

Carbon Reduction Plan

Supplier Name: BioSpectrum Ltd
Reporting Period: 01 July 2025 – 30 June 2026
Publication Date: September 2026

1. Commitment to Achieving Net Zero

BioSpectrum Limited is committed to achieving Net Zero emissions by 2045 for its UK operations.

2. Baseline Emissions Footprint

Baseline emissions are a record of greenhouse gas emissions produced before the introduction of reduction strategies. They form the reference point against which emissions reduction can be measured.

Baseline year: 01 July 2022 to 30 June 2023

The baseline was calculated using the operational control approach in partnership with ClimatePartner. Primary data was collected and used for the categories included in the assessment.

In addition to the Scope 3 categories required under PPN 006, BioSpectrum reports Purchased Goods and Services and Fuel- and Energy-Related Activities to maintain consistency with the established baseline and previous Carbon Reduction Plans.

Emissions	Total (tCO ₂ e)
Scope 1 - Vehicle Fleet	10.08
Scope 2 - Purchased Electricity	3.01
Scope 3	69.32
3.1 Purchased Goods and Services	3.09
3.3 Fuel- and Energy-Related Activities	3.30
3.4 Upstream Transportation and Distribution	48.94
3.5 Waste Generated in Operations	0.00
3.6 Business Travel	7.81
3.7 Employee Commuting	5.95
3.9 Downstream Transportation and Distribution	0.23
Total Emissions	82.42



3. Current Emissions Reporting

Reporting year: 01 July 2025 to 30 June 2026

During the reporting year, BioSpectrum continued to experience significant growth, resulting in substantial increases in both the number of products supplied and the number of employees. Consequently, total carbon emissions remain higher than those reported in the Baseline Year (01 July 2022 to 30 June 2023).

However, BioSpectrum is pleased to report that, despite this continued growth in business activity, total carbon emissions decreased compared with the previous reporting year. This demonstrates the positive impact of the carbon reduction measures implemented across the business and our ongoing commitment to reducing emissions while supporting sustainable growth.

The same organizational boundary and emissions categories used for the baseline and previous Carbon Reduction Plans have been retained for the 2025-2026 reporting year to support year-on-year comparability.

Emissions	Total (tCO ₂ e)
Scope 1 - Vehicle Fleet	7.37
Scope 2 - Purchased Electricity	4.35
Scope 3	119.53
3.1 Purchased Goods and Services	6.57
3.3 Fuel- and Energy-Related Activities	3.88
3.4 Upstream Transportation and Distribution	87.46
3.5 Waste Generated in Operations	0
3.6 Business Travel	6.19
3.7 Employee Commuting	14.38
3.9 Downstream Transportation and Distribution	1.06
Total Emissions	131.25



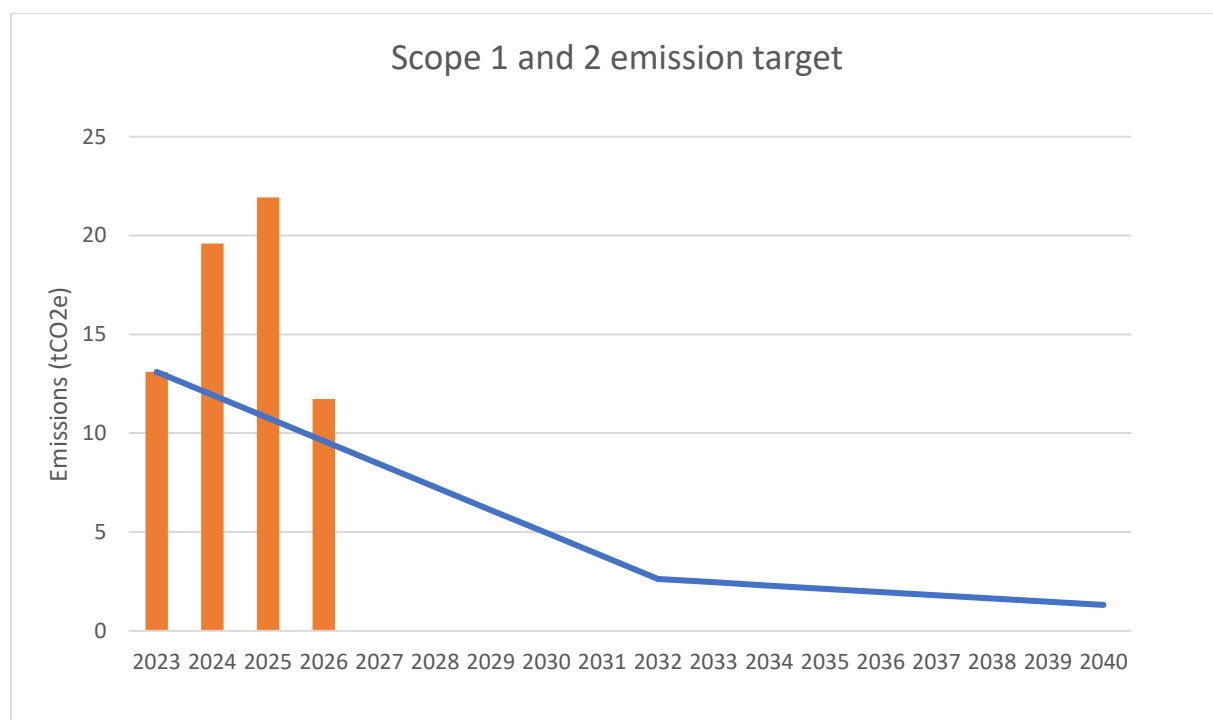
4. Emissions Reduction Targets

BioSpectrum has aligned its reduction pathway with the NHS ambition of reaching Net Zero by 2045.

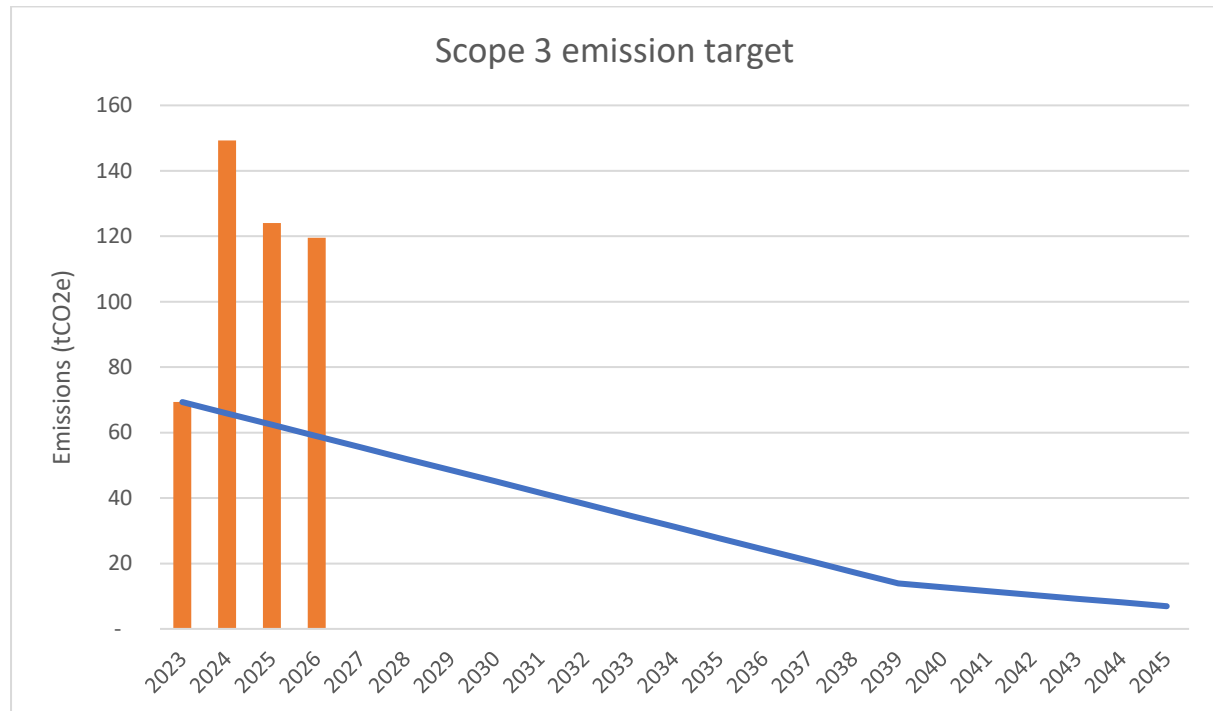
- For emissions under BioSpectrum's direct control, the company aims to reach Net Zero by 2040, with an ambition to achieve an 80% reduction by 2032.
- For emissions that BioSpectrum can influence, the company aims to reach Net Zero by 2045, with an ambition to achieve an 80% reduction by 2039.

Progress against these targets is illustrated in the charts below.

Scope 1 and 2 emissions reduction



Scope 3 emissions reduction



5. Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 01 July 2022 to 30 June 2023 baseline and remain relevant to BioSpectrum's operations.

Scope 1

- Since October 2023, company cars have been required to be hybrid or electric.
- Charging points have been installed on site to support vehicle charging during the working day.
- The use of air conditioning in the office has been removed.



Scope 2

- New IT and office equipment is required to meet ENERGY STAR or Ecolabel energy-efficiency standards.
- Redundant and obsolete office equipment is recycled to improve circularity.
- Equipment within the facility is set to an automated power-down schedule at the end of the working day.
- The previous non-renewable electricity tariff was replaced with a 100% renewable electricity supply in February 2025.
- During the 2025-2026 reporting period, all remaining halogen light bulbs were phased out and replaced with energy-efficient alternatives.

Scope 3

- BioSpectrum has worked with key suppliers to reduce the volumetric weight of consignments and minimize excess packaging and void space.
- Air freight partners using sustainable aviation fuel have been prioritized where available.
- A Sustainable Travel Policy has been introduced for staff, prioritizing public transport and prohibiting domestic flights.
- Office printing has been reduced by more than 90%, supporting a predominantly paperless office.
- BioSpectrum has moved to 100% electronic invoicing and no longer sends hard-copy invoices to customers.
- On-site charging points have been installed to encourage colleagues to switch to electric vehicles.
- An on-site shower and changing room have been installed to encourage cycling to work.
- During 2025-2026, the use of sea freight increased from approximately 25% to approximately 40%.
- A "Meat Free Mondays" initiative was introduced for field-based staff to encourage lower-carbon food choices and reduce the lifecycle impact of food procurement.
- Batch forecasts were implemented with key suppliers to consolidate orders and eliminate weekly "trickle" shipments, thereby reducing transport-related emissions.



Future Carbon Reduction Initiatives

For the period 01 July 2026 to 30 June 2027, BioSpectrum intends to progress the following initiatives:

Scope 1

- Complete the transition of the company fleet towards electric vehicles for office-based employees and hybrid or electric vehicles for field-based employees, where operationally practical.
- Monitor fleet energy consumption and optimize charging schedules to maximize off-peak electricity use.
- Continue to reduce avoidable business mileage through a virtual-first approach for supplier and internal meetings where practical.

Scope 2

- Maintain the use of 100% certified renewable electricity for UK operations.
- Continue monitoring electricity consumption and identifying operational energy-efficiency opportunities.
- Give preference to equipment with recognized energy-efficiency ratings and demonstrable environmental credentials when replacing IT, warehouse or office equipment.

Scope 3

- Increase the share of inbound shipments transported by sea freight from approximately 40% to at least 60%, where product availability and customer requirements permit, while reserving air freight primarily for urgent demand and exceptional circumstances.
- Engage with key suppliers to understand their carbon reduction commitments and encourage the adoption of formal sustainability objectives.
- Work with suppliers to reduce packaging volume and weight and explore recyclable or recycled alternatives to virgin materials.
- Continue improving demand forecasting and order consolidation, supported by quarterly reviews to identify further shipment consolidation opportunities.
- Continue improving waste segregation and recycling with the aim of minimizing waste sent to landfill.



6. Declaration and Sign-off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and the 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 Protocol Corporate Standard, using the appropriate UK Government greenhouse gas conversion factors.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, where applicable, and the required subset of Scope 3 emissions has been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and approved by the Board of Directors.

Signed on behalf of BioSpectrum:

Penelope McQuilkin

Penelope McQuilkin, Operations Director

Date: 17th September 2026

References

UK Government PPN 006

<https://www.gov.uk/government/publications/ppn-006-taking-account-of-carbon-reduction-plans-in-the-procurement-of-major-government-contracts/ppn-006-taking-account-of-carbon-reduction-plans-html>

PPN 006 Technical Standard

https://assets.publishing.service.gov.uk/media/67b334c67c070e71525f5818/PPN_006_Technical_standard_for_Completion_of_Carbon_Reduction_Plans.pdf

GHG Protocol Corporate Standard: <https://ghgprotocol.org/corporate-standard>

UK Government conversion factors

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

GHG Protocol Scope 3 Standard

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