

Publication date: 31 March 2023

Version: nhscrp202303.01

Commitment to achieving Net Zero

Beagle Orthopaedic Ltd is committed to achieving Net Zero emissions by 2050. We will look to reduce our carbon footprint in phases leading up to this in accordance of the requirements of PPN 06/21.

Baseline Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
Any updated data will be added and a subsequent updated version will be applied	
Baseline year emissions: 2023	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0
Scope 2	76.81
Scope 3 (Included Sources)	144.17
Total Emissions	220.98

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0
Scope 2	76.81
Scope 3 (Included Sources)	144.17
Total Emissions	220.98

Emissions reduction targets

We are classing 2023 as our baseline year as partial information was gathered in 2022 and 2023

We are currently expanding our building and introducing automation into our manufacturing department. Eventually this will assist in our carbon reduction but immediately we are predicting an increase due to initial energy requirements. Once set up correctly we will become more efficient in our manufacturing processes and systems

We will be mitigating and reducing this by various actions as we move forward with our carbon reduction plan. So our year one plan would be to maintain the carbon footprint in 2024 and from that point begin reduction consistently with the ultimate goal to become carbon neutral by 2050.

Our first target would be to achieve 10% - 15% reduction by 2027. We will be reporting planned versus actual reduction.

Carbon Reduction Projects

Completed and Ongoing Carbon Reduction Initiatives

We have introduced a reduced 4 day working week from 5 in our largest staffed department (Manufacturing)

This reduces the frequency of staff commuting to work and also reduces the energy requirement for the fifth day.

Where possible we allow for hybrid working arrangements. This also decreases employee travel.

Currently we have converted to LED lighting in the building to approximately 70%. In 2024 we plan to make this 100%

We have begun to introduce more efficient heating systems to move away from reliance on traditional gas boilers/radiators.

We continually try to source as much as possible from UK supply chains and will always look to do this

We utilise technology for meetings where possible in order to reduce unnecessary travel.

Future Carbon Reduction Initiatives

We will commit from 2024 to planting trees each year to help offset carbon footprint. The woodland trust estimate one tree will reduce one tonne of carbon throughout its lifespan.

Electric vehicles – Current use of company vehicles makes it difficult to transition to electric vehicles due to the limitations of driving range and charge time. We expect the driving range of electric vehicles to continue improving. So we plan to begin adoption of electric vehicles from 2023

We will be switching suppliers of waste disposal to a provider who is carbon neutral and zero to landfill.

Upon contract renewal we plan to utilise a provider who utilises renewable energy

We plan to register with the cycle to work scheme. This may encourage more staff to cycle into work.

We will be swapping out where possible older machinery for newer more energy efficient machines

We will explore the viability and carbon reduction benefits of receiving deliveries less frequently from suppliers

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 board of directors (or equivalent management body).

Signed on behalf of the Supplier:



Date 31st March 2023

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>