



Carbon Reduction Plan For APR Medtech

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Our Commitment

APR Medtech is aiming to achieve Net Zero emissions by 2030.

What does Net Zero mean in practice?

To achieve Net Zero, we will be aiming to reduce emissions in line with the latest science-based targets (SBTs). SBTs are greenhouse gas reduction goals set by organisations, they are defined as “science-based” when they align with the scale of reductions required to limit global temperature increases to 1.5°C compared to pre-industrial temperatures. To achieve Net Zero under this scenario, we will need to reduce our absolute emissions by 90% from our baseline year.

What emissions are covered by our targets?

- Scope 1 emissions: direct greenhouse gas emissions that occur from sources owned or controlled by a company, such as emissions from the combustion of fuels in on-site boilers, furnaces, or vehicles.
- Scope 2 emissions: indirect greenhouse gas emissions that result from the generation of purchased electricity, steam or other forms of energy consumed by a company.*
- Scope 3 emissions: all other indirect greenhouse gas emissions that occur in an organisation’s value chain, including emissions from upstream and downstream activities.

*Purchased electricity emissions are measured and reported in two ways; the location-based method and the market-based method. The location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data), whilst the market-based method reflects emissions from the electricity that companies have purposefully chosen (or their lack of choice). A market-based method therefore takes into account the purchase of electricity via a verified renewable energy tariff. We have chosen to base our Net Zero target on a market-based methodology.

Our Carbon Footprint

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 and are the reference point against which emissions reduction can be measured. The emissions calculated for categories measured in our first reporting year will act as the baseline for those categories.

Baseline Year: 1 st April 2022 – 31 st March 2023	
We measured all scope 1, scope 2 and both upstream and downstream scope 3 emissions using the operational control approach. We reported emissions under the following scope 3 categories; purchased goods and services (including goods for resale), capital goods, fuel- and energy-related activities, waste generated in operations, business travel, commuting, upstream transportation and distribution and end-of-life of sold products.	
There were no emissions to report under upstream leased assets, downstream transportation and distribution, downstream leased assets, franchises or investments.	
Emissions	Total (tonnes CO ₂ e)
Scope 1	0
Scope 2	Market-based: 0 Location-based: 0
Scope 3 (subset)	317.6
Total Emissions	Market-based: 317.6 Location-based: 317.6

Carbon Intensity Metrics

Metric	Carbon Intensity
Tonnes of CO ₂ e per FTE	105.9
Kilograms of CO ₂ e per £1 of Revenue	0.269
Tonnes of CO ₂ e per 100 Orders	16.6

Current Emissions Reporting

Current Year: 1 st April 2023 – 31 st March 2024	
<p>We measured all scope 1, scope 2 and both upstream and downstream scope 3 emissions using the operational control approach. We reported emissions under the following scope 3 categories; purchased goods and services (including goods for resale), capital goods, fuel- and energy-related activities, waste generated in operations, business travel, commuting, upstream transportation and distribution and end-of-life of sold products.</p> <p>There were no emissions to report under upstream leased assets, downstream transportation and distribution, downstream leased assets, franchises or investments.</p>	
Emissions	Total (tonnes CO ₂ e)
Scope 1	0
Scope 2	Market-based: 0 Location-based: 0
Scope 3 (subset)	467.8
Total Emissions	Market-based: 467.8 Location-based: 467.8

Carbon Intensity Metrics

Metric	Carbon Intensity
Tonnes of CO ₂ e per FTE	155.9
Kilograms of CO ₂ e per £1 of Revenue	0.272
Tonnes of CO ₂ e per 100 Orders	20.3

Carbon Emissions Breakdown

Category	2023 Emissions	2024 Emissions	% Change
Goods for Resale	267.0	425.0	+ 59%
Downstream Product Emissions	15.4	16.9	+ 10%
Admin Costs	6.0	13.2	+ 120%
Business Travel	4.9	5.2	+ 7%
Distribution	19.6	4.5	- 77%
Indirect Energy Emissions	2.7	1.4	- 46%
Waste	0.7	0.8	+ 14%
Commuting & Homeworking	0.7	0.7	- 7%
Capital Goods	0.7	0.2	- 77%
Total	317.6	467.8	+ 47%

Our procurement emissions (Goods for Resale, Admin Costs and Capital Goods), increased as a result of an increase in overall spending. Our spending on capital goods decreased by 76%, but our admin costs and goods for resale costs increased by 62% and 70%. Business Travel mileage decreased, but we saw a small increase in emissions as we were able to report more of our activities than in previous years. The transportation of goods (Distribution) is the area in which we saw the largest decrease, this is due to one of our suppliers now shipping goods from the Netherlands as opposed to from China, and us ceasing to work with another supplier based in Korea. We also reduced the number of shipments from our French supplier, orders are now sent in larger batches, less regularly. Our indirect energy emission decrease can be tied to this decrease in distribution emissions. Our waste emissions increased as a result of a great number of orders being processed by our logistics company and therefore a greater waste disposal cost. Our homeworking emissions decreased as one employee is now working from a coworking space with the associated emissions captured in Admin Costs), this did not lead to an increase in commuting emissions as the employee walks to the space.

Carbon Reduction

Our targets

APR Medtech is aiming to achieve Net Zero by 2030, which will involve reducing emissions by 90% from the base year.

Progress

Emissions	Total Carbon Footprint (tonnes CO ₂ e)		% Change
	Baseline year: 2022-2023	Current year: 2023-2024	
Scope 1	0	0	N/A
Scope 2	0	0	N/A
Scope 3	317.6	467.8	+ 47%

Metric	2023 Carbon Intensity	2024 Carbon Intensity	% Change
Tonnes of CO ₂ e per FTE	105.9	155.9	+ 47%
Kilograms of CO ₂ e per £1 of Revenue	0.269	0.272	+ 1%
Tonnes of CO ₂ e per 100 Orders	16.6	20.3	+ 22%

Our emissions have increased by 47% from the previous year. We have reduced emissions relating to distribution by working with our suppliers, but have seen significant increases in the estimated emissions when it comes to the procurement of the goods themselves. As we are still using spend-based factors to measure these emissions, we are unlikely to see any reduction unless our costs decrease. We will work closely with our suppliers to collect actual emissions data so that we can see reductions in our footprint where our suppliers are working towards their own targets.

Completed Carbon Reduction Initiatives

The following emissions management measures and projects have been completed or implemented.

Activity	Completion Date	Scope
<p>Commit to measuring the carbon footprint of business activities year on year to gain an understanding of pinch points and to inform carbon reduction planning.</p> <p>Appoint Positive Planet to support with calculating baseline carbon footprint and reduction recommendations.</p>	2020	1, 2 & 3
<p>Share measurement results and carbon reduction plans with colleagues to involve them in reduction actions. Share sustainability-focused resources and knowledge with the team and create a collaborative environment for action planning.</p>	2020	1, 2 & 3
<p>Support staff to work from home to remove the need for a site and the associated utility emissions and to reduce emissions from daily commuting.</p>	2020	1, 2 & 3
<p>Work with suppliers to condense orders and reduce the number of shipments, reducing our distribution-related emissions.</p>	2024	3
<p>Our Operations Director, Nick, switched to a hybrid vehicle from a petrol vehicle, reducing business travel emissions.</p>	2024	3

Future Carbon Reduction Plans

We are committing to action the following emissions management measures and projects in line with our Net Zero targets.

Activity No.	Activity	Target Date	Category
1	<p>Continue to work with suppliers to progress supply chain decarbonisation and data availability.</p> <p>We have already received some ESG information from one of our suppliers and will continue to collect information as it becomes available.</p> <p>We will request details regarding the following from any new suppliers/annually from current suppliers; carbon reduction targets set, carbon emissions measured and carbon reduction initiatives that are planned/underway.</p>	Ongoing	Goods and Services
2	<p>Create a product inventory that includes data regarding the weight of equipment and packaging separately. It will be assumed (in accordance with the NHS waste disposal campaign) that packaging will be recycled and as recycling has lower associated emissions per tonne than High Temperature Incineration (HTI), the end-of-life treatment of sold product emissions will be reduced.</p>	2025	End-of-life Treatment of Sold Products
3	<p>Contact shipping broker to discuss sustainable alternatives to current shipping methods e.g. opting to invest in the use of sustainable aviation fuel or sea/rail transportation where possible. Ask the broker to check for a DHL sustainability report specific to APR Medtech.</p>	2025	Upstream Transportation and Distribution
4	<p>Closely monitor sales to condense and reduce shipments where possible.</p>	Ongoing	Upstream Transportation and Distribution


5	Continue to investigate opportunities for employee vehicle upgrades to hybrid/electric. Current barriers include cost and charging facilities but we are committed to helping staff to upgrade to electric vehicles as soon as this is feasible.	Ongoing	Business Travel
6	Use a survey to collect data surrounding energy use in the home to improve homeworking calculations in future measurements. Collect information surrounding electricity tariffs, whether gas heating is used in the home, etc (where employees are happy to share).	2025	Homeworking

Declaration and Sign-off

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.

This Carbon Management Plan has been reviewed and approved by the APR Medtech Executive Team.

Signed on behalf of APR Medtech:



Name: NICK ASHFORTH

Position: DIRECTOR

Date: 23RD JULY 2024

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

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