

Carbon Reduction Plan

Supplier name: Kellogg Brown & Root (KBR)

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Commitment to Achieving Net Zero

Kellogg Brown & Root Limited (KBR) is committed to achieving Net Zero emissions by 2030.

In 2024, our Science Based Targets will be submitted to the Science Based Targets Initiative. Once our global baseline and targets have been confirmed, we are likely to update our KBR Limited baseline year and targets to be consistent with global KBR reporting.

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.

Additional Details relating to the Baseline Emissions calculations:

- Our carbon emissions are calculated using an operational control approach, as described in the GHG Protocol. Therefore, only the following KBR UK sites are considered: Leatherhead (office) and Swindon (office and warehouse).
- The following Kellogg Brown and Root Limited subsidiaries have their own PPN 06/21 compliant Carbon Reduction Plans and are excluded from all data reported in this Kellogg Brown and Root Limited Carbon Reduction Plan:
 - [Frazer Nash Consultancy Limited](#)

Baseline Year: 2019			
Baseline Year metric tonnes of carbon dioxide equivalent emissions:			
Scope 1			1,278
Scope 2	Location based		1,025
	Marked based*		256
Scope 3 (Included sources)	Category 4	Upstream Transportation and Distribution	72
	Category 5	Waste generated in operations	0
	Category 6	Business Travel	11,184
	Category 7	Employee commuting	3,150
	Category 9	Downstream Transportation and Distribution	KBR are a Services organisation and does not sell or transport products
	Total		
Total Emissions**			16,709

* Purchase of Renewable Energy Guarantees of Origin (REGOs).

** Location-based emissions reported in accordance with [UK Government Environmental Reporting guidelines](#)

Current Emissions Reporting

Additional Details relating to the Current Emissions calculations:

- Our carbon emissions are calculated using an operational control approach, as described in the GHG Protocol. Therefore, only the following KBR UK sites are considered: Leatherhead (office) and Swindon (office and warehouse).
- Our operations in 2022 “living with covid” have caused an increase in business travel and employee commuting compared to 2020 and 2021. Our people have been travelling internationally and we have a formal 3 days working in the office policy.
- The following Kellogg Brown and Root Limited subsidiary has their own PPN 06/21 compliant Carbon Reduction Plan and is excluded from all data in this Kellogg Brown and Root Limited Carbon Reduction Plan:
 - [Frazer Nash Consultancy Limited](#)
- We have estimated our employees working from home emissions.
- We have reported both location and market based scope 1 and 2 emissions to demonstrate our procurement of certified renewable energy.

Reporting Year: 2022			
Reporting year metric tonnes of carbon dioxide equivalent emissions:			
Scope 1	Location based		551
	Marked based*		125
Scope 2	Location based		594
	Marked based**		17
Scope 3 (Included sources)	Category 4	Upstream Transportation and Distribution	161***
	Category 5	Waste generated in operations	3
	Category 6	Business Travel	1,930
	Category 7	Employee commuting	1,063
		Employee Working from Home	265
	Category 9	Downstream Transportation and Distribution	KBR are a Services organisation and does not sell or transport products
	Total		3,422
Total Emissions <i>(Location based)</i>			4,567

* Purchase of Renewable Energy Guarantees of Origin (REGOs).

** Purchase of Renewable Gas Guarantees of Origin (RGGOs).

*** Increase compared to 2019 mainly caused by purchasing of IT equipment that required air freight.

Emissions Reduction Targets

We have met and bettered our interim targets.

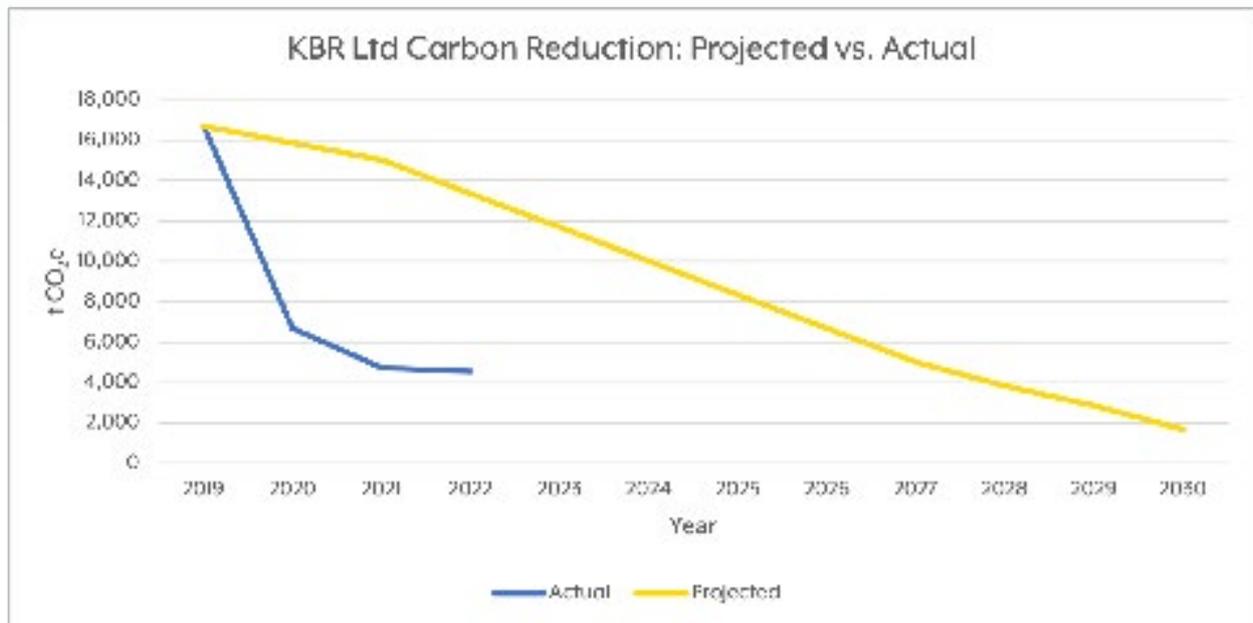
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

- 30% reduction by 2023, having already achieved a 73% reduction by 2022
- 60% reduction by 2026

We project that carbon emissions will decrease over the next five years to 5,013 tCO₂e by 2027. This is a reduction of 70%

Please note, in 2024, our Science Based Targets will be submitted to the Science Based Targets Initiative. Once our global baseline and targets have been confirmed, we are likely to update our KBR Limited baseline year and targets to be consistent with global KBR reporting.

Progress against these targets can be seen in the graph below:



The data for 2022 represents our operations post the Covid-19 pandemic. Our GHG emissions for 2022 are similar in total quantity to 2021. Whilst there has been an increase in GHG emissions associated with Business travel compared to 2021, we have also seen reductions in purchased electricity and purchased heating gas, on a location basis, compared to 2021. Our largest area of reduction has been in employee commuting GHG emissions. This is primarily due to a change in GHG emissions calculation methodology, as we now have a company policy that requires workers to be in the office 3 days a week. Previously, we could not provide a high quality employee commuting and working from home GHG emissions estimate, as some employees working on projects still attended site and people attended our offices sporadically. Therefore, in previous years we took a conservative approach and estimated all employees still travelled 5 days a week into the office.

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 by these schemes equate to 12,142 tCO₂e, a 73%ge reduction against the 2019 baseline and the measures will be in effect when performing the contract.

2020

- Agile working policy resulting in a reduction in company travel, including flights
- Modernisation of company vehicle fleet
- LED lighting installed in Leatherhead office
- Renewable Energy Guarantees of Origin (REGOs) in Leatherhead office
- Zero waste to landfill in Leatherhead office
- Introduction of KBR global sustainability pillars
- Continue to maintain and continually improve our environmental management system, which is externally certified to the ISO 14001:2015 standard.
- Continuation of KBR's One Ocean initiative that has developed a syllabus to teach children about the importance of the environmental pillar of sustainability and its effects on the environment with a focus on plastics and the ocean, but also addressing broader impacts such as biodiversity and the circular economy to support at community level
- Pool cycle bikes at Swindon location
- KBR Inc. offset our Scope 1, 2 and Scope 3 (business travel only) GHG emissions via Gold Standard certified offsets
 - <https://www.kbr.com/en/document/8866>
- KBR Inc. voluntarily report to CDP and TCFD

2021

- Renewable Gas Guarantees of Origin (RGGOs) in Leatherhead office
- Introduction of an electric car salary sacrifice scheme
- Projects making sustainability pledges to support carbon reduction at the project level
- Global initiative for personal sustainability pledges to support at an individual level
- Change champions at the Swindon office who work to create and deliver initiatives to support KBR's sustainability pillars, initiatives include the 'switch me off' campaign to encourage colleagues to switch lights and equipment when not in use and local litter picking day.
- Global target to be a paperless organisation by 2023

- Continue to maintain and continually improve our environmental management system, which is externally certified to the ISO 14001:2015 standard.
- Global Environmental and Sustainability Policies published embedding Net Zero.
 - <https://www.kbr.com/en/document/8811>
 - <https://www.kbr.com/en/document/8806>
- KBR Inc. offset our Scope 1, 2 and Scope 3 (business travel only) GHG emissions via Gold Standard certified offsets
 - <https://www.kbr.com/en/document/11291>
- KBR Inc. voluntarily report to CDP and TCFD
- Recruitment of KBR Government Solution International Projects and Programmes Division Sustainability Manager, Will Clothier

2022

- KBR Government Solution International Projects and Programmes Division start accounting for the GHG emissions associate with their activities on client projects.
- Each project has a bespoke carbon reduction plan with specific actions.
- Supply chain net zero maturity assessment
- Launch of KBR Sustainable Supply Chain Charter
 - <https://www.kbr.com/en/document/11691>
- Operation of a coach that meets the latest emissions standards operates between Leatherhead Railway Station and KBR Leather Offices to enable easier switching to public transport for employees and visitors.
- Continue to maintain and continually improve our environmental management system, which is externally certified to the ISO 14001:2015 standard.
- LED lighting replacements at our Swindon and Leatherhead Offices.
- Doubled the number of Electric Vehicles chargers at our Swindon and Leatherhead Offices.

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

- Build awareness amongst our workforce of the impact of their decisions on our journey to net zero.
- Tracking our Supply Chain emissions and environmental performance through roll-out of sustainability assessment including:
 - Use of CDP Supply Chain service for our 500 largest (by spend), strategic and critical suppliers.
 - Use of EcoVadis for our top 5% (by spend) of suppliers globally, as well as strategic and critical suppliers.
- Development and use of Net zero related contract clauses.
- Net Zero targets to be submitted to SBTi
- Continue to maintain and continually improve our environmental management system, which is externally certified to the ISO 14001:2015 standard.
- Update to our travel policy incorporating the requirements of the Global Environmental and Sustainability Policies
- Improve showers / changing facilities for walkers and cyclists at Leatherhead offices.

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^[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting^[2].

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^[3].

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:



Paul Kahn | President, Government Solutions International

Date: 11 July 2023

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

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

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