

Carbon Reduction Plan



Supplier name: Fera Science Ltd

Publication date: 10/12/2024

Commitment to achieving Net Zero

Fera Science Ltd is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline Year:	2023
Additional Details relating to the Baseline Emissions calculations	None

Baseline year emissions

EMISSIONS	TOTAL (tCO2eq)
Scope 1	2
Scope 2	2,503
Scope 3	
Purchased goods and services	3,170
Capital goods	2,498
Fuel and energy related activities (not included in scope 1 or 2)	858.6
Waste generated in operation	1,242
Business travel (not included in scope 1 or scope 2)	54
Employee commuting and home working	438
Upstream leased assets (not included in Scope 1 or 2)	3,873
Downstream transportation and distribution	185
End-of-life treatment of sold products	136
Investments	185
Total Scope 3	12,639
Total Emissions	15,144

Emissions reduction targets

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

1.5C GHG reduction targets aligned to SBTi

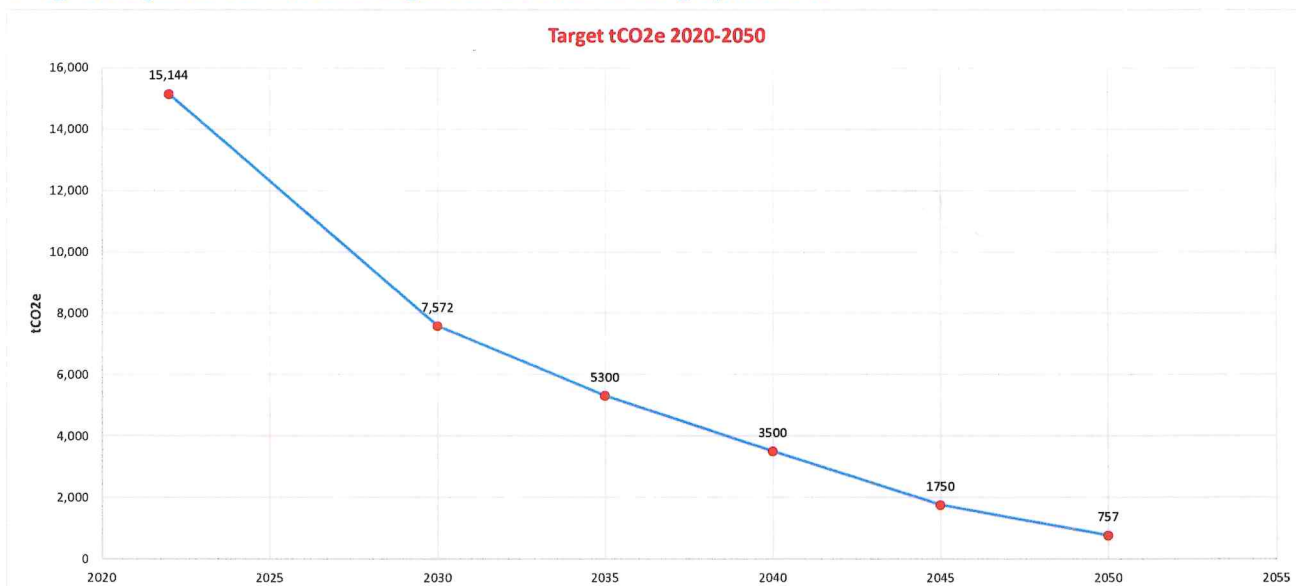
Net zero by 2050 aligned to SBTi

We project that carbon emissions will decrease over the next six years by 50% against base year ahead of our 1.5C GHG science based targets to:-

Projected tCO2e in 2030:

7,572

Progress against our net zero target can be seen in the graph below:



The following environmental management measures and projects have been completed or implemented since the 2023 baseline. The carbon emission reduction that will be achieved by these schemes will equate to a 10% reduction against the 2023 baseline and the measures will be in effect when performing the contract:

tCO2eq

1,514

Direct Fera Actions

- Invest in local solar panels to support a culture of local understanding and control of energy use. Also reducing transmission/transportation emissions.
- Investing in more energy efficient controlled environment facilities
- Glass house relamping to install more energy efficient lighting
- Launch Green Team initiative to train colleague in Green thinking and embed Green behaviours
- Invest in more efficient pumps to support Scientific Instruments
- Review and revise waste stream where appropriate
- Launch 'Green by Design' initiative to review and update governance processes
- Understand and review higher water usage areas
- Identify single use resources and explore reuse opportunities
- Continue to improve data access, quality and analysis of high Carbon use areas
- Engage with supply chain to ensure suppliers set science-based carbon reduction targets and commit to net zero. Monitor top 200 supplier emissions annually.

Actions to support our landlord

- Continue to support Heating Ventilation and Air Conditioning (HVAC) and Building Energy Management System (BEMS) controls efficiency upgrades.
- Continue to support activity to reduce and subsequently remove natural gas from site
- Continue to support implementation of wider electricity metering
- Supporting the landlord to transition lighting to LED lighting.

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

- Continue to explore and invest in technologies that enhance efficient use of energy

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with the Procurement Policy Notice released in June 2021 (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^[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting^[2] and Government 2021 SIC Code emission conversion factors^[4].


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^[3].

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:

Name and Job Title:

Date:



Andrew Swift, M.D. Fera Science Ltd
10/12/2024

^[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>

^[4] <https://www.gov.uk/government/statistics/uks-carbon-footprint>



Original thinking... applied