

## Carbon Reduction Plan

Supplier name: Terumo BCT, Inc.  
 Publication date: April 2024

### Commitment to achieving Net Zero

Terumo BCT, Inc. (Terumo BCT) is committed to achieving net zero greenhouse gas (GHG) emissions in its UK operations by 2050.

### Baseline Emissions Footprint

Baseline emissions are a record of the GHGs that have been produced in the past, prior to the introduction of any strategies to reduce these emissions. Baseline emissions are the reference point against which our GHG emissions reduction can be measured.

<p><b>Baseline Year: FY18</b></p> <p>The baseline year matches that of our parent company, the Terumo Corporation, and aligns with the organization's financial year from April 2018 to March 2019. The baseline carbon footprint includes global scope 1, scope 2, and all scope 3 emissions categories.</p> <p>Scope 1 and 2 data includes the Terumo BCT manufacturing sites in operation globally in FY18, including the UK. As we did not have a process for measuring scope 3 emissions for Terumo BCT in FY18, scope 3 baseline data is estimated by applying a revenue allocation to our parent company's global scope 3 emissions, including those in the UK.</p>	
<b>Baseline GHG Emissions</b>	<b>Total (tCO2)</b>
Scope 1	5,454 (UK – 1,682)
Scope 2	27,792 (UK – 3,017)
Scope 3	204,741 Includes all scope 3 emissions categories. UK specific scope 3 data not available.
<b>Total</b>	<b>237,987</b>

## Current Year GHG Emissions

<b>Reporting Year: FY22</b>	
<p>Scope 1 and 2 data includes the Terumo BCT manufacturing sites in operation globally in FY22, including the UK. As we are still enhancing our processes for measuring scope 3 emissions for Terumo BCT, this data is estimated by applying a revenue allocation to our parent company's global scope 3 emissions, including those in the UK.</p> <p>Our global GHG emissions have increased as our business has grown, including the opening of new factories in Colorado and Costa Rica.</p>	
<b>FY22 GHG Emissions</b>	<b>Total (tCO2)</b>
Scope 1	7,678 (UK – 2,067)
Scope 2	36,387 (UK – 567)
Scope 3	249,611 Includes all scope 3 emissions categories UK – 359 (only includes categories 4,5,6,7,9)
<b>Total</b>	<b>293,676</b>

## Emissions reduction targets

The Terumo Corporation has adopted ambitious GHG reduction goals, [validated by the Science Based Targets Initiative \(SBTi\)](#). As part of the Terumo Corporation, Terumo BCT has adopted these targets, and they apply to our global operations in line with groupwide requirements. In addition, we aim to achieve net zero emissions for our UK operations by 2050.

### Scope 1 and 2

- Reduce absolute GHG emissions by 50% by 2030 from a 2018 base year.
- Increase the ratio of renewable electricity use to 50% by 2030.
- Achieve carbon neutrality by 2040 (scope 3 not included in this carbon neutrality deadline).

### Scope 3

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

## Carbon Reduction Projects

### *Completed Carbon Reduction Initiatives*

Over the years our manufacturing sites have taken several steps to reduce energy consumption and GHG emissions. These efforts include the adoption of more efficient equipment and processes and sourcing renewable electricity.

For example, our facility in Larne, Northern Ireland, has replaced most of its lighting with LED, introduced several electric vehicle (EV) charging points, replaced motors, and optimized process running conditions. In 2023, the site underwent an energy audit, which identified several projects for consideration. These include an improved program for tracking energy management, installation of motion sensors for air conditioning, replacement of older HVAC units, additional motor replacements, solar energy installations and green energy contracts.

In the U.S., our Lakewood and Littleton (Colorado) sites are in the advanced stages of implementing ISO 50001 Energy Management Systems to enable continuous improvements in energy efficiency. Our Lakewood facility has installed LED lighting in its cleanrooms and, for more than a decade, has had an onsite rooftop solar system that provides clean energy to the local grid. We also recently completed the migration of some of our manufacturing capacity from Lakewood to our new factory in Costa Rica. In addition to benefitting from modern design and equipment in this factory, Costa Rica's electricity grid is powered by almost 100% renewable sources, reducing emissions associated with electricity consumption.

In Vietnam, our factory has completed several projects, including the installation of high-efficiency boilers, chiller optimization, and limiting lighting and HVAC in some areas when not in use. In 2024, the site will also complete the installation of a rooftop-solar system to power some of its own electricity demand.

For scope 3 emissions, we have made significant progress in shifting our supply chains closer to our manufacturing facilities and key markets. This has not only supported business continuity and supply chain resiliency but also reduced the associated transport emissions. From a product perspective, our Rika Plasma Donation System has about a third less packaging than competing systems and significantly reduces the average plasma collection time by approximately a third, increasing efficiency.

### *Potential Future Carbon Reduction Initiatives*

In the future, we hope to implement further measures to reduce scope 1 and 2 GHG emissions, which may include:

- Conducting site energy audits and energy management systems
- Retrofitting chiller and HVAC systems to reduce energy consumption
- Installing electricity sub-meters to enhance measurement
- Generating renewable energy onsite
- Purchasing country-specific Energy Attribute Certificates (EACs)/Renewable Energy Certificates (RECs)

We're also working to reduce emissions along our value chain (scope 3). Our parent company, the Terumo Corporation, has established and applied its proprietary Human x Eco Development Guidelines, a set of guidelines for developing products that are friendly to people and the environment. By adhering to these guidelines, we aim to reduce resource use in our products and packaging and to improve transportation efficiency. We will also continue efforts to reduce emissions associated with our inbound and outbound logistics and shift to more eco-friendly modes of transportation of products.

### **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 the Supplier:*

A handwritten signature in black ink that reads "Antoinette Gawin". The signature is written in a cursive, flowing style.

**Antoinette Gawin**  
**President and Chief Executive Officer**

**Date:** April 9, 2024