

## Carbon Reduction Plan

Supplier name: **Medical Devices Technology International Limited (MDTi)**

Publication date: **18<sup>th</sup> June 2024**

### Commitment to achieving Net Zero

Medical Devices Technology International Limited (MDTi) 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.

<b>Baseline Year: April 2023 to April 2024</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
MDTi's business model is to operate as a 'virtual manufacturer' of medical devices, undertaking the production of end user product through the sub-contract to a single UK critical contractor, effectively purchasing machine time and assembly. All raw material, tooling, packaging, downstream distribution, and regulations are directly managed through MDTi's operation. The organisation runs through one physical location based in the UK, and virtual offices in Cyprus and New Zealand that are entirely web based for regulatory purposes. All end-user products are produced in the UK	
<b>Baseline year emissions: April 2023</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	2031.57
<b>Scope 2</b>	4407.50

Scope 3 (Included Sources)	Categories	Description	Absolute emissions, tCO <sub>2</sub> e	Total
	Upstream transportation and distribution	Transportation and distribution of products purchased	943.40	2407.75
	Waste generated in operations	Disposal and treatment of waste generated in the reporting company's operations	0.321	
	Business travel	Transportation of employees for business related activities	3.55	
	Employee commuting	Transportation of employees between their Homes and their worksites	0.23	
	Downstream transportation and distribution	Transportation and distribution of products Sold.	1460.25	
	<b>Total Emissions</b>	8846.82		

### Current Emissions Reporting

Reporting Year: May to April 2024				
EMISSIONS	TOTAL (tCO <sub>2</sub> e)			
Scope 1	1870			
Scope 2	4100			
Scope 3 (Included Sources)	Categories	Description	Absolute emissions, tCO <sub>2</sub> e	Total
	Upstream transportation and distribution	Transportation and distribution of products purchased	890	2268.84
	Waste generated in operations	Disposal and treatment of waste generated in the reporting company's operations	0.30	

	Business travel	Transportation of employees for business related activities	3.31	
	Employee commuting	Transportation of employees between their Homes and their worksites	0.23	
	Downstream transportation and distribution	Transportation and distribution of products Sold.	1375	
<b>Total Emissions</b>	8238.84			

### Emissions reduction targets

The MDTi’s Green Plan set out to achieve an interim target of 25% reduction of its carbon emissions from 2023/24 baseline by April 2028 with commitments to reach net zero by 2030 on direct emissions and 2050 on indirect emissions. It is worth noting that the Company has never received a penalty notice from the Environment Agency for breaching the UK ETS carbon emissions allocation.

We will commit to the following targets:

- 1) Reduce greenhouse gas emissions by 25% from a 2023/2024 baseline from the whole operation and business-related travel.
- 2) Reduce the amount of waste we generate by 25% from a 2023/2024 baseline,
- 3) Reduce water consumption from a 2023/2024 baseline, and report on office water use against best practice benchmarks,
- 4) Ensure the Company buys more sustainable and efficient products and engages with suppliers to understand and reduce the impacts of supply chains.

### Carbon Reduction Projects

Medical Devices Technology International Limited recognise that climate change poses a threat to the economy, nature, and society at large, our company commits to act immediately to:

- Halve our greenhouse gas emissions before 2030.
- Achieve net zero emissions before 2050.
- Disclose our progress on a yearly basis.

In doing so, we will be proud to be recognised by the United Nations Race to Zero campaign, and join governments, businesses, cities, regions, and universities around the world that share the same mission.

This Carbon Reduction Plans (CRPs) has been completed by the Company and meet the reporting requirements and include the Company’s current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The Carbon Reduction Plans (CRP) will help the Company and customers understand the impact of any contract and therefore its wider operations have upon the environment. It details the organisation's emissions across a single year against a range of emissions sources and greenhouse gases.

### Completed Carbon Reduction Initiatives

The Company’s Plan sets out to achieve an interim target of 25% reduction of its carbon emissions from 2023/24 baseline by April 2028 with commitments to reach net zero by 2030 on direct emissions and 2050 on indirect emissions. From 1 April 2023 to 31 March 2024, the sustainability initiatives implemented to reduce the Company’s carbon emissions have delivered around 7.37% reduction from baseline.

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

- Only establishing critical subcontracting relationships with organisations that have pledged to carbon reduction strategies.

### Carbon Footprint Data (GHG Reporting)

Emissions Category	Baseline (tCO2e)				Current Year (tCO2e)				Reduction from baseline (tCO2e)
	2022/2023				2023/2024				
	Scope 1	Scope 2	Scope 3	Total	Scope 1	Scope 2	Scope 3	Total	
Mobile combustion fuels and vehicle	2031.57		2268.84	4300.41	1870		2268.84	4138.84	-161.57
Electricity		4407.50		4407.50		4100		4100	-307.50
Gas									
Oil									
<b>Total</b>	<b>2031.57</b>	<b>4407.50</b>	<b>2268.84</b>	<b>8,707.91</b>	<b>1870</b>	<b>4100</b>	<b>2268.84</b>	<b>8238.84</b>	<b>-469.07</b>

Our carbon footprint account for emissions within our operational boundary using the methodology of Well to Wheel (WTW):

#### Operational Control:

MDTi reports on all sources of carbon emissions over which it has operational control. MDTi is deemed to have operational control over a service if it has full authority to introduce and implement its operating policies.

**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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

**Signed on behalf of Medical Devices Technology International Ltd:**

Name: Professor Martin Levermore MBE

Signed by *Mlevermore* .....

Position: Chief Executive Officer

Date: 18<sup>h</sup> June 2024