



Carbon Reduction Plan Medasil Surgical Limited

COMMITMENT TO ACHIEVING NET ZERO

Medasil Surgical Limited 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. Please note base line figure were during the pandemic therefore all scope were not representative of a standard year.

	Emission Source	Units	Baseline	Report year
			2021	2022
Scope 1	SECR kWh pass & Delivery Vehicles	Emissions (tCO _{2e})	15396.6	25014.5
	Passenger vehicles	Emissions (tCO _{2e})	2968.0	2689.0
	Sub Total	Emissions (tCO _{2e})	18364.6	27703.5
Scope 2	Electricity use	Emissions (tCO _{2e})	34589.6	24834.7
	Sub Total	Emissions (tCO _{2e})	34589.6	24834.7
Scope 3	Home Working	Emissions (tCO _{2e})	1559.3	1142.7
	Hotel Stay	Emissions (tCO _{2e})	52.8	52.8
	Freighting	Emissions (tCO _{2e})	2290.0	1467.0
	Business Travel -Land	Emissions (tCO _{2e})	4.8	
	Business Travel -Air	Emissions (tCO _{2e})	9648.6	403.2
	Water Use	Emissions (tCO _{2e})	85000.0	137130.0
	Material Use	Emissions (tCO _{2e})	4480.9	4825.1
	Sub Total	Emissions (tCO _{2e})	103036.4	145020.8
TOTAL EMISSIONS		Emissions (tCO_{2e})	155990.6	197559.0



Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to a reduction of 187681.05 tCO₂e by 2028. This is a reduction of 5% of our reporting year.

CARBON REDUCTION PROJECTS

COMPLETED CARBON REDUCTION INITIATIVES

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. (Medasil Surgical Limited did not speculate as to the reductions achieved by the measures we have introduced (see below) as 2021 was our baseline year and we will be happy to share the results when our 2023 figures are calculated).

OUR CARBON REDUCTION & ESG JOURNEY SO FAR: -

- We continue to manufacture 80% of our devices in house in Leeds, UK
- We are sourcing new supplier partners with a lower carbon footprint, within a reduced geographical area.
- We acknowledge the need for a clear plan to monitor/reduce our operational emissions.
- We use recyclable materials in our packaging processes where possible.
- We are continuing to install low-energy lighting with proximity switching.
- We recycle our waste.
- We review our supply-chain partners, we will continue to be more proactive in this to ensure they are using both sustainable best- practice and remain an ethical source of supply.
- We have some policies and procedures in place regarding ethical trading, employment, and environmental practices, we plan to train these across the company.
- We are updating our core values; they will be trained out across all our operations underpinning everything we do.



IN THE FUTURE, WE HOPE TO IMPLEMENT FURTHER MEASURES SUCH AS: -

We will consider various options to improve the way we work and will aim to continually improve our carbon reduction performance.

- Completion of retrofitting program to low-energy lighting with proximity switching.
- Considering replacing the delivery van with an EV when required.
- Considering the implementation of solar panels on the manufacturing facility.
- Living wall to offset our carbon emissions.
- Purchasing energy from 100% renewable sources where possible.
- Monitor and analyse energy and carbon data and provide relevant information to building managers to improve accountability.
- Move to cloud base data storage to remove the need for onsite servers.
- Install more boiling hot water taps, - removing the need for kettle use in the company.
- Encourage and educate staff with GoGreen bi-annual meetings.
- Migrate to a new ERP to better manage material use and isolate wastage.

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 board of directors (or equivalent management body).

Signed on behalf of Medasil Surgical Limited:

Gillian Hassall – CEO

Date: 1st April 2023

⁴<https://ghgprotocol.org/corporate-standard> ⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>