

Carbon Reduction Plan

Supplier name: Taziker Industrial Ltd

Publication date: 26th September 2023

Commitment to achieving Net Zero

Taziker Industrial Ltd is committed to achieving Net Zero emissions by 2045.

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: FY2021 (April 2020 - March 2021)	
Additional Details relating to the Baseline Emissions calculations.	
In FY2020 we had visibility of 4,091 tCO ₂ e in accordance with SECR under Scope 1 and 2, we did not have full access to our Scope 3 data. Therefore 2020 is our most accurate baseline data set as shown below.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	2,438.5 tCO ₂ e
Scope 2	69.7 tCO ₂ e
Scope 3 (Included Sources)	10,523.67 tCO ₂ e
Total Emissions	13,031.87 tCO ₂ e

Current Emissions Reporting

Reporting Year: FY2023 (April 2022-March 2023)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	2,417.74 tCO ₂ e
Scope 2	46.06 tCO ₂ e
Scope 3 (Included Sources)	27,219.40 tCO ₂ e
Total Emissions	29,614.20 tCO₂e

Emissions reduction targets

Through our Environment, Social, Governance programmes, we actively seek opportunities to further reduce our carbon emissions within our Scope 1 and 2 operations, and those within our supply chain classified under Scope 3.

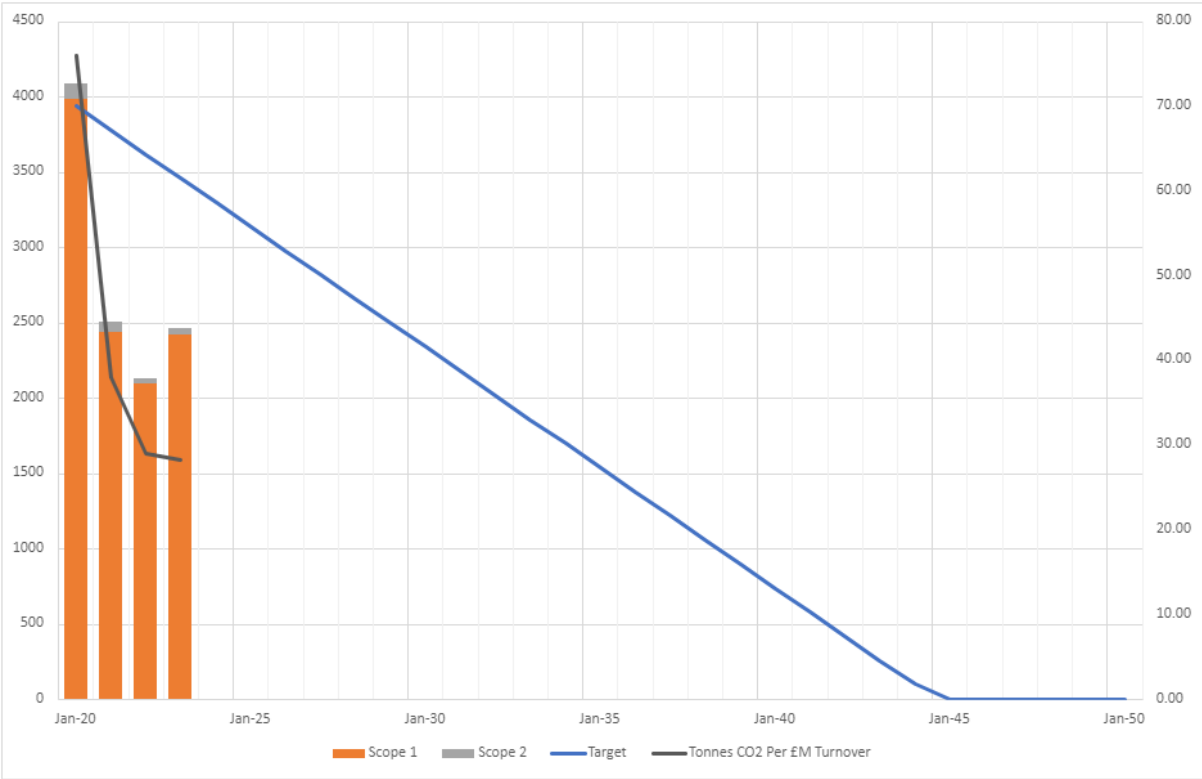
We project that carbon emissions will decrease over the next five years to 2660 tCO₂e by 2028. This is a reduction of 35.12%

To continue our progress to achieving Net Zero by 2045, we have adopted the following carbon reduction targets.

Reduction Initiative	Target
Tier 1 worksites to run on Solar Powered cabins Solar sites offer 92% carbon reduction.	50% of Tier 1 sites to run on Solar. 100,000 litres of Red Diesel eliminated by Solar (or HVO)
Introduce HVO (Hydrated Vegetable Oil) as a low-carbon alternative fuel source to Red Diesel for use in our Forklifts/Telehandlers, MEWPs, Mobile Plant, Vacuums, Heaters, and Generators. HVO use instead of diesel results in a 90% reduction in carbon and a 30% reduction in NOx.	50,000 litres of Diesel reliance eliminated by HVO.
Taziker to deliver a Carbon Neutral trial project as a Tier 1 contractor.	Trial project to be completed with a Carbon Neutral final assessment.
Install Electric Vehicle charging points at Group Office premises and at the homes of staff who take a full EV as part of a company car lease.	100% of Office premises 75% of Household with a full-EV

Trial the use of HVO (Hydrated Vegetable Oil), or other low-carbon road legal fuels in Diesel Vans and HGV's.	100 litres of Diesel replaced with HVO (or alternative fuel) HVO offers up to 90% CO2 reduction.
Vehicle Purchasing Policy to encourage the up-take of full-EV options over Hybrid and full-Fossil Fuel vehicles.	All vehicles to be Hybrid or EV
Driver performance data shared with the drivers to positively influence behaviours resulting in reduced carbon emissions.	Driver performance information to be made widely available via PowerBi Dashboards
Supply Chain Carbon emission reporting process established	100% of 'Key Suppliers' to report Carbon Emissions associated with supply of goods to Taziker.
Communicate with our people ways in which they can reduce their own Carbon Footprint at home and in work.	2 Sustainability focuses per year within Newsletter
Mains power to be established on large, long-term projects to eliminate the need for diesel generators.	100% of suitable large schemes to be connected to the national grid.
Lighting	Low-Carbon lighting options to be used on all sites and office premises.

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to 1,960 tCO₂e, a 47.92% reduction against the FY2020 scope 1 and 2 baseline and the measures will be in effect when performing the contract.

Our Environmental Information Management Systems are accredited to ISO 14001, and we are working towards gaining ISO 50001 for our proposed Energy Management System, which we look to have implemented by April 2024. We actively seek opportunities to further reduce carbon emissions within our own scope 1 and 2 operations and those within our supply chain classified under scope 3. In 2024 we look to invest in green technologies and reduce carbon through in-house innovation and collaboration with new supply chain partners and start-up, looking at reducing waste, recycling, and embedding circular economy principles in our day-today activities.

The principal measures taken by the company during the next financial year to improve energy efficiency in its delivery include transitioning our worksites from fossil fuel supplies over to hydrated vegetable oil (HVO), increasing the use of solar powered cabins within our worksite establishments, and continuing the transition of our commercial fleet to include greater percentages of hybrid and full EV vehicles. In response to COP15, we are looking at ways of improving and enhancing biodiversity across all our projects by achieving a 10% biodiversity gain where our work impacts the natural environment and reducing our emissions through these schemes.

The company has signed a commitment to the SBTi (Science Based Targets Initiative) to reach net-zero global emissions by 2050 at the latest to limit global warming to 1.5°C. Our commitment to SBTi's provides a clearly defined goal for us to reach in our efforts to reduce greenhouse gas emissions, through the commitments published in this report. We are committed to bringing all company greenhouse gas emissions to net-zero by 2045 in accordance with the UK government and the EU's commitment to global climate action under the Paris Agreement.

We continue to see a year-on-year reduction in our total scope 1 and scope 2 carbon emissions, with our current usage less than 35.12% of carbon emissions first reported in 2020; normalised by £87 million revenue.

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

Joining the REDD+ Rimba Raya initiative in Borneo to offset the scope 1, 2 and 3 carbon equivalent emissions generated by the company's activities.

- Rimba Raya protects an area of 65ha of tropical forest that was originally destined to be chopped down for palm oil plantations.
- The project is expected to achieve >125m tCO₂e emissions reductions over the 30-year lifetime of the project, which is validated by the appropriate organisations.
- Importantly, the project also contributes to all 17 Sustainable Development Goals from the UN, including.
 - Protects of local wildlife including several release centres for endangered Orangutans

- Trains local communities in making and selling water filtration systems and building water systems.
- Constructs a medical clinic and fund salaries of nurses and medical staff.
- Provides agricultural training programmes.
- Builds community centres & libraries.
- Establishes a scholarship fund to enhance education of community students and provide free books.
- Installation of solar panels and lanterns

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 standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

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) Standard⁶.

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:



Rob Usher – Group HSQE Director

Date: 26th September 2023

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>