

## Carbon Reduction Plan

Supplier name: Vascutek Limited (Trading as Terumo Aortic)

Publication date: 27<sup>th</sup> March 2025

### Commitment to achieving Net Zero

Vascutek limited is committed to achieving Net Zero emissions by 2040.

### 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: 2021/22</b>
<b>Additional Details relating to the Baseline Emissions calculations.</b>
<p>The baseline year selected aligns with organisation's financial year from April 2021 to March 2022 is the organisation's first carbon footprint. It is considered to be representative for future comparisons. The carbon footprint includes the scope 1 and 2 emissions and the required scope 3 categories aligning with PPN 06/21.</p> <ul style="list-style-type: none"><li>Upstream and downstream transportation and distribution emissions (categories 4 and 9) are calculated with a spend-based methodology and include global emissions. Upstream emissions include the transportation and distribution of inbound goods to our facilities and outbound transportation and distribution where we pay for the delivery to our customers in the UK and internationally. In relation to downstream transportation and distribution, these emissions are from transportation and distribution where it was paid for by others, outbound from our facility. Where our products are sold internationally, emissions are included up to the point of delivery to the international distributor. Emissions downstream of non-UK distributors are currently not included due to the unavailability of suitable data. Where our products are sold as intermediate products to original equipment manufacturers (OEM), emissions are included up to the point of delivery to the OEM.</li><li>Emissions from waste generated in operations (Category 5) includes solid waste and wastewater disposal.</li></ul>

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<ul style="list-style-type: none"> <li>Emissions from business travel (Category 6) are quantified on a global basis. They are calculated with a distance-based method where this data is available (e.g. employee mileage claims) and a spend-based method when other modes of transport were used.</li> <li>Emissions from employee commuting (Category 7) have been calculated based on the number of employees and national average commuting statistics. It is expected that ongoing engagement with suppliers will lead to improved quality of data and build maturity of the calculation methods in future years. As such, the baseline may be re-calculated to adjust for such changes.</li> </ul>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>914.0</b>
<b>Scope 2</b>	<b>1,174.5 (Location-Based); 18.0 (Market-Based)</b>
<b>Scope 3 (Included Sources)</b>	<b>Included Sources Total: 1775.0</b> Category 4 (Upstream transportation and distribution): 757.7 Category 5 (Waste generated in operations): 14.3 Category 6 (Business travel): 302.0 Category 7 (Employee Commuting): 636.0 Category 9 (Downstream Transport and Distribution): 65.0
<b>Total Emissions</b>	<b>3863.5 (Location-Based); 2707.0 (Market-Based)</b>

### Current Emissions Reporting

<b>Reporting Year: 2023/24</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>1015.8</b>

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<b>Scope 2</b>	<b>1191.8 (Location-Based); 0 (Market-Based)</b>
<b>Scope 3 (Included Sources)</b>	<b>Included Sources Total: 2562.7</b>  Category 4 (Upstream transportation and distribution): 994.0 Category 5 (Waste generated in operations): 10.7 Category 6 (Business travel): 853.9 Category 7 (Employee Commuting): 636.0 Category 9 (Downstream Transport and Distribution): 68.1
<b>Total Emissions</b>	<b>4770.3 (Location-Based); 3407.0 (Market-Based)</b>

Current emissions reporting uses the same period as the baseline as this uses the data from the most recent financial year with data available. Subsequent updates will evaluate the carbon footprint on an annual basis using data aligned to future financial reporting years.

### Emissions reduction targets

In March 2022 Terumo Global announced the following targets:

Scope 1 and 2

- Reduce absolute GHG emissions 50% by 2030 from a 2018 base year
- Increase a ratio of renewable electricity use up to 50% by 2030
- Achieve carbon neutrality by 2040

Scope 3

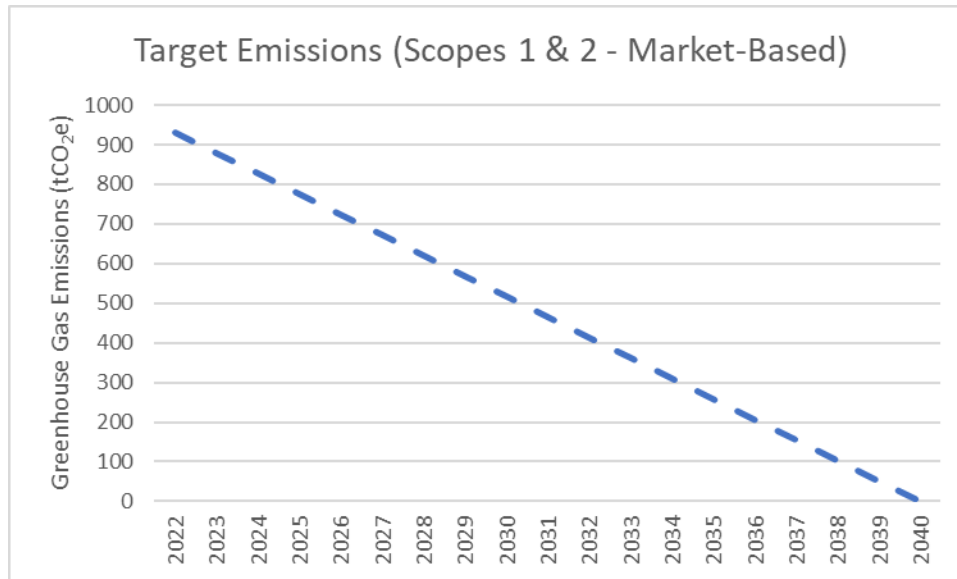
- Reduce GHG emissions 60% per unit of revenue by 2030 from a 2018 base year

Vascutek Ltd is part of the Terumo Global group and has adopted these targets in-line with group requirements.

As the baseline year for the Vascutek Limited carbon footprint was developed for the 2021/22 financial year, we will measure progress against 2021/22 performance.

Carbon reduction progress will be measured against the graph below:

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### Carbon Reduction Projects

#### 1.1. Completed Carbon Reduction Initiatives

Vascutek Limited currently operates an environmental management system certified to ISO 14001 and the Global Terumo Corporation has adopted SBTi targets for emissions reductions. These targets have been adopted by Vascutek Limited and details are included in the previous section of this carbon reduction plan.

Measures to reduce greenhouse gas emissions taken to date include the phased adoption of more energy efficient equipment throughout our facilities such as:

- High efficiency LED lighting, high efficiency electric motors, Site Wide Sub-Metering System Connected to a BMS, PIR Control to AC units in Building 10 Meeting Rooms, Reduce Setpoint Temperature of Heaters in Building 11, Sensor bathroom taps and removing Engineering office downstream radiators.
- The organisation predominantly purchases electricity through the national grid with zero carbon supply contracts and this is reflected in the market-based scope 2 emissions reported above. A policy decision has also been made not to introduce any additional natural gas-fired boiler equipment at our production facilities for any new developments.

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

- Replacement of existing natural gas space heating systems with air source heat pumps;
- Replacement of existing natural gas steam generators with electric steam generators;
- Installation of on-site renewable electricity generation for our operations through installing solar photovoltaic panels;

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- Implement a phased approach to replacing existing fossil-fuelled company fleet vehicles with electric vehicles; and
- Rationalisation of building space to avoid unnecessary energy consumption.

There are currently plans to increase the production capabilities of our UK operations. This facility is designed without introducing new fossil fuelled boiler equipment. As part of the redesign the company will review the baseline year and reline to 2024 data due to the amount of restructure within the company.

As decarbonisation technology develops, consideration will also be given to any new opportunities that become apparent.

We will also work with our parent company and supply chain to develop data collection in relation to scope 3 emissions, as well as working to reduce these emissions in-line with our targets.

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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 standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</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>3</sup>.

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

Signed on behalf of Vascutek Ltd:



PRESIDENT & CHIEF EXECUTIVE OFFICER

Date: 27 March 2025

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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