

James Fisher Nuclear

Carbon Reduction Plan

Supplier name: James Fisher Nuclear

Publication date: 26-07-2022

Commitment to achieving Net Zero

James Fisher Nuclear is committed to achieving Net Zero emissions by 2050.

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: 2018	
Additional Details relating to the Baseline Emissions calculations.	
In 2018 & 2019 JFN was not recording scope 3 emissions in an accurate way so it is likely the true baseline is higher than these recorded figures. However despite this these totals are still higher than measurements taken recently so it was decided they were an adequate baseline measurement and suitable to set our net zero target from.	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	283.031
Scope 2	324.24
Scope 3 (Included Sources)	0
Total Emissions	607.271

Current Emissions Reporting

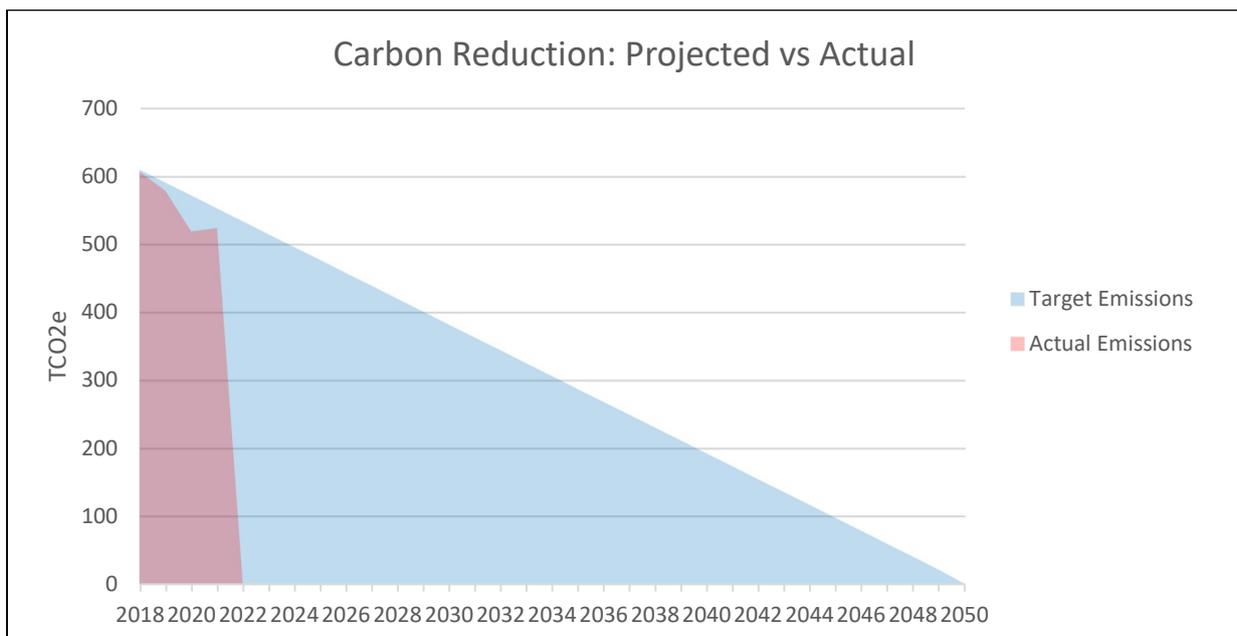
Reporting Year: 2021	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	199.16
Scope 2	210.27
Scope 3 (Included Sources)	114.89
Total Emissions	524.32

Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 439 tCO₂e by 2027. This is a reduction of 16.3%. Keeping us on course to Net Zero by 2050.

As you can see from the below graph and the most recent reporting data we are ahead of target and working to bring our Net Zero date forwards.



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2018 baseline. The carbon emission reduction achieved by these schemes equates to 145.95 tCO₂e, a 24% reduction against the 2018 baseline and the measures will be in effect when performing the contract.

We have implemented an LED switch out for all lights across our sites. We are doing this as required at each site but the reduction in energy usage is already apparent in our reporting.

Since 2019 JFN has been investing in remote working technology including our phone systems as well as Microsoft teams. This has led to a significant reduction in the need for business travel and as such a large reduction in our carbon footprint.

Through the Covid-19 pandemic we saw this become the primary way of working for most of our staff and this was shown in the figures reported for 2020. We have continued with a hybrid working approach moving forwards and this has enabled us to realise much of the reduction in emissions seen in 2020 in 2021 and beyond.

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

James Fisher & Sons our parent company are in the process of signing up to the Science based targets initiative (SBTi). This will then filter down to the individual operating companies to ensure we are all aligned behind the group targets and our individual targets support these aims.

We are currently in the process of assessing quotations for solar panel installation across some of our sites with the highest energy usage. Once this is in place and we have a year's data we would hope to revise our net zero target and move it forwards.

To increase the efficiency of heating and cooling in our office spaces we are reviewing the layout and insulation to optimise these areas for energy efficiency.

As the pool cars at our sites become due for replacement the usage patterns of each will be assessed with an aim to procure a replacement battery electric vehicle to fill the vacancy. This will also happen in combination with charging infrastructure being added to our offices where possible.

Where possible the company will look to implement a policy of hiring electric or hybrid vehicles when a hired vehicle is required.

The company is exploring options for alternates to the currently used gas heaters in production environments. This may be electric replacements or the sourcing of 'carbon neutral gas to run these heaters.

Each site will have a monthly energy walk around to complete along with other site audits to ensure we remain aware of usage and any opportunities for improvement.

Declaration and Sign Off

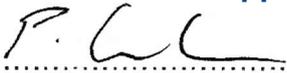
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:


.....

Date: 26/7/2022.....

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>