

Carbon Reduction Plan Template

Supplier name: Atom Medical Corporation UK Ltd

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Atom Medical Corporation EU Office represents Atom Medical Corporation, a Japanese company who manufactures, distributes, exports and imports medical equipment (obstetric and gynaecological equipment, equipment for neonates and infants, infusion equipment, respiratory apparatus, equipment for nursing wards, and disposable medical products), and oversees and supports the sales in Europe through a network of distributors.

Commitment to achieving Net Zero

Atom Medical Corporation EU Office 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.

Atom Medical Corporation EU Office has assessed its greenhouse gas (GHG) emissions in accordance with The Greenhouse Gas Protocol – Corporate Accounting and Reporting Standard using emissions factors from UK Conversion factors and international electricity emissions factor.

Baseline Year: October 2022 to September 2023
Additional Details relating to the Baseline Emissions calculations.
<i>This is the first time Atom Medical Corporation EU Office has assessed the emissions; hence the baseline and current year are the same. The reporting boundary includes Atom Medical Corporation's Europe operations, which includes UK. The UK operations are a very small part of the overall operations; hence the overall operations are included here. The operational control to boundary setting has been adopted and Scope 3 emissions categories mentioned in PPN 06/21 guidance are included.</i>
<i>The reported baseline emissions refer to the entire European organization, Atom Medical Corporation EU Office, as Atom Medical Corporation UK Ltd, who is just acting as UK Rep for the manufacturer, would have had no Scope 1 or Scope 2 emissions of its own to report.</i>
Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	12.253
Scope 2	0.962
Scope 3 (Included Sources)	17.058 Upstream transportation & distribution – 0.186 Waste generated in operations – 0.005 Business Travel – 11.834 Employee Commute – 0.684 Fuel & Energy related activities – 4.350
Total Emissions	30.274

Current Emissions Reporting

Reporting Year: October 2023 to September 2024	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	10.078
Scope 2	1.150
Scope 3 (Included Sources)	17.594 Upstream transportation & distribution – 0.037 Waste generated in operations – 0.001 Business Travel – 12.982 Employee Commute – 0.390 Fuel & Energy related activities – 4.184
Total Emissions	28.822

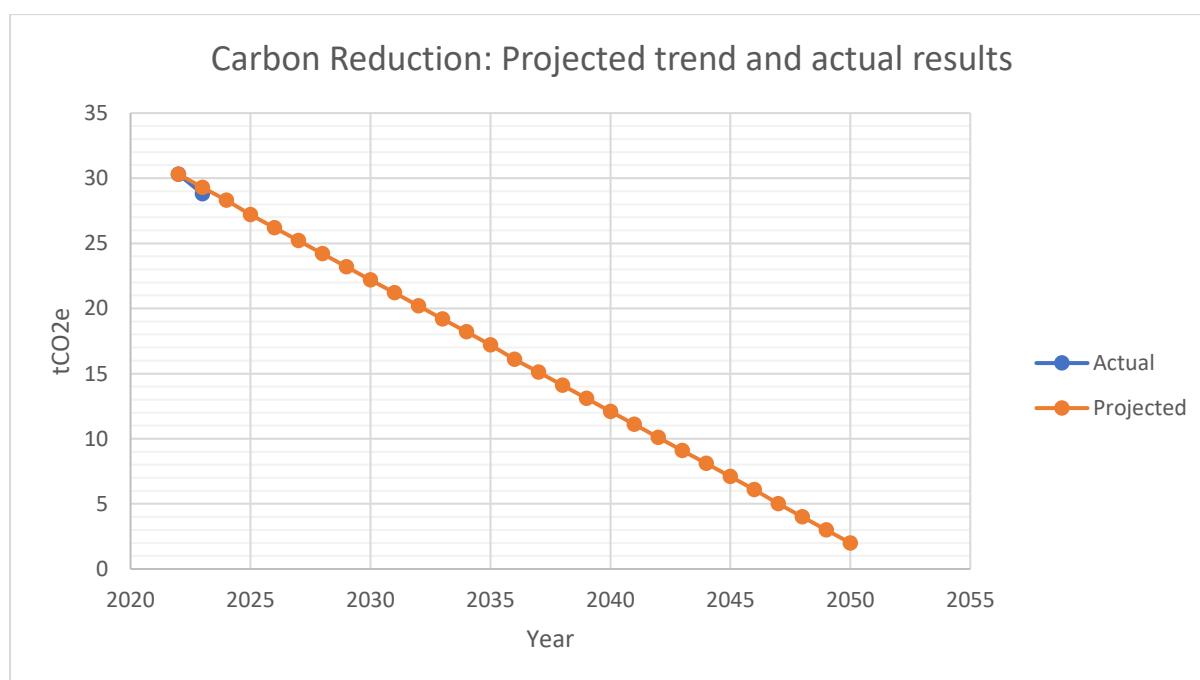
Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

1. Optimise business travel including flights and hotel stays.
2. Transition to electric vehicles at the end of the existing lease.
3. Source electricity from renewable sources at the end of existing contract.

We project that carbon emissions will decrease over the next five years to 24.5 tCO₂e by 2028. This is a reduction of 18.5%

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



Atom Medical Corporation carbon reduction plan aims to reduce carbon emissions by 90% before offsetting the rest 10%.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction achieved by these

schemes equate to 1.452 tCO₂e, a 4.8%ge reduction against the 2023 baseline and the measures will be in effect when performing the contract

- Atom Medical Corporation EU Office has raised awareness among its employees about the need to become more sustainable.
- Atom Medical Corporation EU Office has adopted an effort to optimize business travel and employ alternative solutions, such as web conferences and videocalls, when possible.
- Atom Medical Corporation EU Office has started a cooperation with WOWnature, an initiative promoted by Etifor, an Italian certified B-Corp spin-off of the University of Padua, to capture and conserve the mass of CO₂ equivalent to our reported emissions of the first fiscal year October 2022 to September 2023 (30.33 tCO₂e) through ecosystemic services, such as reforestation or forest protection projects under the highest standards of responsible forest management. Annex D detailing such action (dated November 2024) is publicly available on the [FSC Certificates Public Dashboard](#) accessing the details of certificate number ICILA-FM/COC-004492. At the following URL it is possible to see some details about the supported projects: <https://www.wownature.eu/en/business/our-partners/atom-medical-corporation/>

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

- Atom Medical Corporation EU Office plans to switch to electric company cars at the expiration of the current leasing contracts.
- Atom Medical Corporation EU Office plans to seek electricity contracts with a higher percentage of renewable sources in the energy mix; this becomes particularly relevant, considering that, even though the electricity consumption of this reporting year was reduced compared to the baseline year (3,526 KWh against 3,903 KWh), the resulting emissions were higher (1.150 tCO₂e against 0.962 tCO₂e).
- Continuation of our cooperation with WOWnature to capture and conserve through ecosystemic services, such as reforestation or forest protection projects the total CO₂e emissions related to our baseline year, which exceeds the emissions of the current reporting year. We will consider, when possible, supporting projects also in other European countries outside Italy, to have a more shared distribution of the benefits of this action over our covered markets
- Raise awareness and involve our Japanese Headquarter in the challenge to reduce emissions globally in the future.

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

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

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

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, appearing to be 'S B' followed by a stylized flourish.

.....

Date: 10th January 2025

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

Carbon footprint report for Atom Medical

01 October 2023 to 30 September 2024

Atom Medical emitted 11,228 kgCO₂e (Kilogrammes of carbon dioxide equivalent) for 2023/24 (across scope 1 and 2). This can be presented as 11 tCO₂e (tonnes of carbon dioxide equivalent) with an intensity indicator of 2.25 tCO₂e per total full-time equivalent employee (FTE) and 18.61 tCO₂e per million GBP £.

When Scope 3 is added, this brings the total to 29 tCO₂e.

Table 1. UK GHG emissions and energy use data for period 01 October 2023 to 30 September 2024

Emissions source	Units	kWh	Carbon (kgCO ₂ e)	Carbon (tCO ₂ e)
Scope 1				
Natural gas	662 m3	6,616	1,353.23	1.35
Petrol	785 litre	7,038	1,635.61	1.64
Diesel	2,821 litre	27,905	7,089.11	7.09
R-410A	0 kg	-	0.00	0.00
Total Scope 1			10,078	10
Scope 2				
Grid electricity - Italy	3,526 kWh	3,526	1,149.83	1.15
Total Scope 1 & 2			11,228	11
Total tCO₂e per *FTE on gross scope 1 & 2				2.25
Total tCO₂e per *£m Turnover on gross scope 1 & 2				18.61

Emissions source	Units	kWh	Carbon (kgCO ₂ e)	Carbon (tCO ₂ e)
Scope 3				
Cat 03 - Fuel & energy related activities				
Transmission & distribution losses - T&D - Grid electricity - Italy	3,526 kWh		58.18	0.06
Well-to-tank (WTT) - Business travel - Flights - WTT - Flights - International, to/from non-UK - Economy class (RF)	37,382 km		619.05	0.62
Well-to-tank (WTT) - Business travel - Flights - WTT - Flights - International, to/from non-UK - Economy class (RF)	8,758 mile		233.41	0.23
Well-to-tank (WTT) - Business travel - Flights - WTT - Flights - Long-haul, to/from UK - Economy class (RF)	20,396 km		501.95	0.50
Well-to-tank (WTT) - Business travel - Flights - WTT - Flights - Short-haul, to/from UK - Economy class (RF)	1,104 mile		39.96	0.04
Well-to-tank (WTT) - Business travel - Passenger Vehicles - WTT - Battery Electric Vehicle - Small car	9,156 km		86.80	0.09

Well-to-tank (WTT) - Business travel - Passenger Vehicles - WTT - Petrol - Small car	5,913 km		237.41	0.24
Well-to-tank (WTT) - Business travel - Travel - WTT - Coach	172 km		1.13	0.00
Well-to-tank (WTT) - Business travel - Travel - WTT - International rail	2,141 km		2.50	0.00
Well-to-tank (WTT) - Business travel - Travel - WTT - Local bus (not London)	35 km		1.11	0.00
Well-to-tank (WTT) - Fuels - WTT - Diesel (average biofuel blend)	2,821 litre		1,723.79	1.72
Well-to-tank (WTT) - Fuels - WTT - Natural Gas (m3)	662 m3		222.69	0.22
Well-to-tank (WTT) - Fuels - WTT - Petrol (average biofuel blend)	785 litre		455.86	0.46
Cat 04 - Upstream transportation & distribution				
By spend - Postal and courier services	£290		37.13	0.04
Cat 05 - Waste disposal				
Commercial and industrial waste (Combustion)	1 kg		0.01	0.00
Cat 06 - Business Travel				
By mileage - Cars (by size) - Battery Electric - Small	36 km		1.54	0.00
By mileage - Cars (by size) - Petrol - Small	5,913 km	3,663.28	849.71	0.85
By mileage - Flights - with radiative forcing - International, to/from non-UK - Economy class	37,382 km		5,033.49	5.03
By mileage - Flights - with radiative forcing - International, to/from non-UK - Economy class	8,758 mile		1,897.84	1.90
By mileage - Flights - with radiative forcing - Long haul, to/from UK - Economy class	20,396 km		4,081.44	4.08
By mileage - Flights - with radiative forcing - Short-haul, to/from UK - Economy class	1,104 mile		324.91	0.32
By mileage - Public transport - Coach	172 km		4.66	0.00
By mileage - Public transport - International rail	2,141 km		9.55	0.01
By mileage - Public transport - Local bus (not London)	35 km		4.55	0.00
By spend - By SIC emissions intensity - Travel - Road Travel (H - Land transport services excluding rail transport)	£746		109.20	0.11
Hotel stay - France	5 Room per Night		33.50	0.03

Hotel stay - Germany	27 Room per Night		356.40	0.36
Hotel stay - Hungary	1 Room per Night		22.20	0.02
Hotel stay - Italy	1 Room per Night		14.30	0.01
Hotel stay - Netherlands	2 Room per Night		29.60	0.03
Hotel stay - Norway	2 Room per Night		0.00	0.00
Hotel stay - Poland	3 Room per Night		0.00	0.00
Hotel stay - Spain	5 Room per Night		35.00	0.04
Hotel stay - Sweden	4 Room per Night		70.40	0.07
Hotel stay - UK	10 Room per Night		104.00	0.10
Cat 07 - Employee Commuting				
Cars (by size) - Battery Electric - Small	9,120 km		390.70	0.39
Total Scope 3			17,594	18
Total Scope 1, 2 & 3			28,822	29
TotaltCO2e per*FTE on gross scope 1, 2 & 3				5.76
TotaltCO2e per*£m Turnover on gross scope 1, 2 & 3				47.77

Adjustments

*Notes: For 01 October 2023 to 30 September 2024 the number of Full-time equivalent employees (FTE) was 5 and the Turnover was GBP £603,393

Energy efficiency measures taken

- Atom Medical has...

Energy efficiency planned

Atom Medical plans to...

Notes about methodology:

- Atom Medical has adopted an operational control approach to establishing the boundary. The methodology adopted in line with the Greenhouse Gas Protocol¹ and the BEIS Environmental Reporting Guidelines². The calculations were completed on the SmartCarbon™ Calculator³ using the UK Government emissions factors⁴.
- CO₂e is the universal unit of measurement to indicate the global warming potential (GWP) of Greenhouse Gases (GHGs), expressed in terms of the GWP of one unit of carbon dioxide. There are seven main GHGs that contribute to climate change, as covered by the Kyoto Protocol: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). Different activities emit different gases. Using CO₂e allows all greenhouse gases to be measured on a like-for-like basis.
- For National grid electricity consumption, THE ORGANISATION has included factors for the transmission and distribution of electricity (T&D) losses, which occur between the power station and site(s). The emissions from T&D has been accounted for in Scope 3. As with other Scope 3 impacts, reporting T&D is voluntary but is recommended standard practice by UK Government².

Estimations:

- Client to add detail.

Exclusions:

- Client to add detail.

Definitions:

Carbon footprint - The total set of greenhouse gas emissions (GHG) caused directly and indirectly by an individual event, organisation, or product expressed as Carbon Dioxide Equivalent (CO₂e). (Source: Greenhouse Gas Protocol).

Scope 1 (direct emissions) emissions are those from activities owned or controlled by your organisation. Examples of Scope 1 emissions include emissions from combustion in owned or controlled boilers, furnaces and vehicles; and emissions from chemical production in owned or controlled process equipment.

Scope 2 (energy indirect) emissions are those released into the atmosphere that are associated with your consumption of purchased electricity, heat, steam and cooling. These indirect emissions are a consequence of your organisation's energy use, but occur at sources you do not own or control.

Scope 3 (other indirect) emissions are a consequence of your actions that occur at sources you do not own or control and are not classed as Scope 2 emissions. Examples of Scope 3 emissions are business travel by means not owned or controlled by your organisation, waste disposal, materials or fuels your organisation purchases. Deciding if emissions from a vehicle, office or factory that you use are Scope 1 or Scope 3 may depend on how you define your operational boundaries. Scope 3 emissions can be from activities that are upstream or downstream of your organisation. More information on Scope 3 and other aspects of reporting can be found in the Greenhouse Gas Protocol Corporate Standard.

References:

1. The GHG Protocol Corporate Accounting and Reporting Standard. Revised Edition (2015) World Resource Institute and World Business Council for Sustainable Development.
2. Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance (March 2019) UK Government Department for Business, Environment and Industrial Strategy.
3. [SmartCarbon Calculator: https://www.smartcarboncalculator.com/](https://www.smartcarboncalculator.com/)
4. Greenhouse gas reporting: conversion factors - Full set (for advanced users). More at this link: <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>