

Carbon Reduction Plan

Supplier name: Smarter Technologies Group Limited

Publication date: 11th May 2022

Commitment to achieving Net Zero

Smarter Technology Group Limited ("STG"), a group which includes the subsidiaries Visionist Limited, New Forest Communications Limited and Smarter Technologies Trading Limited, is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

In 2021 STG retained FNZ (Future Net Zero) to produce accurate carbon emissions measurement data. All data displayed has been calculated using an algorithm compliant with UK Government standards.

The STG data source is derived from our accounts systems to ensure accuracy and legitimacy.

Baseline Year: 2021	
Additional Details relating to the Baseline Emissions calculations.	
This is the first year we began recording emissions. We have worked with 3 rd parties to provide the data in accordance with UK government standards. As yet we are still in the process of capturing complete Scope 3 emissions.	
Baseline year emissions: 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0.00*
Scope 2	0.53011
Scope 3 (Included Sources)	To date STG have identified 38.32 tCO ₂ e made up of business travel (personal cars, trains) and asset shipping. STG has a developing panel of c250 suppliers – a combination of upstream suppliers and downstream fabrication plants and logistics firms. We have requested emissions statements to support accurate reporting. Whilst compliance rates can be improved we have published a figure on facts that we have been to obtain from our supply chain and on the understanding that we will continue to source accurate data from our channel.

Total Emissions	38.85
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*Note - our office heating is powered by electricity, which is accounted for under our scope 2 emissions. There are no other Scope 1 emission sources in our value chain.

Current Emissions Reporting

Reporting Year: 2022 – YTD	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0.00*
Scope 2	0.11991
Scope 3 (Included Sources)	9.35* *The process of identifying and analysing data is an ongoing exercise. As our business expands our procurement protocols will ensure further emissions data is recovered.
Total Emissions	9.4667

*Note - our office heating is powered by electricity, which is accounted for under our scope 2 emissions. There are no other Scope 1 emission sources in our value chain.

Emissions reduction targets

STG is committed to achieving net zero carbon by 2050.

STG are a manufacturer and software services company working in the Internet of Things (IOT) sector and are leaders in the provision of monitoring devices that record a range of metrics from energy utilization through to temperature to the tracking of equipment on site. Equally our position as a recognized software house advising on digital transformation makes us well placed to understand how emissions can be cut through the design of efficient workflow systems. We apply these insights to our operations as part of a continuous improvement process.

Consequently, the STG ethos: to reduce wasteful or poor practices in industry through the application of technology is delivered through products that are designed with extended life expectancy, whose componentry is fully recyclable and where the management is automated and regulated.

As a result, all STG activities are focused on cutting waste on a global scale.

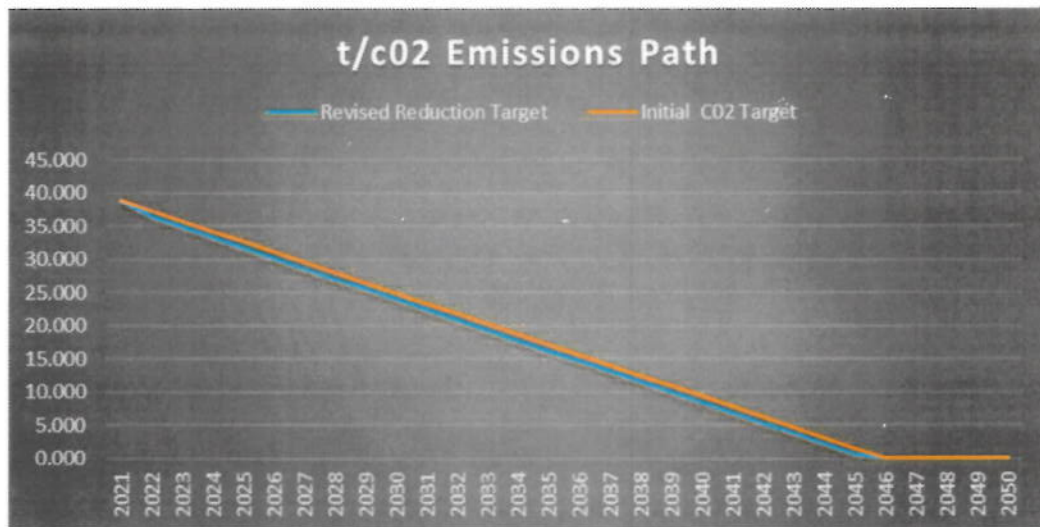
STG aims to achieve net zero carbon by 2050 through:

- the application of STG technology to actively manage and eradicate wasteful energy practices in their own operations.

- by extension through the supply of STG equipment and software services help other businesses improve transparency in the reporting of their own carbon emissions to support environmental and sustainability programmes.

We project that carbon emissions may increase over the next five years by c12 tCO₂e by 2025 due to the expansion of STG services and customer platform. This increase we expect to mitigate further during 2022 (and in subsequent years) and we believe the absolute carbon produced per unit of manufacturing and deployment will fall.

The following graph is based on current progress – 4% reduction from our baseline without investment. As the business is in growth phase emissions, in the short-term, may increase although the emission of carbon will be actively managed out or offset to avoid disproportionate increases:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives (2021)

The following environmental management measures and projects have been completed or implemented since the 2021 baseline:

Our target reduction without investment is 4% per year from the baseline year of 2021.

To date we have:

- Installed electricity monitoring equipment on-site to help reduce carbon. All
- Reduced energy by 9.52% focusing on energy savings initiatives with staff
- Shortened the working week for staff
- Reviewed the sourcing of materials for STG. Following review all materials sourced are considered on the basis of recycling and our ordering of stock is done in bulk to reduce deliveries.

Proposed projects (2022 onwards and in progress):

Scope 1 emissions:

STG will continue to review operations to ensure we maintain our position and do not acquire equipment or plant that might be detrimental to our negative carbon footprint.

Scope 2 emissions:

STG have adopted Green sources of energy and will continue when our current supply contracts end. We will review off peak battery storage options driven by Photovoltaic (PV) solutions.

Scope 3 emissions:

STG staff are encouraged to utilise public transport wherever possible when visiting clients, work premises to use public transport or low carbon impact transport such as cycles.

We continually monitor usage to ensure all plant is shut down over weekend. Recent initiatives include shortening the working week (introduced April 2022), the adoption of a flexible working culture and established working from home practices.

All materials sourced by STG are considered on the basis of recycling and our ordering of stock is done in bulk to reduce deliveries. Furthermore, we are introducing into our buyer employment contracts metrics that measure procurement (price) against sustainability of product.

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, where accurate data is held, have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

Signed on behalf of the Smarter Technologies Group Limited

Signed By: Mark Read, Director

Date:

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

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

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