



Cabinet Office

# Carbon Reduction Plan Template

Supplier name: SHI Corporation UK Limited

Publication date: 14/07/2023

## Commitment to achieving Net Zero

**SHI Corporation UK Limited** is committed to achieving Net Zero emissions by 2050.

## 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: 2021**

### **Additional Details relating to the Baseline Emissions calculations.**

As per the requirements of the PPN 06/21, SHI Corporation UK Ltd has developed the carbon reduction report using information from our annual Streamlined Energy Carbon Reporting (SECR). The emissions reporting includes:

- 1) UK energy use: electricity, gas, and transport.** Includes: Company cars, fleet, grey fleet, hire cars, onsite transport.
- 2) Associated GHG emissions:** Scope 1, 2 and 3 emissions from the above sources
- 3) Emissions intensity metric tCO<sub>2</sub>e / £ turnover**
- 4) Emissions over time**
- 5) A narrative on energy efficiency actions undertaken**

<b>Baseline year emissions: 2021</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>0</b> Emissions from combustion of gas (Scope 1) (tCO <sub>2</sub> e): <b>0</b> Emissions from transport (Scope 1) (tCO <sub>2</sub> e): <b>0</b>
<b>Scope 2</b>	<b>32</b> Emissions from purchased electricity (Scope 2) (tCO <sub>2</sub> e)
<b>Scope 3 (Included Sources)</b>	<b>5</b> Emissions from business travel in employee-owned vehicles where the company is responsible for purchasing the fuel or electricity (Scope 3) (tCO <sub>2</sub> e)
<b>Total Emissions</b>	<b>5</b> Emissions avoided by purchasing renewable electricity (tCO <sub>2</sub> e): <b>32</b> Emissions avoided by purchasing Certified Carbon offsets: <b>0</b>

## Current Emissions Reporting

<b>Reporting Year: 2022</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>186</b> Emissions from combustion of gas (Scope 1) (tCO <sub>2</sub> e) : <b>186</b> Emissions from transport (Scope 1) (tCO <sub>2</sub> e) : <b>0</b>
<b>Scope 2</b>	<b>44</b> Emissions from purchased electricity (Scope 2) (tCO <sub>2</sub> e)
<b>Scope 3 (Included Sources)</b>	<b>23</b> Emissions from business travel in employee-owned vehicles where the company is responsible for purchasing the fuel or electricity (Scope 3) (tCO <sub>2</sub> e)
<b>Total Emissions</b>	<b>0</b> Emissions avoided by purchasing renewable electricity (tCO <sub>2</sub> e): <b>25</b> Emissions avoided by purchasing Certified Carbon offsets: <b>228</b>

## **Additional Details relating to the last two reporting years.**

There's been some very significant changes in SHI Corporation's reported emissions between 2021 and 2022, increasing from 37 tCO<sub>2</sub>e to 253 tCO<sub>2</sub>e (584%). The most notable change is the increase in natural gas emissions from zero to 186 tCO<sub>2</sub>e.

This is likely partly due to SHI occupying three new sites in 2022 which weren't occupied in 2021, all of which consume gas. However, the Milton Keynes site was reported in the previous year, but the gas use was not captured. Milton Keynes alone contributed 175 tCO<sub>2</sub>e to the overall gas figure.

Electricity emissions have also increased by 36% in line with the increase in sites, and grey fleet mileage has increased by 366%, as miles travelled increased from 16,692 miles in 2021 to 84,966 miles in 2022.

## **Emissions reduction targets**

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

- Securing 100% renewable energy for the Nexxus integration center
- Reduce operational consumption of natural gas and utilise green provider
- Continue to maintain zero waste within our facilities.
- Continue to collaborate with our distribution partners to support their zero waste objectives.
- Continue to use logistic suppliers who apply sustainability practices to reduce environmental impact.
- Continue to reduce business travel through the increase of car-share schemes and use of Teams for online meetings.
- We will continue to provide internal e-learning courses for our employees regarding carbon reduction initiatives.
- Continue our hybrid working model for our office coworkers, reducing commute to work emissions.
- Continue to disclose to CDP and EcoVadis on an annual basis.

We project that carbon emissions will be maintained over the next five years to Zero tCO<sub>2</sub>e for Scope 1, 2 and 3 reported in 2022, a reduction of 100% from the baseline year.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

#### Current Energy Reduction Initiatives:

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to 228 tCO<sub>2</sub>e, a 100% reduction against the 2021 baseline and the measures will be in effect when performing the contract.

- Signed up to the Science Based Targets Initiative (SBTi) in April 2023.
- Implemented an ESG team that is responsible for overseeing ESG policy and practices and is overseen by the company CFO.
- Implemented ISO 14001 Environmental Management at our Nexus Facility
- Secured 100% of electricity for UK offices from certified green energy sources.
- Carbon Offsets purchased and retired by SHI Corporation UK Limited for 2022:
  - REDD+ Protecting UK Trees – 45 Units.
  - REDD+ Protecting the Amazon – 34 Units
  - Providing Clean Cookstoves in Kenya – 69 Units
  - Renewable Energy, Delivering wind generation in India – 80 Units

Our Nexus facility has achieved the following energy efficiency actions:

- Building achieved a BREEAM rating of “Very Good”.
- EPC rating: A
- Fresh air circulation system installed in place of HVAC in office spaces.
- Priority car parking for EV’s and multioccupancy vehicles.
- Installed EV charging for employees and visitors.
- All packaging used at Nexus contains a minimum of 30% recycled materials.
- Packaging infill is primarily paper infill rather than plastic infill.
- Packaging tape is paper rather than plastic.

## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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: 7/26/2023 .....

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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