

# Carbon Reduction Plan

Supplier name: i3medical Ltd

Publication date: 01/03/2024

## Commitment to achieving Net Zero

i3medical ltd is committed to achieving Net Zero emissions by 2040.

## 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: Sept 2022 > Feb 2023**

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

As a new company we look to deliver and continually monitor and improve our environmental commitments as we progress and the business builds, and we will implement the suggestions raised by the initial report.

In addition we intend to implement:

- Greener commuting: placement of staff local to the service provision and encourage the use of public transport where possible. Move to and encourage electric vehicle ownership either within the company structure or by contracting employees of a car benefit scheme.
- 100% paperless approach to services and communication.
- Within the office environment and when out in field by recycling waste in the correct purpose bins and tracking amounts of such waste recycled.
- Reusing waste created where possible and tracking such reuse.
- Efficient meetings: using zoom/ teams or Go-To-Meetings/MS Lync to meet virtually, reducing emissions traveling and 'dead-time'.
- Encourage and train staff to turn off equipment and lights when rooms not in use. Measure via the metered electricity consumption.
- Evaluate the ultrasound imaging process to see if there are any changes which can be made to reduce and improve the carbon footprint. For example move to a improved method of transducer pre cleaning which would stop multiple non biodegradable wipes being used. Measure: research, design and test the market.
- Train staff that when using PPE in the hospital setting when demonstrating or commission equipment to dispose of PPE correctly including cutting the loops of facemask prior to correct disposal to reduce the risk to wildlife.
- Allow people to work from home if there are administrative duties which do not require them to be in the workplace or hospital setting to reduce commuter activity and carbon emissions.
- Introducing a water management policy to promote sustainable water use.

The Lumicare ONE device uses LEDs to produce UVC making it the most sustainable High Level Disinfection device for ultrasound probes available, significantly minimising the environmental impact of decontamination:

- Free of harmful chemicals including Mercury
- No consumables required adding to waste
- No refrigeration for chemical consumables

- No high volume waste (testing strips, etc)
- No requirement to regularly replace parts such as florescent tubes.

**Baseline year emissions: Feb 2023 > March 2024**

<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	17.5
<b>Scope 2</b>	1.4
<b>Scope 3 (Included Sources)</b>	Not calculate
<b>Total Emissions</b>	Total carbon footprint is 18.9 tonnes CO <sub>2</sub> e

## Current Emissions Reporting

**Reporting Year: 2023 > 2024**

<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	8.07
<b>Scope 2</b>	2.5
<b>Scope 3 (Included Sources)</b>	Not calculate
<b>Total Emissions</b>	Total carbon footprint is 10.57 tonnes CO <sub>2</sub> e

### Emissions reduction targets

This is our 2<sup>nd</sup> report and in order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

Continue with previous years recommendation plus:

- 1: move to renewable energy using solar.
- 2: increase the number of journeys made to customers via public transport

3: increase the number of initial meeting via video conferencing

4: as a small company of less than 10 employee's and dedicated to one specific product we will start to evaluate scope 3 over the coming year.

We project that the company carbon emissions may decrease over the next five years to less than 5 tCO<sub>2</sub>e by 2030. This is a reduction of 50%. However as the company grows due to increased demand for the product and more products which are carbon friendly and sustainable become available the overall company carbon footprint may increase but we aim to offset to still achieve the goal of carbon neutral by 2040.