

Carbon Reduction Plan

Supplier name:Jarvale Construction Ltd.....

Publication date:24th March 2023.....

Commitment to achieving Net Zero

Jarvale Construction Ltd is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline Year: 2022	
Additional Details relating to the Baseline Emissions calculations.	
Our Carbon Reduction Plan (CRP) is based on the data collated over the period 2021/2022 during which period we relocated to new premises. Our CRP is therefore relevant to our current and future business strategy. Prior to locating in our current facility, we established a number of measures, a roadmap, and future implementations, to mitigate our carbon footprint and these steps are integral to our CRP. Our primary activity is construction which is reflected in the Scope 3 figures.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0.5
Scope 2	2.7
Scope 3 (Included Sources)	22.5
Total Emissions	32.57

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0.5
Scope 2	2.7
Scope 3 <u>Included Sources:</u>	22.5
Category 4: Upstream Transportation and Distribution.	16.1
Category 5: Waste Generated in Operations.	6.4
Category 6: Business Travel.	3.6
Category 7 Employee Commuting.	3.2
Total Emissions	32.57

Scope 3 Categories – Included Sources Narrative.

Category 4: Upstream Transportation and Distribution.

Upstream distribution and associated transport to our facilities comprise a substantial part of our business operations. We are therefore tracking how our suppliers operate and their approach to reducing carbon emissions. A number of our suppliers are now targeting zero carbon deliveries (using electric vehicles for example). Wherever feasible, we will be requesting this form of transport. This will also be a focus point for our supply chain decarbonisation activities over the next few years.

Category 5: Waste Generated in Operations.

The nature of our business and client requirements often entails demolition and removal of existing equipment and materials. Some of these are of considerable age and were manufactured with materials that are not always recyclable. Nevertheless, our primary approach is to work with supply chain partners to mitigate waste and recycle wherever feasible. To this end we employ segregation processes for waste and removal thereof in order to minimise the impact of our operations and assist our waste supply chain partners in achieving these aims.

Category 6: Business Travel.

The majority of our business travel is undertaken by staff using company vehicles. There are a few occasions when certain staff drive to locations in their own vehicles (normally for meetings at other premises or on site). These data have been incorporated into our Scope 3 figures. We are however also regularly implementing virtual and hybrid meetings, wherever feasible, to minimise the need for travel.

Category 7: Employee Commuting.

Whilst the majority of our staff are office based, there are occasions when homeworking takes place. This has therefore been reflected in our Scope 3 calculations.

Category 9: Downstream Transportation and Distribution.

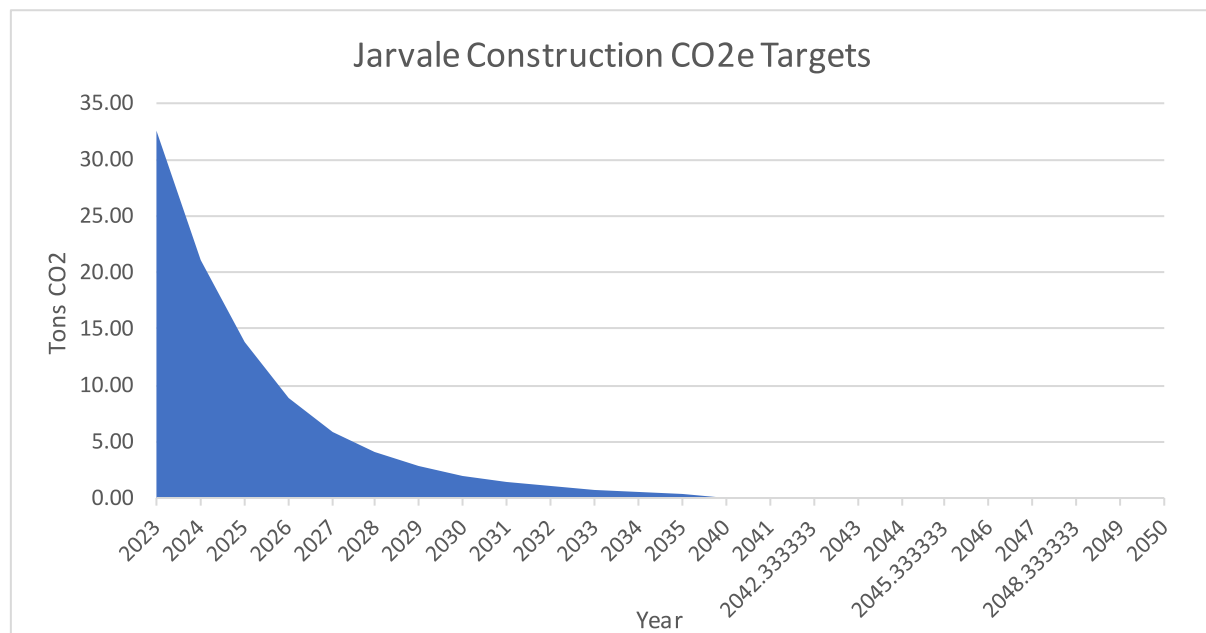
Not applicable. Jarvale are a construction company and do not manufacture, sell, or distribute products.

Emissions reduction targets

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

We currently project that carbon emissions will decrease over the next five years to 4.7tCO₂e by 2028. This is a reduction of 80%.

Forecast progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

As this is our initial CRP (due to recent relocating) our proposed measures and targets are aimed at enhancing our initial activities. We have established an initial plan which will dramatically reduce our carbon footprint in the next five years. Thereafter we will be targeting specific areas of our business activities to build upon these achievements

We are ISO14001 Accredited

When constructing our new office facilities in 2021, we implemented energy saving activities including:

- LED/PIR Lighting
- Automated water systems (mitigating heating requirements)
- Instant hot water taps (mitigating electricity use)
- EV charging points (which will be increased when our PV systems are installed)
- Increasing insulation in the building

Future carbon reduction measures are listed below.

It should be noted that these are reviewed on an annual basis (as a minimum) and will be subject to change. Whilst we are currently committed to achieving Net Zero by 2050, we are actively seeking measures that will support our aim to reach this goal earlier.

2023	Provide EV electric car charging points for a 50% electric car park Change diesel/gas forklift truck for a new electric model Install PV panels at head office for EV charging Develop supply chain Net Zero strategy
2024	Change 50% of the company cars to all electric (Renewable energy powered) Support and select supply chain partners who implement low carbon project solutions
2026	Change 50% company vans to all electric (Renewable energy powered)
2027	Assess Net Zero plan against NHS target for 2045
2028	Change 100% company vans to all electric (Renewable energy powered) Use only site welfare cabins with LED, sensors & efficient heating designs
2030	All Supply Chain Partners have implemented Net Zero measures
2035	Assess Net Zero performance against long term aims; revise and update
2040	Aim for zero avoidable waste in construction (CLC Map)
2045	Aim for net zero in alignment with NHS Targets
2050	Net Zero deadline

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.

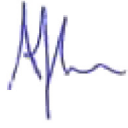
This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

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>

Signed on behalf of the Supplier:



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Date: 9th May 2023

<https://jarvale.co.uk/>