
Carbon Reduction Plan

Supplier name: Wates Construction

Publication date: 30th September 2021

About the Wates Group

The Wates Group, established in 1897, is one of the leading privately-owned construction, residential development, and property services businesses in the UK. We employ approximately 3,700 people and work with a wide range of public and private sector customers and partners. Everything we do is guided by our purpose of working together to inspire better ways of creating the places, communities, and businesses of tomorrow. To fulfil our ambition to be a truly inclusive employer and to reflect the richness of the communities in which it is our privilege to work, we are committed to doubling the proportion of women at all levels of our business, encouraging more people with disabilities to work in our sector and to becoming more ethnically diverse. In 2021 we won the award for Private Sector Leadership at the National Social Value Awards. Visit us at: [wates.co.uk](https://www.wates.co.uk)

About Wates Construction

Wates Construction is a bidding entity which is part of Wates Group Limited. Wates Construction, the largest arm of Wates Group, is a UK-wide contractor working to shape a better built environment and lasting social legacy. Our expertise on complex projects within the public sector, education, residential, commercial and blue light sectors, means we efficiently deliver high performance buildings that enhance the places and communities around them. We are proud to offer a diverse and inclusive workplace, which has the development, safety and wellbeing of our people at the fore. For more information and examples of our work, visit: <https://www.wates.co.uk/services/construction/>

SES Engineering Services (SES) and Prism are separate entities within Wates Construction, but for the purposes of this Carbon Reduction Plan will be considered as a single bidding entity under Wates Construction.

SES Engineering Services

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.

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

Wates Construction is committed to achieving Net Zero emissions by **2045**.

Wates Construction 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. In particular, we recognise the importance of decarbonising our business and we have set an ambitious goal for Wates Construction operations to achieve net zero by **2045**.

The Wates Group is committed to the long-term sustainability of the built environment and is working to eliminate carbon (Scope 1 and 2) from its operations by 2025. The Wates Group has also committed to setting group wide targets through the Science Based Targets initiative (SBTi).

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: 2019

Additional Details relating to the Baseline Emissions calculations.

Wates Construction is a bidding entity which is part of Wates Group Limited. Wates Group Limited collect and report carbon emissions at a group level. The emissions data set out in this carbon reduction plan have been approximated by apportioning emissions based on Wates Construction share of Wates Group Limited total revenue. The waste data reporting represents waste removed by waste contractors directly employed by Wates Group bidding entities and Business Units. The figure excludes waste removed by third parties employed through subcontractors and waste that is included in Logistic Work Packages. Upstream and downstream 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.

The figures and information used in calculations have been provided as accurate to the best of our knowledge and as far as practicable we have assumed that figures are representative of our

operation. We undertake a continual process of improving our data quality. In the case that we identify any material changes, we may recalculate the data in the future. Noted that we have recently changed from location based to market based reporting.

Baseline year emissions: 2019

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	5,342
Scope 2	1,268
Scope 3 (Included Sources)	Upstream Transport: 1,764 Waste: 72 Business Travel: 2,424 Employee Commuting: 3,760 Downstream Transport: 3 Total Scope 3: 8,023
Total Emissions	14,633

Current Emissions Reporting

Reporting Year: 2020

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	3,471
Scope 2	324
Scope 3 (Included Sources)	Upstream Transport: 1,545 Waste: 166 Business Travel: 1,317 Employee Commuting: 3,693

	Downstream Transport: 3 Total Scope 3: 6,725
Total Emissions	10,519

Emissions reduction targets

We are in the process of setting interim emission targets as part of our submission to SBTi. The interim targets will be vital for us to determine our decarbonisation road map and the target setting process will better inform the measures required to achieve our net zero target by 2045. The targets will be set in line with the reduction pathways for limiting global temperature rise to 1.5°C. This Carbon Reduction Plan will be updated and revised accordingly after the SBTi submission has been made and interim targets set.

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 2020 equates to **4,114 tCO₂e**, a **28.1%** reduction against the 2019 baseline. This is due to the carbon reduction initiatives, alongside a reduction in business activities in 2020 due to the Covid-19 pandemic.

No	Emission Reduction Opportunity	Action	Completion Date
1	Environmental Management System	In 2020 Wates environmental management system was successfully recertificated to ISO14001:2015	2020
2	Renewable Electricity	81% of renewable electricity supplied from renewable energy tariffs used by the Group from a baseline of having zero electricity procured from renewable sources in 2016.	2020

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

No	Emission Reduction Opportunity	Action	Target Date
1	Environmental Management Certification	Seek recertification of Wates environmental management system to ISO14001:2015.	2021

No	Emission Reduction Opportunity	Action	Target Date
2	Set Science Based Targets	Set carbon reduction targets and get them approved by the Science Based targets Initiative (SBTi).	2022
3	100 % Renewable Electricity	Purchase all electricity used by the Group from renewable sources.	2025
4	100% of plant electric or other zero carbon technology	Eliminate use of gas oil for all plant across the Group by 2025.	TBC
5	100% cars and light vehicles electric or other zero carbon technology	Transition the groups entire fleet to low- or zero-carbon vehicles.	TBC

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 Group Safety, Health Environment, Quality & Sustainability Director, John Dunne, on behalf of the board of directors.

Signed on behalf of the Supplier:

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Date: 30/09/2021

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>