

Carbon Reduction Plan

Supplier name: SES Engineering Services Limited

Publication Date: 1 June 2025

About Wates Group

The Wates Group, established in 1897, is the UK's leading family-owned development, building and property maintenance company. We employ almost 6,000 people and work with a wide range of public and private sector customers and partners. At Wates Group, we are committed to reimagining places for people to thrive by engaging with our customers, supply chain partners and the communities we serve. We are driven by our shared purpose and three enduring promises to ensure thriving places, people and planet. In 2022 we won the Queen's Award for Enterprise in the Sustainable Development category, making it the third time we have received the award.

SES Engineering Services (SES)

SES is a wholly owned subsidiary of Wates Construction Limited, which is a wholly owned subsidiary of Wates Group Limited. SES provides market-leading technical solutions for the built environment through the design, manufacture and installation of building services. With more than 50 years' experience SES provides complex technical solutions for clients across a range of sectors. Through its offsite manufacturing facility, Prism, SES provides an innovative alternative to labour-intensive, time-consuming on-site production and assembly.

The combination of SES' innovative approach, use of the latest technology to deliver great buildings, its commitment to reducing its impact on the environment and its exemplary HSE record bring benefits not only to SES and its clients but also to the wider industry. SES employs approximately 888 staff.

Prism

Prism Offsite Manufacturing is a highly acclaimed specialist business that provides a wide range of offsite products to support MEP installations on projects. Established in 2007, Prism is part of SES Engineering Services, owned by the Wates Group, and we are proud to share a strong engineering heritage coupled with an enviable construction expertise. Underpinning our commitment to quality and innovation in offsite technology is the continued acknowledgement of our product excellence by our industry peers.

Commitment to achieving Net Zero

As part of Wates Group Ltd, SES Engineering Services Ltd is committed to achieving carbon neutrality for its Scope 1 and 2 emissions by the end of 2025 and Net Zero emissions by the end of 2045.

SES Engineering Services is committed to protecting the environment by demonstrating high standards of environmental responsibility in all our operations and minimising the environmental impacts associated with our activities and services. The whole of Wates Group is also committed to the long-term sustainability of the built environment and has set a near-term science-based target that was externally validated by Science Based Target Initiative (SBTi) in October 2022. This was followed by our long-term Net-Zero carbon target validated target in 2023.

The targets are as follows:

- Wates Group commits to reduce absolute Scope 1 and Scope 2 GHG emissions by 46.2% by 2030 from a 2019 base year.
- Wates Group commits that 89% of our suppliers by emissions covering purchased goods and services, will have science-based targets by 2027.
- Wates Group commits to reduce absolute scope 1 and 2 GHG emissions 90% by 2045 from a 2019 base year & reduce absolute scope 3 GHG emissions 90% by same time frame.

The target boundary includes land-related emissions and removals from bioenergy feedstocks.

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 Year: 2019	
Additional Details relating to the Baseline Emissions calculations.	
<p>SES Engineering Services is a bidding entity which is a wholly owned subsidiary of Wates Construction Limited, which is a wholly owned subsidiary of Wates Group Limited. Wates Group Limited collects and reports carbon emissions at a group level based on an operational control boundary as defined by the Greenhouse Gas Protocol. The baseline emissions data set out in this carbon reduction plan have been approximated by apportioning emissions based on the bidding entity and its share of Wates Group Limited total revenue. The baseline waste data reporting represents waste removed by waste contractors directly employed by Wates Group bidding entities and excludes waste removed by third parties employed through subcontractors and Logistic Work Packages. Scope 3 transportation figures have been estimated based on available financial figures. Employee commuting figure has been estimated using the Quantis tool, as recommended by the GHG protocol.</p> <p>We continually review our greenhouse gas emissions data to improve data quality and reporting. In the case that we identify any material changes; we may recalculate the data in the future.</p>	
Baseline year emissions: 2019	
Emissions	TOTAL (tCO ₂ e)
Scope 1	1,016
Scope 2 (Market based)	276
Scope 3 (Included Sources)	<p>Upstream Transport: 384</p> <p>Waste: 14</p> <p>Business Travel: 561</p> <p>Employee Commuting: 703</p> <p>Downstream Transport: 0*</p> <p>Total Scope 3: 1,662</p> <p>*Downstream Transport is not applicable to SES Engineering Services Limited as we did not sell products that were transported or distributed to the end consumer during the reporting year.</p>
Total Emissions	2,954

Current Emissions Reporting

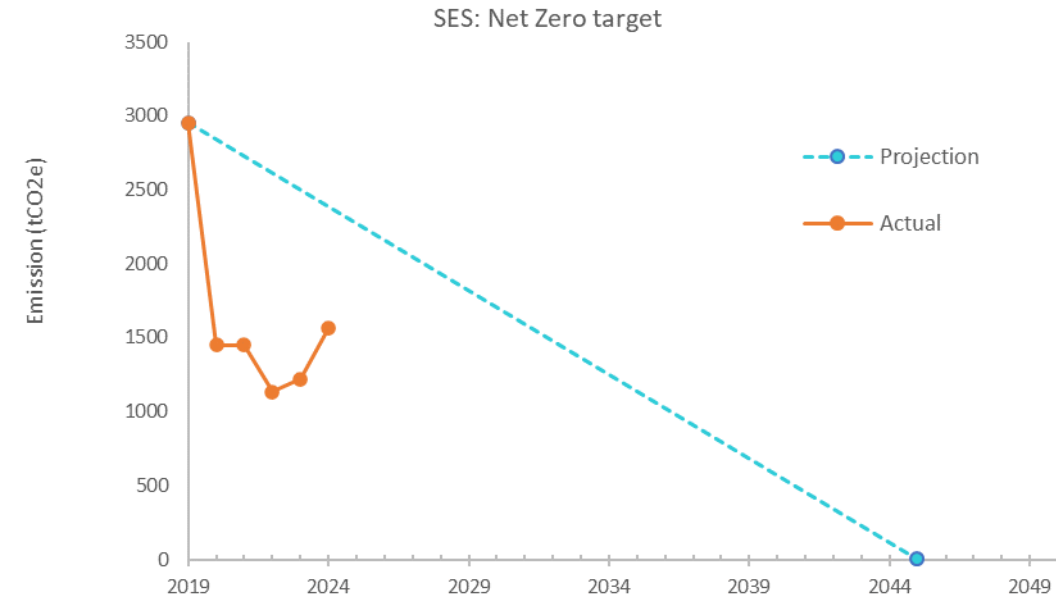
Reporting Year: 2024	
Emissions	TOTAL (tCO ₂ e)
Scope 1	365
Scope 2 (Market based)	81
Scope 3 (Included Sources)	Upstream Transport: 112 Waste: 1 Business Travel: 735 Employee Commuting: 273 Downstream Transport: 0* Total Scope 3: 1,121 *Downstream Transport is not applicable to SES Engineering Services Limited as it did not sell products that were transported or distributed to the end consumer during the reporting year.
Total Emissions	1,567

The Quantis tool used for calculating employee commuting has been retired, therefore we have changed to using the UK Department for Transport's modal comparisons TSGB01 statistical data set for calculating employee commuting.

Emissions Reduction Targets

Wates Group commits to achieve Net Zero by the end of 2045. The targets will be set in line with the reduction pathways for limiting global temperature rise to 1.5°C. We have set near-term science-based targets, which have been validated by the SBTi. This requires us to reduce our scope 1 and 2 emission by 46.2% by the end of 2030. For targets covering scope 3 emissions, Wates Group also commits that 89% of its suppliers by emissions covering purchased goods and services, will have science-based targets by the end of 2027.

SES Engineering Services comprises 7.4% of Wates Group by turnover. The progress against Net Zero target for SES Engineering Services by the end of 2045 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 2019 baseline and will be in effect when performing the contract. The carbon emission reduction achieved from 2019 to 2024 equates to 1,387 tCO₂e, a 47% reduction against the baseline. This is due to the carbon reduction initiatives outlined below.

To reduce carbon, we undertook the following carbon reduction initiatives outlined below, despite a significant increase in business turnover.

No	Emission Reduction Initiative	Action	Completion Date
1	Environmental Management System	In 2023 Wates environmental management system underwent a successful surveillance audit against ISO 14001:2015	2023
2	Renewable Electricity	93% of the electricity supplied was sourced from renewable energy tariffs backed by REGOs	2024
3	External Assurance	In early 2025, The Carbon Trust was engaged to undertake limited assurance of Wates Group Ltd.'s 2024 Scope 1, 2 and selected Scope 3 emissions (for waste and business travel), using the international standard ISO 14064-3. The Carbon Trust's full statement is available at: https://www.wates.co.uk/GHGassurance To reach its opinion, the Carbon Trust undertook a range of procedures over the GHG data. A summary of this work is included within its assurance opinion.	2025
4	Long-term Net Zero Science-Based Target	Set Long term Net Zero science-based targets for Scope 1, 2 & 3 carbon emissions	2023
5	Engage with supply chain to set science-based targets	Run workshops with the Supply Chain Sustainability School to set science-based targets and report on their carbon emissions.	2023
6	Establish a technical excellence centre	Establish a technical excellence centre to drive carbon reductions on our construction projects	2023
7	Trial tools to measure Scope 3 emissions data	Trial different approaches to capture category 1 Scope 3 data to allow more accurate reporting and benchmarking.	2023
8	Energy profiling	Develop an energy profiler to accurately forecast our power needs on projects and	2023

No	Emission Reduction Initiative	Action	Completion Date
		drive carbon reductions.	
9	Launch updated company car scheme	All new company cars to be electric. Older fossil-fuel powered vehicles will be phased out as their leases expire.	2023
10	Launch a new salary sacrifice scheme for EVs and PHEVs	Staff will be able to sacrifice part of their salary before tax to lease electric or plugin hybrid electric vehicles making these more affordable and reducing grey fleet emissions.	2023
11	Launch of SMART Waste	SMART Waste introduced to streamline the data collection and reporting of data relating to waste, materials, and energy use.	2025

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

No	Emission Reduction Opportunity	Action	Target Date
1	Develop a sustainable procurement plan to include a focus on reducing carbon emissions.	Finalise the sustainable procurement plan which includes a drive on reducing emissions reductions throughout our procurement processes	2025
2	Engage with supply chain partners to set science-based targets & other emission reduction initiatives.	Questionnaire issued to supply chain partners asking key sustainability questions. Run dedicated meetings/workshops with key supply chain partners to set science-based targets and act on their carbon emissions	2025
3	Trial wider suite of tools and calculators to measure Scope 3 emissions data	Trial different approaches to capture category 1 Scope 3 data to allow more accurate reporting and benchmarking	2026
4	Wider adoption of upfront carbon assessments	To expand embodied carbon measurement and reduction (A1-A5). Focus on upfront carbon assessments and wider use of EPD's to drive comparison and reporting.	2027
5	100 % Renewable Electricity	All directly purchased electricity used by SES projects from renewable sources	2025

No	Emission Reduction Opportunity	Action	Target Date
6	100% of plant electric or other zero carbon technology	Eliminate use of diesel for all plant across SES projects. Dependent on suppliers offering alternative equipment and bringing these to market. At present, we are maximising the use of grid connections to minimise the need for diesel generators. We are also taking steps to reduce diesel consumption on our projects through more efficient plant and site mobilisation process	2025
7	Introduction of new Environmental Management System Portal (Touchstone)	New Environmental Management System portal will provide projects with tailored environmental management for their projects. Enabling the effective targeting of carbon emissions across the project delivery process,	2025
8	Implementation of Environmental Sustainability Implementation Plan (ESIP)	SES ESIP developed to include Group and Divisional reporting KPI's. ESIP to be implemented across SES through Regional ESIP's.	2025
9	Implementation of Regional Environmental Sustainability Implementation Plans	Engagement with regional board to disseminate and implement local regional ESIP to deliver divisional ESIP.	2025
10	Develop Regional Carbon Reduction Plans	Working with regional boards and teams to understand regional carbon emissions and drive carbon reduction.	2025
11	Develop approach to circularity across project cycle.	Drive a focus on project circularity to reduce the carbon and waste associated with projects. Identify opportunity to implement change and case study successful outcomes.	2026

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 Executive Managing Director Rob Clifford on behalf of the board of directors.

Signed on behalf of the Supplier:



Date: 02/06/25

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>