

# Carbon Reduction Plan Template

Supplier name: ...Matortho Ltd.....

Publication date: ..01.03.2023.....

## Commitment to achieving Net Zero

Matortho Ltd 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.

<b>Baseline Year:</b> 2022 (01/01/2022 to 31/12/2022)	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Emission data had not been published in prior years therefore we selected 2022 as our base year. The methodology for measuring our carbon footprint is in line with the Greenhouse Gas protocol and the BEIS Environmental Reporting Guidelines. The calculations were completed on the Clean Growth Carbon Calculator.	
<b>Baseline year emissions:</b> 2022 (01/01/2022 to 31/12/2022)	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	23.62
Scope 2	116.99
Scope 3	Scope 3 Total 171.12

**Forever Active**

(Included Sources)	Scope 3 Source breakdown <ul style="list-style-type: none"> <li>Upstream transportation &amp; distribution 13.01</li> <li>Waste generated in operations 3.93</li> <li>Business Travel 46.71</li> <li>Employee Commuting 50.80</li> <li>Contractor vehicle emissions 32.53</li> <li>Downstream transportation and distribution 19.52</li> </ul>
<b>Total Emissions</b>	311.73

## Current Emissions Reporting

Reporting Year: 2022(01/01/2022 to 31/12/2022)	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	23.62
Scope 2	116.99
<b>Scope 3</b> (Included Sources)	Scope 3 Total 171.12 Scope 3 source breakdown <ul style="list-style-type: none"> <li>Upstream transportation &amp; distribution 13.01</li> <li>Waste generated in operations 3.93</li> <li>Business Travel 46.71</li> <li>Employee Commuting 50.80</li> <li>Contractor vehicle emissions 32.53</li> <li>Downstream transportation and distribution 19.52</li> </ul>



<b>Total Emissions</b>	311.73
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## Emissions reduction targets

MatOrtho had no previous emissions reduction commitment.

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

MatOrtho is targeting a decrease in carbon emissions over the next five years to 264.96 tCO<sub>2</sub>e by 2027. This is a reduction of 15%.

It is envisaged that carbon offsetting or technology such as carbon capture and storage will be deployed to help achieve the difference between actual and net zero carbon.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these scheme initiatives equates to 16.732 tCO<sub>2</sub>e, a 5.37% reduction against the 2022 baseline and the measures will be in effect when performing the contract.

Since undertaking the 2022 baseline assessment, MatOrtho, has put in place the following environmental management measures and projects which will be carried out over 2023. The company is targeting to achieve a reduction of 16.73 tCO<sub>2</sub>e, or, 5.4% against the 2022 baseline. Planned projects for 2023 include investment in upgrading the infrastructure within the company and the replacement of old equipment. The following projects have been approved by the Board and will be undertaken over the next 12 month period.

- Work to improve the accuracy of carbon reduction reporting;
- All fluorescent lighting will be replaced with LED lighting. Lighting in office areas will be controlled by motion sensors so lights are only on when needed. Saving an estimated 3.92 tCO<sub>2</sub>e.
- The replacement of two old production machines with a new more energy efficient machine. This should generate a reduction in power consumption and the consumables used. Estimated saving 1.1 tCO<sub>2</sub>e.
- An upgrade to air compressors at both of manufacturing sites will be replaced for newer more efficient machines. Estimated saving 11.712 tCO<sub>2</sub>e.
- Training for the ISO14001 certification has taken place. Full accreditation is expected in 2024.

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

- Reduction in business travel.
- Work with customers and suppliers to reduce number of shipments made.
- Purchase 100% renewable energy.
- Encourage staff to use low carbon transport methods such as walking, cycling public transport and car sharing.

## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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:



Date: ...23/3/23.....

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

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

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