

PASCALL+WATSON

ARCHITECTS

CARBON REDUCTION PLAN | PPN 06/21

2024

UNDERSTAND | TRANSFORM | ACHIEVE

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About this Document

In preparing this document we have taken all care to ensure there are no errors or discrepancies in the information contained.

In the event that errors are found, or the document is not up to the standard you expect from us, or you require additional copies; please contact the author, or forward details to Pascall+Watson architects at the address on the back cover.

THE COMPANY

OUR NET ZERO COMMITMENT

Pascall+Watson is an Architecture company with years of experience providing services at all design stages from concept to delivery and are recognised experts in designing and executing complex buildings.

The company continues to enjoy a diverse pipeline of architectural design and opportunities across an array of sector types, design stages, client bodies, consultants and contractor types.

The Company's head office is based in London, UK, with satellite offices in Limerick and Dublin in Ireland, and Abu Dhabi in the UAE.

Pascall+Watson recognises that the built environment significantly impacts the climate and the natural world. We are committed to improving the sustainability of the built environment and achieving the global goal of Net Zero Carbon by 2050.

We have committed to reducing the company's carbon emissions by 46% by 2030 equivalent to an average reduction of 4.1% annually.

Pascall+Watson is committed to achieving Net Zero emissions by 2040.

The company is committed to investing in company initiatives, research and staff training in order to make the company and build we design more sustainable



DEFINITIONS

SCOPES AND CATEGORIES

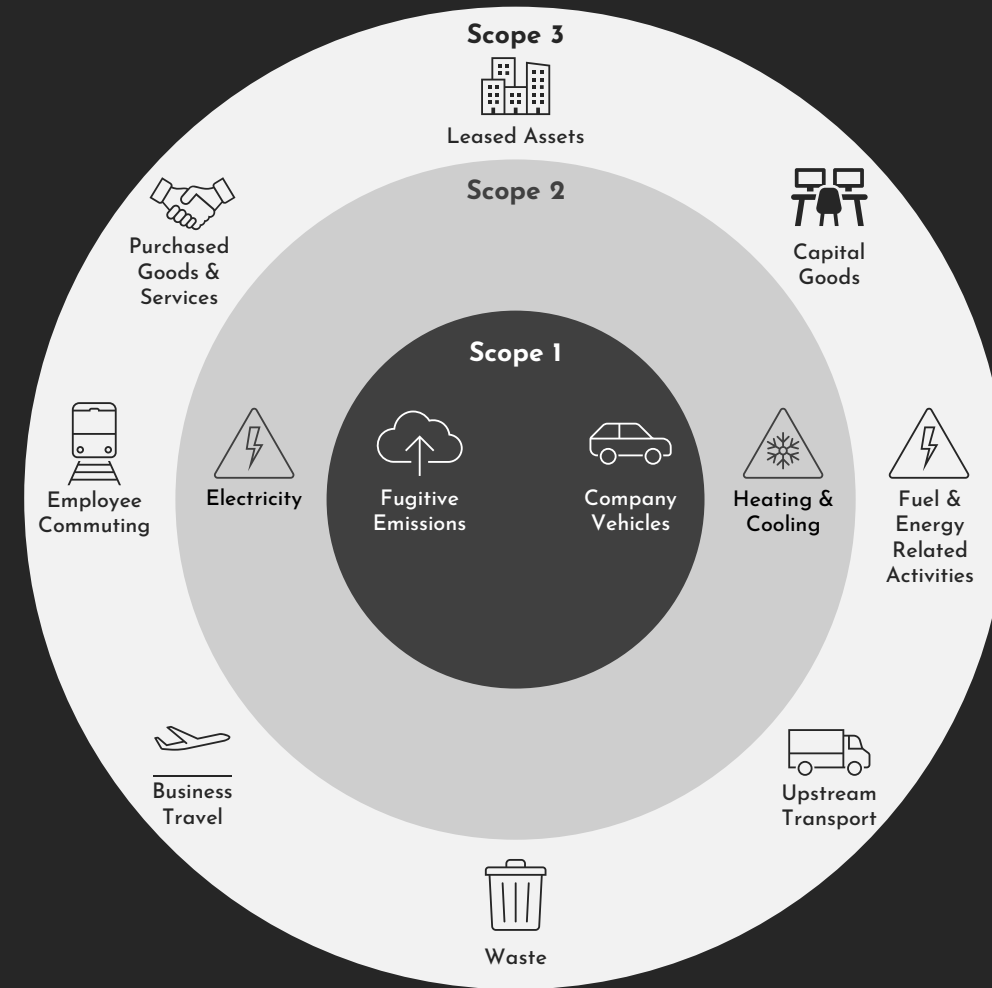
Pascall+Watson measure and report across all three greenhouse gas protocol scopes and all applicable categories within those scopes.

The GHG Protocol Corporate Standard classifies a company's GHG emissions into three 'scopes'.

Scope 1 emissions refer to the direct emissions produced from sources that are owned or controlled by an organisation.

Scope 2 emissions are indirect emissions from the generation of purchased energy.

Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions.



CARBON REDUCTION INITIATIVES

Pascall+Watson is pragmatically targeting carbon emission reductions in all areas of the business.

Our SBTi carbon reduction targets and methodology have been validated.

Our carbon management and reduction strategy is verified to PAS 2060 standard. We will be migrating to the new ISO 14068-1 standard for future verifications.

Our environmental management systems are certified to ISO 14001 standard.

SBTi

This target was approved using a streamlined target validation route exclusive to small and medium-sized enterprises (SMEs).

NEAR TERM	LONG TERM	NET-ZERO	DATE PUBLISHED
1.5°C	1.5°C	2040	2022



PAS 2060

Pascall+Watson's carbon management and reduction strategies are verified to PAS 2060 standards.



ISO 14001

Pascall+Watson's environmental management systems are certified to ISO 14001 standards.



BASELINE EMISSIONS FOOTPRINT

2019

Baseline emissions refer to the records of greenhouse gases produced in the past, before the introduction of any strategies to reduce emissions.

Baseline emissions serve as the reference point against which emissions reductions can be measured.

ADDITIONAL BASELINE EMISSIONS DETAILS

Pascall+Watson has calculated its CO₂e emissions by considering all Scope 1, 2, and 3 emissions that fall under its operational control. Emissions from categories or functions not relevant to this business have been excluded.

The baseline CO₂e emissions were retrospectively calculated using available data, and where necessary, incomplete correction factors were applied to enhance accuracy when data was lacking.

The year 2019 was selected as the baseline year, as it is not affected by anomalies or inconsistencies related to the COVID-19 pandemic.

Baseline Year Emissions | 2019

Emissions	Total (tCO ₂ e)
Scope 1	2.7
Fuel Combustion	0.000
Company Vehicles	2.584
Fugitive Emissions	0.125
Scope 2	36.4
Electricity	35.505
Heating & Cooling	0.925
Scope 3	2,756.1
Purchased Goods & Services	1,611
Capital Goods	112.100
Fuel & Energy Related	7.600
Upstream Transport	8.100
Waste	8.900
Business Travel	779.600
Employee Commuting	112.000
Upstream Leased Assets	0.000
Investments	116.400
Total Emissions	2,795.2

CURRENT EMISSIONS FOOTPRINT

2024

Our 2024 carbon has been calculated at 1,898.9 tCO₂e, 15.9% lower than our target of 2,257 tCO₂e.

Current Year Emissions | 2024

Emissions	Total (tCO ₂ e)
Scope 1	0.0
Fuel Combustion	0.000
Company Vehicles	0.000
Fugitive Emissions	0.000
Scope 2	13.06
Electricity	13.060
Heating & Cooling	0.000
Scope 3	1,885.84
Purchased Goods & Services	1,449
Capital Goods	32.510
Fuel & Energy Related	1.240
Upstream Transport	0.450
Waste	0.090
Business Travel	82.80
Employee Commuting	71.67
Upstream Leased Assets	248.07
Total Emissions	1,898.9

EMISSIONS REDUCTION TARGETS

We project that carbon emissions will decrease over the next five years to 1,903.213 tCO₂e by 2029. This is a reduction of 20.9%.

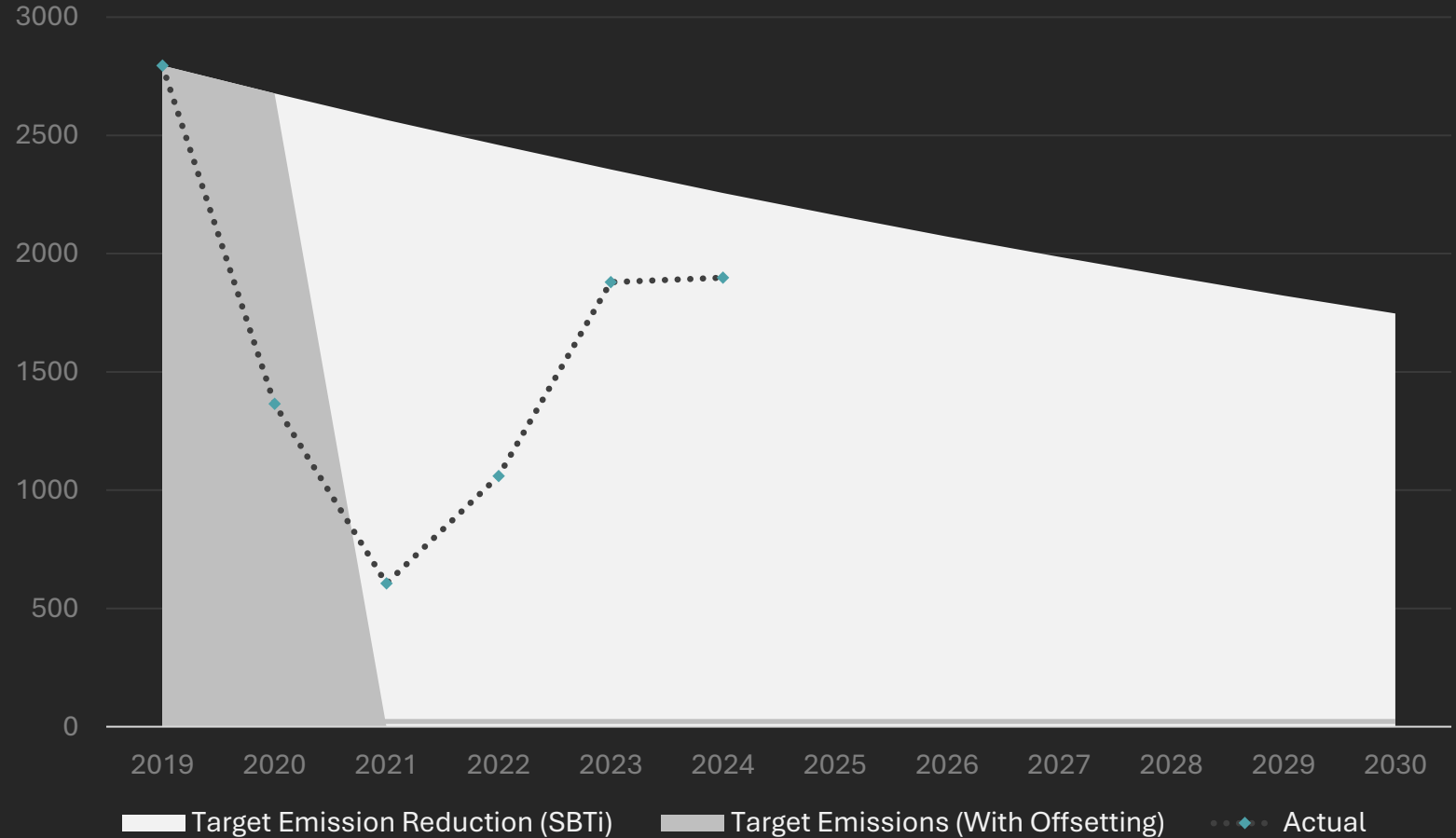
For 2030 and 2040 milestones, we target to decrease our emissions by 46% to 1,747.429 tCO₂e and 90% to 1,140.148 tCO₂e respectively.

OFFSETTING

As of 2021, Pascall+Watson has achieved carbon-neutral status by utilising carbon offsetting.

However, we acknowledge that offsetting is not a sustainable long-term solution, and significant reductions in the company's carbon emissions are essential.

When we do employ offsetting, we exclusively use VCS and GS-verified methods.



CARBON REDUCTION PROJECTS

PAST AND CURRENT

We have implemented the following carbon reduction projects since our 2019 baseline inventory.

The carbon emission reduction achieved by these schemes equate to 897 tCO₂e, a 32% reduction against the 2019 baseline and the measures will be in effect when performing the contract.



RENEWABLE ENERGY

Our London office is supplied by 100% renewable energy.

This has resulted in a 100% reduction against the baseline.



SUPPLY CHAIN

We are assessing our supply chain to understand their carbon emissions and the impact on our business.

This has resulted in a 60% reduction in some individual cases against the baseline.



BUSINESS TRAVEL

We encourage staff to hold online meetings whenever possible. We have created an in-house calculator to help staff choose less carbon-intensive travel options if they must travel.

This has resulted in an 86% reduction against the baseline.



HYBRID WORKING

We maintained a hybrid working policy, reducing commuting-related carbon emissions.

This has resulted in a 36% reduction against the baseline.



WASTE

We champion recycling. However, in our London office no non-recyclable waste ends up in landfill and is processed for energy instead.

This has resulted in a 90% reduction against the baseline.

CARBON REDUCTION PROJECTS

FUTURE

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



CERTIFICATION

Gain ISO 14068-1 certification through third-party accreditation.



SUPPLY CHAIN

Actively engage with a supply chain with Net Zero goals.



PRINTING

Eliminate printing to become an actual paperless company, promoting the use of technology instead.



WASTE

Dramatically reduce our waste to energy waste stream, with recycled waste becoming the predominant stream.

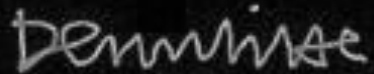
DECLARATION AND SIGN-OFF

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 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 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.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.



Daniel Cunliffe | Managing Director

Date 04/04/25



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