



Tradebe Environmental Services UK Carbon Reduction Plan 2026

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Our Commitment to Net Zero

Tradebe Environmental Services UK (TES UK) provides vital environmental solutions for waste produced in all types of industry. Sustainability drives what TES UK do, and it is our aim to drive the circular economy. Our business must find approaches which reduce the emissions released within our operations and across our value chain, whilst maintaining the critical waste management services TES UK provide. TES UK is committed to achieving Net Zero greenhouse gas (GHG) emissions by 2040, which is in advance of the UK's commitment to achieve Net Zero by 2050.

Setting a Baseline Carbon Footprint

Quantification of baseline emissions forms the reference point against which any future emission reductions are measured. TES UK's baseline is defined as the emissions for the period 1st January 2021 to 31st December 2021. This approach ensures the baseline is representative of a typical calendar year where services are operating as usual across the business. TES UK has used the UK GHG Conversion Factors for Company Reporting (2021) to calculate emissions related to each Scope.

TES UK calculates and reports its GHG emissions in accordance with the GHG Protocol Corporate Accounting and Reporting Standard and aligns its sustainability disclosures with the Global Reporting Initiative (GRI) Standards. This ensures that our emissions data is robust, transparent, and consistent with internationally recognised best practices.

Baseline Carbon Footprint (2021)

Table 1 - Emissions breakdown by entity for the 2021 baseline, all Scopes

Legal Entities	Sites	tCO ₂ eq	% Emissions
Tradebe Fawley Ltd	Fawley	115,825	62.63%
Scotoil Services Ltd	Scotoil	226	0.12%
Labwaste Ltd	Hinckley	65	0.03%
Inutec Ltd	Inutec	264	0.14%
Avanti Environmental Group Ltd	Charleywood Road, Rock Highland, Highland Waste, Image Park, Alva	5,181	2.80%
Tradebe Heysham Ltd	Heysham	3,225	1.74%
Tradebe Northwest Ltd	Cheshire	315	0.17%
Tradebe Healthcare National Ltd	Redditch, Wrexham, Swindon, Rochester, Queenslie	22,820	12.34%
Tradebe Gwent Ltd	Gwent, Bridgend	8,509	4.60%
Tradebe Solvent Recycling Ltd	Hendon dock, Rye	28,520	15.42%
Total		184,950	100.00%

Table 2 - Emissions breakdown by Scope for the 2021 baseline

Emissions	Description	Total (tCO ₂ eq)
Scope 1	Emissions from sources that are owned or controlled by the company.	153,609
Scope 2	Emissions from the generation of electricity, which is then purchased by the company.	4,956
Scope 3	Emissions that are a consequence of the activities of the company but occur at/are controlled by another company. (Included sources are Upstream Transportation & Distribution, Waste Generated in Operations, Business Travel, Employee Commuting and Downstream Transportation & Distribution)	26,385
Total Emissions		184,950

Analysis of 2021 data shows that ~86% of our carbon footprint arises from our own site operations and electricity purchases, shown as Scope 1 and 2 emissions; these consist predominantly of direct GHG emissions from incineration processes. The remaining ~14% of emissions are reported in Scope 3 and occur at sources owned or controlled by businesses in our value chain. Due to the nature of our industry, our value chain is considerably simpler than most manufacturing processes. Therefore, whilst emissions from transport and distribution, employee commuting and business travel are reported, their impact amounts to less than 2% of our footprint. Using standard UK factors, the major contributor to Scope 3 emissions is residual waste sent to landfill (12%).

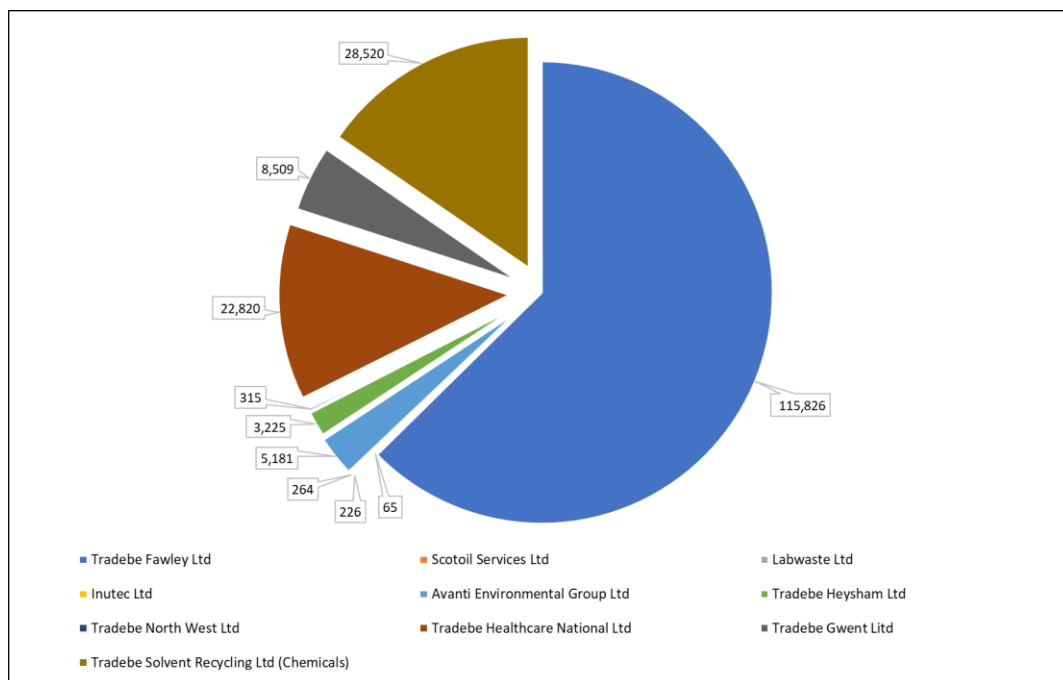


Figure 1 - Pie chart showing TES UK's emission breakdown, by bidding entity, for 2021

The 2021 baseline data shows that emissions are heavily concentrated within a small number of sites and activities. Tradebe Fawley Ltd is by far the largest contributor, producing 115,825 tCO₂eq, which accounts for 62.63% of total emissions. Other significant contributors include Tradebe Solvent Recycling Ltd (15.42%) and Tradebe Healthcare National Ltd (12.34%), while the remaining entities individually contribute less than 5%. This indicates that targeted reduction initiatives at the highest-emitting sites could deliver the most impact on overall carbon reduction.

Emissions are dominated by Scope 1 sources, which account for 153,609 tCO₂eq. Scope 3 emissions contribute 26,385 tCO₂eq, highlighting the importance of supply chain and indirect activities, while Scope 2 emissions from purchased electricity are relatively small at 4,956 tCO₂eq. Together, these results emphasise the importance of understanding operational intensity and process-related emissions across all sites, as well as improving visibility and management of indirect emissions sources to support a more balanced and resilient carbon reduction strategy.

Current Emissions Reporting (2025)

Table 3 - Emissions breakdown by entity for 2025, all Scopes

Legal Entities	Sites	tCO ₂ eq	% Emissions
Tradebe Fawley Ltd	Fawley	88,574	73.25%
Scotoil Services Ltd	Scotoil	411	0.34%
Labwaste Ltd	Hinckley	672	0.56%
Inutec Ltd	Inutec	165	0.14%
Avanti Environmental Group Ltd	Charleywood Road, Rock Highland, Highland Waste, Image Park, Alva	6,062	5.01%
Tradebe Heysham Ltd	Heysham	2,352	1.95%
Tradebe Northwest Ltd	Cheshire	513	0.42%
Tradebe Healthcare National Ltd	Redditch, Wrexham, Swindon, Queenslie	12,464	10.31%
Tradebe Gwent Ltd	Gwent, Bridgend	9,712	8.03%
Total		120,925	100.00%

Table 4 - Emissions breakdown by Scope for 2025

Emissions	Description	Total (tCO ₂ eq)
Scope 1	Emissions from sources that are owned or controlled by the company.	98,191
Scope 2	Emissions from the generation of electricity, which is then purchased by the company.	249
Scope 3	Emissions that are a consequence of the activities of the company but occur at/are controlled by another company. (Included sources are Upstream Transportation & Distribution, Waste Generated in Operations, Business Travel, Employee Commuting and Downstream Transportation & Distribution)	22,485
Total Emissions		120,925

Our 2025 emission data show that ~81% of the total emissions output for the year was made up of sites' Scope 1 and 2 emissions. The biggest contributor to these emissions were the stack emissions from the Fawley and Wrexham incineration sites, emitting 87,154 tCO₂eq out of the total 98,191 tCO₂eq Scope 1 emissions. Due to the majority of UK sites now running completely off renewable energy, sourced from biogenic energy production, the total Scope 2 emissions through electricity consumption only amounts to 249 tCO₂eq. The remaining ~19% of the emissions are reported as the Scope 3 emissions; the main contributor of the Scope 3 emissions is the waste generated in operations, accounting for 19,677 tCO₂eq of the 22,484 tCO₂eq total emissions. In total, 21,915 tCO₂eq is associated with the company's upstream Scope 3 emissions, and the remaining 579 tCO₂eq being Scope 3 downstream emissions.

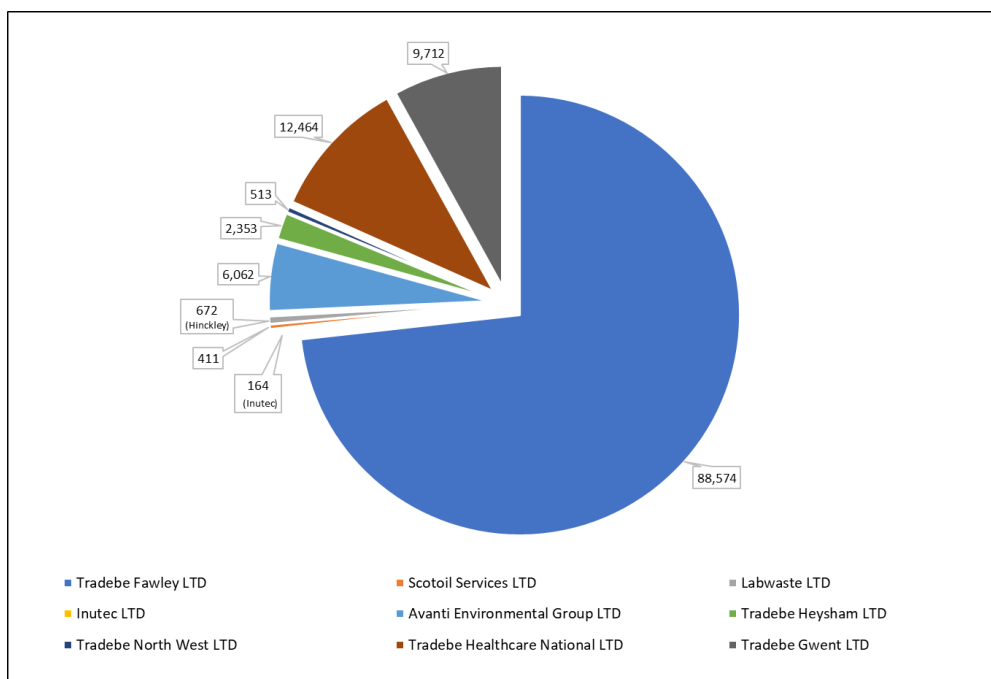


Figure 2 - Pie chart showing TES UK's emission breakdown, by entity, for 2025

Table 5 - Table showing emissions breakdown per Scope, and the % change, from the 2021 baseline to 2024 and 2025

Emissions Category	2025 tCO ₂ e	2025 % of Total	2024 tCO ₂ e	2024 % of Total	2021 tCO ₂ e	2021 % of Total
Scope 1	98,191	81.20%	114,545	81.66%	153,609	83.05%
Fuel Usage	10,776	8.91%	12,386	8.83%	37,910	20.50%
Stack Emissions	87,154	72.07%	101,772	72.56%	115,699	62.55%
Wastewater Emissions	261	0.22%	388	0.28%	0	0%
Scope 2	249	0.21%	446	0.32%	4,956	2.68%
Electricity usage	249	0.21%	446	0.32%	4,956	2.68%
Scope 3	22,485	18.59%	25,276	18.02%	26,385	14.27%
Upstream Transport & Distribution	1,699	1.41%	2,914	2.08%	2,094	1.13%
Business Travel	176	0.15%	216	0.15%	150	0.08%
Waste Generated in Operations	19,677	16.27%	21,192	15.11%	23,009	12.45%
Employee commuting	363	0.30%	367	0.26%	265	0.14%
Downstream Transport	570	0.47%	587	0.42%	867	0.47%
Total	120,924	100.00%	140,267	100.00%	184,950	100.00%

Roadmap to Net Zero

Progress towards Net Zero is tracked against the following trajectory, which incorporates the short- and long-term targets defined in this commitment. **Fig. 3** below shows how TES UK are performing in line with the predicted emissions trajectory, both in terms of real emission values and also underlying ones too:

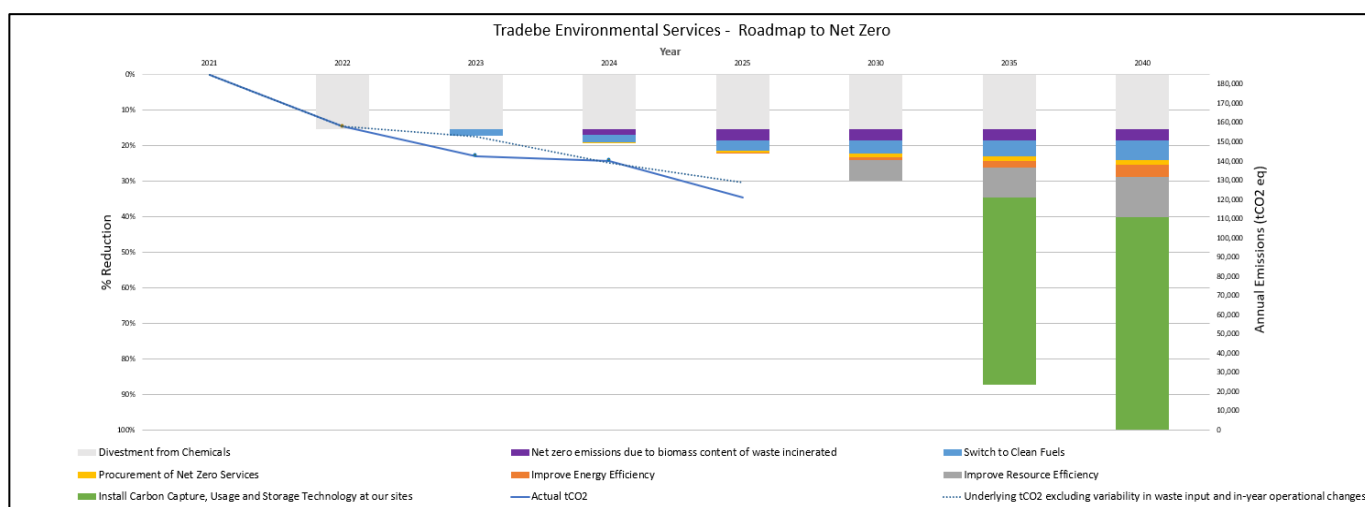


Figure 3 - Graph showing TES UK's roadmap to Net Zero by 2040, updated for 2025's data

*2024 data in **Fig. 3** has been re-adjusted for a correction in upstream transport & distribution, which has decreased by 1,638 tCO₂eq since what was reported in the 2024 CRP, meaning a further improvement in emissions reduction in 2024.

- Between 2021 and 2025, the main contributors to emission reduction have come from TES UK's divestment away from chemicals (Tradebe Solvent Recycling Ltd) and also the consolidation of the Swindon and Rochester healthcare sites.
- In 2025, TES UK achieved a reduction of 34.62% from our baseline year. This is a further 12.77% again from last year's report, and a total 15.89% ahead of schedule to what was projected for 2025.
- Between 2024 and 2025, there has been a 16,354 tCO₂eq drop in Scope 1 emissions, a 192 tCO₂eq reduction in Scope 2 emissions, and a 2,791 tCO₂eq drop in Scope 3 emissions. Showing a consistent and yet again another effective year for TES UK in its projection towards Net Zero by 2040.
- TES UK have seen a decrease in total tonnage processed during 2025, which could result in an artificial improvement in carbon footprint. To account for this, the graph above shows 'Underlying tCO₂eq excluding variability of waste input and in-year operational changes.' This represents the performance with normalised in-year variations and fluctuations caused by factors outside of our improvement plans. For 2025, TES UK have made the following adjustments to calculate this performance:

- a. Upstream transport/distribution emissions have been adjusted to be the same as 2023, so any reductions due to a reduction in operations is not accounted for.
 - b. Emissions from our Rock Highland site (transport unaffected) have been adjusted to be the same as 2023, as the 2024 and 2025 emissions were lower due to a decrease in activity for the site in those years.
 - c. Wastewater emissions have been adjusted to have the same quantity of wastewater discharged as 2023, but the same nitrogen content of the wastewater as 2025, to account only for the reduction in emissions.
 - d. Redditch emissions from 2024 have been included as if the incineration operations were still continuing. The incinerator on site has not been fully decommissioned and upgrading it in the future is still a potential option.
- There is consistency between actual and adjusted figures improving; the gap between actual emissions and adjusted emissions reflects operational variability, but the consistent downward trend in both confirms real performance improvements.
 - By 2030, TES UK anticipate that Net Zero procurement, decarbonisation of fuels, and efficiency improvements will provide a cumulative reduction of 30% from baseline emissions.
 - TES UK plan that by 2035 we will install carbon capture, usage, and storage (CCUS) technology at our Fawley incineration site, which is our largest incinerator and accounts for 63% of our total baseline carbon emissions. This will provide a cumulative reduction of 87% from baseline carbon emissions.
 - Final reduction to Net Zero emissions will be through increased use of clean fuels, improved fuel efficiency, diverting waste from landfill and installing CCUS in our final incineration sites.

Net Zero Objectives

In addition to carbon reduction achievements, the following systemic achievements have been made to underpin our Net Zero journey:

- All sites are certified to ISO14001 (Environmental Management) and ISO50001 (Energy Management).
- Our Heysham site and our high temperature incinerator, at Fawley, are signed up to industry sector climate change agreements (CCAs), targeted at achieving sector wide decarbonisation. Compliance has been achieved in all previous target periods.
- TES UK works with existing and potential customers to measure waste life stage emissions for our customers using a Life Cycle Assessment tool complying to ISO14044.
- TES UK have committed to an action plan compliant with the UK Energy Saving Opportunity Scheme (ESOS), which includes multiple equipment upgrades and process efficiency improvements across the UK sites to reduce energy consumption.
- 16 out of 18 of the operational sites have electricity supplied from certified renewable sources.
- In 2025 TES UK further progressed with the internalisation of the transport fleet, meaning it will have more control over our transport emission

TES UK have set the following forward-looking objectives to progress to Net Zero:

- ***Net Zero Emissions Due to Biomass Content of Waste Incineration***

A proportion of TES UK waste incinerated at the three incineration sites in Wrexham, Redditch and Fawley is known to contain biomass, and therefore Net Zero GHG emissions. It is expected from January 2026 TES UK will be calculating the amount of waste which is biomass and will be regularly monitoring the biomass of waste incinerated. This is expected to account for a reduction of ~3% of total emissions. This reduction will fluctuate depending on the waste composition.

- ***Switching to Clean Fuels***

TES UK aims to switch to clean fuels across our own sites and our transport fleet as these become economically available, with a gradual replacement programme completed in 2040. TES UK is currently undergoing a trial electric LGV and is evaluating the benefit of using clean fuels in transport. We continue to work with our energy supplier to ensure our electricity supply is derived from 100% renewable sources.

- ***Improving Energy Efficiency***

TES UK aims to increase energy efficiency for all non-renewable energy consumption within our own sites and transport. This reduces the emissions related to burning of fossil fuels alongside the transition to clean fuels. TES UK is expecting energy efficiency improvements to reduce total emissions by ~3% by 2040. TES UK have committed to several energy efficiency improvements through our ESOS action plan, for example upgrading out of date equipment to improve efficiency and changing site processes to reduce consumption.

- ***Improving Resource Efficiency***

TES UK aims to reduce the quantity of waste sent to landfill and incineration by finding new innovative treatment and recovery routes to move waste up the waste hierarchy. For example, TES UK are working on re-using sharps containers and diverting them from incineration routes by end 2027. TES UK is also exploring the benefit of diverting all Tradebe healthcare treatment sites' residual waste from landfill to energy-from-waste facilities. This is estimated to reduce Scope 3 emissions by 4,122 tCO₂eq.

- ***Increasing Procurement of Net Zero Services***

TES UK aims to reduce emissions from Scope 3 emissions category- upstream transportation and distribution. This is by selecting haulage providers who mirror our commitment to achieve Net Zero by 2040. TES UK is also working on changing our operations to internalise our transport fleet. Although this will not initially reduce our emissions, it will provide us with more control over our transport emissions and allow us to accelerate our transition to clean fuels in transport

- ***Install Carbon Capture, Usage & Storage (CCUS) Technology***

TES UK aims to invest in CCUS technology to capture carbon emissions unrelated to fuel usage i.e. those resulting directly from waste being incinerated. CCUS is currently at the forefront of innovative solutions in accelerating the UK's transition to Net Zero. TES UK target installation of CCUS at Fawley, our largest incineration site, by 2035, which will reduce our total emissions by ~87% by 2035. By 2040 TES UK will also have installed CCUS technology at Wrexham and Redditch incineration sites (if incineration operations are re-introduced at Redditch), which will reduce total related emissions by 100%.

- ***Improving Data Quality and Verification***

TES UK aims to continually improve the availability, accuracy and reliability of all data used to calculate our business' carbon footprint. TES UK have implemented a centralised approach to manage this data, integrated into our reporting.

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 GHG Reporting Protocol corporate standard and uses the 2025 UK Government GHG Conversion Factors for Company Reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with methodologies described in the GHG Protocol Corporate Accounting and Reporting Standard, and the required subset of Scope 3 emissions have been reported in accordance with methodologies described in the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan is endorsed by the Tradebe Environmental Services UK Limited Executive Committee; reviewed and updated annually.

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