

2BScientific Carbon Reduction Plan

(PPN 06/21 Compliant)

Publication Date

30/06/2026

Commitment to achieving Net Zero Greenhouse Gas Emissions

2BScientific Ltd is committed to achieving Net Zero emissions by **2050** in line with UK Government targets.

Baseline Emissions Footprint

Baseline Year: 2024

Emissions Category	tCO ₂ e
Scope 1	0.0
Scope 2	43.28
Scope 3 (Included Sources)	39.08 (<i>estimated</i>)
Total Emissions	82.36

This baseline will be used as the reference point against which future emissions reduction performance will be measured.

Current Emissions Reporting

Reporting Year: 2025

Emissions Category	tCO ₂ e
Scope 1	0.0
Scope 2	43.28
Scope 3 (Included Sources)	39.08 (<i>estimated</i>)
Total Emissions	82.36

www.2BScientific.com

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Scope 3 emissions reported include the categories most relevant to the organisation's operations as a distributor of life science reagents, specifically business travel and employee commuting, calculated using detailed mileage, flight and electricity records for the reporting period. Additional categories, such as purchased goods and services and upstream transport and distribution, will be assessed for inclusion as data availability improves.

Emissions Reduction Targets

To continue progress toward achieving Net Zero, 2BScientific has adopted the following carbon reduction targets:

- Reduce location-based Scope 1 and 2 emissions by **50% by 2030** (from 2024 baseline)
- Maintain near-zero market-based Scope 2 emissions through our **100% renewable electricity supply** (achieved)
- Achieve Net Zero emissions by **2050**

Progress against these targets will be reviewed annually.

Carbon Reduction Projects

The following environmental management measures and projects have been completed or are planned:

Completed and Ongoing Actions

- Adoption of remote working and virtual meetings to reduce travel emissions
- Use of third-party courier services to optimise logistics efficiency
- Monitoring of energy usage through building-level data

Planned Carbon Reduction Initiatives

Supply Chain and Product Sourcing

As a distributor of life science reagents, the organisation recognises that a significant proportion of emissions are associated with its supply chain, including manufacturing and cold-chain logistics. The organisation will engage with key suppliers to better understand embedded emissions and prioritise partners with established environmental policies, reduced packaging, and lower-carbon distribution methods where feasible.

Energy and Buildings

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- Transitioned to a 100% renewable electricity tariff through Octopus Energy (completed)
- Improve energy efficiency through LED lighting and equipment upgrades
- Engage with building management to obtain accurate metered consumption data

Logistics and Distribution

- Work with courier partners to reduce delivery emissions
- Consolidate shipments where possible to minimise transport impact
- Prioritise suppliers with strong environmental credentials

The organisation will seek to reduce emissions associated with temperature-controlled shipments by optimising packaging, reducing single-use materials, and consolidating deliveries where possible, while maintaining product integrity and regulatory compliance.

Travel

- Reduce business travel through remote engagement
- Encourage low-emission travel options where travel is necessary

Responsibility for carbon reduction and sustainability initiatives is assigned to senior management, with progress reviewed on an annual basis.

Emissions Methodology

Emissions have been calculated in accordance with the Greenhouse Gas Protocol and UK Government guidance.

Energy-related emissions have been estimated using the building's Energy Performance Certificate (EPC) data. The building emission rate of **67.8 kgCO₂/m²/year** has been applied to the occupied floor area of **541 m²**, resulting in total estimated emissions of **36.7 tCO₂e**.

Scope 3 emissions have been calculated using a combination of:

- Detailed business travel records (car mileage, taxi, rail and flights)
- Employee commuting based on workforce travel patterns
- UK Government greenhouse gas conversion factors published by UK Government Department for Environment, Food & Rural Affairs

This approach reflects current data availability and will be refined as more detailed data becomes available.



The organisation is committed to improving the accuracy and completeness of its carbon reporting over time, including obtaining metered electricity consumption data and more detailed logistics and supply chain emissions data.

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 standard.

This Carbon Reduction Plan has been reviewed and signed off at board level by [Name, Position].

Signed on behalf of 2BScientific:

Name: Richard Atkins

Position: Chief Commercial Officer

Date: 30/06/2026

Signature:

