

# Carbon Reduction Plan

Supplier name: BVM MEDICAL LTD

Publication date: 24/3/2023

## Commitment to achieving Net Zero

BVM MEDICAL LTD is committed to achieving Net Zero emissions by 2050.

## Publication

This Carbon Reduction Commitment and Plan is available on our website at the following address

[www.bvmmedical.com/carbon-reduction-plan](http://www.bvmmedical.com/carbon-reduction-plan)

## 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: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Our baseline reporting year is 2019. Scope 1 includes emissions from our company vehicles and Natural Gas emissions to heat our premises. Scope 2 emissions include Electricity used to light and power our office and warehouse. Scope 3 sources included Business Travel by air and Hotel stays.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	32.51 tCO <sub>2</sub> e
Scope 2	5.92 tCO <sub>2</sub> e
Scope 3 (Included Sources)	54.73 tCO <sub>2</sub> e Business Travel (Air) 51.80 tCO <sub>2</sub> e, Hotel stay 2.93 tCO <sub>2</sub> e
<b>Total Emissions</b>	<b>93.16 tCO<sub>2</sub>e</b>

## Current Emissions Reporting

### Reporting Year: 2022

Our 2022 report showed a marked decrease in Scope 1 & 2 emissions due to the completion of energy saving initiatives undertaken in 2021 & 2022. Our Scope 1 emissions were reduced as our petrol and diesel vehicles were replaced with Hybrid and EV's. Our new gas boiler to heat our premises is more efficient and we installed loft insulation which reduced our emissions from Natural Gas use. Scope 2 emissions also reduced as we replaced fluorescent tube lighting with LED units. This reduction was despite charging some Electric Vehicles at our head office location. Scope 3 emissions for this year included Business Travel by Air and Hotel stays. Scope 3 also showed a reduction from our baseline year although not as a result of any carbon reduction initiatives.

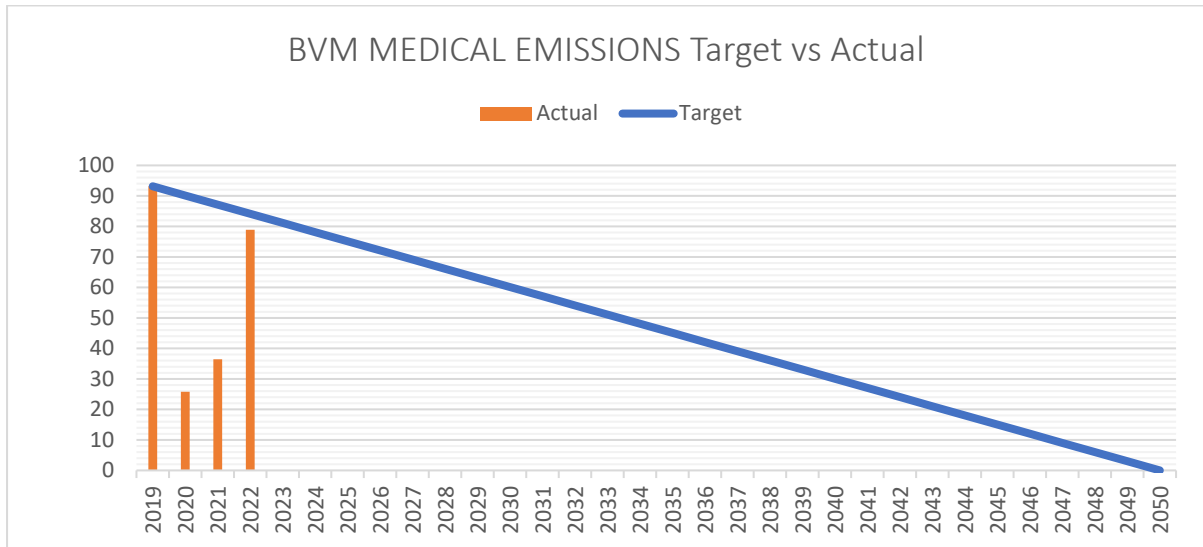
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	26.44
Scope 2	4.86
Scope 3 (Included Sources)	47.62 Business Travel (Air) 45.77 tCO <sub>2</sub> e, Hotel stay 1.85 tCO <sub>2</sub> e
Total Emissions	78.92 tCO <sub>2</sub> e

### Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to **67 tCO<sub>2</sub>e** by 2027. This is a reduction of **15%**

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



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

BVM Medical have completed the following environmental management measures and projects since the 2019 baseline. These initiatives have reduced our Scope 1 and 2 carbon emissions by **7.13 tCO<sub>2</sub>e**, a **18.55%** reduction against the 2019 baseline and the measures will be in effect when performing the contract.

1. Replacement of fifteen Petrol/Diesel vehicles with Hybrid/EV's
2. Installation of Loft insulation at our head office premises
3. Implementation of ISO14001:2015 Environmental Management System
4. Replacement of Gas Boiler and installation of new heating controls
5. Replacement of Fluorescent Tube lighting with LEDs throughout our offices.

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

1. Installation of Solar Panels at our head office premises.
2. Increased use of Rail Travel
3. Future replacement of Hybrid Vehicles with EV's with improvements to external infrastructure

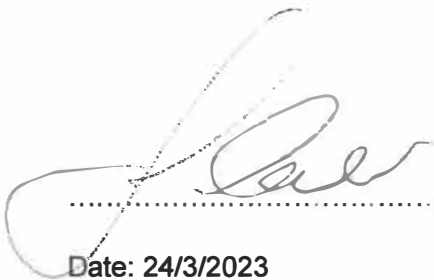
## Declaration and Sign Off

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<sup>4</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>5</sup>.

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<sup>6</sup>.

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



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Date: 24/3/2023

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<sup>4</sup><https://ghgprotocol.org/corporate-standard>

<sup>5</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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