



Carbon Reduction Plan

Supplier name

Tristel Plc

Publication date

14 August 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: 2022

(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. We use the GHG Protocol Methodology.

Baseline year emissions:

Emissions	Total (tCO ₂ e)
Scope 1	641
Scope 2	132
Scope 3 (included sources)	4,291
Total emissions	5,064

Scope 3 categories include:

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

Intensity metrics -
(tCO2e/£ m turnover) 162.8
(tCO2e/employee avg headcount) 25.4

Current emissions reporting

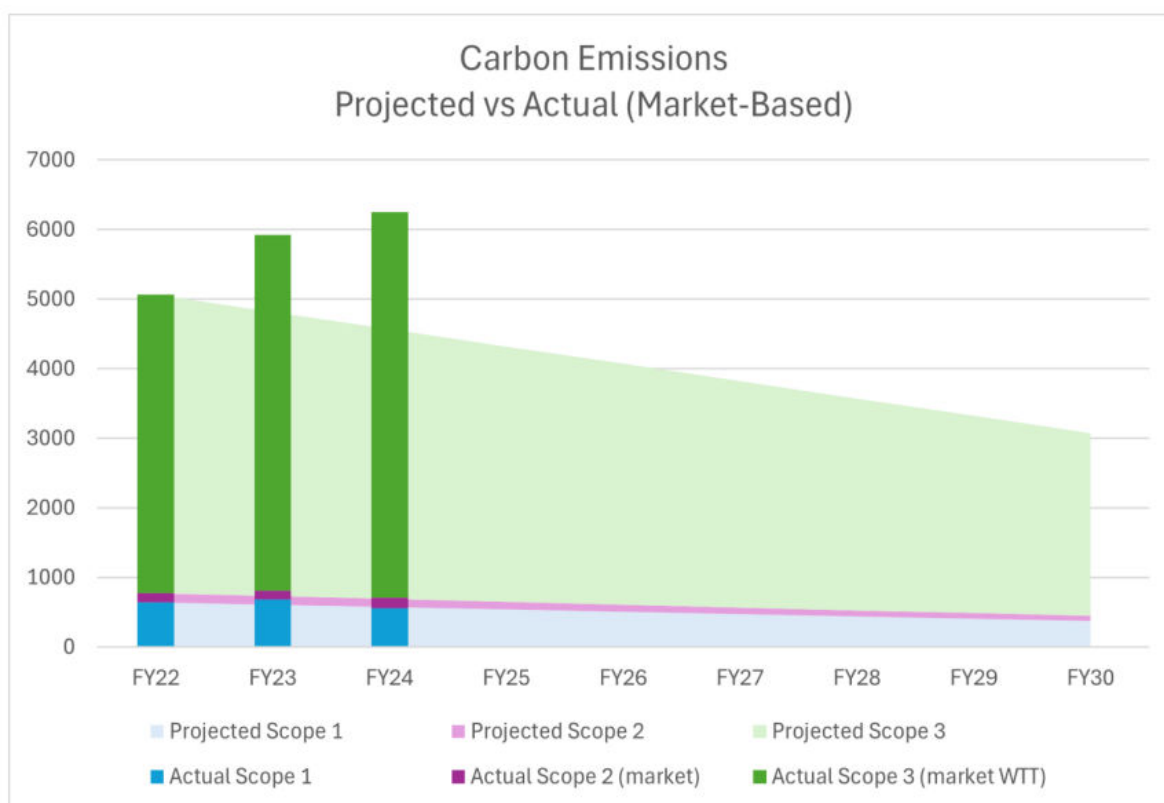
Reporting year: 2024 (1 July 2023 to 30 June 2024)	
Emissions	TOTAL (tCO2e)
Scope 1	561
Scope 2 (market-based)	144
Scope 3 (included sources)	5,547
Total emissions	6,252
Scope 3 categories include:	
Transportation and distribution (upstream and downstream) – 427	
Purchased goods and services – 3,651	
Business travel – 446	
Employee commuting – 419	
Capital goods – 396	
Waste generated in operations – 11	
Other Categories – 197	
Intensity metrics –	
(tCO2e/£ m turnover) 159.8	
(tCO2e/employee avg headcount) 26.2	

Emissions reduction targets

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 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.

Please see projected vs actual emissions 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 yet equate to a reduction against the 2022 baseline due to a delay in reduction initiative effect. The measures will be in effect when performing the contract.

Science Based Targets Initiative (SBTi):

The Science Based Targets initiative (SBTi), a collaboration between CDP, the United Nations Global Compact, World Resources Institute (WRI), and WWF, drives ambitious climate action in the private sector by enabling companies to set emissions reduction targets grounded in climate science.

In May 2025, Tristel achieved a significant milestone: our near-term and net-zero targets were **validated and approved by the SBTi**. This independent verification confirms that our climate goals align with the 1.5°C pathway and global net-zero ambitions.

Our approved targets are:

- **Near-term target:** *"Our company commits to **reduce Scope 1 and Scope 2 GHG emissions 42% by 2030** from a 2021 [FY22] base year, and to measure and reduce its Scope 3 emissions."*
- **Net-zero target:** *"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 2021 [FY22] base year."*

These targets reflect our commitment to science-based climate action and position us to contribute meaningfully to a low-carbon, sustainable future.

We have not yet seen an improvement due to reduction initiatives from our baseline year as we have focused upon a data collection programme. We will now be able to shift focus to developing a Climate Transition Action Plan and see tangible results from our initiatives.

Environmental Impact Focus Areas:

- **Office Renewable Energy Use:** Our offices use electricity, natural gas, and propane. We are actively transitioning to certified renewable energy sources and have already made this shift in several locations. UK sites on renewable tariffs (REGOs/RGGOs); global rollout planned where possible.
- **SBTi Validation:** Our net-zero targets are validated by the Science Based Targets initiative.
- **Product Footprint:** The Trio System's carbon footprint was assessed and third-party verified; more products to follow.
- **Refrigerants:** Tracking and exploring low-emission alternatives.
- **Fleet Transition:** Shifting company vehicles to hybrid/electric models.
- **Solar Installations:** Adding solar panels to feasible sites.
- **Logistics:** Partnering with providers offering carbon-neutral transport and distribution.
- **Business Travel:** Improving data and existing policies to track and reduce emissions and encourage electric.
- **Supplier Engagement:** Working with top 25 suppliers (60% of spend) to reduce Scope 3 emissions and pursue SBTi validation.

Sustainable Product Development – Highlights

We advanced our commitment to sustainable solutions through:

- **Exploring low-carbon wipe substrates** in collaboration with specialist manufacturers, ensuring suitability for our target markets and clinical applications.
- **Completing a third-party verified Product Carbon Footprint (PCF)** for our primary product, *The Trio Wipes System*.
- **Preferential Selection of Sustainable Raw Materials in R&D**
 - New product developments will include a review of raw materials with better environmental profiles.
 - A new section has been added to reports to document sustainability considerations.
- **Sustainable Supplier Selection**
 - Prioritise raw material suppliers offering more sustainable options (e.g. bio-based feedstocks, local sourcing) and with ESG goals aligned to ours.
- **Staff Learning and Development**
 - Encourage participation in ESG-related training, events, and conferences.
 - Introduced a timesheet category to log hours spent on ESG learning.

- **Promoting Women in STEM**
 - Measure and report the percentage of women in STEM roles across the company, now included in Diversity, Equality, and Inclusion KPIs.

Sustainable Product Development – Highlights

- **Reducing Raw Material Waste (Lab)**
 - Promote careful sampling practices to minimise chemical waste in lab activities.
- **Reducing Physical Material Waste (Lab)**
 - Reduce reliance on single-use materials wherever feasible.
- **Improving Recycling of Lab and Production Consumables**
 - Investigate on-site recycling options for items such as pipettes, tips, sample pots, wipes, and gloves.

Future carbon reduction initiatives

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

We prioritise **CDP-recommended carbon reduction initiatives**, including:

- **Policy and behavioural changes:** supplier/customer engagement, sustainable procurement, resource efficiency, and waste management
- **Energy efficiency in operations:** smart control systems
- **Fugitive emissions reduction:** refrigerant leakage prevention
- **Low-carbon energy use:** increasing renewable electricity mix
- **Sustainable transport:** business travel policy, teleworking, fleet electrification
- **Waste and circularity:** product design, recycling, and material reuse

Looking Ahead

We will continue to embed sustainability into product design and development by:

- **Enhancing data collection processes** to improve accuracy and insight.
- **Prioritising recycled content and recyclable materials**, and compiling data to assess and track product recyclability.

Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 006 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 standard¹³ and uses the appropriate government emission conversion factors for greenhouse gas company reporting.¹⁴

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements (where required), 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) Standard.¹⁵

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:

Matt Sassone

..Matt Sassone (18-Aug-2025 09:52:52 GMT+1).....

Matt Sassone, CEO

Date: 18-Aug-2025

¹³ <https://ghgprotocol.org/corporate-standard>

¹⁴ www.gov.uk/government/collections/government-conversion-factors-for-company-reporting

¹⁵ <https://ghgprotocol.org/standards/scope-3-standard>