

Robert Bird & Partners Limited

UK Carbon Reduction Plan Report

18 August 2025

1 Commitment to Achieving Net Zero

Robert Bird & Partners Limited is committed to achieving net zero greenhouse gas emissions by 2050, in line with the UK Government's Procurement Policy Note (PPN 06/21). This commitment applies to our UK operations and is aligned with Robert Bird Group's global sustainability strategy.

Robert Bird Group (RBG) and its entities are committed to minimising environmental impact and promoting sustainable practices across all operations. We recognise the importance of a resilient and regenerative environment and the urgent need to halve global emissions before 2030 and achieve net zero before 2050. At group level, RBG has validated near-term and long-term net zero targets through the Science Based Targets initiative (SBTi), and Robert Bird & Partners Limited aligns its UK Carbon Reduction Plan with the group commitments and best practices.

2 About Robert Bird & Partners Limited

Robert Bird & Partners Limited (RBG UK) is the UK operating entity of Robert Bird Group (RBG), a global structural, civil, and construction engineering consultancy within the Surbana Jurong Group (SJ Group). Based at our headquarters in London, we deliver landmark projects around the world, drawing on international expertise where appropriate.

We recognise our responsibility to minimise carbon in the built environment and are passionate about the role we play in responding to the Climate Emergency. Our approach is guided by RBG's philosophies — Lead. Create. Deliver. Sustain — which shapes how we integrate sustainability into every stage of our work. We apply low-carbon design strategies, material optimisation, advanced digital engineering and innovative approaches. Using computational and parametric design tools, BIM workflows, and our in-house embodied carbon measurement platform, Magpie, we deliver more efficient designs and reduce embodied carbon across our projects, and throughout the industry. ***This supports the UK Government's net zero objectives while creating resilient, sustainable outcomes for our clients and communities.***

In the UK, our operations are primarily office-based, with some travel to project sites as required. We are certified to ISO 14001 Environmental Management, and our carbon reduction strategy is aligned with Robert Bird Group's global sustainability commitments.

3 Baseline Emissions & Rationale

This Carbon Reduction Plan (CRP) covers the UK operations of Robert Bird & Partners Limited as the legal reporting entity.

The baseline year selected is **2021**. This was selected as the baseline year as part of a RBG group wide process to establish consistent greenhouse gas (GHG) emissions reporting across all entities. This was the first year in which comprehensive data was collected for Scopes 1, 2 and 3, using standardised methodologies across the group and entities.

Baseline Emissions (2021) for Scopes 1, 2 and the required subset of Scope 3 categories under PPN 06/21 are shown below.

GHG Scope	Emissions (tCO ₂ e)
Scope 1	6
Scope 2 (location and market Based)	35
Scope 3 (Categories 4,5,6,7, and 9)*	94
Total	135
*Scope 3 categories 4 and 9 (upstream and downstream transportation & distribution) have been assessed as not material to our consultancy business model and are therefore excluded. As a professional services consultancy our services are delivered electronically. The figure reported reflects Scope 3 categories 5, 6, and 7 only (waste, business travel, and employee commuting).	

Recalculation Policy: Baseline year recalculation will be carried out in line with the RBG group wide policy. If RBG determines that a recalculation is required due to significant structural changes (e.g. acquisitions, disposals, material changes to methodology or emissions factors, or atypical operating conditions such as those experienced during COVID-19), Robert Bird & Partners Limited will adopt the updated baseline in accordance with RBG group requirements.

4 Current Emissions Reporting

For the reporting year **1 January – 31 December 2024**, Robert Bird & Partners Limited has measured and reported greenhouse gas (GHG) emissions across Scopes 1, 2 and 3.

Total Emissions:

GHG Scope	Emissions (tCO ₂ e)
Scope 1	1
Scope 2 (location based)	49
Scope 2 (market based, renewable tariff)	0
Scope 3 (Categories 4,5,6,7, and 9)*	203
Total (location based)	253
Total (market based)	204

Detailed Emissions Inventory and Breakdown:

GHG Categories		Baseline 2021 (tCO ₂ e)	2024 (tCO ₂ e)
Scope 1 & 2	Scope 1	6	1
	Scope 2 (location based)	35	49
	Scope 2 (market based, renewable tariff)	35	0
Scope 3	Category 5: Waste generated in operations	14	16
	Category 6: Business travel	73	179
	Category 7: Employee commuting	7	8
	Category 4: Upstream transportation & distribution & Category 9: Downstream transportation & distribution	-	-
Notes and Reporting boundary: - The organisational boundary is defined using the operational control approach. - Scope 2 emissions are disclosed on both a location-based and market-based basis. The London office transitioned to a 100% renewable electricity tariff (green tariff) in 2023. - Scope 3 reporting includes only categories required by PPN 06/21: Category 4, 5, 6, 7 and 9. Upstream and downstream transportation and distribution (Categories 4 and 9) are not significant for our business model and are reported as "-". As a professional services consultancy our services are delivered electronically.			

Emissions Review:

- Scope 1 emissions decreased by 83% from the 2021 baseline, reflecting the removal of gas-intensive processes and greater reliance on electricity.
- Scope 2 market based, in 2023, the London office transitioned to operating under a 100% renewable electricity tariff, ensuring emissions are zero. Scope 2 (location based) increased by 40% compared with 2021. This reflects the impact of 2021 being a COVID-affected year with reduced office occupancy and lower electricity use. By 2024, a return to normal operations and business growth led to higher demand for office energy.
- Scope 3 emissions:
 - Category 6 (Business Travel): up 145% since baseline, reflecting a return to international travel post-pandemic, expansion in new regions/markets, and additional travel linked to parent company transformation activities.
 - Other categories such as waste and commuting showed smaller increases broadly proportional to UK business growth during 2024 (London operations).
- Business travel is the most material contributor within the Scope 3 categories reported under PPN 06/21.
- Improvements in data capture have enhanced reporting accuracy compared with the baseline year.

5 Emissions Reduction Targets & Trajectory

The emissions reduction pathway for RBG UK follows the validated Science Based Targets initiative (SBTi) adopted at Robert Bird Group level. These targets are as follows:

Year	Target Reduction vs 2021	Expected Outcome
2030	-42% Scopes 1 & 2, -42% Scope 3	Net zero-ready operations, 100% renewable electricity
2050	-90% Scopes 1 & 2, -90% Scope 3	Net zero achieved

RBG UK monitors progress annually against these targets, with performance reviewed at both UK and Group level.

Progress to date:

- Scope 1 emissions reduced by 83% since the 2021 baseline.
- London office transitioned to a 100% renewable electricity tariff in 2023, resulting in Scope 2 (market-based) emissions being reported as zero.
- Further completed initiatives are outlined in the next section.

6 Carbon Reduction Initiatives

RBG UK has implemented, is maintaining, and is planning several initiatives to further reduce greenhouse gas emissions within its UK operations where possible.

Completed and Maintained Initiatives

- 100% Renewable Electricity Supply: The London office transitioned to a renewable electricity (green) tariff in 2023, ensuring Scope 2 (market-based) emissions are reported as zero.
- Embodied Carbon Measurement Tool: Use of the in-house platform Magpie across UK projects (where relevant) to measure and reduce embodied carbon in design.
- Sustainable Procurement: Procurement and onboarding processes strengthened to include sustainability and carbon reduction criteria in supplier assessment.
- ISO 14001 Certification: RBG UK is certified to the ISO 14001 Environmental Management standard, providing a framework for continuous environmental performance improvement.

- Alignment with Group Net Zero Pathway: Through Robert Bird Group's commitment and validated targets to the Science Based Targets initiative (SBTi).

Planned Initiatives

Further initiatives are planned for 2025 and beyond to continue reducing emissions:

- Appoint a UK Sustainability Lead to support the delivery of the decarbonisation strategy and ensure alignment with RBG group wide targets.
- Reduce Embodied Carbon in Design Programme: Enhance project reporting to measure embodied carbon within project designs, with reporting at defined milestones.
- Future Office Relocation (2027): Incorporate sustainability and carbon reduction opportunities into the planning of a proposed office move, ensuring alignment with net zero commitments.
- Enhance Carbon Monitoring and Reporting: continual improvements in carbon data capture while accelerating turnaround for reporting.

7 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 board of directors (or equivalent management body).

This carbon reduction plan has been reviewed and signed by

Jarrad Warhurst
Executive Director
August 2025

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>