



Cabinet Office

CARBON REDUCTION PLAN GUIDANCE

Notes for Completion

Where an In-Scope Organisation has determined that the measure applies to the procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding supplier¹ and must meet the reporting requirements set out in supporting guidance, and include the supplier's current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The CRP should be specific to the bidding entity, or, provided certain criteria are met, may cover the bidding entity and its parent organisation. In order to ensure the CRP remains relevant, a Carbon Reduction Plan covering the bidding entity and its parent organisation is only permissible where the detailed requirements of the CRP are met in full, as set out in the Technical Standard² and Guidance³, and all of the following criteria are met:

- The bidding entity is wholly owned by the parent;
- The commitment to achieving net zero by 2050 for UK operations is set out in the CRP for the parent and is supported and adopted by the bidding entity, demonstrated by the inclusion in the CRP of a statement that this will apply to the bidding entity;
- The environmental measures set out are stated to be able to be applied by the bidding entity when performing the relevant contract; and
- The CRP is published on the bidding entity's website.

Bidding entities must take steps to ensure they have their own CRP as soon as reasonably practicable and should note that the ability to rely on a parent organisation's Carbon Reduction Plan may only be a temporary measure under this selection criterion.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier's UK website. It should be approved by a director (or equivalent senior leadership) within the supplier's organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.

A template for the Carbon Reduction Plan is set out below. Please complete and publish your Carbon Reduction Plan in accordance with the reporting standard published alongside this PPN.

¹Bidding supplier or 'bidding entity' means the organisation with whom the contracting authority will enter into a contract if it is successful.

²Technical Standard can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991625/PPN_0621_Technical_standard_for_the_Completion_of_Carbon_Reduction_Plans__2_.pdf

³Guidance can be found at:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/991623/Guidance_on_adopting_and_applying_PPN_06_21__Selection_Criteria__3_.pdf

Carbon Reduction Plan Template

Supplier name:LEDA ORTHOPAEDICS LIMITED

Publication date:31/03/23.....

Commitment to achieving Net Zero

LEDA ORTHOPAEDICS has made a commitment to achieving Net Zero greenhouse gas (GHG) emissions by or before the 2040 target set out in the standard Carbon Reduction Plan requirements for the public sector in the UK, with a goal of achieving net zero emissions by 2030. As part of our efforts, we have engaged Tunley Engineering as a third party to calculate our baseline carbon footprint for the year 2022. The calculations have been completed in accordance with ISO 14064-1 and follow the GHG protocol, using data collected by LEDA ORTHOPAEDICS.

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: 2022 – 1 st January 2022 to 31 st December 2022	
Additional Details relating to the Baseline Emissions calculations.	
LEDA ORTHOPAEDICS emissions were quantified for the first time using the year: 1 st January 2022 to 31 st December 2022 as the baseline. LEDA ORTHOPAEDICS plans to quantify their emissions on a yearly basis, adhering to Carbon Reduction Plan requirements for the public sector in the UK.	
Baseline year emissions: 260.76 tonnes CO ₂ e per annum (tCO ₂ e p.a.)	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	7.06 tCO₂e
Scope 2	2.48 tCO₂e
Scope 3 (Included Sources)	251.23 tCO₂e – sources: Transmission and Distribution of Electricity = 0.23

	Upstream Transportation= 156.06 Downstream Transportation= 10.31 Business Travel and Hotel Stays = 65.84 Contractor Commuting = 17.92 Waste Disposal = 0.73 Material Use = 0.08 Water Supply and Treatment = 0.05
Total Emissions	260.76 tonnes CO ₂ e per annum (tCO ₂ e p.a.)

Emissions reduction targets

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

- Move to a 100% renewable energy tariff in 2023, making a saving of 2.48 tCO₂e p.a. (Figure 1), ~1 % of the LEDA Orthopaedics' annual carbon footprint.
- Replace 50% of premium economy class flights with economy class by 2024. This will reduce emission by 5.07 tCO₂e p.a., a 3.81% reduction in the carbon footprint. This can also be implemented for first class flights, opting to choose business class instead, further reducing emissions by 4.62 tCO₂e per year, by 2025.
- Introduce a personal car hire scheme allowing contractors to lease electric vehicles. This can be facilitated through tax incentives, such as salary sacrifice schemes, or as part of an employee benefits package. Implementing this initiative could see a significant reduction in emissions of 12.35 tCO₂e p.a., almost a 5% reduction relative to the baseline emissions footprint.
- Replace conventionally fuelled company vehicles with electric vehicles, resulting in a reduction of 5.11 tCO₂e per annum by 2027.
- Work with upstream and downstream supply chain partners to reduce carbon footprint, exploring potential emission reduction strategies where feasible. Encourage all upstream and downstream suppliers to conduct emissions quantification and reporting. Quantifying emissions will facilitate a deeper understanding of the factors that contribute to emissions, leading to the development of customised emission factors specifically tailored to the suppliers. This could potentially reduce emissions associated with both upstream and downstream transportation by 50%, reducing emissions by 89.19 tCO₂e per annum (Figure 1).

The following figures show how LEDA Orthopaedics expect the project to reduce emissions, highlighting the significant reductions that can be achieved to become Net Zero:

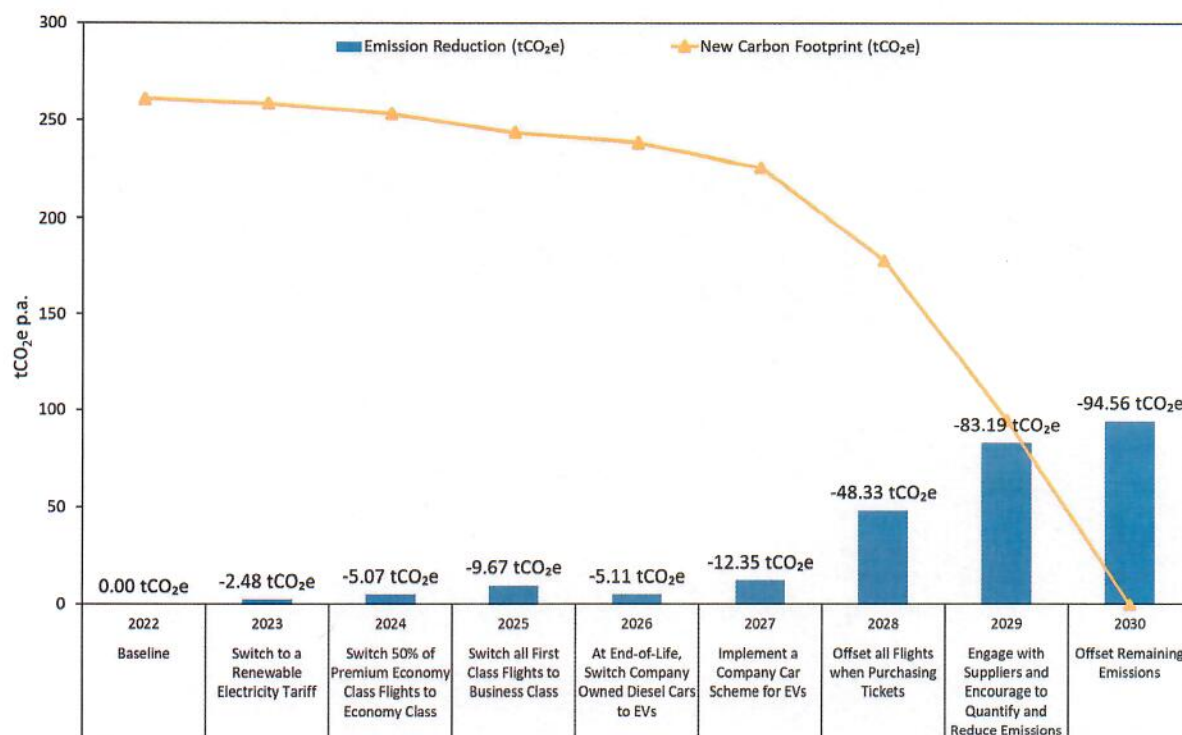


Figure 1. LEDA Orthopaedics Roadmap to Net Zero Carbon, including offsets

The graph below will track and display the progress made towards achieving these targets. Our projections indicate a reduction in carbon emissions over the next four years, with levels expected to decrease to 226.08 tCO₂e by 2027, reflecting a decrease of 13.3%.

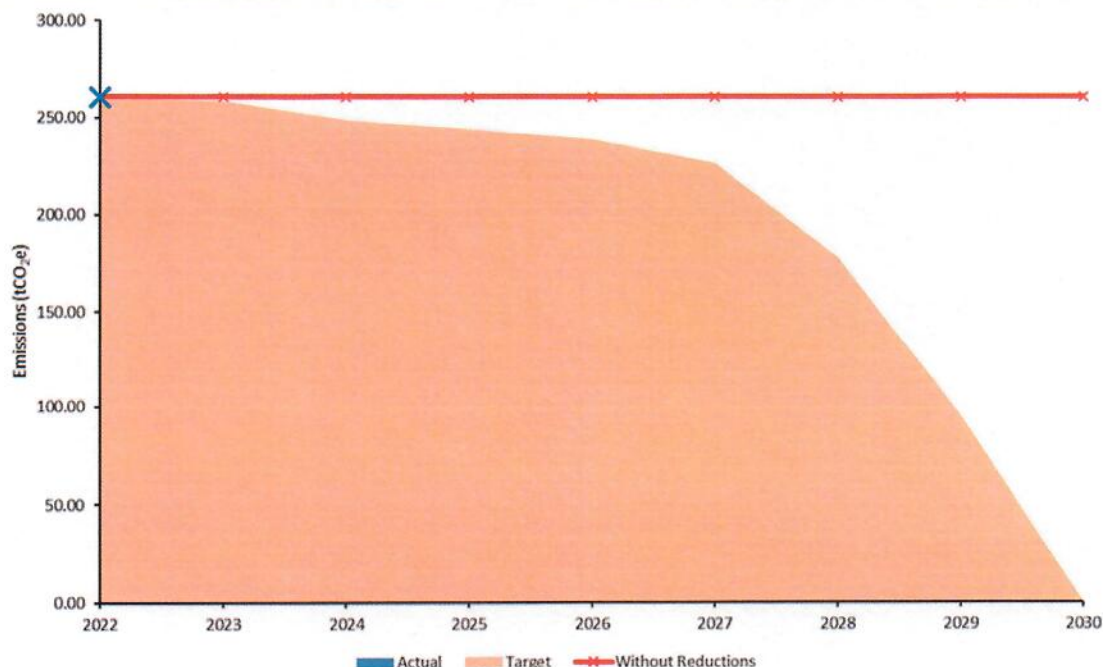


Figure 2. LEDA Orthopaedics, Actual and Target emissions timeline.

The graph above (Figure 2) depicts three distinct types of emissions: without reductions, target, and actual emissions. The emissions without reductions are estimated based on expected greenhouse gas emissions at a comparable business revenue level. The target

emissions, on the other hand, result from the carbon reduction projects described earlier. Finally, the actual emissions are the yearly quantified emissions which will be plotted yearly basis.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

LEDA Orthopaedics plan is to implement the reduction opportunities outlined in the Emissions reduction targets section of the report to reduce our emissions in the future.

Previously before the baseline was calculated we have:

- 1 – Purchased/ hired two company cars which are EVs rather than petrol / diesel
- 2 – Limited air freight and travel wherever possible
- 3 – Worked with upstream and downstream supply chain partners to ensure they have a robust environmental policy in line with our values

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

- Using all-electric domestic freight
- Offsetting schemes for emissions irreducible and flights

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 standard⁴ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁵.

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) Standard⁶.

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:

.....*David Plame*..... (DIRECTOR)

Date:*31/03/23*.....

⁴<https://ghgprotocol.org/corporate-standard>

⁵<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁶<https://ghgprotocol.org/standards/scope-3-standard>