Carbon Reduction Plan

Supplier name: Severn Trent Services (including Severn Trent Services Defence Ltd and Severn Trent Services Operations UK Ltd), part of Severn Trent Plc

Publication date: July 2025

Commitment to achieving Net Zero

Severn Trent Services is committed to achieving operational Net Zero emissions across Scope 1 and 2 by 2030, and full Net Zero across Scope 1, 2 and 3 by 2050.

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: FY2023/24	
Additional Details relating to the Baseline Emissions calculations.	
Severn Trent Services has followed the Greenhouse Gas (GHG) Protocol and set our operational boundary as Operational Control when calculating our carbon footprint. Scope 1 and 2 emissions are calculated using actual data from invoices and fuel card reports. In line with the GHG Protocol's guidance on acquisitions, we have incorporated additional Scope 1 emissions into our baseline to account for a recent acquisition. Scope 3 emissions have been calculated using a combination of actual data, including from suppliers, and spend data from our purchasing reports. In this carbon reduction plan we are reporting only the scope 3 categories required to align with PPN06/21criteria; however, a more complete Scope 3 breakdown is available upon request.	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	1705.04
Scope 2	2.58
Scope 3 **(Included Sources)**	766.28 (Categories 4, 5, 6 and 7. Category 9 is not applicable to STS)
Total Emissions	2,471.42

Current Emissions Reporting

Reporting Year: FY2024/25	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	1796.67
Scope 2	2.13
Scope 3 **(Included Sources)**	1000.16 (Categories 4, 5, 6 and 7. Category 9 is not applicable to STS)
Total Emissions	2,798.96

Emissions reduction targets

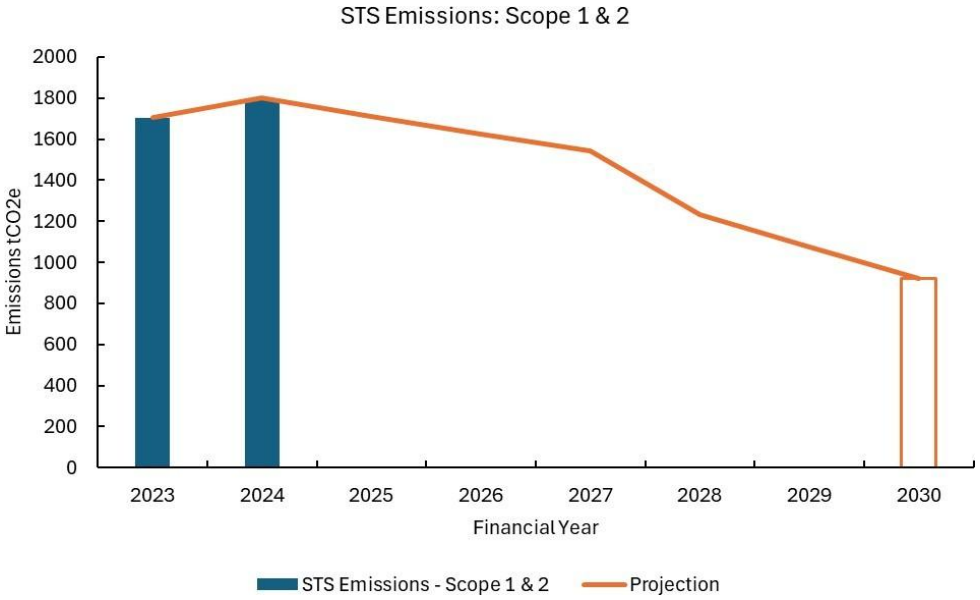
In order to progress to achieving Net Zero, we have adopted the following carbon reduction targets:

- **Operational Net Zero across scope 1 and 2 by 2030**
  - Reduce scope 1 and 2 emissions by 46% by 2030 compared to 2023
    - Including a specific target to reduce our fleet engine idling emissions by 20% by 2026

- **Full Net Zero across scope 1, 2 and 3 by 2050**
  - Interim target to reduce scope 3 emissions by 15% by 2030 compared to 2023
    - Including reducing business travel emissions (Category 6) by 20% by 2030

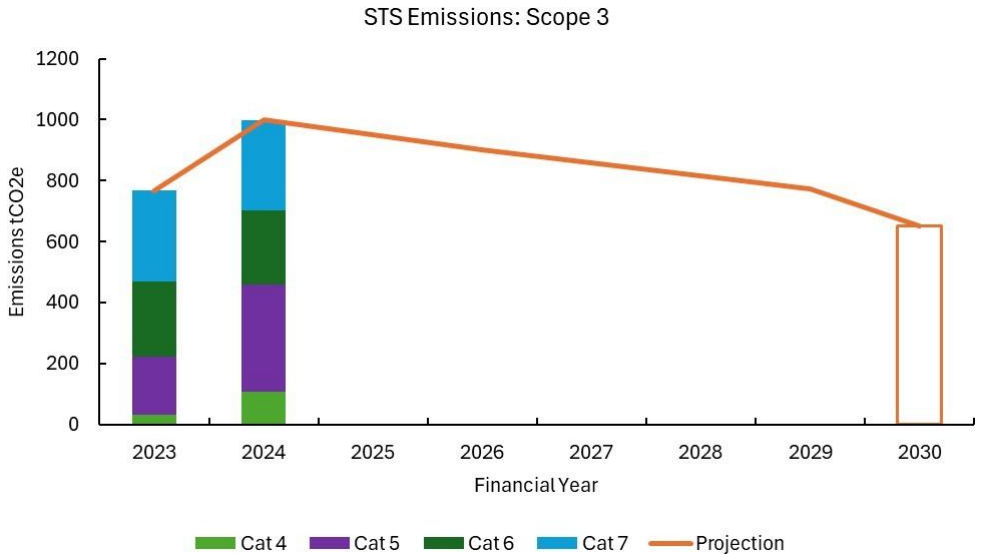
These targets have been refined from our original plan as our understanding of our carbon footprint and our influence has developed. For example, we have removed our target to trial HVO due to recent concerns about fraud in the accreditation system. However, we believe HVO and other lower carbon fuels could still play a role in decarbonising our HVGs and will review their potential over the next few years.

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



In 2024/25, we are introducing seven new electric vans into our fleet, replacing existing diesel vans, which will reduce our Scope 1 emissions. Severn Trent Services has begun implementing a new scheduling efficiency tool, and combined with our new EVs, we expect at least a 5% reduction in Scope 1 this year (2025).

Currently, we have very limited access to EV charging facilities, as we primarily operate from customer sites without EV chargers. As a result, we anticipate a more significant reduction in emissions closer to 2030, driven by the rapid expansion of public charging infrastructure and investment by our customers in accessible EV charging. We are aiming for a 46% reduction in Scope 1 and 2 compared to our baseline year, aligning with our parent company, Severn Trent Plc's commitment to a Science Based Net Zero Target[1] and operational net zero by 2030.



[1] Climate change | Environment | Sustainability | Severn Trent Plc

Our scope 3 data continues to improve as we engage with more suppliers to obtain accurate data, while also refining our own methodology. This is why there is a significant increase compared to our baseline in Category 5 and 4 in our Scope 3 data. Despite this, we remain committed to achieving a 15% reduction in emissions over the next 5 years across the Scope 3 categories, through increasing recycling rates, collaborating with our suppliers and our employees switching to EVs.

Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2023 baseline. These initiatives as yet have not reduced our emissions compared to our baseline year. However we anticipate that these reductions will be reflected in next year's emissions total, and the measures will be in effect when performing the contract:

- **Reduction in fleet vehicle idling emissions by 23% in 2024 compared to 2023** – exceeding our initial target and one year ahead of target.
- **Scheduling Optimisation Tool** – we are rolling this out across our regional teams and initial results have shown over 10% reduction in fuel consumption.
- **Changed our company car policy** – colleagues can only choose from electric and plug-in hybrid company cars as of 2025.
- **Continued our sustainability reps group** – bringing colleagues together from across STS to collaborate on sustainability issues.
- **Continue to assess our fleet to switch vans to electric** – seven new EVs this year replacing diesel vans. We have ensured with our new fleet supplier that our diesel vans can be switched to EV as soon as practical.
- **Trialled hybrid generators on customer projects** – our Oren Environmental team saved >5 tCO_2 emissions on one customer project, compared to standard diesel generators.
- **STS maintains ISO 14001 certification each year**.

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

- **Carbon Literacy Accreditation** – upskilling our staff on sustainability and embedding carbon action in all parts of Severn Trent Services.
- **Transitioning fossil fuel powered plant and equipment to low carbon alternatives** – such as renewable energy and low carbon fuels.
- **Technology and innovation** – we're exploring innovations in hydrogen production from wastewater, with plans being developed at one of our wastewater treatment works.

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 standard[2] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[3].

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) Standard[4].

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:



Date: 01 July 2025

Andrew Lee

Managing Director

[2] https://ghgprotocol.org/corporate-standard
[3] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[4] https://ghgprotocol.org/standards/scope-3-standard