

Carbon Reduction Plan

Supplier Name: Sword Construction UK Ltd

Published: June 2023

Commitment to achieving Net Zero

Sword Construction UK Ltd is committed to achieving Net Zero emissions by 2050 at the latest, it is desired that Net Zero will be achieved before this date and Sword is committed to targeting areas to bring the achievement date down within the next three years.

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: 2022

Additional Details relating to the Baseline Emissions calculations.

Although having recorded our emissions prior to 2022, we have established an updated baseline year 2022. Our original baseline year 2020 was significantly impacted by the Covid-19 pandemic and we had also been unable to establish accurately our 2020 Scope 3 emissions at that time and therefore we established a new Baseline in 2021. However, Covid-19 continued to have impact on normal operations in 2021 for this reason and through improvements that we have made in measuring and recording all scope emissions we have decided to reestablish again our baseline to ensure a more representative and accurate baseline against which to measure progress.

Our baseline includes scope 1, 2 and 3 emissions.

Scope 3 emissions data source calculations includes in the following categories:

*Water Usage
Employee Commuting
Waste Generated
Business Travel including overnight stays
Material Usage*

Baseline year emissions: 2022

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	846.73
Scope 2	1.7
Scope 3	6529.16
Total Emissions =	7377.59

Current year emissions Reporting: 2022

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	846.73
Scope 2	1.7
Scope 3	6529.16
Total Emissions =	7377.59

Whilst we have reestablished our baseline, we have still seen overall a reduction on our 2021 baseline of a little over 5%.

Emissions reduction targets

In 2021 in order to progress to achieving Net Zero, we adopted the following carbon reduction targets.

1. To reduce scope 1 and scope 2 GHG emissions 33% by 2030 from a 2021 baseline
2. To reduce scope 3 GHG emissions 25% by 2030 from a 2021 baseline

Whilst our Scope 1 emissions have increased since our baseline calculation this is due to our improved methods of measurement, ensuring more accuracy.

Our Scope 2 emissions have drastically reduced in 2022 by more than 90% however a great proportion of which is due to inaccuracy/incorrect scope recording in 2021 meaning that they are now correctly recorded in our scope 1 emissions and accordingly the increase in these scope emissions.

Scope 3 emissions have seen a reduction overall of a little over 15%.

The Company is continuing to develop a detailed roadmap to reach Net Zero in 2050 and will publish further details in its 2023 Carbon Reduction Plan.

The aim will be to reduce the timeline for our initial reduction targets and plan to reach Net Zero ahead of 2050.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures have been completed or implemented since the 2021 baseline.

- Flexible working practices to reduce emissions from commuting
- Increase use of local labour to reduce emissions from commuting
- Increase use of local suppliers
- Continued education on resource utilization and waste

- Development of sustainable procurement Policy
- Increase use of system formwork to reduce use of timber
- The development and implementation of processes and procedures to accurately document our carbon emissions

The carbon emission reduction achieved by these schemes will be calculated and provided in future reports.

We are working towards further measures including:

- Certification to ISO 14001 by June 2024
- Ultra-low emission company car fleet 50% by 2028
- Develop plans to encourage more sustainable commuting practices
- Continued educational awareness and training
- Engaging the supply chain to manage and reduce our Scope 3 carbon emissions
- Further develop sustainable practices by implementing water and waste policies
- Start using closed loop recycled materials
- Look to use suppliers that are effectively reducing their carbon emissions

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 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 Managing Director.

Signed on behalf of the Sword Construction UK Ltd by:

A handwritten signature in blue ink, appearing to read "Anil Patel".

Anil Patel
Managing Director
Date: June 2023