synergy biologics

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Carbon Reduction Plan

Synergy Biologics Limited
The Stamp Factory, 16 Wednesbury Road, Walsall, West Midlands, WS1 3QY
Companies House Number: 07353610

46.18 tCO2e	**Net Zero by 2050**
Baseline footprint	**25% five-year reduction target**

1. Commitment to achieving net zero

Synergy Biologics Limited is committed to achieving net zero greenhouse gas emissions from its UK operations by 2050 at the latest.

The company will measure and report its organisational greenhouse gas emissions annually, maintain this Carbon Reduction Plan and implement practical measures to reduce emissions from energy use, company vehicles, transport and distribution, waste and employee travel.

2. Baseline emissions footprint

Plan detail	Value
Supplier	Synergy Biologics Limited
Baseline year	1 May 2025 - 30 April 2026
Current reporting year	1 May 2025 - 30 April 2026
Organisational boundary	UK operations under operational control - Unit 1, The Stamp Factory, Walsall
Net zero target year	2050

This is Synergy Biologics Limited's first measured organisational greenhouse gas emissions baseline. The baseline and current reporting periods are therefore the same. No mains gas or other material stationary fossil-fuel use was identified at the site, and no refrigerant leakage or refrigerant top-up was reported for the baseline exercise.

Emissions have been calculated using available activity data, UK Government greenhouse gas conversion factors for the applicable calendar years, and the principles of the GHG Protocol. Where primary activity data were incomplete, reasonable estimates based on company records have been used and are identified in the methodology section below.

Emissions source	tCO2e
Scope 1	9.50
Scope 2	18.44
Scope 3 – Required categories	18.24
Total emissions	46.18

3. Current emissions reporting

As 2025/26 is Synergy Biologics Limited's first measured reporting year, current emissions are the same as the baseline emissions. Future annual updates will retain this baseline and report the latest comparable year separately.

Emissions source	Current reporting year tCO2e
Scope 1	9.50
Scope 2	18.44
Scope 3 – Required categories	18.24
Total emissions	46.18

4. Scope 1 and Scope 2 methodology

Scope 1 – Direct emissions

Scope 1 emissions principally arise from two company-controlled vehicles. The first-year baseline uses the nearest complete 12-month fuel records available (1 April 2025 - 31 March 2026) as a proxy for the CRP period where exact May-to-April fuel records were not available. This timing difference is disclosed and will be removed in future reporting cycles.

- Sales representative vehicle: 2024 Skoda Kamiq petrol car. Fuel-card records show 1,851.70 litres of unleaded petrol over the proxy 12-month period.
- Delivery vehicle: 2014 Volkswagen Transporter diesel van. Diesel use is estimated at approximately 2,250 litres from the UK Fuels account spend and representative UK diesel pricing.
- No material stationary combustion source was identified at Unit 1, and no refrigerant leakage or top-up was reported.

Scope 1 total: 9.50 tCO2e

Scope 2 – Direct emissions

The baseline includes approximately 116,578 kWh of grid electricity imported at Unit 1 during 1 May 2025 - 30 April 2026. Location-based UK Government electricity conversion factors for 2025 and 2026 were applied to the relevant portions of the reporting year.

Rooftop solar photovoltaic generation was already in operation during the baseline period. Solar generation reduces grid imports and is therefore reflected in the measured imported-electricity baseline; no separate retrospective carbon saving is deducted from the footprint.

Scope 2 total: 18.44 tCO2e

5. Required Scope 3 emissions

Scope 3 Category	tCO2e	Data Basis
Category 4 - Upstream transportation and distribution	6.91	Activity-based / representative sampling
Category 5 - Waste generated in operations	0.06	Estimated from container and collection pattern
Category 6 - Business travel	0.18	Management records / mileage estimate
Category 7 - Employee commuting	10.84	Management estimate
Category 9 - Downstream transportation and distribution	0.25	Screening estimate
Total Scope 3	18.24	

Category 4 - Upstream transportation and distribution

This category includes transportation and distribution services purchased by Synergy during the reporting year, including inbound freight and purchased outbound distribution. Accounting records identify approximately £35,847 of expenditure with the principal third-party logistics providers during the baseline year.

- A material international shipment consisted of 1.416 tonnes of airfreight from Delhi to London. A conservative long-haul dedicated-freighter assumption was used for the initial baseline.
- Domestic DPD distribution was estimated from representative consecutive weekly invoices containing actual shipment weights and destination postcodes, scaled against the annual DPD account spend.
- Movianto and pallet-carrier emissions were estimated from representative consignment information and annual expenditure.

Synergy intends to obtain carrier-specific carbon reports and more complete tonne-kilometre data for future reporting years.

Category 5 - Waste generated in operations

General commercial waste is collected under a contracted waste service using a 6.1 m3 general-waste container with approximately fortnightly collection. Actual annual waste weight was not available for the first reporting period, so mass was estimated from container capacity, collection frequency and a reasonable commercial-waste density assumption. A UK Government waste-disposal factor consistent with commercial and industrial waste sent to incineration with energy recovery was used.

Category 6 - Business travel

Employees undertook approximately 1,050 business miles in personal petrol vehicles. Fuel consumption was estimated using approximately 55 mpg. No material business rail or air travel was undertaken during the reporting period.

Category 7 - Employee commuting

The first-year commuting estimate is based on 21 employees: approximately 12 commuting by car and nine by bus, with an average 10-mile return journey, five working days per week and approximately 46 working weeks per year. This equates to approximately 44,418 vehicle-km of car commuting and 33,313 passenger-km of bus travel. Synergy intends to replace this management estimate with a staff travel survey in a future reporting cycle.

Category 9 - Downstream transportation and distribution

Approximately 95% of Synergy's manufactured finished-goods output is distributed through mainline pharmaceutical wholesalers, which then arrange and pay for onward distribution to pharmacies, hospitals and other healthcare customers. Approximately 5% is supplied through direct routes.

Complete wholesaler tonne-kilometre data were not available for the first reporting year. A screening estimate of 0.25 tCO2e has therefore been used, based on observed outbound shipment weights, the 95/5 wholesale-to-direct distribution profile and a reasonable average onward road-distribution distance. This is the highest-uncertainty line in the current CRP and will be replaced with better wholesaler or finished-goods tonnage data when available.

6. Emissions reduction targets

In order to continue progress towards net zero, Synergy Biologics Limited has adopted an initial five-year carbon reduction target.

Reduce reported emissions from 46.18 tCO2e to no more than 34.64 tCO2e by 30 April 2031 - a 25% reduction against the 2025/26 baseline.

The target will be reviewed annually as data quality improves and reduction projects are implemented and quantified. Recalculation of the baseline, where necessary, will be explained transparently in future updates.

7. Carbon reduction projects

Measures already reflected in the baseline

- Rooftop solar photovoltaic generation installed at the Walsall manufacturing site.
- Electrically powered heat-pump heating and cooling.
- Active monitoring of electricity use and operating controls for air-handling and other energy-intensive equipment.
- Timers and shutdown procedures to reduce unnecessary electrical consumption, including idle computer and CCTV equipment.
- Progressive replacement of older appliances and equipment with more energy-efficient alternatives.
- Contracted waste management and application of the waste hierarchy.
- Use of audited and approved logistics providers.

Planned and continuing measures

- Replace the diesel delivery van with an electric vehicle when operationally and commercially appropriate.
- Replace the company petrol sales vehicle with an electric vehicle and record electricity use at vehicle level.
- Continue monitoring site electricity demand, avoidable base load, air-handling, heating, cooling and production equipment.
- Review opportunities to increase utilisation of on-site solar generation.
- Reduce reliance on airfreight where regulatory, commercial and supply-chain requirements permit, and consolidate inbound shipments where practical.
- Obtain carrier-specific greenhouse gas reports from major logistics providers and incorporate environmental performance into logistics-provider review.
- Obtain actual annual waste tonnage and treatment-route information; improve waste segregation, recycling and packaging optimisation.
- Conduct a periodic employee commuting survey and improve recording of employee-owned vehicle business mileage.
- Maintain an annual emissions workbook supported by source evidence and update this CRP at least annually.

8. Data quality and improvement plan

Area	2025/26 data quality	Improvement action
Electricity	High - supplier invoices / meter consumption	Retain complete monthly consumption exports and solar-generation records.
Company petrol	Medium-high - actual litres; period proxy differs by one month	Align fuel-card extract exactly to CRP year.
Delivery van diesel	Medium - estimated litres from spend	Retain litre-level annual UK Fuels report.
Purchased freight	Medium - activity data plus representative sampling	Obtain carrier carbon reports / full consignment export.
Waste	Low-medium - container/service estimate	Obtain annual tonnage and treatment route from contractor.
Business travel	Medium - management mileage record	Use expense/mileage log by journey.
Employee commuting	Medium-low - management estimate	Run annual anonymous travel survey.
Downstream distribution	Low - screening estimate	Seek wholesaler emissions/tonnage data and record annual finished-goods tonnage.

9. Declaration and sign-off

This Carbon Reduction Plan has been prepared in accordance with Procurement Policy Note PPN 006 and the associated Technical Standard for Completion of Carbon Reduction Plans. Emissions have been calculated using the GHG Protocol Corporate Accounting and Reporting Standard and the required subset of Scope 3 categories, with appropriate UK Government greenhouse gas conversion factors.

The plan is specific to Synergy Biologics Limited as the bidding supplier. It is intended to be reviewed, approved and signed by a director (or equivalent senior leader), published and clearly signposted on the company's UK website, and updated at least annually.

Approved and signed on behalf of Synergy Biologics Limited



Robin Deb
Managing Director

12 September 2026

Standards applied: Cabinet Office PPN 006 and Technical Standard; GHG Protocol Corporate and Scope 3 Standards; UK Government greenhouse gas reporting conversion factors 2025 and 2026.