

Carbon Reduction Plan

Supplier name: Jarvale Construction Ltd.

Publication date: 24th May 2024.

Commitment to achieving Net Zero

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

Baseline Emissions Footprint

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| Scope 1 & 2 Narrative. |
| <p>Our initial Carbon Reduction Plan (CRP) was based on the data collated over the period 2022 during which period we relocated to new premises. This CRP is therefore relevant to our current and future business strategy. Prior to relocating to 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.</p> <p>During 2023 we underwent a period of expansion and staff numbers increased, along with additional electric vehicles. As our PV systems come online and there is less reliance on the network we anticipate that our electrical requirements from the National Grid will decrease.</p> <p>Our primary activity is construction which is reflected in the Scope 3 figures for which a separate narrative is provided.</p> |

Current Emissions Reporting

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|---------------------------------|---------------------------------|
| Reporting Year: 2024 | |
| EMISSIONS | TOTAL (tCO₂e) |
| Scope 1 | 14.8 |
| Scope 2 | 8.6 |
| Scope 3 | 21.9 |
| <u>Included Sources:</u> | |
| Total Emissions | 45.3 |

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 therefore continually track 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 request 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. We also target waste reduction at source where possible (e.g. less plastic packaging).

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 is reflected in our Scope 3 calculations.

Category 9: Downstream Transportation and Distribution.

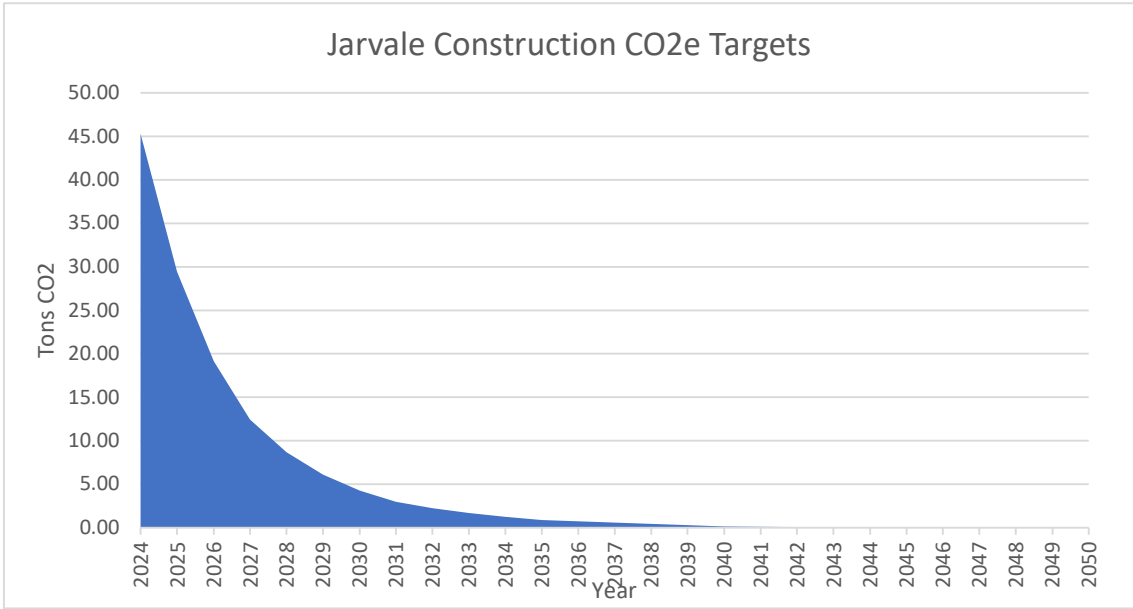
Not applicable. Jarvale are a construction company and do not manufacture, sell, or distribute products.

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% against our initial baseline.

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



Forecast carbon reduction progress.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Our initial plan is aimed at dramatically reducing our carbon footprint in the next five years. Thereafter we will be targeting specific areas of our business activities to build upon these achievements.

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)

In 2023 we implemented the following actions:

- Installed PV systems for EV Charging Points
- Installed new EV charging points
- Increased insulation in the building
- Replaced our diesel forklift with an electric model

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.

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|------|--|
| 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).

Signed on behalf of the Supplier:



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Date: 24th May 2024

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

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>