

CARBON REDUCTION PLAN 2022



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



Measure our full value chain footprint

- Audit of full value chain conducted by Carbon Footprint



Conduct target feasibility study and define net zero targets

- Carbon Footprint 'Full Value Chain' and 'Targets' report created



Map our decarbonisation roadmap



Achieve net zero carbon emissions by 2050

Build on current Social Value working group - evolve and develop Sustainability group

OUR SUPPLY CHAIN

- Full value chain audit complete



BUSINESS TRAVEL

- Year-on-year reduction
- Assessment complete for future increase of colleague electric vehicle charging points



FOCUS AREAS

RENEWABLE ENERGY

- Contracts in-place for 100 per cent renewable energy across all UK sites - effective 2025



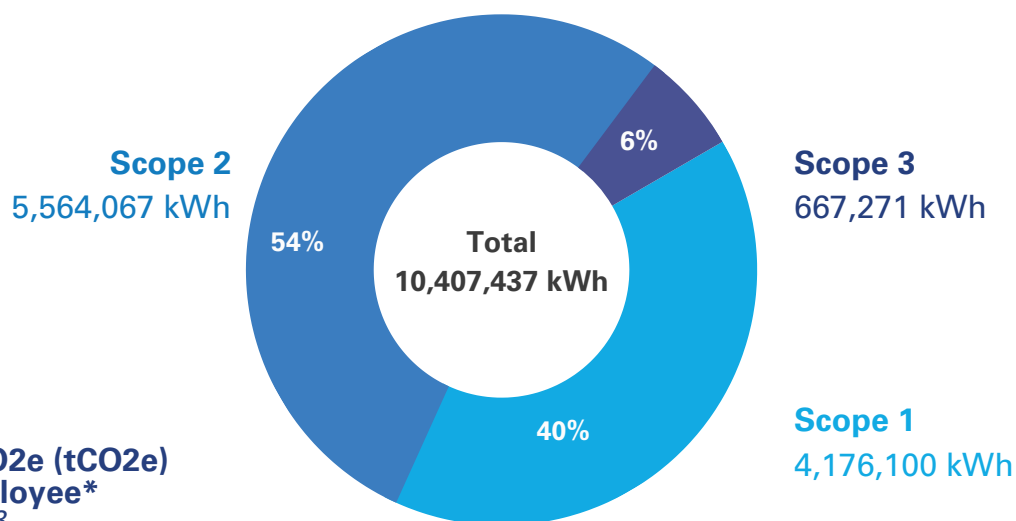
ENERGY EFFICIENT FACILITIES

- Year-on-year reduction on electricity
- Investment on building management system (HVAC) in 2021. 6.17 per cent energy reduction



ENERGY CONSUMPTION USED TO CALCULATE EMISSIONS

Data for reporting period: 1 January to 31 December 2021



INTENSITY RATIO

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

Scope	2020 (comparison reporting year)	2021 (current reporting year)
Emission type	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)	527	548
Process emissions (burning or processed oils and gas)	3	280
Fugitive Emissions (leaks and releases of refrigerants)	138	97
Scope 1 total emissions	668	925
Scope 2: Emissions from purchase of electricity, heat, steam and cooling purchased for own use		
Scope 2 total emissions	1,393	1,181
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	19,696	16,016
Overall total emissions (tCO₂e)	21,757	18,122

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%



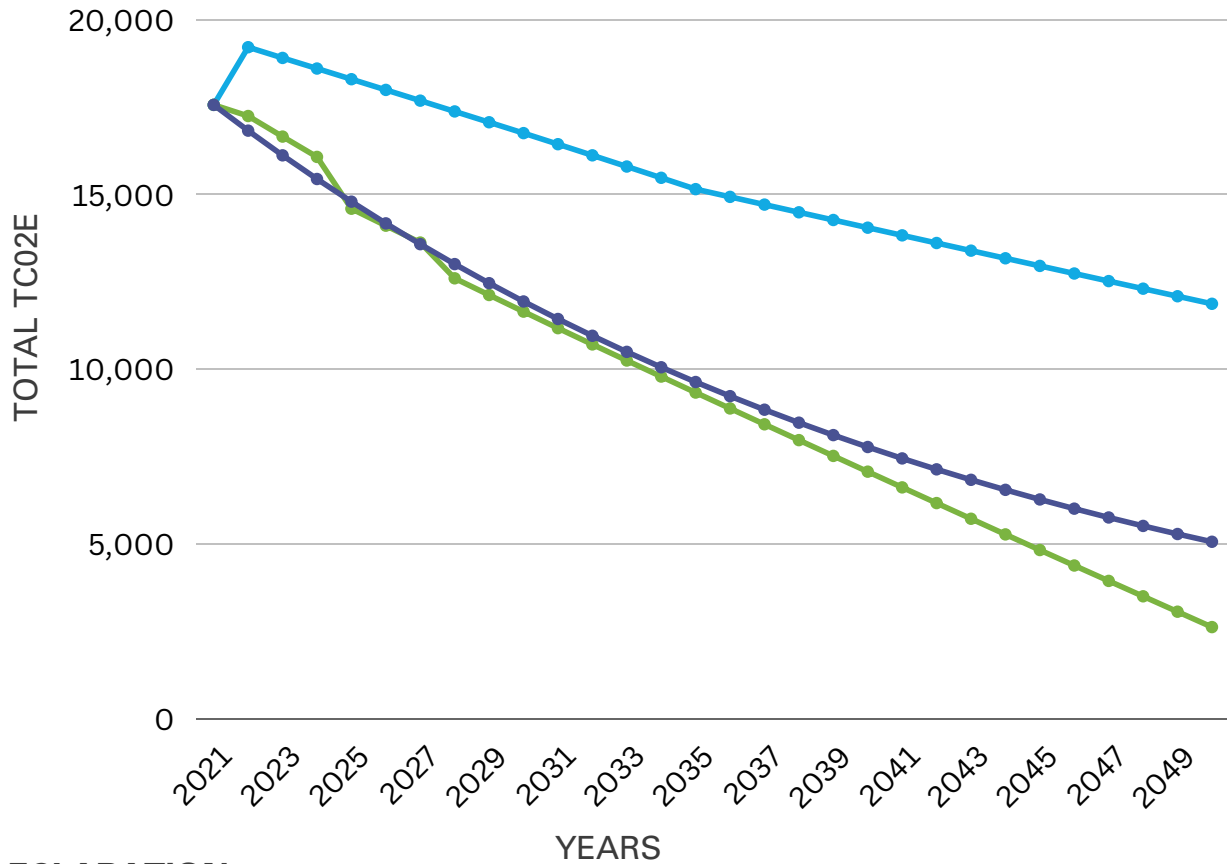
By 2050: we aim to reduce our (Scope 1, 2, and 3) market-based emissions by 85.1 per cent

OUR EMISSIONS FORECAST: 2021 - 2050

Passive reduction: forecasted if General Dynamics UK do not take any direct action

Active reduction: General Dynamics UK forecasted emissions - if we achieve the actions within our decarbonising roadmap

Science based targets: The minimum threshold we'll monitor - based on the Science Based Target initiative 1.5 degrees Celsius commitment



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.

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