

Carbon Reduction Plan

Supplier name:Brandon Medical Company Ltd

Publication date: ...January 2024

Commitment to achieving Net Zero

Brandon Medical Company Ltd is committed to achieving Net Zero emissions by 2045.

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: 2021	
Additional Details relating to the Baseline Emissions calculations.	
<p>Brandon Medical has been concentrating on reducing its Scope 1 and Scope 2 emissions because these are the emissions it has the most control over and where it can make real World, quantifiable reductions.</p> <p>The Company has been steadily reducing its Scope 3 emissions and measuring this using direct units of measure rather than CO₂e. A project is in place to convert the data from the base units into CO₂e to align with the PPN-06/21</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	217
Scope 2	56
Scope 3 (Included Sources)	No prior Scope 3 emissions reporting (see notes)
Total Emissions	273

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	163
Scope 2	39
Scope 3 (Included Sources)	No prior Scope 3 emissions reporting (see notes)
Total Emissions	202

Emissions reduction targets

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

CO₂ Emissions in tonnes per £M turnover:

	Gas	Diesel	Electricity*	Total
	(Scope 1)	(Scope 1)	(Scope 2)	(Scope 1+2)
2021 benchmark	9.4	13.0	4.1	26.5
2-year target	8.5 (10% reduction)	11.1 (15% reduction)	3.7 (10% reduction)	23.3 (12% reduction)
10-year target	1.9 (80% reduction)	zero	2.6 (37% reduction)	4.5 (83% reduction)

* Electricity figures are based on total emissions minus the contribution from on-site solar generation

Product design – Scope 3 Emissions

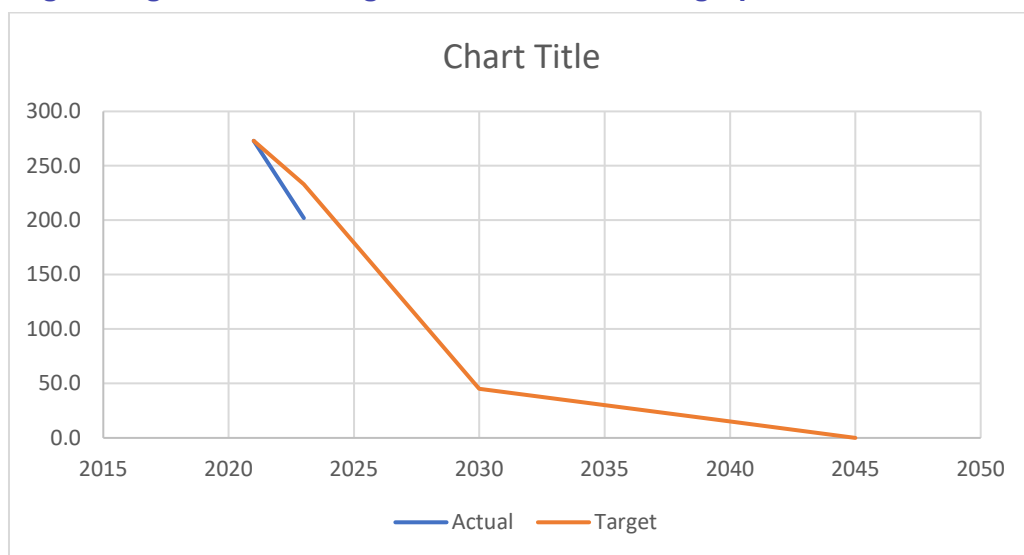
Reduction in CO₂ due to manufacturing materials by 2025	30% reduction in CO ₂ required to produce the main components of the Quasar range of products.
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Ecology targets

Carbon capture improvements by 2023	Plant six additional trees Manage current tree stock to maximise growth where appropriate
Biodiversity improvements by 2023	Convert the majority of the 140 m ² of lawn to plants that will support pollinators and promote biodiversity. Install nest boxes

Brandon Medical that carbon emissions will decrease over the next five years to 141 tCO₂e by 2028. This is a reduction of 30%.

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Brandon Medical is the only company in our sector that has signed up to “Pledge to Net Zero” and committed to SBTi targets.

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to 61 tCO₂e, a 35% reduction against the 2021 baseline and the measures will be in effect when performing the contract

1. Brandon Medical planted 6 additional trees in the 2022/23 planting season.

2. Scope 1 Emissions:

(i) Active management of gas fired heating.

Set point reduced from 20C to 18C

Duration of heating periods reduced

Set point for summer reduced to 10C to stop occasional heating in early mornings

(ii) Improve insulation to reduce gas consumption

Draught sealer has been used to seal the windows in Assembly

A thermal survey of building has been completed to identify thermal weaknesses

(iii) Vehicle fuel

Transition of company cars from IC to EV or hybrid cars is in progress as leases expire. The process is largely completed with only one fully IC car remaining.

3. Scope 2 Emissions:

White room chillers (5kVA) have been turned off following testing

Soak room heaters (9kVA) have been turned off following testing

4. Scope 3 Emissions:

Brandon Medical has been steadily reducing Scope 3 emissions however these we have not been recording this in terms of CO₂e. Brandon Medical is in the process of analysing 2021 data to establish a baseline and conversion factors from the current Units of Measure to CO₂e

Carriage-In

Brandon Medical has been working to eliminate inward air freight in favour of sea freight which has a much lower carbon density

Some component manufacturing from distant countries has been brought in-house and transferred to UK manufacturers to reduce shipping

Carriage-Out

Brandon Medical's biggest customer is the UK NHS. Brandon Medical manufacture locally in Leeds, using materials that are largely sourced in the local area, with only one Far-East component supplier. All major suppliers are now either in the UK, Germany or Switzerland. This is all part of the strategy to be the lowest carbon miles supplier to the NHS.

Business Travel

Brandon Medical only has a de minimis amount of business travel. A new travel expense reporting system has been implemented in November 2023 that collects the actual data for air and rail travel to enable detailed reporting of the small amount of business travel.

Commuting

Brandon Medical has installed EV chargers for all employees to use to encourage their transition to EVs.

An employee travel survey is currently underway to benchmark emissions from commuting in 2021 and 2023.

Waste

Brandon Medical has comprehensive recycling in place for waste metals, polythene, oils and cardboard. The Sustainability team has introduced additional recycling of batteries, WEEE, waste paper and domestic waste from our welfare facilities. We have eliminated all single-use products from the Company welfare facilities by providing staff with re-usable items and dishwashing machines.

There is a small amount of residual waste produced that the Company cannot recycle, mainly because of the low volume. This is removed from site by a specialist re-cycling contractor who processes it at their local re-processing centre. The Sustainability Team are auditing the process to ensure that this waste is also recycled to our satisfaction and to start reporting this as CO2e.

In the future we hope to implement further measures:

Change of electricity supplier to a lower carbon intensity provider

Change T5 and PLL lights to LED in its factory, warehouse and offices.

Increasing solar PV by an additional 106 kVA for start of 2024

Introduce a salary sacrifice scheme to incentivise employees to switch to EVs

Consider green gas suppliers

Monitor the H21 City Gate Project to convert from natural gas to hydrogen for heat

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 (or equivalent management body).

Signed on behalf of the Supplier:

Graeme Hall

Executive Chairman

Brandon Medical Company Ltd

Date: 11th January 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>

