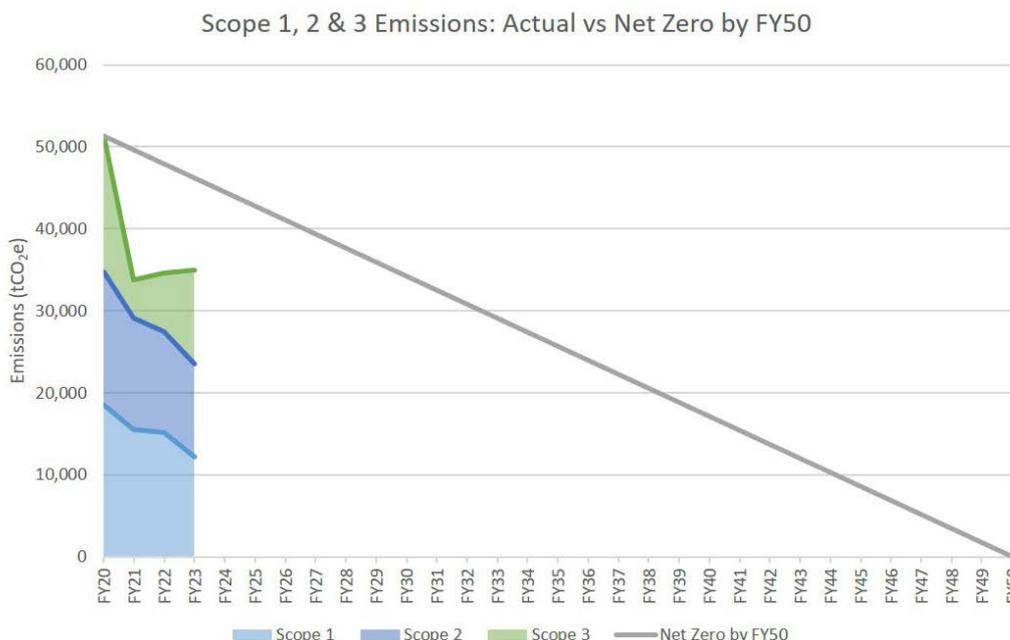
Our **Net-Zero Plan** outlines our emissions targets and the key initiatives that will enable us to meet these.

Our targets, shown below, comprise achievable near- and long-term science-based objectives, which are aligned with a 1.5°C pathway.

Our targets were validated by the Science Based Targets initiative (SBTi) in May 2022, and were considered to be ambitious. Through our SBTi validation, QinetiQ are proud members of both the SBTi Business Ambition for 1.5°C Campaign and the United Nations Framework Convention on Climate Change (UNFCCC) Race to Zero Campaign.

Timeframe	Scope 1&2	Scope 3	Total
FY20	Base year	Base year	Base year
FY30	-50% absolute reduction	-30% absolute reduction	-33% absolute reduction
FY50 or sooner	Net-Zero	Net-Zero	Net-Zero

Progress against these targets is presented in the graph below:



Since our first data capture, we have reviewed and revised our methodology, allowing us to build greater confidence in the scale and source of our current footprint. We aim to be transparent in our approach where improvements are made, particularly where a change in reported emissions is due to the calculation methodology and not due to a real reduction/increase. During FY23, QinetiQ Group made acquisitions which have resulted in corporate growth beyond the threshold set by SBTi, above which a re-baselining of emissions data and targets is required. Our re-baselined figures, taking into account changes in methodology and the impact of acquisitions, will be outlined in our 2024 Carbon Reduction Plan.

Greenhouse Gas Reduction Projects

Our Net-Zero plan outlines four key initiatives that drive our planned programme of activities, applying a data-driven approach to inform what we do and when. We developed these in accordance with the SBTi Net-Zero Standard and criteria, and the associated GHG Protocol Corporate Standards.

Our activities, mapped to these four key initiatives, span all elements of our value chain, and we have included examples of these below. A more detailed list of activities, including our plans for the next reporting period, can be found within our [FY23 Annual Report and Accounts](#).

Net-Zero Operations
(Scope 1 and 2 GHG emissions)

Initiative
01

Completed in FY23

- Elimination of Sulphur Hexafluoride (SF6) from Flash X-ray equipment.
- First phase of installation of new Electric Vehicle (EV) charging units across UK sites.
- Installation of Telematics systems in UK corporate fleet vehicles.
- Efficiency improvements to our aircraft, for example through a weight-reduction programme.

Net-Zero upstream and downstream focus
(Scope 3 GHG emissions)

Initiative
02

Completed in FY23

- Internal stakeholder mapping, to identify and engage with Scope 3 data owners from all areas of the business.
- Analysis of supply chain data, providing greater understanding of our emissions associated with purchased goods and services.
- Improved inclusion of environmental considerations within investment decisions, including mergers and acquisitions.
- Review of existing Business Travel policy and provider, and identification of areas for improvement to reduce emissions.

Deliver critical internal and industry-wide enabling activities

Initiative
03

Completed in FY23

- Inclusion of Net-Zero into the non-financial component of all senior leaders' incentive scheme.
- Creation of a dedicated idea generation channel for collaboration and innovation around climate change.
- Developed a Carbon Calculator Tool, to visualise the carbon footprint of activities, projects, and investment opportunities.
- Continued to play an important role on stakeholder steering committees and action groups, for example the Defence Suppliers Forum (DSF), ADS and TechUK.

Co-create with customers, invest in research and development and care for the environment

Initiative
04

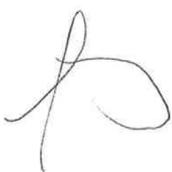
Completed in FY23

- Secured contracts with key customers for delivery of Net-Zero planning and strategy development.
- Secured agreement for additional funded Net-Zero research and concept development through our LTPA contract.
- Recognised by the UK MOD Sanctuary Awards for achievements in conservation and sustainability in relation to the renovation programme on St Kilda. The programme was Highly Commended in the Sustainable Procurement and Construction category.

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 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 Streamlined Energy & Carbon Reporting (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 our Group Chief Financial Officer, who is the lead for climate change on our Board of Directors.

Signed:

A handwritten signature in black ink, appearing to be 'Carol Borg', written in a cursive style.

Carol Borg, Group Chief Financial Officer

Date: 30/09/2023

**For further information
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