

Carbon Reduction Plan

FY2024-2025





pluszero

Executive Summary

Jestico + Whiles has completed its carbon emissions assessment for the financial year September 2024 to August 2025, following Greenhouse Gas Protocol procedures and Procurement Policy Note (PPN) 06/21. This report marks the first year of comparative reporting against the practice's updated comprehensive baseline (established in the financial year of 2023/24) and tracks progress along our carbon reduction pathway toward achieving net-zero emissions by 2050.

In 2024/25, the London operations generated a total of 296 tonnes of CO₂ equivalent (normalised as 4.35 tCO₂e/FTE). This represents a 5.4% reduction in total absolute emissions compared to the 2023/24 baseline of 312 tCO₂e.

While the total footprint remains relatively stable, the composition of the practice's emissions has shifted significantly. The primary contributors are now Purchased Goods and Services (48%), Capital Goods (24%), and Scope 2 Indirect Emissions (8%), which collectively account for 80% of total emissions.

19	Scope 1 Direct Emissions
24	Scope 2 Indirect Emissions
262	Scope 3 Other Indirect Emissions
141	Scope 3 - Cat.1* Purchased Goods and Services
72	Scope 3 - Cat.2* Capital Goods
9	Scope 3 - Cat.3* Well-to-tank Electricity Transmission Losses
2	Scope 3 - Cat.4 Upstream Transportation and Distribution
0.6	Scope 3 - Cat.5 Waste Generated in Operations
9	Scope 3 - Cat.6 Business Travel
13	Scope 3 - Cat.7 Employee Commuting and WFH
5	Scope 3 - Cat.8 Upstream Leased Assets
1	Scope 3 - Cat.9 Downstream Transportation and Distribution

* Additional categories not required by PPN 06/21

Key Emission Trends

With a comprehensive baseline now established, we are able to accurately track year-on-year trends across all reported Scopes and Categories. Notable variations this year include:

Business Travel (Scope 3 – Category 6): Emissions in this category saw a dramatic reduction, falling from 108 tCO₂e in 2023/24 to just 9 tCO₂e this year (a 92% decrease). This steep decline is primarily due to the completion of specific major projects in the previous year that had previously necessitated high volumes of flights, and a presumption in favour of alternative means of travel.

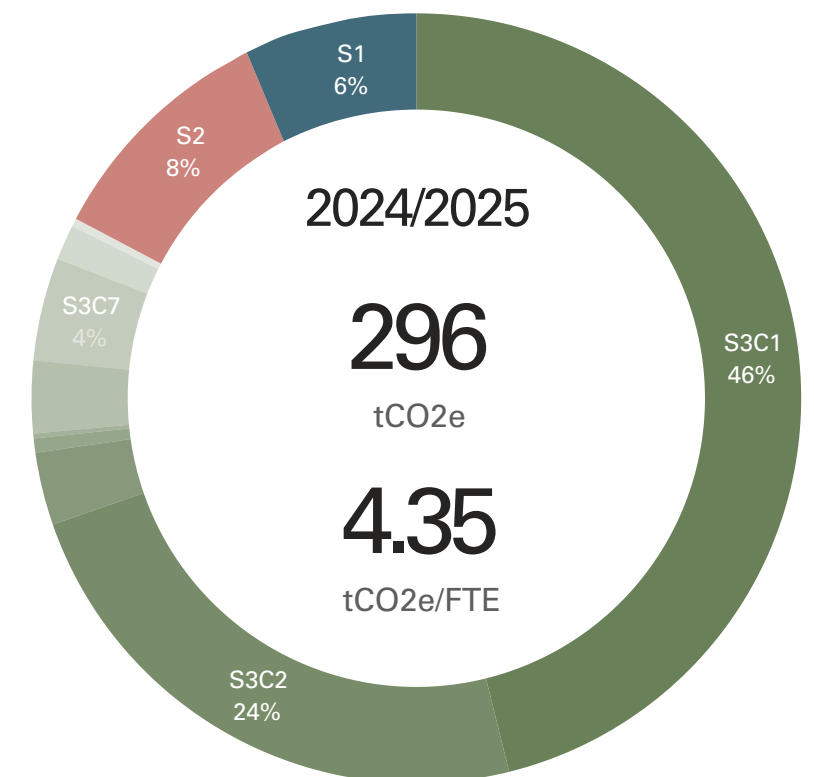
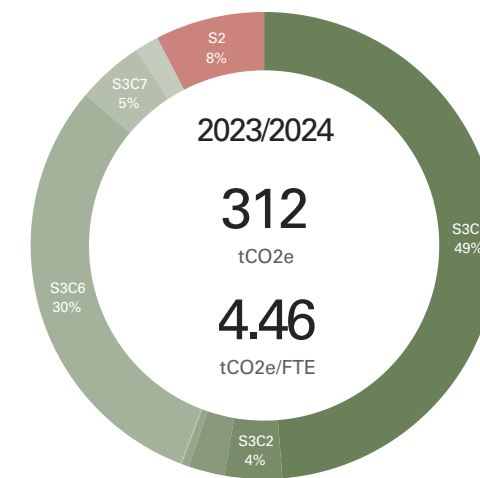
Capital Goods (Scope 3 – Category 2): Emissions increased significantly from 14 tCO₂e to 72 tCO₂e. This rise reflects a periodic overhaul of our IT infrastructure as the company has been sweating its IT assets to the maximum, using many of the IT systems well beyond recommended periods and past the point where suppliers would provide warranty support. To support agile remote working and keep pace with the high technological demands of graphics processing and AI, the practice invested in upgrading laptops and PCs for many users. This also contributes to reduced commuting and travel to meetings. As major hardware refreshes occur every few years, this represents a cyclical peak rather than a permanent operational increase.

Purchased Goods and Services (Scope 3 – Category 1): As our largest emissions category, emissions from this category rose slightly from 130 tCO₂e to 141 tCO₂e (an 8.5% increase). This change was driven primarily by an increased expenditure on outsourced professional services - including legal, sub-consultants and accounting - utilised by the company during the financial year.

Scope 1 (Direct Emissions): Direct emissions rose from 0 to 19 tCO₂e due to an isolated fugitive emissions event. A faulty heat exchanger in a server room air conditioning unit required replacement; as the exact volume of refrigerant lost was unquantifiable, we took a conservative approach and reported a 100% loss of the system's gas. To mitigate future environmental impact, the replacement system utilises R32 refrigerant, which has a significantly lower Global Warming Potential (GWP).

Strategic Commitments

Following the recalibration of our emissions baseline last year, Jestico + Whiles is continuing to evaluate formal validation through the Science Based Targets Initiative (SBTi) as a potential next step in the coming months. In the interim, the practice remains firmly committed to our established carbon reduction pathway, which continues to provide a robust and practical framework for driving ongoing emissions reductions and achieving our ultimate goal of net-zero emissions by 2050.

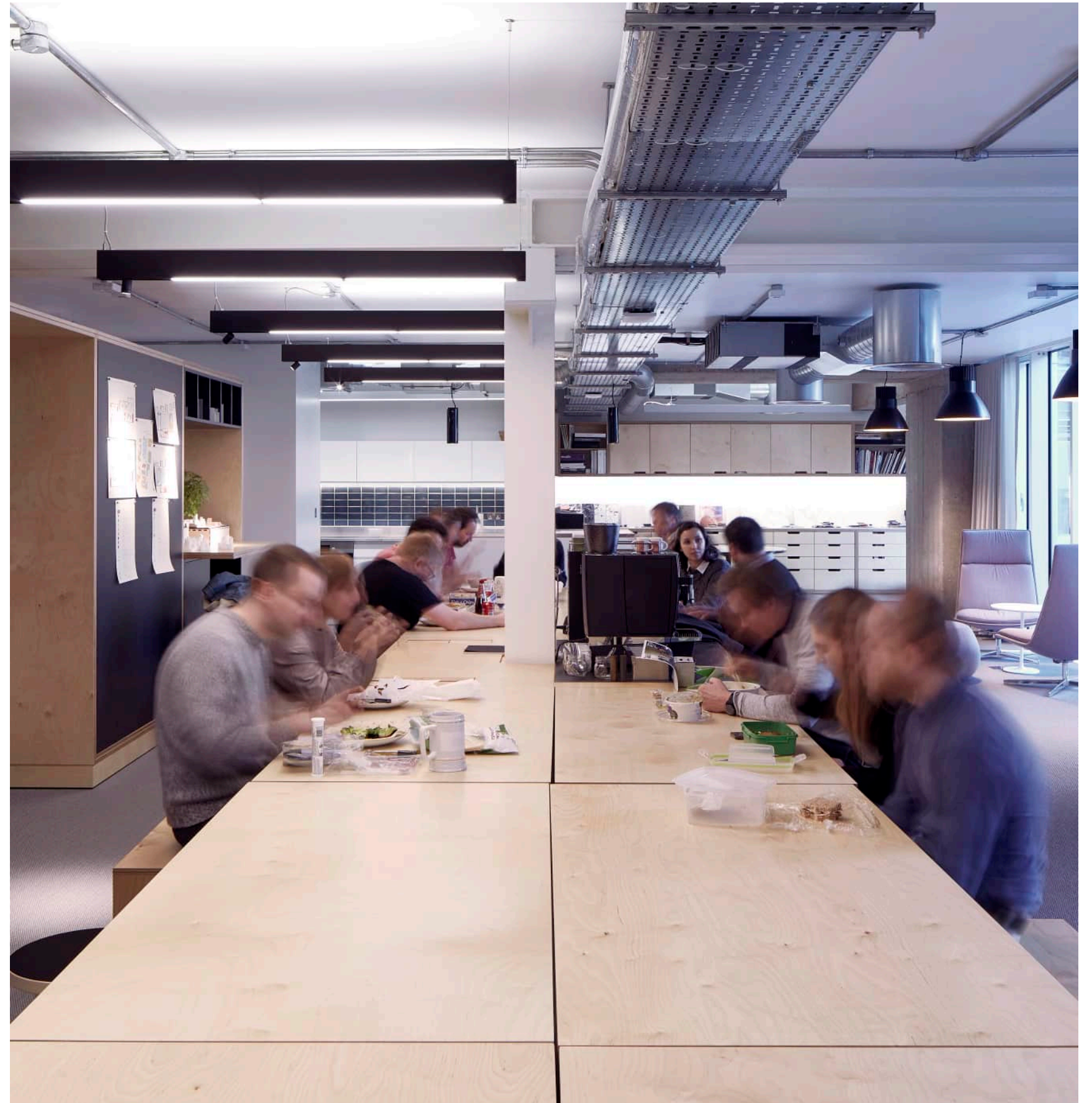


1. Introduction

1.1 About Us

Jestico + Whiles is a renowned architecture and design firm with offices in London and executing projects in a wide array of sectors, including housing, hotels, education, offices, retail, research, transport, and cultural facilities. We have long been pioneers in sustainable design, placing it at the forefront of our core values. We are proud signatories of Architect's Declare and have committed to the RIBA 2030 challenge, which aims to minimise operational and embodied carbon, and potable water use in the buildings we design.

Our plusZero team, bringing together the best in-house knowledge on sustainability, leads our firm's commitment to continuous improvement in sustainability best-practice's. This extends beyond design work, and encompasses self-critical analysis of our operations, with the aim of continually reducing our direct and indirect carbon emissions, while still investing in credible programmes for 100% carbon offsetting. We also aspire to achieve Carbon Neutral certification (ISO 14068-1:2023) as soon as practically possible and to pursue the broader principles set by our B-Corp certification.



1.2 About the Report

This Carbon Reduction Plan (CRP) for the 2024/25 financial year outlines Jestico + Whiles' ongoing commitment to sustainability and our established pathway to Net Zero. Building upon the comprehensive baseline footprint established in the 2023/24 financial year, this report tracks our progress using robust, transparent data collection methodologies.

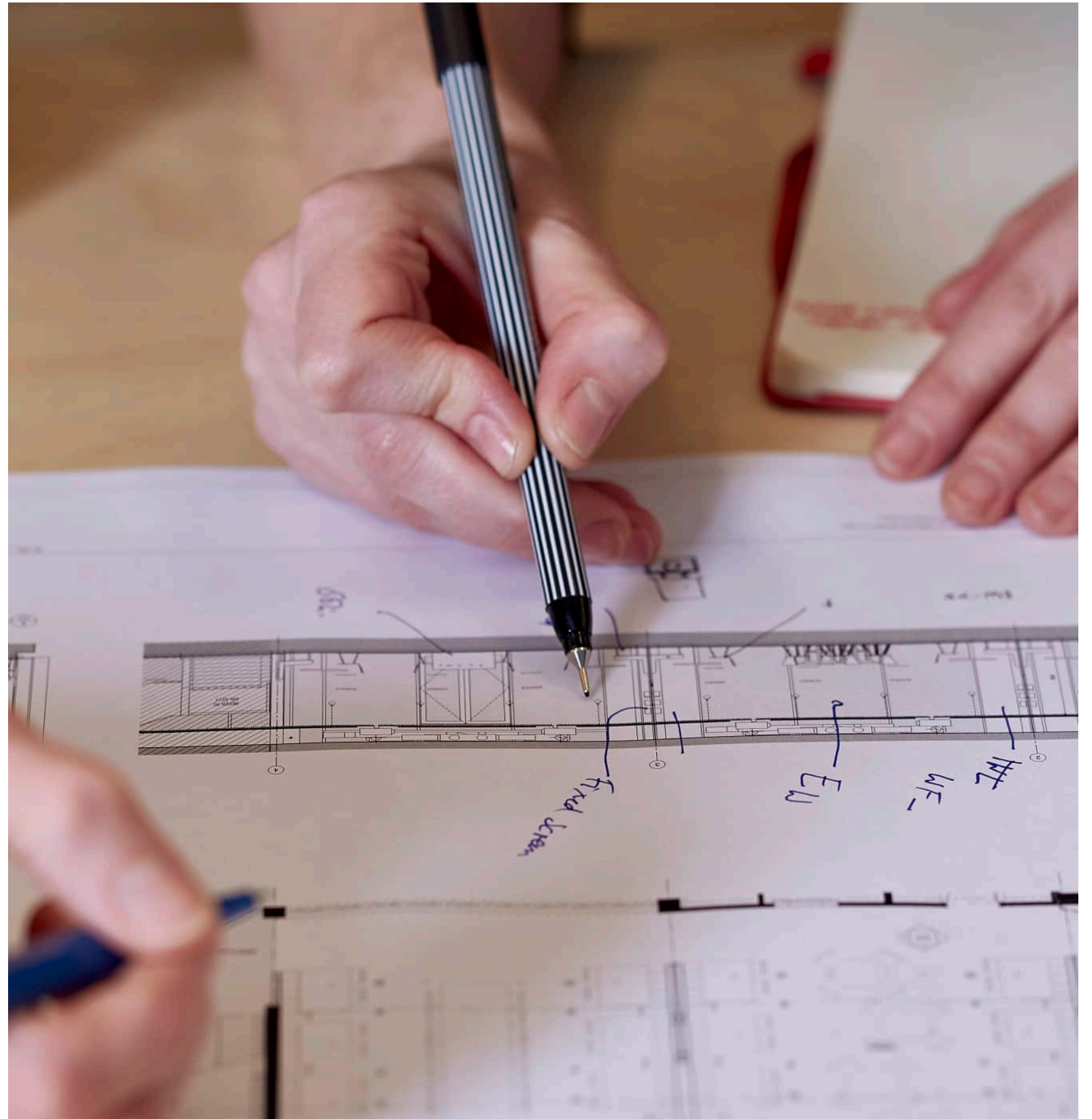
As part of our ISO14001 environmental management policies, we have been accounting for and offsetting 100% of Scope 2 and select Scope 3 emissions since 2011 through the World Land Trust. This comprehensive CRP goes further, capturing a wider emissions profile that includes refrigerant fugitive emissions (Scope 1), purchased electricity (Scope 2), and a broad array of Scope 3 categories, including purchased goods and services, capital goods, business travel, and employee commuting.

The aims and standard methodologies of this CRP align with Procurement Policy Note (PPN 06/21), published as part of the UK Government's commitment to becoming Net Zero by 2050. Data compilation adheres to the best-practice methodologies defined in the Greenhouse Gas Protocol (GHG Protocol), and all reported CO₂ equivalent emissions were established using the World Land Trust's Carbon Calculator.

1.3 Important Considerations

The reporting boundary for this document encompasses solely the Jestico + Whiles London operations. While the practice previously operated a sister office in Prague (which ceased operations as of the 2024/25 financial year), emissions associated with the Prague office were not included in previous Carbon Reduction Plans due to data collection constraints. Consequently, our historical baseline and current year-on-year comparisons remain entirely consistent, as both represent the London operations exclusively.

The practice's London office is located on one floor of a seven-storey office building (Sutton Yard), which is managed by a separate building management company. Information regarding utility use in the communal areas is provided as a total for the entire building, without a breakdown per tenant. In these instances, emissions figures for Jestico + Whiles have been assigned proportionally, calculated as a percentage of the building's total office floor area and our contribution to the building service charge.



2. PPN 06/21 Compliance Summary

This section is included to clearly demonstrate Jestico + Whiles' compliance with the requirements of Procurement Policy Note (PPN) 06/21 and the Carbon Reduction Plan Technical Standard.

Commitment to Achieving Net Zero

Jestico + Whiles is committed to achieving Net Zero carbon emissions by 2050. This commitment applies to its UK operations and is in line with the UK Government's Net Zero target and the requirements of Procurement Policy Note (PPN) 06/21.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that were produced prior to the introduction of targeted carbon reduction measures and serve as the reference point against which emissions reduction can be measured. Jestico + Whiles uses the 2023/24 financial year as its comprehensive baseline.

Baseline Year 2023/24		Current Year 2024/25	
Emissions	Total (tCO ₂ e)	Emissions	Total (tCO ₂ e)
Scope 1	0	Scope 1	19
Scope 2	27	Scope 2	24
Scope 3 (Included Sources)	285	Scope 3 (Included Sources)	262
Total Emissions	312	Total Emissions	296

Emissions Reduction Targets

In order to continue progress towards achieving Net Zero, Jestico + Whiles has adopted the following absolute emissions reduction targets, measured against the 2023/24 baseline year.

We project that carbon emissions will decrease over the next five years to approximately 175 tCO₂e by 2030. This represents a reduction of 44% against the 2023/24 baseline.

Further long-term targets are:

- 2040: 76% reduction in total emissions against the baseline
- 2050: 90% reduction in total emissions against the baseline

These targets have been developed in alignment with Science Based Targets Initiative (SBTi) guidance and will be reviewed and refined following formal commitment to the SBTi. Progress against these targets will be reviewed annually and reported through regular updates to this Carbon Reduction Plan.

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented and will remain in effect when performing public sector contracts:

- ISO 14001-aligned environmental management systems
- 100% renewable electricity procurement (REGO-backed), with emissions reported on a location-based methodology
- Our policy, established in 2011, to offset 100% of Scope 2 and selected Scope 3 emissions through verified carbon offset programmes
- Reduction in business travel through increased use of virtual meetings and fewer long-haul flights
- Improvements in capital goods procurement and reduced embodied carbon associated with IT equipment
- Improved waste management and recycling practices
- Carried out HVAC replacement with more sustainable alternative with lower GWP refrigerant

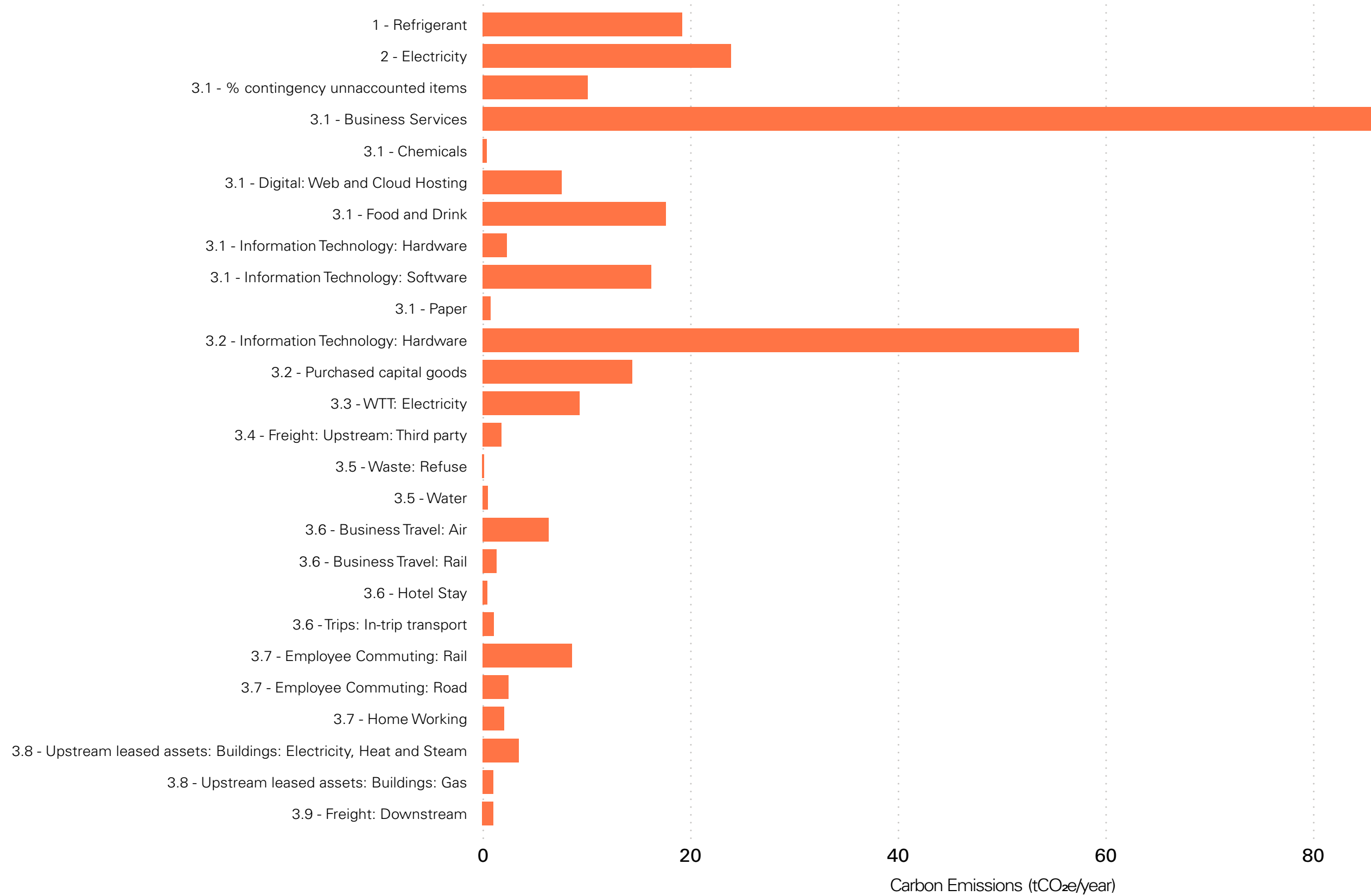
Future Carbon Reduction Initiatives

In the future, Jestico + Whiles intends to implement further measures such as:

- Increased prioritisation of rail over air travel for domestic and short-haul business journeys
- Engagement with key suppliers to improve the quality and transparency of Scope 3 emissions data
- Review and optimisation of HVAC timing, controls, and office energy use
- Continue to carry out any HVAC maintenance and replacement with more sustainable systems with lower GWP refrigerants
- Enhancement of environmentally preferable purchasing policies and processes
- Increased use of low-carbon and electric transport for deliveries and business travel
- Exploration of energy-efficient IT infrastructure and cloud-based computing solutions

3. Carbon Emissions Assessment

3.1 Reported 2024/25 Carbon Emissions



3.2 Methodology Notes

This section provides a brief description of how we calculated each scope and category. All CO₂ equivalent emissions have been calculated using the World Land Trust's Carbon Calculator.

Scope 1 – Direct Emissions

Although Jestico + Whiles has no emissions from the direct combustion of fossil fuels (e.g., natural gas, heating oil), Scope 1 also covers fugitive emissions, such as refrigerant leaks from HVAC systems. During the 2024/25 reporting period, an isolated fugitive emissions event occurred due to a faulty heat exchanger in a server room air conditioning unit, which required complete replacement. As the exact volume of refrigerant lost prior to replacement was unquantifiable, our methodology took a conservative approach, assuming a 100% loss of the system's original refrigerant charge. To mitigate potential future environmental impacts, the replacement unit was specified to utilise R32 refrigerant, which possesses a significantly lower Global Warming Potential (GWP) should a similar fault ever arise again in the future.

Scope 2 – Indirect Emissions

Scope 2 covers the emissions resulting from the generation of electricity used within the office. Although all Jestico + Whiles' electricity is backed up by Renewable-Energy Guarantees of Origin (REGO), the data included in this report assumes location-based emissions and therefore is based on the average carbon content of the UK grid. This decision aims to provide a more realistic representation of the emissions resulting from our electricity consumption.

Scope 3: Category 1 – Purchased goods and services

This category considers cradle-to-gate emissions generated in the production of purchased food, drink, office supplies, and emissions from purchased and hired business services used by the office. Where possible, precise quantification was used to calculate emissions (e.g., weight of coffee / paper). However, this has not been possible in all instances and emissions have instead been calculated in terms of related expenses. A 5% contingency was added to the calculated emissions to account for any missed items.

Scope 3: Category 2 – Capital goods

This includes the cradle-to-gate emissions from extraction, production, and transportation of capital goods, such as computers and other IT equipment purchased within the reporting period. As with Category 1, precise information has been used where possible (e.g., number of workstations purchased), with remaining emissions calculated in terms of related expenses. A 5% contingency was added to the calculated emissions to account for any missed items.

Scope 3: Category 3 – Fuel and energy-related activities

This category accounts for energy losses during the transmission and distribution of the electricity consumed by the office. This has been calculated automatically by the World Land Trust's Carbon Calculator from the Scope 2 data submission.

Scope 3: Category 4 – Upstream transportation and distribution

As Jestico + Whiles are a services company, upstream transportation and distribution is limited to deliveries of food, consumables, and materials to the office. There is no current record of transportation distances or vehicles used. This has thus been accounted for by assigning a £2.50 delivery charge to every delivery and converting this to carbon equivalent using the average road freight delivery carbon emissions per £ spend.

Scope 3: Category 5 – Waste generated in operations

This category includes all emissions created from the disposal of waste generated by the practice. This has been calculated using information provided by the waste collection company which serves the office building. Water consumption and wastewater treatment information was estimated from historical data, assuming the last available 5-year average consumption intensity (in m³/person.year). Any additional waste collections are also documented through waste transfer receipts and are included in the assessment.

Scope 3: Category 6 – Business travel

This category includes emissions generated from all travel booked and expensed by Jestico + Whiles during the reporting period, as well as hotel stays. Emissions from travel by plane and train have been calculated by distance, whereas travel by taxi, tube, bus/tram and bicycle has been accounted for in terms of related expenses. Hotel stays have also been accounted for in terms of numbers of guest nights stay per country.

Scope 3: Category 7 – Employee commuting / teleworking

Although PPN 06/21 only requires emissions from employee commuting to the office be included, we have included information relating to working from home since this has become a significant part of the office working culture. Information for this category was collected as part of an employee survey that asked for information on commuting distances and modes of transport, as well as energy consumption whilst homeworking. The survey had a 70% response rate, the remainder to meet the average FTE number has been extrapolated from the data set.

Scope 3: Category 8 – Upstream Leased Assets

This category includes the emissions associated with the operation of assets that are leased by Jestico + Whiles from another entity, namely the landlord/owner of the Sutton Yard office building. This covers the use of energy, water in the communal parts of the office building, e.g. Lifts and WCs. In the 2023-24 financial year it has been possible to collect data from the Landlords agent, which is then apportioned to Jestico + Whiles based on the ratio of the area of the office relative to the entire building. In future years it may be worth using building occupancy figures to more accurately attribute these emissions.

Scope 3: Category 9 – Downstream transportation and distribution

This category includes emissions generated by the transportation of any items produced by Jestico + Whiles. As a services company, the number of deliveries is minimal and is usually limited to material samples, models, and documents. There is no current record of transportation distances or vehicles used. This category has been calculated based on expenses with courier and postage services. This has been converted to carbon equivalent using the average road freight delivery emissions per pound using World Land Trust's Carbon Calculator.

4. Carbon Emissions Reduction

4.1 Long-term projections and target setting

Jestico + Whiles' ambitions for absolute carbon emissions reduction targets were set as:

2030 - 44% below 23/24 baseline

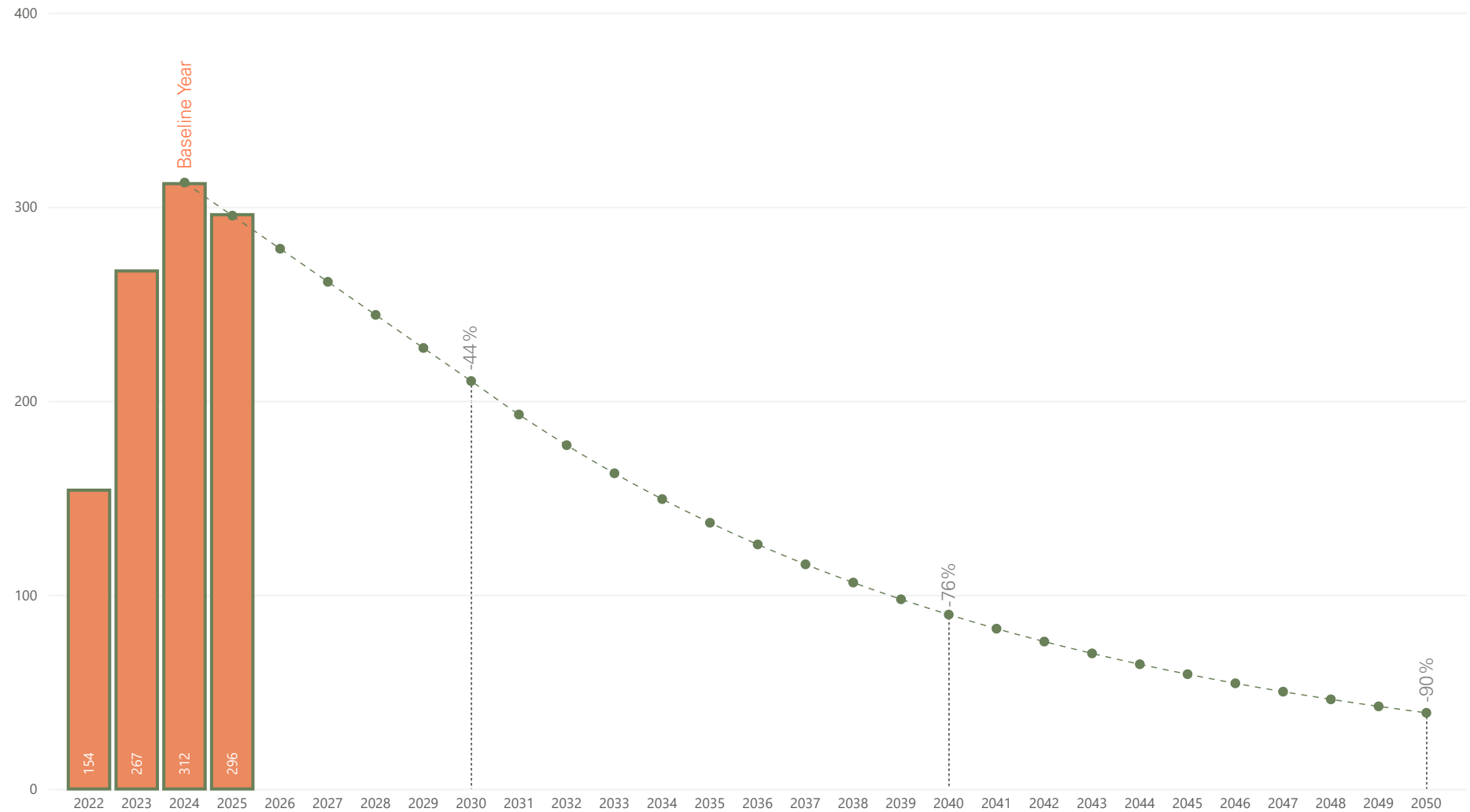
2040 - 76% below 23/24 baseline

2050 - 90% below 23/24 baseline

These targets were set following three premises:

1. Initial absolute reduction of 5.5% per year based on recommendations by Science-Based Target Initiative (SBTi). However, Jestico + Whiles chooses to be more ambitious than SBTi's recommendation of 4.2%/year for SMEs to align to the global 1.5°C carbon budget.¹
2. Realistically admit that no plan can achieve 100% total carbon emissions (before offsetting), thus setting out to achieve 90% absolute reduction by 2050.
3. From 2030 onward, aim for a consistent yearly reduction in emissions (relative to the year prior) of 8.3% (i.e., the effort needed to achieve the objective set by premise 2).

Despite not aiming for absolute zero emissions even in the long-term (practically outside of Jestico + Whiles' control), we will keep the commitment to offset all annual carbon emissions. We will also continuously review the institutions we work with and projects we support, to ensure the highest quality offsetting practices with certified activity and long-term carbon-capture.



¹ Foundations of Science-based Target Setting (April, 2019), Science-based Targets Initiative. Available at: <https://sciencebasedtargets.org/resources/legacy/2019/04/foundations-of-SBT-setting.pdf>

4.2 Proposed Carbon Reduction Actions

This 2024/25 carbon assessment enables a better understanding of our current emissions and motivated a discussion around potential actions for improvement on the short-, medium- and long-term. Below are some of the main options identified, and going forwards, the dedicated in-house sustainability team Plus Zero will be interrogating and implementing the carbon reduction action plan.

Action	Time-frame and Estimated Expected Outcomes
1. Review largest suppliers of hired professional services and interrogate emissions data associated	Short/medium-term - <30% reduction in Scope 3 emissions
2. Further prioritise train over flights in domestic and short-haul business travel	Medium-term - <25% reduction in Scope 3, Cat. 6 emissions
3. Explore options to reuse server-room waste heat	Short-term - <2% reduction in Scope 2 emissions
4. Review HVAC timing and settings programming	Short-term - <3% reduction in Scope 2 emissions
5. Upgrade to single, efficient, larger monitors (instead of dual) for improved material- and energy-efficiency	Medium-term - <1% reduction in Scope 3, Cat.2 emissions
6. Review operation of lighting and IT systems for improved efficiency	Short-term - <5% reduction in Scope 2 emissions
7. Consider thin-client or cloud computing+laptops for improved energy efficiency	Long-term - <20% reduction in Scope 2, and Scope 3, Cat. 7 emissions
8. Improve Environmentally Preferable Purchasing policy and its processes	Short-term - <5% reduction in Scope 3, Cat. 1, 2, 4 & 9 emissions
9. Prioritise hiring electric transport for deliveries and business travel	Short-term - <5% reduction in Scope 3, Cat.4, 6 & 9 emissions
10. Further incentivise electric public transportation (tube/train), instead of conventional bus	Medium-term - <5% reduction in Scope 3, Cat.7 emissions
11. Encourage cycling to meetings in London (20p per mile)	Short-term - <2% reduction in Scope 3, Cat.7 emissions

5. Declaration

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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.

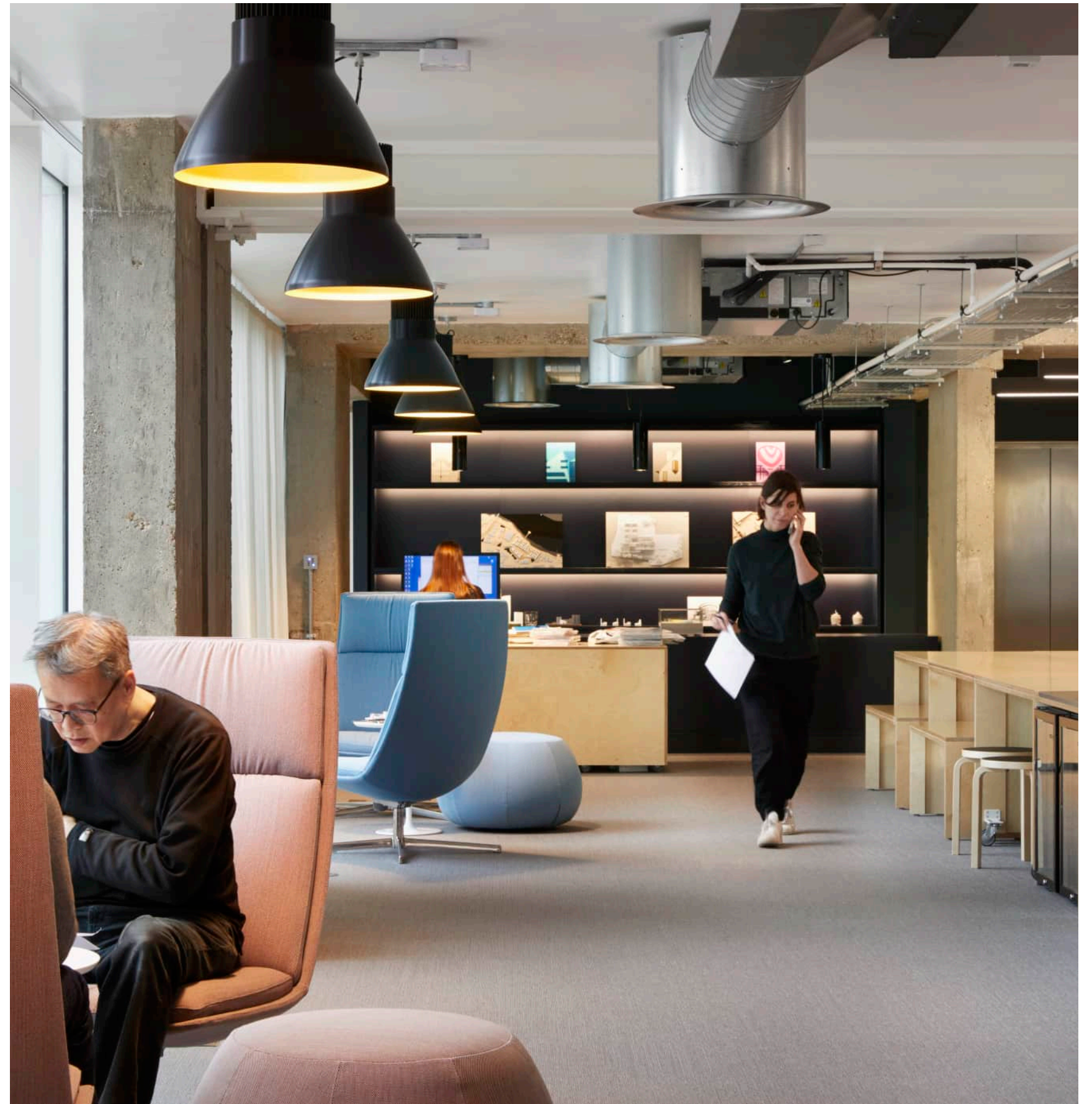
This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of Jestico + Whiles:

J. Harris

Jude Harris
Director

Date: 09 June 2026



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