



Tate+Co

Towards a Sustainable Future

Our Carbon Reduction Plan Compliant with PPN 06/21



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Introduction

As architectural firms, we have the power to shape the future of our built environment. With this power comes the responsibility to create sustainable and low-carbon designs that contribute to a greener planet. We believe that by embracing innovative technologies and adopting a holistic approach, we can achieve significant carbon reduction while still delivering exceptional architectural solutions.

Our commitment to carbon reduction goes beyond meeting regulatory requirements. It is a reflection of our values and our vision for a sustainable future. By integrating energy-efficient design principles, renewable energy systems, and sustainable materials into our projects, we can minimize our carbon footprint and create buildings that are not only beautiful but also environmentally responsible.

We are excited about the opportunities that lie ahead. The architectural industry is evolving rapidly, and we are at the forefront of this transformation. By collaborating with clients, engineers, and other stakeholders, we can drive positive change and inspire others to follow suit. Together, we can create a future where sustainable architecture is the norm, and our buildings contribute to a thriving and resilient planet.

We extend our heartfelt gratitude to our dedicated sustainability team for their unwavering commitment and hard work in developing this carbon reduction plan. Their expertise and passion have been instrumental in shaping our vision and guiding us towards a more sustainable future. Together, we are making a positive impact on the environment and setting new standards for the architectural industry. Thank you for your invaluable contributions and for being champions of sustainability.



Head of sustainability

Our Carbon Reduction Targets

Tate+Co is committed to a reduction in all Scope 1, 2, and 3 emissions by 2050

100% by 2050

Reduction compared to 2024



To support this target and demonstrate our commitment to reduce our carbon emissions, we will produce a carbon reduction plan in line with PPN 06/21.

All our emissions reductions will be primarily achieved through ambitious carbon reduction projects and offsetting carbon emissions will only be considered in cases of unavoidable emissions or residual emissions. Tate+Co will work with its partners to establish a yearly emission reduction target and this KPI will be integrated into our reporting system to ensure annual targets are met.

Emissions Categories

Currently, we measure all our Scope 1 and Scope 2 emissions following the GHG protocol, and we measure a subset of scope 3 emissions (PPN 06/21 requirement) following the Corporate Value Chain Scope 3 Standard.

GHG Scope	Emissions sources
Scope 1	Direct emissions resulting from sources that are owned and controlled by Tate+Co
Scope 2	Indirect emissions from purchase of electricity and onsite EV charging
Scope 3	Indirect emissions from other sources not included in Scope 1 and 2 categories. We include in our carbon footprint scope 3 calculation business travel, deliveries we make, deliveries we receive, waste, commuting, work from home and supply chain purchases from our tier 1 suppliers



Working towards a more sustainable future

Commitment to Net Zero

Tate+Co is committed to reducing its carbon footprint by 100% by 2050 when compared to 2024. This report sets out a Net Zero road map, detailing the strategies we have put in place to achieve this goal.

Baseline Emissions

Our baseline emissions comparison year is 2023/24.

Baseline year emissions : Apr 2023- Mar 2024	
Emissions	TOTAL (tCO ₂ e)
Scope 1	1.6
Scope 2	2
Scope 3 (including sources)	5.7
Total emissions	9.3

Note: UK-specific emissions factors were used for all calculations - even for sites not in the UK

Baseline Year Calculation Assumptions

- Upstream transportation and distribution was estimated using general assumption on distance and the number of deliveries per month.
- We worked with Enistic Ltd who helped to conduct a staff survey. The survey received a 30% response and the data was used to calculate emissions from commuting and home working.
- Emissions from downstream transportation and distribution are estimated by multiplying monetary value of each journey by emission factors provided by DEFRA.
- Business travel emissions from flights, trains, taxis and ferries were also estimated by multiplying monetary value of each journey by emission factors provided by DEFRA.



Emissions Breakdown

Scope 1	Emissions TOTAL (tCO ₂ e)
1: Gas	1.6
Total Emissions Scope 1	1.6

Scope 2	Emissions TOTAL (tCO ₂ e)
2: Electricity	2
Total Emissions Scope 2	2

Scope 3	Emissions TOTAL (tCO ₂ e)
3.04: Deliveries (upstream)	0.5
3.05: Waste	0.09
3.06: Train	1.7
3.06: Tram or tube	0.1
3.06: Taxi-by-GBP-spent	0.1
3.06: Hotel Stays	0.3
3.06: Bus	0.004
3.06: Flights	1.8
3.07: Commuting by tram or tube	0.07
3.07: Commuting by bus	0.06
3.3: Transmission and Distribution (T&D)	0.2
3.3: Well-to-Tank (WTT)	0.8
Total Emissions Scope 3	5.7

TOTAL EMISSIONS	9.3 tCO₂e
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Emission Reduction Targets

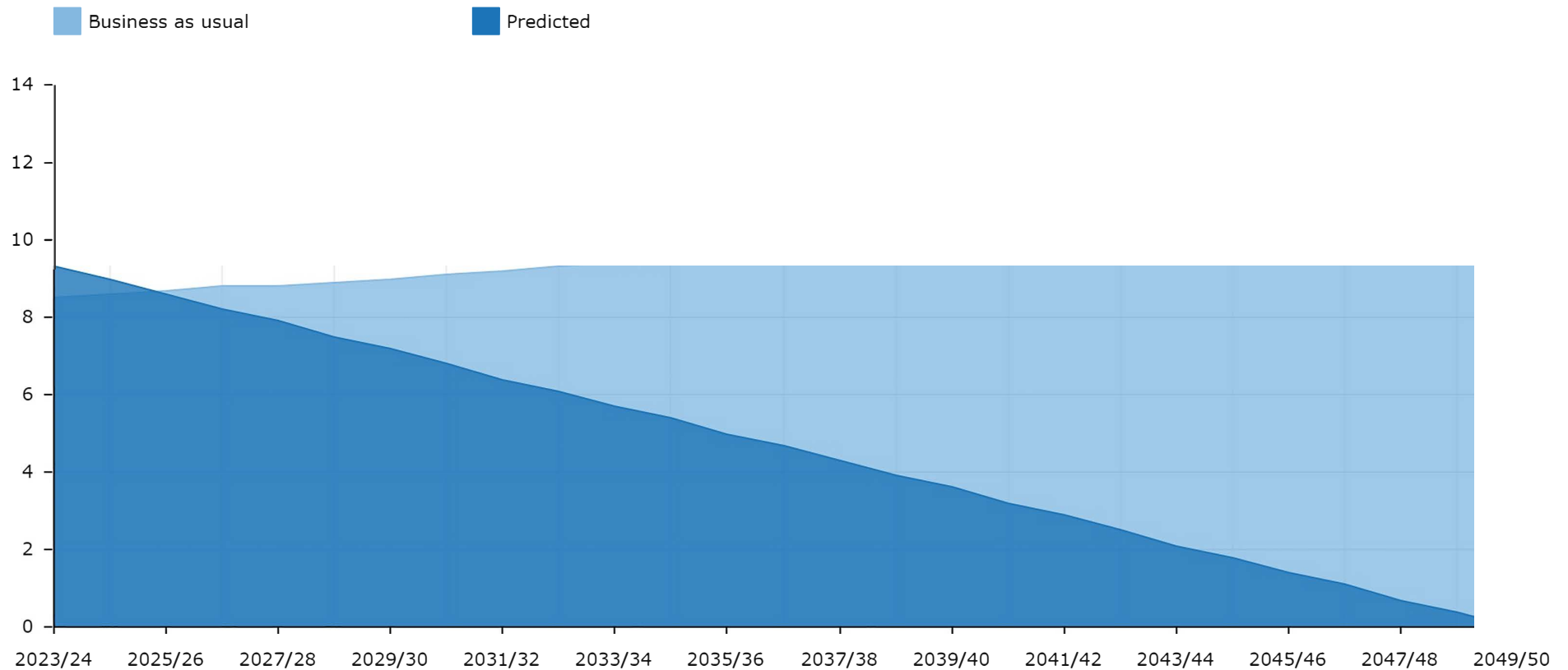
To continue our progress towards achieving Net Zero, we have developed a Net Zero target for 2050.

We project an absolute linear reduction in our emissions from our baseline year to net zero emissions by 2050. These targets may change as new projects are implemented.

Before our baseline year, we tracked scope 1 and 2 emissions. In future, we aim to work with our supplier to tackle our scope 3 emissions.

The graph on the right projects our future carbon emissions in two different scenarios. Starting with our emissions from the baseline year, (2024), the light blue area shows our potential emissions in a business-as-usual scenario, with no further carbon reduction projects implemented. The dark blue area shows our predicted carbon emissions based on our Net Zero target.

Emission Reduction Targets



These projections suggest that Tate+Co could save nearly 11 tCO2e by continuing existing or implementing new carbon reduction projects detailed in the next section.

Carbon Reduction Projects

The following environmental management measures and projects are currently in progress or in the planning stages.

Energy Monitoring

The Energy Monitoring project involves implementing an energy monitoring system within the firm's premises. This system enables real-time tracking and the optimisation of every consumption allowing for practice energy management.

Green Transportation

The Green Transportation project involves promoting the use of green transport options among the employees of the firm. This includes electric vehicles, cycling and other sustainable modes of commuting.

LED Light Bulbs

To reduce our electricity emissions for lighting purposes, we are investigating replacing our remaining non-LED lights with energy-efficient LED ones. The replacement programme would take place anywhere we still use non-LED lighting such as fluorescent bulbs and incandescent bulbs.

Remote Working

The Remote Working project involves promoting and implementing remote working practices within the firm. By allowing employees to work from home or other remote locations, commuting related carbon emissions can be significantly reduced.

Tracking Progress

Current reporting year: 2024

Baseline year: 2024

Scope	Baseline year	Current year	Change compared to baseline year	Change compared to baseline year (%)
	01 Apr 23 - 31 Mar 24 tCO2e	01 Apr 23 - 31 Mar 24 tCO2e		
1: Gas	1.6	1.6	0	0% -
2: Electricity	2	2	0	0% -
3.04 Deliveries (upstream)	0.5	0.5	0	0% -
3.05 Waste	0.09	0.09	0	0% -
3.06 Bus	0.004	0.004	0	0% -
3.06 Flights	1.8	1.8	0	0% -
3.06 Hotel Stays	0.3	0.3	0	0% -
3.06 Taxi-by-GBP-spent	0.1	0.1	0	0% -
3.06 Train	1.7	1.7	0	0% -
3.06 Tram or tube	0.1	0.1	0	0% -
3.07: Commuting by bus	0.06	0.06	0	0% -
3.07: Commuting by tram or tube	0.07	0.07	0	0% -
3.3: Transmission and Distributor (T&D)	0.2	0.2	0	0% -
3.3: Well-to-Tank (WTT)	0.8	0.8	0	0% -
Total	9.3	9.3	0	0% -
1100 (sqft)	1,100	1,100		
tCO2 / sqft	0.008	0.008	0	0% -

Carbon Offsets

Seaweed Farming Innovations Cornwall

This project is an opportunity to invest in early stage, nature-based innovation and help write the science to scale up seaweed farming across the South West of the UK.

This option is under consideration but no definitive commitment has been established.

Peatland Protection Rimba Raya

The Rimba Raya Biodiversity Reserve Project is protecting one of the most highly endangered ecosystems in the world. Without this project, the carbon-rich, peatland forest of Rimba Raya would have been turned into palm oil estates.

This option is under consideration but no definitive commitment has been established.

Dryland Protection Kasigau Wildlife Corridor

The Kasigau Corridor Project is a REDD+ project based in Rukinga, Kenya. It protects an expanse of over 200,000 hectares of dry land Acacia-Commiphora forest, home to over 2,000 elephants.

This option is under consideration but no definitive commitment has been established.

Declaration

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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with the Streamlined Energy and Carbon Reporting (SECR) requirements and the subset of Scope 3 emissions have been reported in accordance with the published standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the Head of Sustainability at Tate+Co.

Date: 3rd May 2024

A handwritten signature in black ink, consisting of a stylized 'O' followed by a series of loops and a horizontal line extending to the right.

