

Carbon Reduction Plan Template

Supplier name: Fairmont Medical Products Pty Ltd

Publication date: May 2023

Commitment to achieving Net Zero

Fairmont Medical 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.

As Fairmont Medical embarks on its journey towards sustainability, it's important to note that this is the first time the company is assessing and reporting its carbon emissions. Until now, the company has not had a formal process for measuring its carbon footprint or setting targets for emissions reduction. However, recognizing the critical role that businesses play in addressing climate change, Fairmont Medical is committed to acting. The company is now in the process of calculating its baseline emissions, which will serve as the starting point for setting realistic but ambitious emissions reduction targets. This marks a significant step in Fairmont Medical's commitment to environmental stewardship and sustainability, and the company looks forward to sharing its progress in the years to come.

Disclaimer: The values calculated from on-site activity are not yet third party assured. The data is estimated and taken from the following:

- Electricity bills
- Water supply
- Water treatment
- Fuel used in company-owned vehicles.
- Employee passenger travel
- Waste disposable/recycling
- Cardboard Recycling

These emission conversion factors are for use by UK and international organisations to report on 2021 greenhouse gas emissions.

Fairmont Medical Products Limited is fully owned by its parent company, Fairmont Medical Pty Ltd.

Fairmont Medical will be using 'Baseline year emissions' as a starting point to reduce carbon emissions. The 'Baseline year emissions' equates to 'Current year emissions' reporting.

The below measurements have been referenced from 'UK Government GHG Conversion Factors for Company Reporting'.

Scope 1

- Electricity Use (Australian Consumption – Manufacturing site)
- Natural Gas Use (Australian Consumption – Manufacturing site)
- Fuel Used in Company Owned Vehicles (Australian Use)

Scope 2

- Electricity Use (UK Consumption – Sales Operation)
- Business Travel (UK Accommodation – Local Travel)

Scope 3

- Water Supply (Australian Consumption – Manufacturing Site)
- Water Treatment (Australia – Manufacturing Site)
- Water Disposable/Recycling (Australia – Manufacturing Site)
- Carboard Recycling (Australia – Manufacturing Site)
- Employee Passenger Travel (International Travel)
- Distribution/Freight and Transport (Including transport of goods from Australia to UK and freight within UK)

Baseline year emissions: 2023

EMISSIONS	TOTAL (tCO₂e)
Scope 1	21,015
Scope 2	461
Scope 3	6,350

Total Emissions	27,826
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Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	21,015
Scope 2	461
Scope 3 (Included Sources)	6,350
Total Emissions	27,826

Emissions reduction targets

Scope 1:

- Implement energy efficiency measures such as solar panels to reduce electricity consumption at the manufacturing site in Australia.
- Explore opportunities to optimize fuel efficiency or transition company-owned vehicles to alternative fuel options or electric vehicles.
- Reduce waste in packaging products by using recycled cardboard for Fairmont Medical boxes.
- Re-design product packaging to appropriately fit products, eliminating dead space and reducing material waste.
- Explore options for using sustainable and recyclable materials in packaging products to further reduce waste and environmental impact.
- Continue to investigate biodegradable plastic PVC's that can be utilised in medical devices.
- Office initiatives such as installing sensors LED lights within the office.

Scope 2:

- Increase the percentage of renewable energy sources for electricity consumption at the sales operation in the UK.
- Encourage sustainable transportation options and reduce business travel to lower carbon emissions – for example car sharing, public transport such as trains/buses.

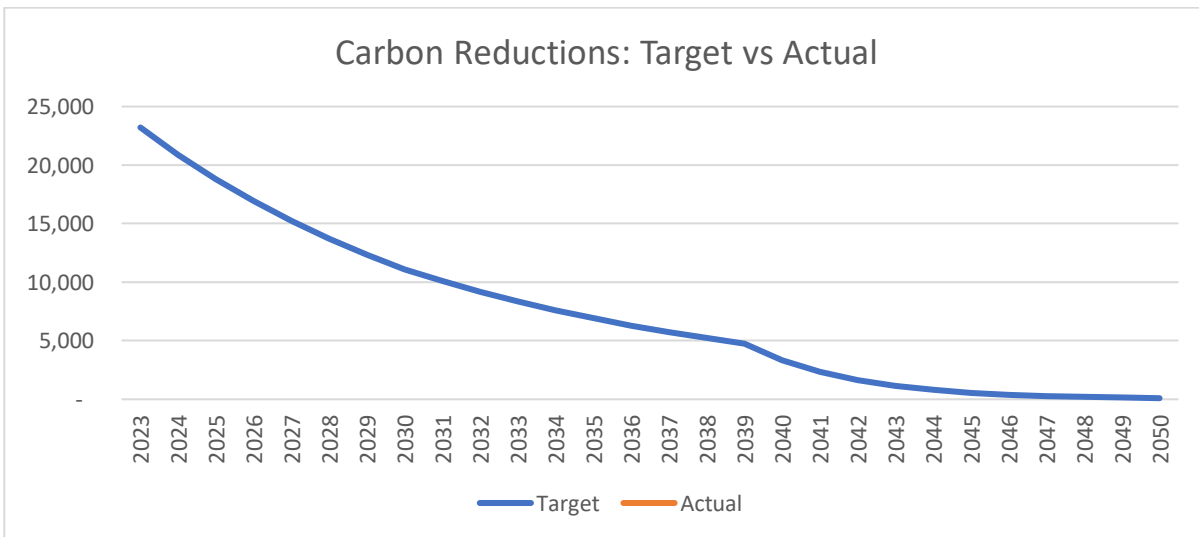
Scope 3:

- Implement water conservation measures at the manufacturing site in Australia to reduce water consumption.
- Explore opportunities to improve water treatment processes and reduce associated emissions.
- Investigate options to increase water recycling rates and reduce water disposal.
- Optimize cardboard recycling processes to minimize carbon emissions.
- Promote video conferencing and other alternatives to reduce international travel emissions and lower the percentage of employee passenger travel-related carbon emissions from international travel.
- Continue efforts to reduce face-to-face meetings and promote the use of train systems to reduce car travel emissions in the UK.

These targets aim to address carbon emissions across different scopes and areas identified, helping Fairmont Medical move towards achieving "net-zero" carbon emissions and contribute to the NHS's goal of carbon neutrality by 2050.

We project that carbon emissions will decrease over the next five years to 15,230.34 tCO₂e by 2027. This is a reduction of 10% per year.

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Fairmont Medical will continue to monitor, measure, and reduce against introduced carbon reduction projects.

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

- Implement energy-efficient technologies and equipment to reduce energy consumption.
- Conduct regular energy audits to identify areas for improvement and implement energy-saving measures.
- Optimize production processes to minimize energy waste and improve overall efficiency.
- Increase the use of renewable energy sources such as solar, wind, or hydroelectric power for manufacturing operations.
- Install on-site renewable energy generation systems, such as solar panels or wind turbines, to offset electricity consumption.
- Collaborate with suppliers to reduce carbon emissions throughout the supply chain.
- Encourage suppliers to adopt sustainable practices and reduce their own carbon footprint.
- Prioritize local sourcing and reduce transportation distances to lower emissions from logistics.
- Implement waste management strategies to minimize waste generation.
- Optimize recycling and reuse processes to reduce the amount of waste sent to landfills.
- Explore innovative solutions, such as closed-loop systems, to promote circular economy principles.
- Incorporate sustainability considerations into product design, aiming for products that are energy-efficient, durable, and recyclable.
- Use environmentally friendly materials and minimize the use of hazardous substances.
- Employee Engagement and Training:
 - Raise awareness among employees about the importance of reducing carbon emissions and involve them in sustainability initiatives.
 - Provide training programs to enhance employees' knowledge of sustainable practices and encourage their active participation.
- Invest in certified carbon offset projects to compensate for unavoidable emissions.
- Support projects that promote renewable energy, reforestation, or energy efficiency in other sectors.

It's important for companies to regularly assess their carbon footprint, set ambitious reduction targets, and track progress over time. Collaboration with industry peers, government bodies, and environmental organizations can also foster knowledge sharing and accelerate the adoption of sustainable practices.

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

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

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:

A handwritten signature in black ink, consisting of a stylized initial 'R' followed by a horizontal line.

Date: 24/05/2023

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

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