

**CARBON REDUCTION PLAN GUIDANCE**

## Notes for Completion

Where an In-Scope Organisation has determined that the measure applies to the procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding supplier1 and must meet the reporting requirements set out in supporting guidance and include the supplier’s current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The CRP should be specific to the bidding entity, or, provided certain criteria are met, may cover the bidding entity and its parent organisation. To ensure the CRP remains relevant, a Carbon Reduction Plan covering the bidding entity and its parent organisation is only permissible where the detailed requirements of the CRP are met in full, as set out in the Technical Standard2 and Guidance3, and all the following criteria are met:

* The bidding entity is wholly owned by the parent.
* The commitment to achieving net zero by 2050 for UK operations is set out in the CRP for the parent and is supported and adopted by the bidding entity, demonstrated by the inclusion in the CRP of a statement that this will apply to the bidding entity.
* The environmental measures set out are stated to be able to be applied by the bidding entity when performing the relevant contract; and
* The CRP is published on the bidding entity’s website.

Bidding entities must take steps to ensure they have their own CRP as soon as reasonably practicable and should note that the ability to rely on a parent organisation’s Carbon Reduction Plan may only be a temporary measure under this selection criterion.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier’s UK website. It should be approved by a director (or equivalent senior leadership) within the supplier’s organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.

A template for the Carbon Reduction Plan is set out below. Please complete and publish your Carbon Reduction Plan in accordance with the reporting standard published alongside this PPN.

1Bidding supplier or ‘bidding entity’ means the organisation with whom the contracting authority will enter a contract if it is successful.

2Technical Standard can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/991625/PPN\_0621\_Technic al\_standard\_for\_the\_Completion\_of\_Carbon\_Reduction\_Plans 2\_.pdf

3Guidance can be found at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/991623/Guidance\_on\_adopti ng\_and\_applying\_PPN\_06\_21 Selection\_Criteria 3\_.pdf

Carbon Reduction Plan Template

Supplier name: Taziker Industrial Ltd

Publication date: 20th November 2024

# 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.

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| **Baseline Year: FY2021 (April 2020 - March 2021)** | |
| **Additional Details relating to the Baseline Emissions calculations.** | |
| In FY2020 we had visibility of 4,091 tCO2e in accordance with SECR under Scope 1 and 2, we did not have full access to our Scope 3 data. Therefore, FY2021 is our most accurate baseline data set as shown below. | |
| **Baseline year emissions:** | |
| **EMISSIONS** | **TOTAL (tCO2e)** |
| **Scope 1** | 2,438.5 tCO2e |
| **Scope 2** | 69.7 tCO2e |
| **Scope 3**  **(Included Sources)** | 10,523.67 tCO2e – which is derived from the following sources:   * Hotel stays * Business Commuter mileage/fuel use * Public Transport usage (including flights) * Logistics (Upstream & Downstream) * Steel & Gases purchased * Home Working * Well-to-tank emissions from the purchase of fuel * Capital Goods and Services through our supply chain |
| **Total Emissions** | 13,031.87 tCO2e |

**Taziker Carbon Reduction Plan Statement for Re-Establishing a Baseline for Scope 3 2024 – In Line with PPN 06/21.** In line with the GHG Protocols for transparency, consistency and comparability please see a note on changes to our Scope 3 baseline year.

As part of our ongoing commitment to managing and reducing carbon emissions, we have published our Carbon Reduction Plans for 2024 in compliance with PPN 06/21. This report outlines our ongoing efforts to reduce emissions across Scope 1, 2, and 3, in line with the UK’s net Zero targets for 2050 (England and Wales) and 2045 (Scotland) and can be found on our website.

Following changes to our business ownership in late 2023 and a review of our service offering, we are currently in the process of undertaking a comprehensive evaluation of how we calculate and report Scope 3 emissions. This process means that going forward we will change our reporting methodology for the data capture of capital goods and will be transitioning to a reporting tool that links our procurement to identify our upstream and downstream scope three emissions via our supply chain. This approach will ensure that our emissions data will accurately reflect our updated organisational structure, supply chain, and business activities.

As this transitionary period has coincided with our annual Carbon Reduction Plan reporting under PPN 06/21, the data submitted for FY2023/2024 excludes transaction-based emissions from capital goods and services in Scope 3, focusing instead on upstream and downstream logistics, including well to tank emissions from fuel, hotel stays, flights, transmission and distribution, home working hours and train journeys.

Capital goods make up a significant portion of our Scope 3 emissions, and we are actively refining our reporting systems and processes to accurately capture this data. We are committed to including capital goods and services in our Scope 3 reporting from 2025, ensuring methodology aligns with our updated business framework and GHG Protocol principles.

# Current Emissions Reporting

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| **Reporting Year: FY2023 (April 2023-March 2024)** | |
| **EMISSIONS** | **TOTAL (tCO2e)** |
| **Scope 1** | 1589.51 tCO2e |
| **Scope 2** | 94.58 tCO2e |
| **Scope 3**  **(Included Sources)** | 742.51 tCO2e – which is derived from the following sources:   * Hotel stays * Public Transport usage (including flights) * Home Working * Well-to-tank emissions from the purchase of fuel |
| **Total Emissions** | 2426.66 tCO2e |

**Emissions reduction targets**

Our commitment to reducing carbon emissions is driven by the objectives laid out in our Sustainability Strategy for 2025-2030, with stretch goals in place over the longer term for achieving Net Zero by 2045. We actively seek opportunities to further reduce our Scope 1, 2 and 3 emissions through a series of carbon reductions, climate action and biodiversity goals set within our ‘Green by Design’ initiative that will be embedded within our business practices over the next five years.

Between our Baseline year and our Current year scope 1 & 2 emissions, we have a achieved a carbon reduction of 32.87%, alongside increasing the business revenue by an additional £20million over the same period.

Our current year scope 1 + 2 emissions were 31.66% lower than the previous year, and 23.27% lower than our Net Zero target for the year, meeting our Carbon Reduction Plan’s aim to achieve Net Zero by 2045.

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

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| **Reduction Initiative** | **Target** |
| 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 Scope 3 reporting process established 2025 | 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 genera- tors. | 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. |

These and other initiatives laid out in our Sustainability Strategy and our Carbon Reduction Plan have helped us to achieve year-on-year reductions. As we move into 2025 we have some major initiatives that will see us drive emissions down much further, helping us to realise our stretch targets for meeting Net Zero in 2045 and here is how we plan to meet our targets.

# 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 2,406.90 tCO2e, a 58.8% reduction against the FY2020 scope 1 and 2 baseline.

**2021**: Reduced our CO2 intensity by >30% through the increased use of solar & HVO biodiesel on our worksites, replaced many of our fossil fuel cars with fully electric vehicles, and began monthly monitoring and reporting on emissions at board meeting.

**2022**: Joined the Science Based Targets initiative (SBTi) making a commitment to Net Zero by 2050 in accordance with the Paris agreement. Published our first Annual Carbon Reduction Plan on our website following the introduction of PPN 06/21. Increased our use of renewable energy sources up to 72% of our total energy consumption.

**2023**: Appointed Head of Sustainability to oversee sustainable initiatives including carbon reduction, climate action and biodiversity, and implement our sustainability strategy.

**2023:** Renewable Energy– Transition of Renewable Energy in our offices and on site, we achieved a 49% increase in renewable energy consumption from our baseline year.

**2023:** Reduced carbon emissions by 240 tCO2e in the last 12 months by replacing our commercial fleet in line with the EU 2020 target norm codes and targeting overall carbon reductions of 1,830 tCO2e by 2030.

**2023/2024** 8% of steel purchased came from Green Steel Electric arc furnaces

**Ongoing:** Solar powered sites We use solar powered site infrastructure on most of our sites. This typically provides an 89% reduction in diesel consumption, 65% reduction in noise pollution, and a 57% cost savins.

**Looking Forward - 2025 onwards**

We recognise the importance of complying with PAS2080 to ensure consistent carbon management and will be key to our GHG reduction plan going forward by integrating carbon reduction into design, construction and our operations. Priority will be placed on whole life carbon assessments for all projects as this will be crucial to reducing emissions and achieving our ultimate Net Zero goal, it will require collaboration across our supply chain and with those of our peer frameworks to bring about efficiencies that will increase cost savings, opportunities to create environmental benefits and align with the net zero goals of our business and our clients.

**Key Commitments for the 2025 – 2045 journey include:**

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| **Year By** | **Commitment** |
| **2025** | Getting the Basics Right   * Compliance with PAS2080 and launch Green by Design initiative * Establish baselines across Scope 3 emissions categories not previously tracked. * Implementation of upgraded sustainability reporting metrics and tools including new procurement system linked to supply chain spend to track Scope 3 * Implement training and embedding process |
| **2030** | * Achieve a 40% reduction in our carbon emissions from the baseline year * Zero waste to landfill * 20% of steel purchased is ‘Green Steel’ and creation of closed loop supply chain * One major ‘biodiversity and carbon sequestration’ project completed |
| **2040** | * Transition to 100% renewable energy across all operations including sites and welfare * 2035 Full transition to electric/hybrid fleet |
| **2045** | * Achieve Net Zero across all scopes of emissions |

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. We are looking at ways of improving and enhancing biodiversity across all our projects by achieving a 10% biodiversity gain over the next thirty years where our work impacts the natural environment and reducing our emissions through these schemes.

The company has signed a commitment to the 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.

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**Our Key Focus for 2025 – 2030 and beyond** have been written into our strategy and include:

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| **Initiative** | **Action** |
| **PAS2080 and Green by Design** initiative for a Low-Carbon and Circular Project Delivery | PAS 2080 and Green by Design initiative for a low carbon and circular project delivery committing to Whole Life Carbon Assessments and creating opportunities for Open and Closed Loop material design considerations. |
| **Green Steel** | Ongoing we will be looking to increase our procurement of green steel in line with the ambitions of the Department for Transport and Network Rails ambitions to decarbonise the infrastructure sector by 2050, aiming to increase our procurement levels from 7% to a minimum of 15% by 2030. We will achieve this through prioritising suppliers of green steel and expanding our supply chain to reflect this commitment |
| **Scope 3 Reporting tools and dashboards** | 50% 2028 to have the first year of scope 3 reporting via minimum 30% of the supply chain complete and baseline calculation established followed by year-on-year reporting |
| **Climate Resilience** | By 2030 100% of projects to include Climate Reduction Plans CRP and integrate climate resilient materials for permanent and temporary designs to withstand extreme weather conditions. |
| **Zero Waste to Landfill** | By 2035 Working with supply chain to identify opportunities this will include looking at open loop systems to divert abrasive materials waste from landfill |
| **Reducing Reliance on Fossil Fuels and Switching to Renewable Energy** | By 2035 100% Renewable energy use across offices and sites Net Zero Scope 1 and 2 achieved. 100% of fleet transitioned to Hybrid/EV by 2035. Introducing renewable energy alternatives to sites, including generators, battery operated tools and generators, and welfare, and working with our supply chain to achieve and investing in new technology and innovations such as 'Think Hire' glycerine generators. |

# 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](https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting) [company reporting](https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting)5.

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:**

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Rob Usher – HSQE Director

Date: 20th November 2024

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>