

# Carbon Reduction Plan

Supplier name: Sological Solutions Ltd

Publication date: October 2023

## Commitment to achieving Net Zero

Sological Solutions Ltd 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 emissions for Sological Solutions Ltd is January 2020 to January 2021. Therefore, this reporting period is our first and regarded as our Baseline Emissions.

<b>Baseline Year: 2020</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Baseline emission values were calculated using the Carbon Trust's SME calculator based on the 12 month period 6 <sup>th</sup> January 2020 to 7 <sup>th</sup> January 2021.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (KgCO<sub>2</sub>e)</b>
Scope 1	1,240
Scope 2	437
Scope 3 (Included Sources)	0 (see Notes on Scope 3)
<b>Total Emissions</b>	<b>1,678</b>

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## Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	1,539
Scope 2	405
Scope 3 (Included Sources)	0 (see Notes on Scope 3)
<b>Total Emissions</b>	<b>1,944</b>

### Notes on Scope 3

As a digital service based business we do not undertake

4. Upstream transportation and distribution – as a service based digital business all operations are digital
5. Waste generated in operations – there is no waste generated as all operations are digital in their nature.
6. Business travel – all meetings with customers are undertaken virtually negating the need for travel.
7. Employee commuting - all employees work from home.
9. Downstream transportation and distribution - as a service based digital business all operations are digital.

### Carbon offset

As a digital service based business we continue to work to further reduce and balance our carbon footprint.

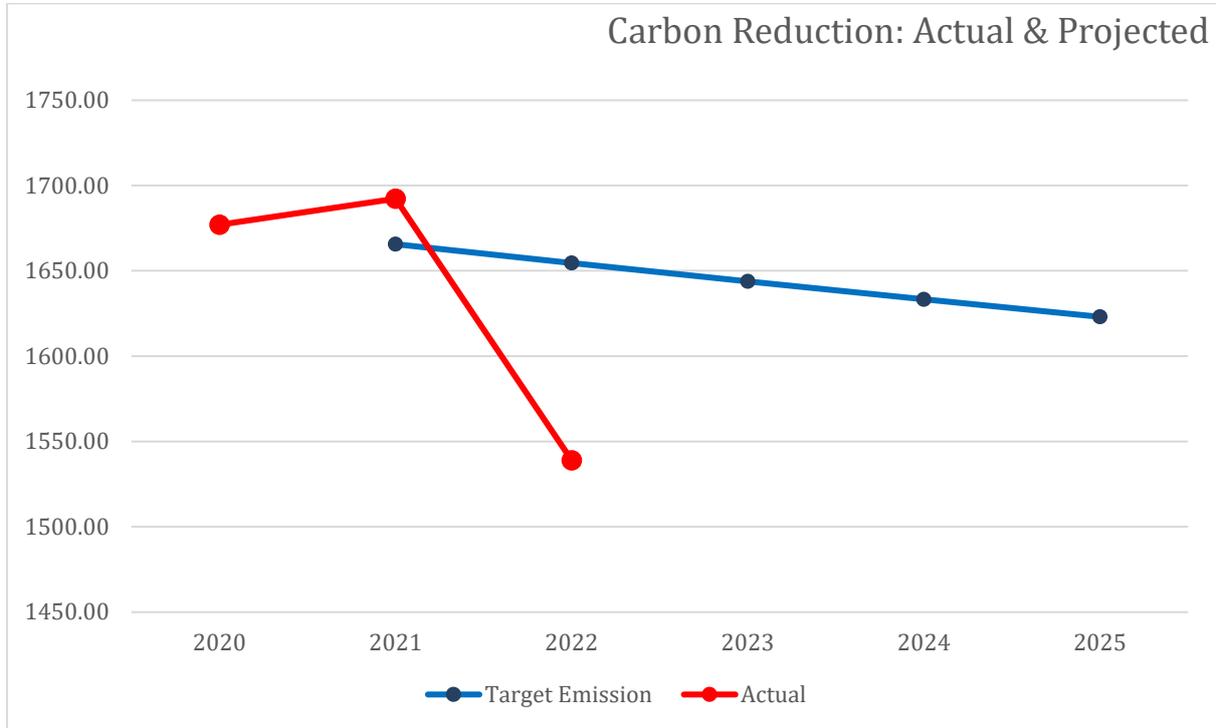
### Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 1623 KgCO<sub>2</sub>e by 2026. This is a reduction of 3.2%

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Progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

As a digital business with no travel a key element of our carbon emission is a result of electricity usage. As the production of electricity is increasing from renewable resources in the UK there will be a natural decrease in our emissions as a result of the switch towards 100% renewable electricity production. Our Carbon reduction is based upon this increase/decrease of renewable energy production in the UK as our use level of electricity is constant and not expected to decrease.

Figures for 2022 are based on the increase in renewable electricity production in the UK and adjusted accordingly.

Renewable electricity production rates for the UK are taken from the Government website at <https://www.gov.uk/government/collections/renewables-statistics>

**Renewable generation increased by 10 per cent in 2022 to a new record of 135.0 TWh. This was just 0.5 per cent higher than the previous record set in 2020 when unusually favourable weather conditions hit the UK. The key driver in 2022 was new capacity and an improvement in weather conditions compared to 2021. Within the technologies, records were set for onshore and offshore wind, solar PV, and anaerobic digestion.**

As a small business we have no control over the % of renewable energy production in the UK. Therefore our carbon emissions for 2022 have increased/decreased in line with overall UK percentage renewable production levels.

In the future we will continue to work to implement further measures such as: ensuring that our office supplies are source from companies equally committed to achieving net zero.

## **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:**

Deborah Soloman, Director

Date: 12<sup>th</sup> October 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>