

CARBON REDUCTION PLAN 2023

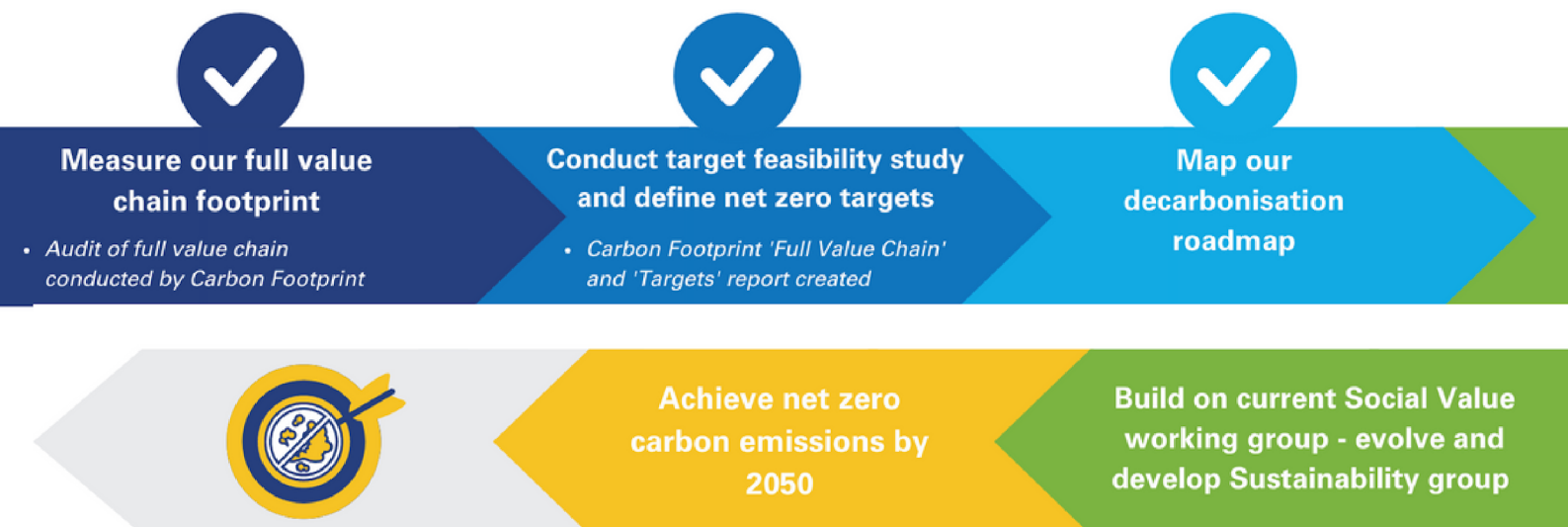


GENERAL DYNAMICS
United Kingdom Limited

CARBON REDUCTION PLAN

Corporate sustainability is rooted in our Company ethos. We're committed to reducing our global environmental impact, and through our focus on continuous improvement, we're striving to be a leader in environmental quality - creating efficiencies and building systems that reduce our emissions output.

Our roadmap and progress in achieving Net Zero emissions by 2050



OUR SUPPLY CHAIN

- £2m (45.7%) less spend on freighting due to temporary reduced production transport requirements in Land Systems
- Developing understanding of outputs from value chain audit and investigating sustainability initiatives
- Exploring additional ESG capabilities within JOSCAR
- Evolve a sustainable procurement strategy



BUSINESS TRAVEL

- Year-on-year reduction of land-based business travel
- Increased levels of air travel and hotel stays, attributed to lifting of travel restrictions
- Reviewing feasibility of additional colleague electric vehicle charging points
- Assessing future sustainable benefit options for colleagues



FOCUS AREAS

- Contracts in place for 100 per cent renewable energy across all UK sites – effective 2025
- Exploring future opportunities and initiatives for solar panels, wind turbines and water capture



RENEWABLE ENERGY

- Year-on-year reduction on electricity consumption and realising reduction of facilities footprint'
- Delivered operational improvements in BMS and HVAC systems, reducing energy consumption across sites
- Continuing to explore further BMS and VRF system upgrades



ENERGY EFFICIENT FACILITIES

EMISSIONS REPORTING

Scope	2022	2021 (baseline reporting year)	2020
Emission type	Total emissions (tCO2e)	Total emissions (tCO2e)	Total emissions (tCO2e)
Scope 1: Emissions from activities that General Dynamics UK owned or controlled sites (including combustion of fuel and operation facilities)			
Gas consumption (consumption of natural gas)	448	556	527
Process emissions (burning or processed oils and gas)	258	307	3
Fugitive Emissions (leaks and releases of refrigerants)	104	82	138
Scope 1 total emissions	811	945	668
Scope 2: Emissions from purchase of electricity, heat, steam and cooling purchased for own use			
Scope 2 total emissions	962	1,181	1,393
Scope 3: emissions as a result of actions that occur at sources not owned / controlled by General Dynamics UK and are not classed as Scope 2 emissions			
Scope 3 total emissions	10,390	16,869	19,696
Overall total emissions (tCO2e)	12,163	18,995	21,757

INTENSITY RATIO

Data for reporting period: 1 January to 31 December 2022



**3.21 tonnes of CO2e (tCO2e)
per full time employee***
**For scope 1, 2 and 3*

Retrospective validation and correction of 2021 data has been necessary due to human errors made in the 2021 assessment work. The corrected data can be seen in this year's plan.

Due to the breadth of available scope 3 data in 2021, our baseline year has been restated to 2021. Our verified SBTi targets have been set against this restated baseline.

OUR DECARBONISATION ROADMAP



2022

- Footprint appraisal inclusive of full value chain completed
- Target feasibility study completed - net zero targets set and global initiative, Science Based Target Initiative, set to meet the 1.5 degrees Celsius scenario by 2030

2022 - 2024



- Seek lower emission-intensive freight alternatives within our freight distribution network
- Focus on creating a more sustainable travel policy aimed at reduction of mileage and flights
- Build on current Social Value working group - continuing to evolve and develop the Sustainability working group

2025 - 2027



- Switch to a 100 per cent renewable electricity tariff - contracting 100 per cent green energy in 2025
- Convert to electrical heating at Wales-based sites in 2027 for Scope 1 and 2 emissions

2045



- Transition to use of full electric vehicle hire cars
- Become a carbon neutral organisation through carbon offsetting all remaining emissions which the Company cannot reduce further

2050

- Achieve net zero carbon emissions

OUR TARGETS

General Dynamics Corporation has committed to reducing all Scope 1 and Scope 2 energy / utility use by 40 per cent - to be achieved by 2034.

General Dynamics UK will contribute to this commitment through a two per cent year-on-year reduction of Scope 1 and Scope 2 energy and utility use - working towards achieving net zero carbon emissions by 2050.

33.7%



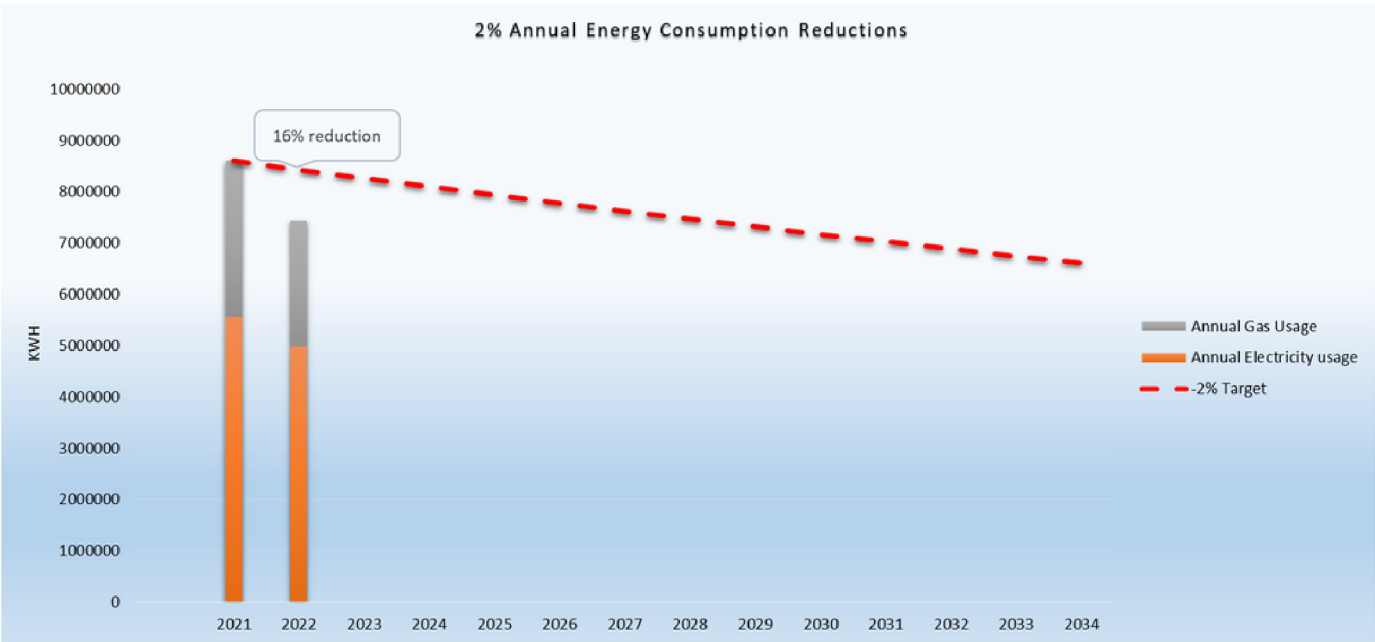
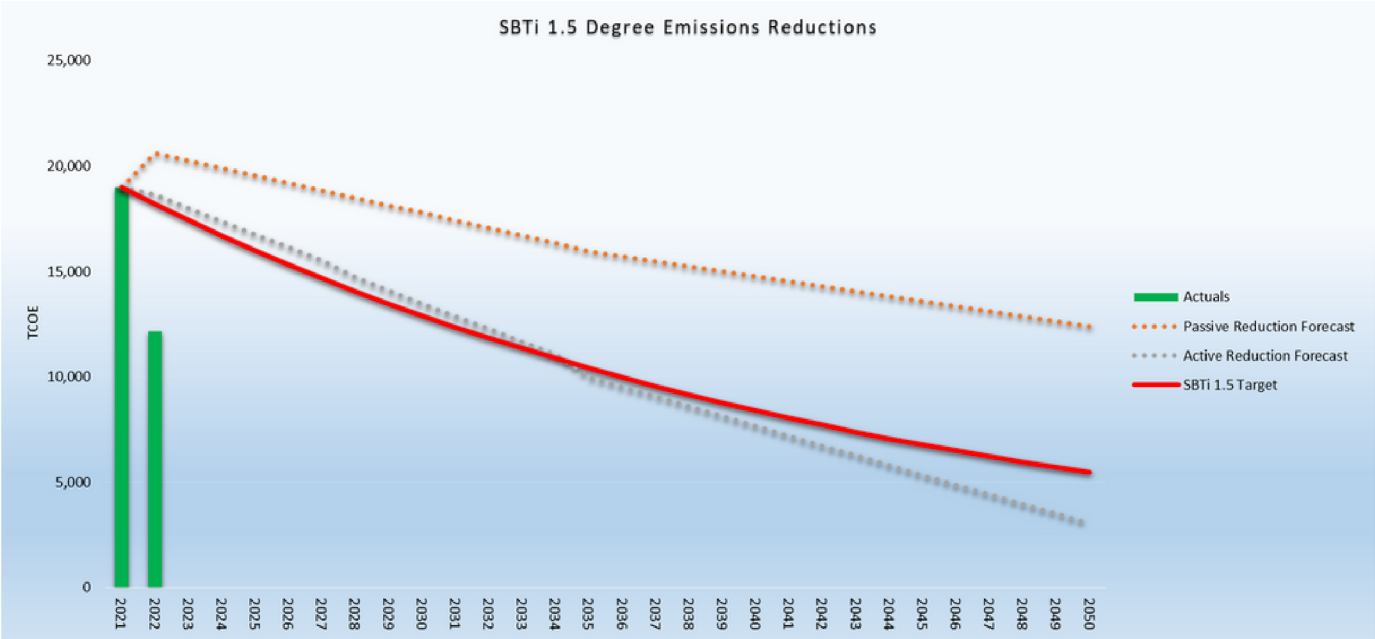
By 2030: we aim to reduce our (Scope 1, 2, and 3) market-based emissions by 33.7 per cent - meeting the Science Based Target initiative

85.1%



By 2050: we aim to reduce our (Scope 1, 2, and 3) market-based emissions by 85.1 per cent

PROGRESS TO TARGETS



DECLARATION

I confirm that the General Dynamics UK Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Based on our Carbon Reduction Plan, General Dynamics UK commits to achieving carbon Net Zero by 2050.

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 Company's Senior Management and agreed on December 20, 2023.



Mark Ashley
Vice President - UK TacCIS
General Dynamics Mission Systems–UK



Scott Milne
Vice President and General Manager
General Dynamics Land Systems–UK