

Carbon Reduction Plan

Sussex Biologicals Limited

Sussex Biologicals Limited is committed to achieving net zero emissions by 2045 when we plan to have reduced our emissions by 90%.



Baseline Emissions Footprint vs Current Emissions Footprint

Baseline emissions are a record of the greenhouse gasses that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Emission Scope	Baseline Emissions, 2022 (tonnes CO2e)	Current Emissions, 2024 (tonnes CO2e)
Scope 1	1.2064	1.6218
Energy Purchased (Sites, Other Emissions)**	0.0000	0.0000
Company Cars (Company Cars, Other Emissions)	1.2064	1.6218
Delivery Vehicles (Delivery Vehicles, Other Emissions)	0.0000	0.0000
Air Conditioning / Refrigerants (Other Emissions)	0.0000	0.0000
Scope 2	3.8922	4.3808
Electricity (Sites, Other Emissions)**	3.8922	4.3808
Scope 3	45.8532	56.9629
Purchased Goods and Services (Sites, Other Emissions)**	0.1526	0.1892
Capital Goods (Other Emissions)	0.0000	0.0000
Fuel & Energy Related Activities (Other Emissions)	0.0000	0.0000
Upstream Transportation & Distribution (Freighting Goods (Upstream), Other Emissions)	31.6255	11.3204
Waste Generated in Operations (Waste Disposal, Other Emissions)	0.0506	0.0210
Business Travel (Hotels, Air Travel, Public Transport & Hire Cars, Employee Owned Vehicles, Company Cars, Other Emissions)	1.3596	6.6114
Employee Commuting (Home Working, Employee Commuting, Other Emissions)	12.6649	12.8209
Upstream Leased Assets (Other Emissions)	0.0000	0.0000
Downstream Transportation & Distribution (Freighting Goods (Downstream), Other Emissions)	0.0000	25.9998
Processing of Sold Products (Other Emissions)	0.0000	0.0000
Use of Sold Products (Other Emissions)	0.0000	0.0000
End of Life Treatment of Sold Products (Other Emissions)	0.0000	0.0000
Franchises (Other Emissions)	0.0000	0.0000
Investments (Other Emissions)	0.0000	0.0000
Total	50.9517	62.9654
** Generated from renewable sources	0.0000	4,380.7639
* includes WTT		

Carbon Reduction: Projected vs Actual

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease over the next years to 5.0952 by 2045 this is a reduction of 90%



Additional Details About our Emissions and Targets

Year	Comments
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Carbon Reduction Projects

The following environmental management measures and projects are currently in progress or have been completed since the 2022 baseline.

Actions In Progress

Lower carbon Freight

Target Completion Date: 01/03/2026

Objective

To reduce the amount of carbon within the freight area of the business

Target

Customer orders Transporter options are there alternative greener options

Action, Improvement or Control

Speak to customers and see if they would consider consolidating orders which would also reduce their carbon footprint. Speak to transporters to see what steps the industry is taking and if they have a more environmentally friendly option.

Completed Actions

Electricity - Renewable Supplier

Completion Date: 18/01/2024

Estimated Carbon Reduction: 0.0000

Objective

To increase amount of electricity purchased from renewable providers.

Target

Action, Improvement or Control

To review all options for Electricity contracts near the time of renewal.

Impact:

Electricity contract has been agreed with Corona Energy for 3 years to 31.10.2026 for 100% renewable power electricity contract. Certificate held on file.

Declaration and Sign Off

This carbon reduction plan has been completed in accordance with PPN 06/21 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 GHC Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting²

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) Standard³

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Peter Nest	Managing Director
Name	Job Title
	
Signed on behalf of the Supplier	4.6.25
	Date

The methodology used to calculate the organisation's greenhouse gas emissions in this report is based on:
<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

- 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>