



Carbon Reduction Plan

Supplier name: ISOL8 Healthcare Ltd

Publication date: 14/04/2023

Commitment to achieving Net Zero

ISOL8 Healthcare Ltd is committed to achieving Net Zero emissions by 2040.

Baseline Emissions Footprint

Baseline Year: 2022 (1 Jan 2022 - 31 Dec 2022)	
Additional Details relating to the Baseline Emissions calculations.	
<p>While we have measured our Scope 1 and Scope 2 emissions during our first company year 2021, there was no prior measurement of Scope 3 emissions before 2022. We have therefore chosen 2022 as our baseline year in order to ensure full alignment and comprehensive reporting against all three scope emissions.</p> <p>Our company Carbon Study details the measurements and assumptions for these numbers. Baseline emissions calculations are based on the DESNZ GHG Conversion factors for Company Reporting: https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2023.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	8.2
Scope 2	0.7
Scope 3 Five sub-categories required by NHS	79.2
Total Emissions	88.1

Current Emissions Reporting

Reporting Year: 2022 (1 Jan 2022 - 31 Dec 2022)	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	8.2
Scope 2	0.7
Scope 3 Five sub-categories required by NHS	79.2
Total Emissions	88.1

In this instance the Carbon Reduction Plan refers to the same year for both its baseline and current emissions.

Emissions reduction targets

As we start our Net Zero journey, we have adopted the following carbon reduction targets for the next 5 years.

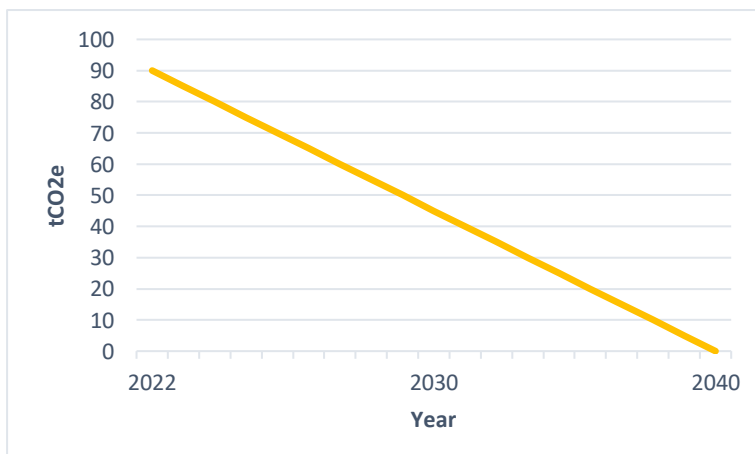
Scope 1 and Scope 2

We project that carbon emissions for Scope 1 and Scope 2 will decrease to 4.5 tCO₂e. This is a reduction of 50%.

Scope 3

We project that carbon emissions will decrease over the next five years to 57 tCO₂e by 2027. This is a reduction of 28%

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes equate to 4.5 tCO₂e, a 10% reduction against the 2022 baseline and the measures will be in effect when performing the contract.

- Installation of skylights in our UK office and warehouse facilities. This has resulted in a decrease of 80% in electricity and CO₂e emissions for lighting (**Scope 2**)
- Improved efficiency in transportation by using only direct shipping routes from our manufacturing units to the UK. This has resulted in an 20% decrease of CO₂e emissions from sea transport (**Scope 3**).
- Improved efficiency in transportation by loading containers by the carton instead of per pallet, which has increased the number of products loaded per container by 25%, resulting in a 25% decrease of CO₂e in all transport to the UK. (**Scope 3**)
- Increased usage of virtual meetings to decrease business travel to and from our head office in Ireland. From June 2022, this has led to a reduction of 24% in CO₂e emissions from air travel. (**Scope 2**)

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

- Introducing a work from home scheme aimed at reducing our road miles from daily commuting by 40% and use of natural gas for heating by 20% (**Scope 1**)
- Move our sourcing of raw materials to recycled polypropylene and recycled paper/ Using recycled polypropylene reduces the carbon impact by 80%, and recycled paper reduces it by 38% for these materials (**Scope 3**)
- Using railway transportation for container deliveries in the UK where possible (**Scope 3**)
- Switching to an energy provider to provide electricity that is 100% generated by renewables for our UK office and warehouse facilities (**Scope 2**)
- Shipping containers directly to Teesport instead of Southampton port, which will reduce the road distance in the UK from 313 to 32 miles, reducing the CO₂e emissions for transport to our UK warehouse by 46% (**Scope 3**)

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 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.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of the Supplier:

Dr Fergal Whitehead
Director of Operations



Date: 14/04/2023

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>