

# Northrop Grumman UK Limited Carbon Reduction Plan for UK PPN 06/21

Supplier name: Northrop Grumman UK Limited

Publication date: September 2022

### Commitment to achieving Net Zero

**Northrop Grumman UK Limited** is committed to achieving net zero emissions in our operations (Scope 1&2) by 2035. We are also committed to achieving net-zero emissions for the subset of Scope 3 categories as defined in PPN 06/21 by 2050.

### Baseline Emissions Footprint

<b>Baseline Year: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Our 2019 baseline year emissions inventory represents Scope 1, Scope 2, and the subset of Scope 3 categories defined by PPN 06/21 and is developed in alignment with GHG Reporting Protocol corporate standard <sup>1</sup> .	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	189
Scope 2	681
Scope 3 (Included Sources)	1,444
<b>Total Emissions</b>	<b>2,314</b>

## Current Emissions Reporting

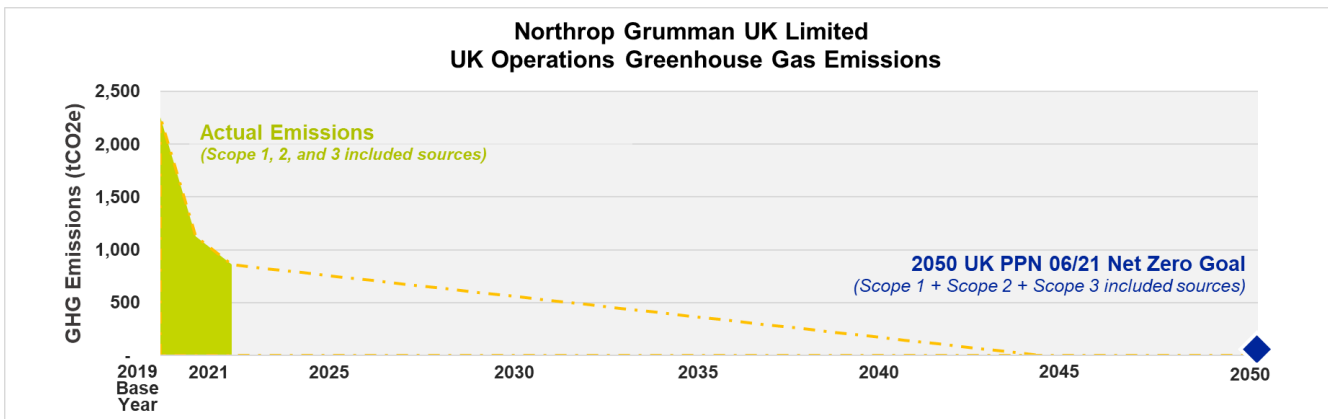
Reporting Year: 2021	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	125
Scope 2	437
Scope 3 (Included Sources)	322
<b>Total Emissions</b>	<b>884</b>

Scope 3 included sources includes: Business Travel, Employee Commuting, Waste Generated in Operations, Upstream & Downstream Transportation and Distribution

## Emissions reduction targets

Northrop Grumman Corporation next generation environmental sustainability goals were announced in 2022 and include sourcing 50 percent of total energy from renewable sources by 2030 and net zero GHG emissions in operations (Scope 1&2) by 2035. Northrop Grumman UK Limited is also committed to achieving net zero emissions for the subset of Scope 3 categories as defined in PPN 06/21 by 2050.

Our greenhouse gas emissions inventory is shown in the image below. Note the continued reduction in emissions in 2021 – this is due to reductions in a variety of categories, as highlighted in the below page. Please note we have re-calculated our baseline after receiving more accurate Scope 3 Upstream/Downstream Transportation & Distribution data.



## 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 equates to 1,430 tCO<sub>2</sub>e, a 62% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

- Implemented energy efficiency projects such as lighting and air conditioning unit upgrades that reduce GHG emissions, achieved energy reduction of -9% in 2021 compared to 2020
- Donated furniture from a building closure to Clear Workspace, avoiding Scope 3 waste generation emissions in 2020
- Implemented employee commuting programs including CycleScheme to encourage cycling to work and car sharing, reducing employee commuting emissions
- We currently maintain ISO14001 certification at three of our locations.
- Our greenNG Employee Resource Group actively engages employees on the environment and promotes environmental stewardship at work, at home, and in our communities. Implemented recycling schemes across key sites
- Adopted a hybrid working approach across the business which has reduced our commuting emissions
- Using video conferencing more effectively which has resulted in a reduction in international and national travel, resulting in reduced business travel emissions
- Actively worked with suppliers to gain more accurate and reliable upstream & downstream transportation and distribution data, waste data & business travel data which has allowed us to improve our reporting transparency

#### **In the future we hope to implement further measures such as:**

- Upgrade our fleet vehicles from diesel/petrol to hybrid EV vehicles
- Install EV charging infrastructure at key sites to reduce our scope 1 & 3 emissions
- Collaborate with our landlords to understand how they're going to contribute to decarbonising our leased buildings, and how we can support each other's carbon reduction journey
- Introduction of EV salary sacrifice scheme in January 2023 for all colleagues

## 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>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</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>3</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:



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Date: 13th September 2022 .....

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

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

<sup>3</sup> <https://ghgprotocol.org/standards/scope-3-standard>