

The background image shows a construction site in a rural setting. A yellow excavator is positioned on a gravel path, working on a large pile of dark soil. To the left, there is a white fence and a grassy field. In the distance, there are hills and power lines under a clear blue sky.

Forkers Ltd

Civil & Ground Engineering Contractors

Carbon Reduction Plan

PPN 06/21

Commitment to NetZero

In line with the Greenhouse Gas (GHG) Protocol Corporate Accounting and Reporting Standard we have calculated our scope 1, 2 and 3 emissions, setting near and net zero targets to guide our emissions reduction journey.

Under the Science Based Target Initiative (SBTI), Forkers Limited commits to reduce their scope 1 and scope 2 greenhouse gas emissions 42% by 2030 and to begin monitoring scope 3 emissions.

Developed from a 2022 base year, scope 1 and 2 emissions are publicly reported annually, validated by the SBTi within this document revision. We are in the process of improving scope 3 emissions data to establish. We have identified the methodology and data that are required to use to calculate relevant scope 3 categories. We will base calculations on actual data as far as possible rather than average data methods to ensure we have a more accurate calculation moving forward.

As we develop methods to gather actual scope 3 data, our scope 3 emissions are calculated using spend based emissions factors and the Normative carbon tool, as recommended by SME Climate Hub.

Our current carbon footprint accounts for carbon emissions over which Forkers Limited has operational control

We recognize our accountability for direct emissions (Scope 1 and Scope 2) and understand the importance of fostering innovation and behavioural changes throughout our supply chain to address Scope 3 emissions.

We actively collaborate with clients, partners, and procurement teams to promote sustainable material choices, efficient technologies, and environmentally responsible practices. Notably,

Forkers has a history of pioneering initiatives in Scope 3 emissions reduction, particularly in areas such as emissions associated with cementitious products, steel, and earthworks, which constitute the largest portion of our overall emissions.



Our commitment to emissions reduction is also driven by broader sustainability initiatives including the United Nations Sustainable Development Goals. Ensuring sustainability throughout our operations in turn can provide carbon emissions reduction opportunities from waste reduction, consumption reduction and behaviour change.

Emissions Footprint

BASELINE YEAR EMISSIONS 2022

Emissions		tCO2e
Scope 1	Fuel Combustion Company facilities, owned vehicles and plant machinery	3,539
Scope 2	Electricity Purchased electricity for head office	52
Scope 3	Business Travel	851
	Upstream transportation and distribution	159
	Purchased services and goods	22,700
	Capital goods	58
TOTAL EMISSIONS		27,359

Against our baseline emissions calculations, our scope 1 and 2 emissions have reduced by **42%**, meeting our science-based target within 1 year.

This notable achievement can largely be attributed to a significant shift in workload dynamics. The year 2022 marked Forkers' participation in the largest project in the company's history, which concluded in early 2023, resulting in a substantial reduction in our operational activities. This pivotal change in workload has had a profound impact on our emissions, prompting a reevaluation of our baseline calculations. Consequently, the calculated baseline no longer accurately reflects our company's workload dynamics.

CURRENT YEAR EMISSIONS 2023

Emissions		tCO2e
Scope 1	Fuel Combustion Company facilities, owned vehicles and plant machinery	2,034
Scope 2	Electricity Purchased electricity for head office	74
Scope 3	Business Travel	150
	Upstream transportation and distribution	78.1
	Purchased services and goods	23,000
	Capital goods	50
TOTAL EMISSIONS		25,386

As we prepare for the next iteration of this report in April 2025, we commit to utilizing 2023 as the new emissions calculation baseline. This strategic adjustment underscores our commitment to transparency and accuracy in our sustainability reporting practices, ensuring that our efforts align with the most current operational realities.

The construction sector faces many challenges when striving to reduce carbon emissions and we are committed to identifying sector specific, as well as company specific, emissions hotspots to target reduction efforts.

Emissions Reduction Targets and Initiatives

	Near Term Target	Net Zero target	Completed Initiatives in 2023
Energy and carbon	<ul style="list-style-type: none"> Reduce fuel consumption in company vehicles and plant machinery 42% by 2030 Maintaining vehicle efficiency and replacing cars, vans and HGVs with hybrid or electric alternatives where feasible Become PAS 2080 self verified by 2025 	<p>NetZero offices by 2025</p> <p>Netzero operational carbon emissions by 2050</p>	<ul style="list-style-type: none"> Purchase of electric plant equipment. 1 battery powered vibratory plate and 1 battery powered rammer reducing fuel required on small sites. Also reducing noise and air pollution. Hiring full solar powered welfare units. This sees 80% reduction in fuel required for the operation of welfare unites on site.
Materials and waste	<ul style="list-style-type: none"> Reduce % waste sent to landfill from all sites Invest in low carbon products and initiatives across whole carbon lifecycle of a project Develop tendering service provisions to embrace sustainability and carbon reduction throughout project life cycle 	<p>Zero waste sent to landfill by 2040</p> <p>Ensure all materials are reused internally where feasible</p>	<ul style="list-style-type: none"> Implemented a improved waste monitoring system that has improved transparency of our waste streams. Collaborating with supply chain partners as part of their government funded industrial symbiosis project to reduce waste on site Saved 5.6 TCO2e through our PPE recycling scheme with StaySafe PPE
Employees	<ul style="list-style-type: none"> Create a culture to innovate and change amongst all employees Encouraging cycle to work schemes and public transport use where possible Reduce commuting emissions by 25% by 2025 	<p>Netzero commuting emissions by 2045</p>	<ul style="list-style-type: none"> Held a sustainability Lunch and Learn for head office employees Established sustainability learning pathways for our buying team utilizing Supply chain sustainability school Increased company car fleet from 52% electric or hybrid to 72% Monthly sustainability newsletter are produced and communicated with employees at all levels
Measuring and reporting	<ul style="list-style-type: none"> Publicly report on scope 1 and 2 emissions by September 2023 Ensure all areas of impact are recorded across Scopes 1 to 3 and achieve 100% transparency in reporting of emissions reports and progress by 2025 	<p>Report on all scope emissions with high confidence levels and primary data stream by 2030</p>	<ul style="list-style-type: none"> Established a carbon management plan in support of the carbon reduction plan. Data improvement plan has been produced with targets for data collection and calculation methodology improvement targets

Future Projects

Energy and carbon

- Head office to be supplied by fully renewable sources, solar panels to be installed on the roof by 2026
- Offer only electric company cars by 2030
- Further investing and engaging further with low carbon/hybrid plant hire suppliers, seek opportunities where feasible to trial new technologies.
- Complete a near zero emissions site

Materials and waste

- Collaborate with clients to improve our circular economic practices
- Become self verified PAS 2080 by December 2025
- Implement sustainability check list at handover phase of projects

Employees

- Encourage cycling to work scheme to reduce short distance commuting
- Conduct carbon reduction toolbox talks across the business

Measuring and reporting

- Continue to develop data collection methods for scope 3 emissions by engaging with value chain members and utilising new data systems
- Report scope 3 emissions for each site using internal carbon report

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 13 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.

Signed



D Cartwright, Construction Director

Date 11/04/2024