

Carbon Reduction Plan

Measuring Impact and Calculating Value

Supplier name: Kellogg Brown & Root (KBR)

Publication date: 30-Sept-2021

We deliver science, technology and engineering solutions to governments and companies around the world.



1 - Commitment to Achieving Net Zero

Kellogg Brown & Root Limited (KBR) is committed to achieving Net Zero emissions by 2030, in line with our KBR Global Net Zero by 2030 commitment.

Net Zero Definition

The Science Based Targets initiative (SBTi)¹ has defined net zero targets² for corporates as follows:

“To reach a state of net zero emissions for companies implies two conditions:

1. To achieve a scale of value-chain emission reductions consistent with the depth of abatement achieved in pathways that limit warming to 1.5°C with no or limited overshoot and;
2. To neutralise the impact of any source of residual emissions that remains unfeasible to be removing an equivalent amount of atmospheric carbon dioxide.”



[1] <https://sciencebasedtargets.org/>

[2] <https://sciencebasedtargets.org/resources/files/foundations-for-net-zero-full-paper.pdf>

2 - 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.

Baseline Year: 2019

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 KBR Government Solutions (GS) Europe, Middle East and Africa (EMEA) site: Swindon (office).
- KBR has been purchasing renewable energy since April 2019.

Baseline year emissions

EMISSIONS	TOTAL (tCO ₂ e)		
Scope 1	1,227.3		
Scope 2	location-based		1,667.0
	Market based		368.8
Scope 3	Category 4	Upstream Transportation & Distribution	238.5
	Category 5	Waste generated in operations	0.03
	Category 6	Business Travel	11,184.2
	Category 7	Employee commuting	3,149.9
	Category 9	Downstream Transportation & Distribution	KBR are a Services organisation and does not sell or transport products
	Total scope		14,572.6
Total emissions	17,517.01		

3 - Current Emissions Reporting

Reporting Year: 2020

Additional Details relating to the Reporting Year 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 KBR Government Solutions (GS) Europe, Middle East and Africa (EMEA) site: Swindon (office).
- The impact of Covid-19 on reducing our calculated Scope 1, 2 and 3 (business travel specifically) also need to be considered, as there were less people in the offices, thus the demand for electricity and gas decreased as well as the number of business trips.
- KBR purchased 100% renewable energy in 2020.

EMISSIONS	TOTAL (tCO ₂ e)		
Scope 1	462.5		
Scope 2	location-based		1,435.1
	Market based		0
Scope 3	Category 4	Upstream Transportation & Distribution	55.5
	Category 5	Waste generated in operations	0.3
	Category 6	Business Travel	2,493.0
	Category 7	Employee commuting	2,908.8
	Category 9	Downstream Transportation & Distribution	KBR are a Services organisation and does not sell or transport products
	Total scope		5,475.6
Total emissions	7,355.16		

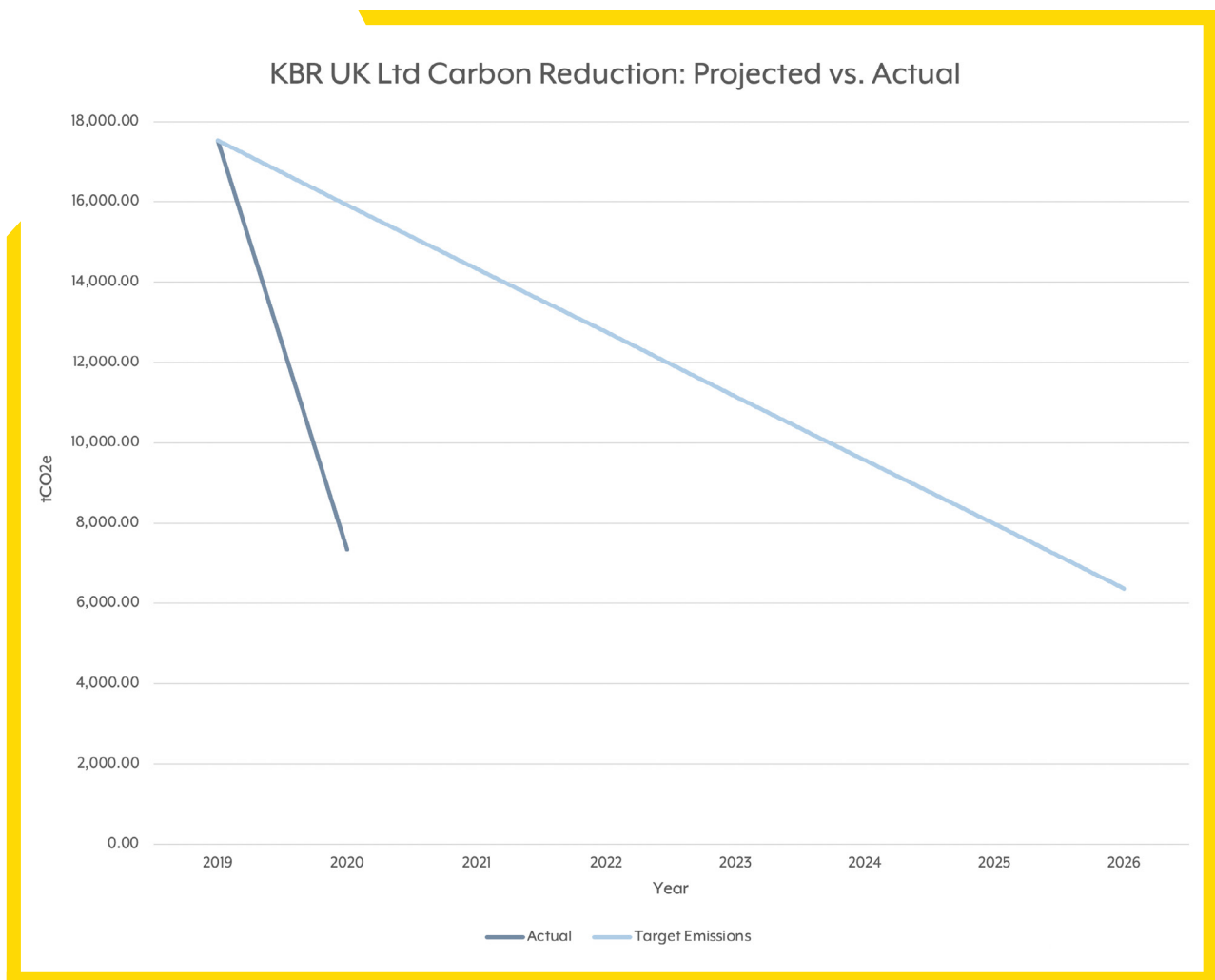
4 - Emissions Reduction Targets

In order to continue our progress to achieving Net Zero by 2030, we have adopted the following carbon reduction targets:

- 30% reduction by 2023, having already achieved a 28% reduction by 2020
- 60% reduction by 2026

We project that carbon emissions will decrease over the next five years to 6369.82 tCO₂e by 2026. This is a reduction of 60%.

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



5 - 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 some of these schemes contribute to 10,161.85 tCO₂e, a 58% reduction against the 2019 baseline.

- Agile working policy resulting in a reduction in company travel, including flights
- Modernisation of company vehicle fleet
- LED lighting installed in Leatherhead office
- Renewable electricity in Leatherhead office
- Zero waste to landfill in Leatherhead office
- Mothballed unused building, HPS at Leatherhead campus
- Approx. 50% of grass on Leatherhead campus permitted to go 'wild'
- 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

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

- Procuring 100% renewable gas for Leatherhead offices heating systems, rather than natural gas
- Introduction of an electric car salary sacrifice scheme
- Installation of additional electric vehicle charging points at Leatherhead offices to help enable employees to switch to fully electric or hybrid vehicles
- Investigating PIR lighting
- Involving the supply chain in carbon management as part of tendering process, including current relet of the Leatherhead office catering contracts which includes a requirement for tenders to put forward a plan to support KBR's sustainability targets
- Projects are making sustainability pledges to support at project level
- Global initiative for personal sustainability pledges to support at an individual level
- 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

- Change champions at the Swindon office who work to create and deliver initiatives to support KBRs sustainability pillars, initiatives include the 'switch me off' campaign to encourage colleagues to switch off lights and equipment when not in use and local litter picking day

We continue to develop new initiatives and changes to our ways of working in support of our Net Zero target. We are now hiring a GS EMEA Sustainability Manager who will be responsible for managing the next level of carbon emission reduction planning and implementation of robust sustainability and emissions reporting to allow further opportunities to be implemented and risks to be mitigated.

6 - Declaration and Sign Off

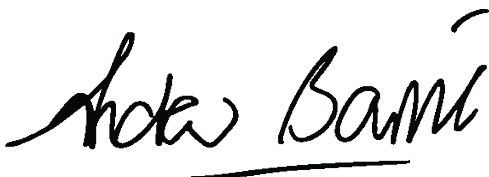
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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 (or equivalent management body).

Signed on behalf of the Supplier:



Andrew Barrie | President of Government Solutions, EMEA

Date: 30-Sept-2021