

Carbon Reduction Plan

Supplier name: Tristel Plc

Publication date: 5 March 2025

Commitment to achieving Net Zero

Tristel Plc is committed to achieving Net Zero emissions by 2045.

Tristel Plc is the parent company of **Tristel Solutions Ltd**.

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: 1 July 2021 to 30 June 2022	
Additional Details relating to the Baseline Emissions calculations.	
Tristel Plc began monitoring carbon emissions in 2018 for the financial year to 30th June 2019. The first period for which reliable data was available was 1 July 2021 to 30 June 2022. This period is the baseline for Scope 1, 2 and 3. Since prior publishing, we have recalculated our baseline. Our Reporting Boundary is Operational.	
Baseline year emissions (recalculated):	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	641
Scope 2	132
Scope 3 (Included Sources)	4,291 Transportation and distribution (upstream and downstream) – 419 Purchased goods and services – 3,409 Business travel – 104 Employee commuting – 112 Capital goods – 91

	Waste generated in operations – 16 Other Categories – 140
Total Emissions	5,064 Intensity metrics - (tCO₂e/£ m turnover) 162 (tCO₂e/employee avg headcount) 25

Current Emissions Reporting

Reporting Year: 1 July 2022 to 30 June 2023	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	687
Scope 2	120
Scope 3 (Included Sources)	5,117 Transportation and distribution (upstream and downstream) – 396 Purchased goods and services – 4,003 Business travel – 96 Employee commuting – 91 Capital goods – 349 Waste generated in operations – 17 Other Categories – 165
Total Emissions	5,924 Intensity metrics - (tCO₂e/£ m turnover) 164 (tCO₂e/employee avg headcount) 27

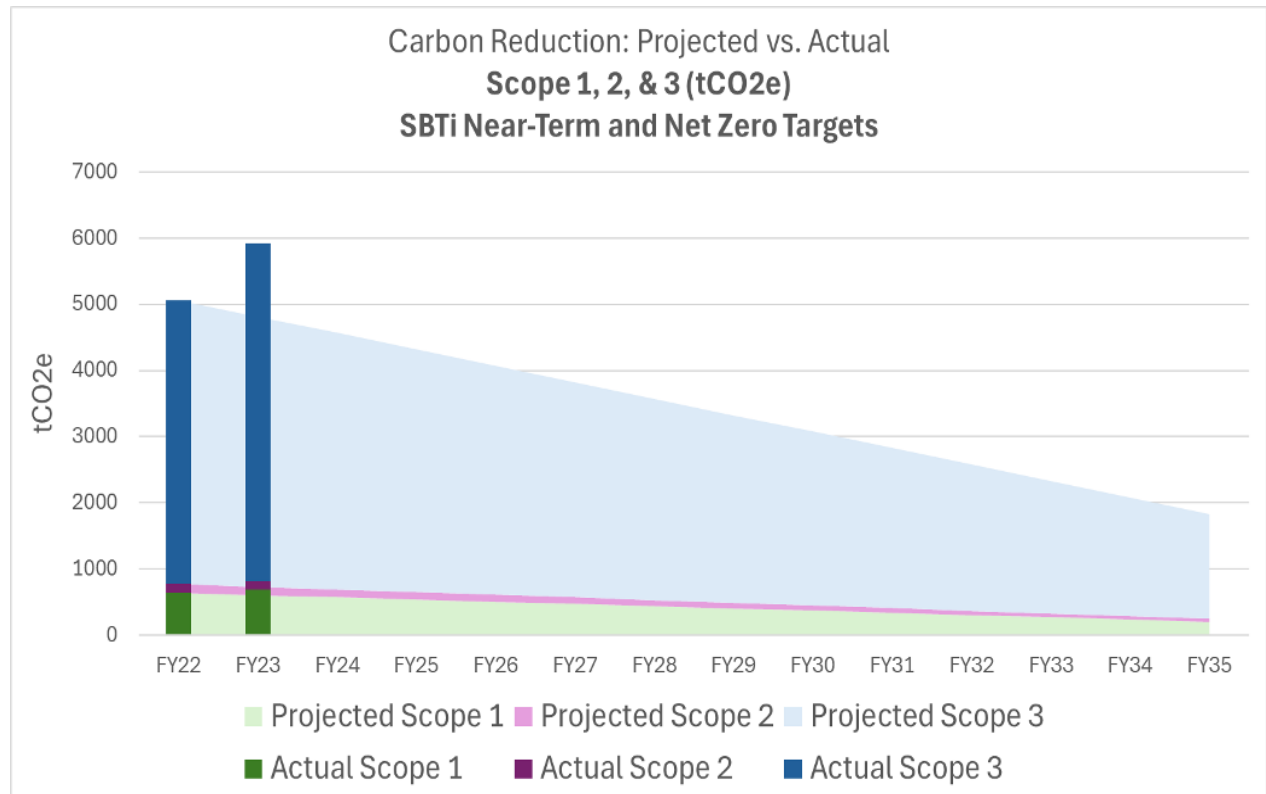
*Note: Numbers are rounded

Emissions reduction targets

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

We project that total carbon emissions will decrease over the next five years to 3,075 tCO₂e by 2030. This is a reduction of 42% of Scope 1 and 2, and 39% of Scope 3. This sets us up for an absolute reduction to Net Zero by 2045.

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2022 baseline. The carbon emission reduction achieved by these schemes does not equate to a reduction against the 2022 baseline at this time due to delay in reduction initiative effect, and we anticipate reductions to be evidenced in FY24 and FY25 carbon emissions calculations. The measures will be in effect when performing the contract.

Actions taken during this period include the following:

- Recruitment of a Sustainability Officer to manage energy efficiency projects, collect accurate usage and consumption data, establish ESG action plans and assess environmental risks and opportunities.
- Installing EV electric charging points at 3 Company sites – including HQ in the UK.
- Replacing UK commercial vehicles with 100% electric vehicles.

- Replacing the UK sales fleet with hybrid vehicles, reducing overall petrol consumption and emissions.
- Switching UK sites to a renewable energy tariff backed by REGOs. As the REGOs were only adopted at the end of the financial year, we only use location-based reporting and will include market-based reporting when necessary.
- We have conducted a Product Carbon Footprint on our leading product and will assess additional Tristel products in the coming months/years.

In the future we will continue to implement measures such as:

- We will reduce refrigerant emissions by initially tracking our refrigerant volume use and deploying more sustainable alternatives.
- Continue our journey of switching out combustion engine vehicles to hybrid or electric vehicles across global operations.
- We are switching to renewable energy tariffs at our global operations where available.
- We are installing solar panels at our global premises wherever possible.
- We are identifying third party haulers who can offer a carbon zero service for transportation and distribution.
- Sign up to SBTi with our Near-Term and Long-Term Net Zero targets in the process of being validated with the following statement:

“Our company commits to reduce scope 1 and scope 2 GHG emissions 42% from a 2022 base year, and to measure and reduce its scope 3 emissions. Our company commits to reach net-zero by 2045. As part of this, it commits to reduce scope 1, 2, and 3 emissions 90% by 2045 from a 2022 base year.”

We intend to prioritise our focus on the following CDP-recommended carbon emissions reduction initiatives:

- Company policy or behavioural changes:
 - Supplier engagement, customer engagement, change in purchasing practices, resource efficiency, waste management
- Energy efficiency in production processes
 - Smart control systems
- Fugitive emissions reductions
 - Refrigerant leakage reduction
- Low-carbon energy consumption
 - Low-carbon electricity mix
- Transportation
 - Business travel policy, teleworking, employee commuting, company fleet vehicle replacement
- Waste reduction and material circularity
 - Waste reduction, product design, product/component/material recycling

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:


Liz Dixon (05-Mar-2025 08:24 GMT)

Finance Director

Date: **05-Mar-2025**
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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>






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Final Audit Report

2025-03-05

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