

Carbon Reduction Plan

Supplier name: Prowa Medical Instruments

Publication date: June 30, 2024

Overview

In 2019, the UK Government amended the Climate Change Act 2008 to include a 'Net Zero' target, aiming for a minimum 100% reduction in the net UK carbon account (greenhouse gas emissions compared to 1990 levels) by 2050. This target is a cornerstone of UK climate policy, reflecting commitments to mitigate climate change impacts.

Action Note PPN 06/21, titled 'Procurement Policy Note – Taking Account of Carbon Reduction Plans in the procurement of major government contracts,' outlines guidelines for integrating suppliers' Net Zero Carbon Reduction Plans into the procurement process for major government contracts.

This Carbon Reduction Plan from Prowa Medical Instruments demonstrates our adherence to Action Note PPN 06/21 and outlines our carbon reduction performance for the year 2023.

Commitment to achieving Net Zero

Prowa Medical Instruments 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: 2023
Additional Details relating to the Baseline Emissions calculations.
Our emissions data is reported in accordance with the GHGP Corporate Accounting and Reporting Standard using the 'Operational Control' approach. Scope 2 emissions are calculated using the GHGP market-based methodology. In cases where market-based information is unavailable, location-based results are used as a proxy. Scope 3 emissions are primarily calculated using a spend-based approach, aligning with the GHGP Corporate Value Chain (Scope 3) Accounting and Reporting Standard. The spend-based calculation does not include

inflation adjustments.

The following categories are reported as Scope 3 emissions:

- Category 4: Upstream transportation and distribution
- Category 5: Waste generated in operations
- Category 6: Business travel
- Category 7: Employee commuting
- Category 9: Downstream transportation and distribution

2023 has been established as our baseline year for emissions reporting. Prior to this, no emissions data specific to the UK market was published.

Baseline year emissions: 2023

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	190
Scope 2	140
Scope 3 (Included Sources)	88
Total Emissions	418

Current Emissions Reporting (same as above)

Reporting Year: 2023	
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Emissions Reduction Targets

We project that carbon emissions will decrease over the next five years to **292 tCO2e** by **2030**. This is a reduction of **30%**.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline.

- Prowa Medical Instruments, certified with ISO 14001 for Environmental Management and ISO 45001 for Occupational Health and Safety.
- Adoption of energy-efficient technologies and practices in production processes, including upgrading to LED lighting and optimizing HVAC systems.
- Integration of renewable energy sources such as solar panels on company premises to reduce reliance on fossil fuels.
- Implementation of a comprehensive waste management and recycling program to minimize environmental impact and promote circular economy principles.
- Optimization of transportation logistics to reduce emissions across the supply chain, collaborating with eco-conscious suppliers and promoting sustainable procurement practices.

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

- Increase solar panel capacity, explore wind or biomass options.
- Retrofit equipment with energy-efficient technologies, optimize HVAC and machinery operations.
- Prioritize suppliers with strong environmental credentials, reduce emissions from purchased goods.
- Implement training on energy conservation, waste reduction, and sustainability.
- Invest in certified carbon credits, support reforestation projects.

- Analyze product lifecycle for emissions reduction opportunities.

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 one of the partners of company on June 27, 2024.

Signed on behalf of

Prowa Medical Instruments

Name: Numan Waheed, Partner

Date: June 27, 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>