



Carbon Reduction Plan

Supplier name

Bechtel Management Company
Limited (BMCL)

Date

29 September 2023



Commitment to achieving Net Zero

Bechtel Management Company Limited (BMCL) is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline Year: 2022		
Additional Details relating to the Baseline Emissions calculations.		
<p>BMCL is an engineering, construction and project management company that specialises in defence, nuclear security, and environmental clean-up.</p> <p>The majority of BMCL contracts with its customers are for the provision of project management services, where we are providing specialist services to our customers, often within integrated teams where our customers have financial and operational control and responsibility for Scope 1 and 2.</p> <p>The BMCL greenhouse gas (GHG) emissions footprint stems mainly from working in offices, commuting and some business travel, largely within the UK.</p> <p>The BMCL Carbon Reduction Plan, as published on 15 March 2022, contained baseline emissions calculated using BMCL’s pro-rata share of the combined total emissions of BMCL and Bechtel Limited (another Bechtel company in the UK). The pro-rata share for BMCL was proportional to hours worked on BMCL activities, as more granular data was not available. The 2019 and 2020 Total Emissions were reported as 440.66 tCO₂e and 168.91 tCO₂e, respectively.</p> <p>We have since worked to improve and refine data collection, such that the emissions data presented in this Carbon Reduction Plan is specific to BMCL activities and projects. Due to changes in calculation methods and improvements in the accuracy of activity data we have updated our baseline year to this reporting year, 2022, acknowledging the efforts to reduce emissions which have been implemented between 2019 and 2022. In doing this, we referred to <i>HM Government ‘Environmental Reporting Guidelines, March 2019</i>, which state, that structural changes including changes in calculation methods or activity data can result in the need to recalculate the base year.</p>		
Baseline year emissions: 2022		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	0.37 tCO ₂ e	
Scope 2	0.39 tCO ₂ e	
	Purchased Electricity	0.24
	Purchased Heating	0.15
Scope 3 (Included sources)	133.81 tCO ₂ e	
	SC3.1 Procurement of materials	0.01

	SC3.3 Well-to-tank GHG emissions	0.27
	SC3.4 Upstream Logistics	<i>de minimis</i> <0.01
	SC3.5 Waste from operations	<i>de minimis</i>
	SC3.6 Business Travel (WTW)	54.15
	SC3.7 Employee Commuting	79.38
	SC3.9 Downstream Transportation & Distribution	<i>de minimis</i>
Total Emissions	134.57 tCO2e	

Current Emissions Reporting

Current emissions are as reported for 2022 baseline emissions.

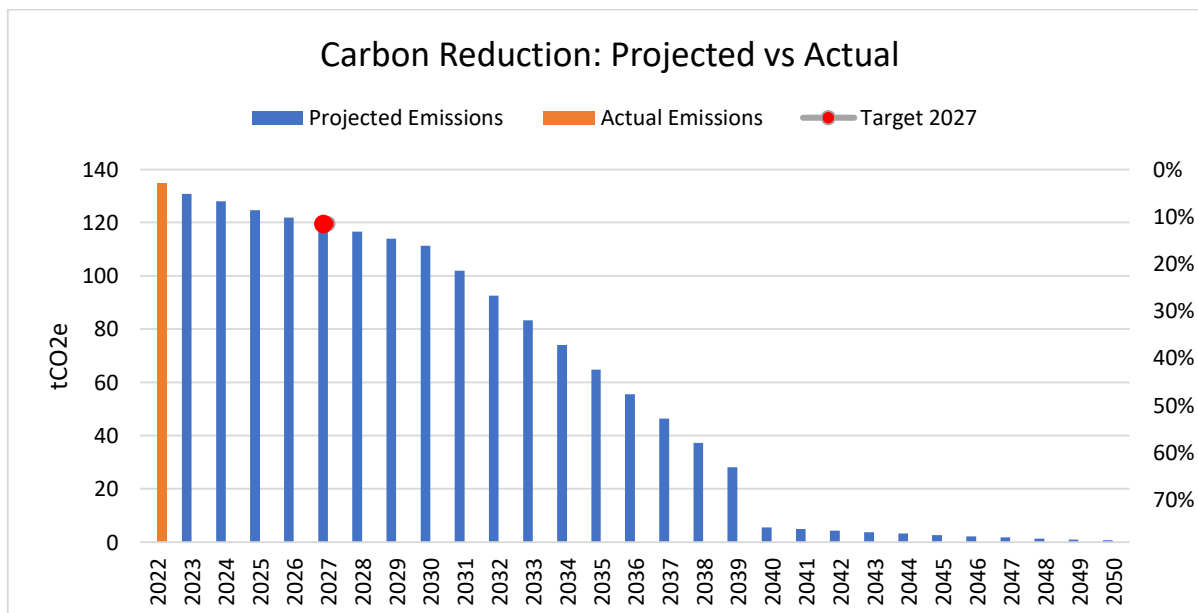
Reporting Year: 2022		
EMISSIONS	TOTAL (tCO2e)	
Scope 1	0.37 tCO2e	
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	Purchased Electricity	0.24
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Total Emissions	134.57 tCO2e	

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following target:

- Reduction of 11% by 2027

We project that our GHG emissions will decrease over the next five years to 119.77 tCO₂e (11%) by 2027. Projections against targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented by Bechtel:

- We have increased the number of resources in our decarbonisation team.
- We have formed a strategic advisory group on decarbonisation and a focus working group to reduce scope 3 supply chain GHG emissions, sharing best practice and learning from wider Bechtel experience and projects.
- Our Decarbonisation Manager developed a new tool for carbon emissions data collection and analysis to improve the accuracy of the GHG emissions inventory by changing calculation methods and getting more granular activity data.
- Improvements to our carbon reporting systems:
 - New calculation methods and identification and use of better quality datasets resulting in the update of our baseline year to from 2019 to 2022. This recognises that although an emissions reduction is demonstrable between 2019 (440.66 tCO₂e) and the 2022 (134.67 tCO₂e), that is a result of a combination of carbon reduction measures and the improved accuracy of our GHG emissions inventory.

- The Carbon Reduction Plan will be updated at least annually and published on our website to coincide with the publication of our annual accounts.
- Our carbon reduction targets are incorporated into the ISO 14001 environmental management system, which was audited and re-certified in August 2022.
- We have implemented a comprehensive 'tele-working' policy to maximise opportunities for employees to work remotely. This includes dynamic hot-desking to increase buildings utilisation rates, flexible working arrangements to reduce congestion at peak times, and the promotion of virtual meetings by default (when feasible) to minimise our travelling emissions.
- We reduced the average office floor space by 15%, as part of this, we occupied a smaller and more energy efficient office in central London. Some of the efficiency improvements included:
 - electric heat pumps (rather than natural gas boilers), water efficient toilets, LED lighting with automatic switches, improved energy efficient technology in printers and appliances.
 - Integration of reprogramming of the dimmable function for light fittings near windows to reduce electricity use.
 - Office now located centrally to encourage use of public transport, and active travel.
 - Facilities to encourage active travel to work, including lockers and shower.
 - Installation of improved heating, ventilation and air conditioning controls.
- Improvement of materials and waste management through use of higher recycled content paper, reduction of print facilities and improved recycling facilities including composting, and targeted waste reduction campaign in the office.
- Integrating a Carbon Management Plan or approach on BMCL projects.
- Integrating sustainability requirements for supply chain by incorporating sustainability including carbon and social value into procurement processes on projects.
- Use of our greenhouse gas inventory tool, adopted GHG Protocol reporting methodology and developed internal processes to monitor, evaluate and report GHG emissions across our whole organisation.
- Energy usage (electricity and gas) monitoring on a monthly basis in our offices to track, evaluate and manage performance.
- External and internal communications and engagement on our Path to Net Zero - carbon reduction training has been provided across the organisation.

In the future we hope to implement measures such as:

Short term

- Decarbonise our electricity and gas supply by obtaining renewable electricity and gas supply, underpinned with full REGO Certification.
- As part of our compliance with the Energy Saving Opportunities Scheme (ESOS), energy audits will be conducted at London office in 2023, this will help us make informed decisions for energy efficiency and identify opportunities for improvement.

- Implement a green business travel and commuting policy to support measures such as:
 - Shifting the use of private vehicles towards public transport.
 - Battery Electric Vehicle (BEV) as the default vehicle rental category.
 - BEV as the default taxi choice.
 - Promotion of car-pooling.
- Exploring the methodologies for carbon accounting of additional voluntary scope 3 GHG reporting categories such as procurement of materials and services, upstream leased assets and working from home GHG emissions.
- Continue to promote a flexible remote working policy to decrease commuting emissions.
- Continue to invest in training and upskilling our people in carbon reduction through structured training programmes and information sharing.
- Continue to identify and integrate carbon reduction actions through our strategic advisory group on decarbonisation and focus working group on scope 3 supply chain emissions
- We will develop a Net Zero competency framework to define the tailored training requirements across the organisation.
- Get external verification of our carbon emissions baseline and for annual updates
- Finalising carbon management plans for all projects.
- Conduct gap analysis for PAS 2080:2023 (Global standard for Carbon Management in Infrastructure) compliance to demonstrate our commitment to carbon management in infrastructure.
- Contributing to the development of a low carbon concrete working group.
- Create internal tools for managing carbon including a carbon reporting dashboard, and a carbon optimiser to support target setting and drive the uptake of low carbon initiatives.
- Include carbon intensity performance indicators as part of emissions reporting to facilitate benchmarking.

Medium-Long term

- Support our workforce shift towards electrified mobility options by seeking to reduce commuting emissions and those from business travel conducted with private cars.
- Increase electrification of the vehicle fleet through integration of additional Electric Vehicles and recharging with renewable electricity.
- Establish a procurement policy requiring our supply chain to progress toward Net Zero.
- Work toward PAS 2080 verification to demonstrate our commitment to carbon management in infrastructure.

Declaration and Sign Off

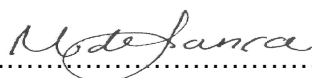
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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.

Signed on behalf of the Supplier:



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Michelle de Franca
Managing Director, UK & Ireland
Director BMCL

Date: 29th September 2023