

Carbon Reduction Plan 2025

Supplier name: Biocomposites Ltd

Publication date: 10/06/2025

Commitment to achieving Net Zero

Biocomposites is committed to achieving Net Zero emissions by 2045.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases 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.

Baseline Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
<p>This is the baseline year for our calculations from which we will measure our progress towards our stated emissions reductions targets. Here we only include the required subset of emissions but intend to extend the scope of our calculation to conduct a full carbon footprint assessment in accordance with the Greenhouse Gas Protocol.</p> <p>This core calculation was done in accordance with the Greenhouse Gas protocol corporate standard. It has an accompanying report detailing methodology and giving emissions analysis.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	13.5
Scope 2	155.9
Scope 3 (Included Sources)	Employee Commuting (commuting + working from home): 146.6 Business Travel (travel + hotel stays + mileage in employee owned vehicles): 295.1 Upstream Transportation and Distribution (inbound + outbound logistics): 42.6 Waste Generated in Operations: 0.6

	Downstream Transportation and Distribution : 0.0 Total scope 3: 482.0
Total Emissions	651.4

Current Emissions Reporting

Reporting Year: 2024	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	9.5
Scope 2	190.5
Scope 3 (Included Sources)	Employee Commuting (commuting + working from home): 239.9 Business Travel (travel + hotel stays + mileage in employee owned vehicles): 213.4 Upstream Transportation and Distribution (inbound + outbound logistics): 3.6 Waste Generated in Operations: 0.3 Downstream Transportation and Distribution : 0.0 Total scope 3: 457.2
Total Emissions	657.2

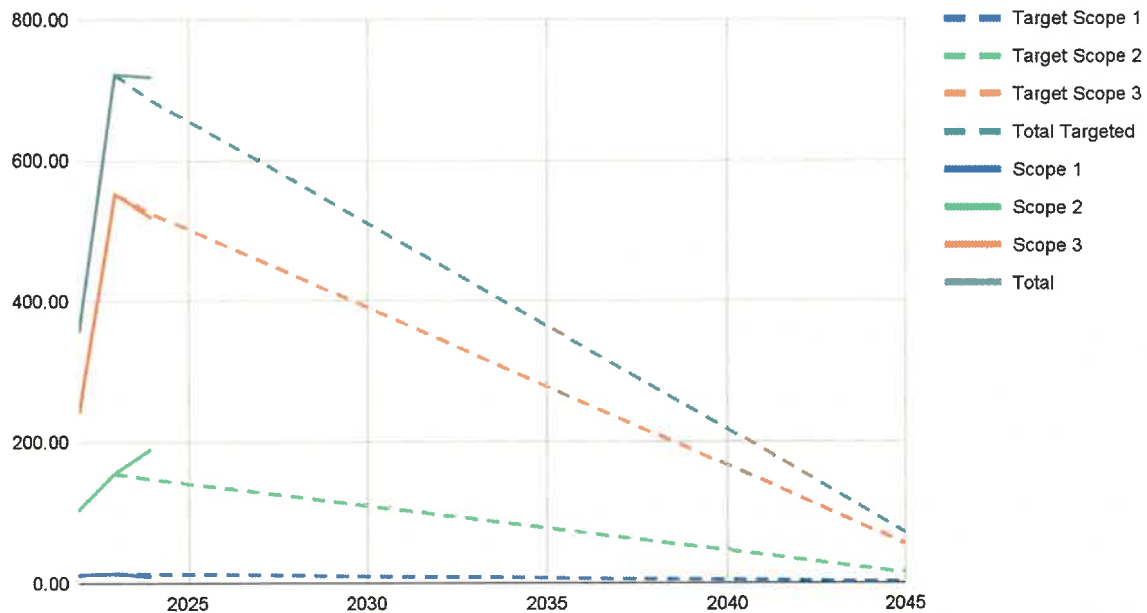
Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We commit to reduce our emissions by 21% across scope 1, 2 and this subset of scope 3 by 2028 from a 2023 baseline. Please note, this plot reflects all emissions calculated rather than the PPN 06/21 mandated subset. Therefore, values deviate slightly.

Progress against these targets can be seen in the graph below:

Net Zero Targets



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Since the baseline year (a year affected by COVID lock downs), the company has grown significantly. While these developments have led to an uptick in our energy consumption and carbon emissions, they are indicative of our recovery from the impacts of COVID and expansion. We've implemented energy efficiency measures across our operations and are exploring renewable energy options to mitigate these impacts. Our commitment to sustainability remains steadfast, and we are developing strategies to further reduce our carbon footprint as we continue to grow.

During this reporting period, our company has pursued a range of energy-saving measures to enhance our operational efficiency and reduce our environmental footprint. Initiatives have included the widespread adoption of LED lighting and upgrades to our HVAC systems for improved energy efficiency. We've also focused on improving building insulation to reduce energy loss and encouraged working remotely where possible to minimise commuting-related emissions.

In the future we hope to implement further measures such as:

- Implement an energy management system to monitor and optimise energy usage across our operations
- Teach employees about energy conservation and encourage them to reduce energy use in the workplace

Business Travel and Employee Commuting:

- Encourage the use of low-carbon transportation options such as public transport, cycling, or electric vehicles for business travel and commuting
- Promote remote work and video conferencing as an alternative to travel when possible
- Provide incentives for employees who use low-carbon transportation options or carpool

Transportation and Distribution:

- Optimise transportation routes and modes to minimise emissions and reduce fuel consumption
- Work with suppliers to reduce emissions from transportation and distribution.

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 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).

Signed on behalf of the Supplier:

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Date: ...11 NOV 2025.....

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>