

Carbon Reduction Plan

Supplier name: RED Scientific Ltd
Publication date: 21 November 2022¹

Commitment to achieving Net Zero

RED Scientific (RED) is committed to achieving Net Zero emissions from 2022.

We will do this by reducing our greenhouse emissions and, each year, investing in carbon negative projects to neutralise the residual emissions.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the in the 12 months from start-October 2021 to end-September 2022. This is a new Baseline for RED, based on improved activity data and reflecting post-COVID work and travel patterns². Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2022 (1 October 2021 – 31 September 2022)

Additional Details relating to the Baseline Emissions calculations.

As an SME management and technology consulting business RED produces services embodied in reports and software.

Our Baseline Emissions include the following:

- Scope 1 - Direct emissions from use of natural gas to heat our Alton office;
- Scope 2 - Indirect emissions from use of electricity to provide light and power for equipment in our Alton office;
- Scope 3 - Indirect emissions from business travel and employee commuting³.

¹ With minor updates 9 Jan 2023 to clarify exclusion of certain Scope 3 emissions

² Our previous CRP, dated November 2021, used calendar 2020 as a Baseline year.

³ Note that Scope 3 emissions from Upstream and Downstream Transportation and Distribution, and from the Generation of Waste are not relevant as RED Scientific does not manufacture or distribute physical products.

Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	4.2
Scope 2	0.6
Scope 3	
Business Travel	4.6
Commuting	16.6
Total Emissions	26.0 tCO ₂ e

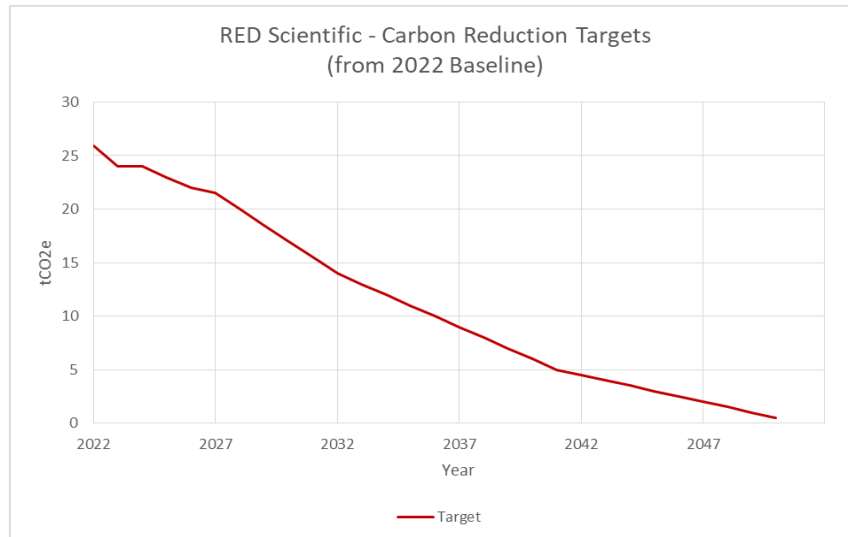
Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	See Baseline above
Scope 2	See Baseline above
Scope 3	See Baseline above
Total Emissions	See Baseline above

Emissions reduction targets

In order to achieve Net Zero from 2022, we have adopted the following carbon reduction targets.

We project that ghg emissions will decrease to between 15 and 20 tCO₂e by 2030; a reduction of about 1/3rd from our 2022 baseline. The trend of progress against these targets can be seen in the graph below. However, we do not expect progress to be smooth; in particular, changes to the number of employees and their commuting profile could cause short-term spikes or falls in emissions.



To achieve Net Zero from 2022 the residual emissions in each year will be offset by investment in verified carbon negative projects.

Carbon Reduction Projects

In order to meet these targets we plan to implement the following environmental management measures over the coming year:

- Reduce use of gas for heating our Alton Office by seeking further efficiency improvements;
- Maintaining our commitment to a 100% certified 'Green' (i.e. zero-emissions) electricity tariff;
- Continue to improve data gathered on staff travel and work habits through our quarterly survey. The results to be feedback to staff to encourage the adoption of lower emission behaviours;
- Develop a simple tool to estimate the carbon footprint of proposed consultancy projects in order to identify where ghg emissions could be minimised;
- Continue to support flexible and home working by staff; to reduce non-essential employee commuting and business travel;
- Invest in high quality fully verified projects to offset the estimated 26 tCO₂e produced in the 2022 baseline period.

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.

Signed on behalf of the Supplier:

A handwritten signature in black ink, appearing to read 'Yvonne Whiteley', with a horizontal line underneath.

Yvonne Whiteley, Director RED Scientific Ltd.

Date: 21 November 2022

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>