

Carbon Reduction Plan

Supplier name: Esotec Ltd

Publication date: 13/06/2023

Commitment to achieving Net Zero

Esotec 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.

Baseline Year: June 2021 to June 2022	
Additional Details relating to the Baseline Emissions calculations.	
<p>June 2022/23 is the Esotec's second full year of monitoring Carbon emissions. The Carbon Emissions detailed within this Carbon Reduction Plan are calculated in accordance with the GHG Corporate Accounting & Reporting Standard and the GHG Protocol Scope 3 Technical Guidance. All greenhouse gas emissions are reported in tonnes of carbon dioxide equivalent (tCO₂e) to account for all seven of the Kyoto Protocol GHG's.</p> <p>Emissions for this year do not include waste however, this will be included from June 2024.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1 Stationary & Mobile Combustion	101.52
Scope 2 Purchased Electricity	153.38
Scope 3 (Included Sources) Transportation (Downstream & Upstream)	33.08 Employee commute and business travel are included

Total Emissions	287.98	7.57 Per employee
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Current Emissions Reporting

Reporting Year: June 2022/23		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1 Stationary & Mobile Combustion	195.85	
Scope 2 Purchased Electricity	132.09	
Scope 3 (Included Sources) Transportation (Downstream & Upstream)	23.40 Employee commute and business travel are included	
Total Emissions	351.34	7.17 Per employee

Esotec have achieved a 5.58% reduction of tCO₂e per employee.

Emissions reduction targets

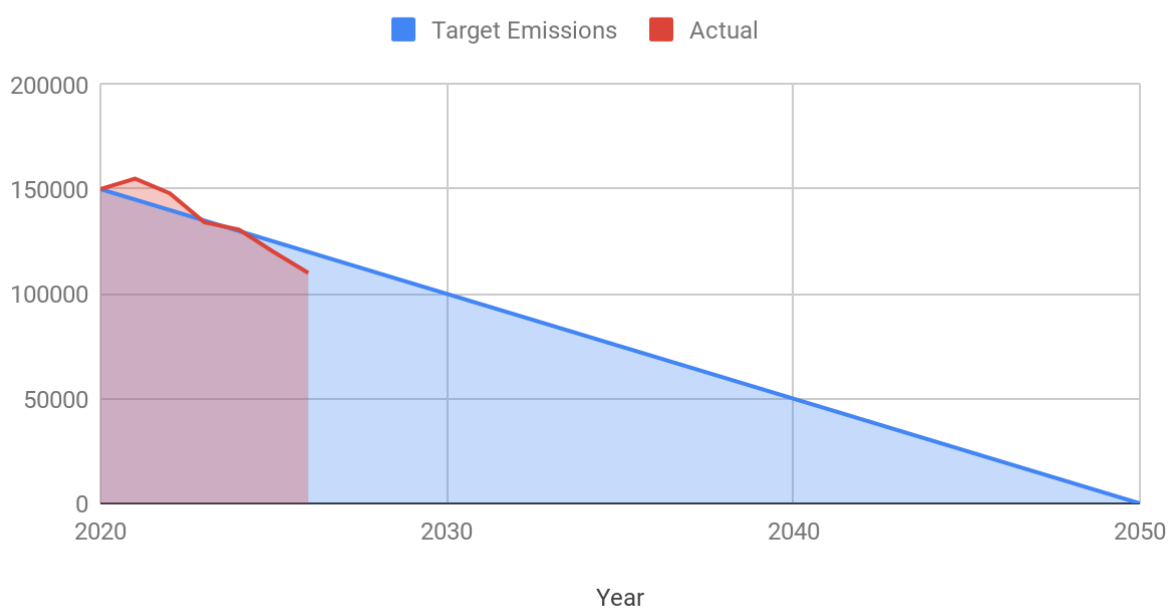
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

- Further electrification of the fleet 5%
- Obtain clean sourced electricity supply at next contract review
- Improve monitoring and reporting systems

We project that carbon emissions will decrease over the next five years to 171.98 tCO₂e by 2027. This is a reduction of 40%

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

Carbon Reduction: Projected vs. Actual



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented for this our first year of monitoring. The carbon emission reduction achieved by these schemes has not been previously measured.

1. Introduction of Cycle to Work Scheme in June 2021
2. Building lighting replaced with LED equivalents
3. Externally certified Environmental Management system to ISO 14001
4. Publication of environmental aspects register
5. 15% of Business vehicles now electric
6. Hybrid working introduced for 80% of the workforce
7. Reduction in business travel using virtual meetings

8. Electric charging for employees introduced (4 chargers)

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

1. Eliminating all Scope 1 emissions (Fossil fuels) from our operations by 2028
2. Adopt natural renewable sources for Scope 2 emissions
3. Measure, report & influence Scope 3 emissions throughout the value chain to align with Points 1 & 2 above

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:

Graham Davison

Director

Date: 13/06/2023

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>