

Document Description	Version No.
CARBON REDUCTION PLAN	2

Supplier name: **Q Medical Technologies Ltd**

Publication date: **30/05/2024**

Commitment to achieving Net Zero

Q Medical Technologies 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 Year: January – December 2023	
Additional Details relating to the Baseline Emissions calculations.	
We have not previously assessed or reported emissions, so do not have previous baseline data prior to 2023. In anticipation of Carbon Reduction reporting requirements, we liaised with our suppliers so could have maximum data available to us for 2023, enabling us to accurately measure emissions.	
Baseline year emissions: 49700 (tCO₂e)	
EMISSIONS	TOTAL (tCO₂e)
	49700 (tCO ₂ e)
Scope 1	42.8 (tCO ₂ e)
Scope 2	9.07 (tCO ₂ e)
Scope 3 (Included Sources)	49600 (tCO ₂ e) total 2.98 tonnes Business travel 12.4 tonnes Employee commuting 0.451 tonnes Waste generated in operations 46600 tonnes Upstream transportation and distribution 2984.16 tonnes Downstream transportation and distribution. 0.014 tonnes Purchased goods and services
Total Emissions	49700 (tCO₂e)

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Current Emissions Reporting

Reporting Year: 2023 (as per above, 2023 is our baseline year due to a lack of prior data. In these circumstances, and for this first year of reporting only, baseline and current emissions data are for the same year and comprised of the same figures).	
EMISSIONS	TOTAL (tCO₂e) 49700 (tCO₂e)
Scope 1	42.8 (tCO ₂ e)
Scope 2	9.07 (tCO ₂ e)
Scope 3 (Included Sources)	49600 (tCO ₂ e) total 2.98 tonnes Business travel 12.4 tonnes Employee commuting 0.451 tonnes Waste generated in operations 46600 tonnes Upstream transportation and distribution 2984.16 tonnes Downstream transportation and distribution. 0.014 tonnes Purchased goods and services
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Emissions reduction targets

To reach the target of net zero emissions by 2050, a reduction of 3.85% per year is required. However, in recognition of emissions cuts becoming more difficult to achieve as the total figure reduces each year, we have decided to ‘front load’ our targets somewhat. This will encourage us to be ambitious in meeting the targets and will achieve the highly desirable outcome of reducing carbon emissions more quickly in the early years of the plan.

Our year 1 target is therefore a reduction in carbon emissions of 10% from our baseline year, resulting in 4970 fewer tonnes of carbon being emitted.

This is to be achieved through greater consolidation of logistics, resulting in fewer van trips overall. We are also eagerly awaiting confirmation from our logistics contractor of the date they will start using fully electric vehicles for our inbound and collection services.

As more data becomes available to us, we will be able to set longer term targets that require more significant investment, for example switching to fully electric vehicles for our fleet.

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Carbon Reduction Projects

Currently we measure our water use, electricity use and our waste to landfill. As part of our carbon reduction goals we:

- aim to maintain or reduce our water and electricity consumption each year
- aim to reduce our waste to landfill figure each year

Our suppliers are based across the world, but we anticipate that the global push for net zero, including the targets set out in European legislation and UK legislation will allow us to work more closely with our partners to develop a more sustainable supply chain. We have already found that the UK plastic packaging tax has led to greater engagement with our suppliers.

We have implemented numerous policies, procedures and projects to reduce our carbon footprint in the last decade. Prior to the introduction of the baseline emissions figures we have already implemented:

- Kitchen cleaning rota to reduce water consumption
- Toilet cistern weights to reduce water consumption
- Compliance to ISO 14001 standards
- Replacement of emergency lighting with LEDs
- Hybrid vehicles for our fleet
- E-invoicing and E-signature/contracts
- Supplier Order consolidation (reduced no. of shipments per year, per supplier)
- Re-use of supplier packaging (where appropriate)
- Purchase of recycled packaging
- Use of carbon neutral distribution services
- Monitoring of waste to landfill / recycling waste output
- Approved supplier qualifying criteria that prioritise ISO14001 holders and / or local businesses
- Data monitoring for PPT

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

- Data monitoring for EPR
- Switch to fully electric vehicles
- Upgrade of heating systems to more energy efficient solution
- Introduction of LED lighting (as fluorescent lights are phased out)

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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 reporting](#)².

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 (or equivalent management body).

Signed on behalf of Q Medical Technologies Ltd



Group Director of Quality and Regulatory Affairs

Net Zero Corporate Champion

Date: 30/05/2024.

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>