

Carbon Reduction Plan

Supplier name: ..SpectrumX Direct Limited.....

Publication date: ..23rd September, 2024.....

Commitment to achieving Net Zero

SpectrumX Direct Limited is committed to achieving Net Zero emissions by 2030.

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: 2024/5

Additional Details relating to the Baseline Emissions calculations.

SpectrumX Direct Limited was formed in late 2021 but only began commercial manufacture of products since it orders from NHS were received in mid 2024. The technology that our products employ is new to this market and as such we have spent a great deal of time and money to bring the product to market in the most suitable and efficacious format for use by customers. This process has involved much product development and liaison with NHS trusts and other agencies over the period of a number of years.

We therefore do not have meaningful historical data of our carbon emissions in connection with our hand sanitiser and other cleansing products. Now that manufacture of products has begun we will use the 12 month period commencing 1st June 2024 as our baseline (as per the *Instructions to Suppliers*, above) and shall be in a position to report on this once we have our first years' worth of data.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	Not available until Quarter 3 2025.
Scope 2	Not available until Quarter 3 2025.
Scope 3 (Included Sources)	Not available until Quarter 3 2025.
Total Emissions	Not available until Quarter 3 2025.

Current Emissions Reporting

Reporting Year: 2024/5	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	Not available until Quarter 3 2025.
Scope 2	Not available until Quarter 3 2025.
Scope 3 (Included Sources)	Not available until Quarter 3 2025.
Total Emissions	Not available until Quarter 3 2025.

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that our actual carbon emissions will increase over the next five years as demand for our products in the market grows from a standing start point of zero. This will not impact our ability to become Carbon Net Zero by 2030. We would like to draw to your attention that due to the nature of our cold, low energy consuming production process (as opposed to many competitor products that are hot, high energy consuming processes) and our modern, high energy efficiency manufacturing facility we are confident that the energy that we will require to manufacture each litre of product will be minimal in comparison with the same figure for the products of our competitors.

Our Carbon Reduction journey will not stop here, we are aggressively looking to ensure that our product Add to this our strong focus on ensuring that we use as much recycled material in our packaging and that it in turn is recyclable, we aim to ensure that our environmental impact is market leading.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since we the Company was set up in late 2020. As previously explained we have not been producing product commercially until 2024 and have spent our time designing and finessing our product so that when it was launched on the market it was ready to meet the needs of customers such as NHS.

From the formation of our Company environmental goals have been central to our plans and ethos and we aimed to achieve ISO 14001 as early in our journey as possible with accreditation being awarded on 08/02/23.

We selected a brand new state of the art energy efficient building with an EPC rating of A, with high levels of insulation and air tightness to maximise energy efficiency to house our manufacturing facility.

We have designed and developed a refill pouch system for our 1000ml wall mounted hand sanitiser dispensers which replaces the conventional plastic bottle refills. This user-friendly, recyclable packaging solution has a range of benefits including using 73% less plastic by weight and having an empty volume which is 96% less than that of the traditional bottles used by many competitors.

We would also like to draw to your attention our corporate Carbon Reduction document effective from 1st July, 2024 appended to this document for enhanced detail into the background of our product, our low carbon business ethos and the initiatives that we have already employed and plan to implement to achieve our energy efficiency goals.

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

Our production facility building has been designed with the capacity to be equipped with solar panels to the roof structure and this will be one of our future steps to further progress our sustainability journey.

It is our intention to only procure electric vehicles when we start to build our own fleet of company vehicles. In the meantime we already have the infrastructure in place to support the charging of electric vehicles on site.

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 Senior Leadership Team.

Signed on behalf of the Supplier:



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Date: ...23rd September, 2024.....