CARBON REDUCTION PLAN

June 2026

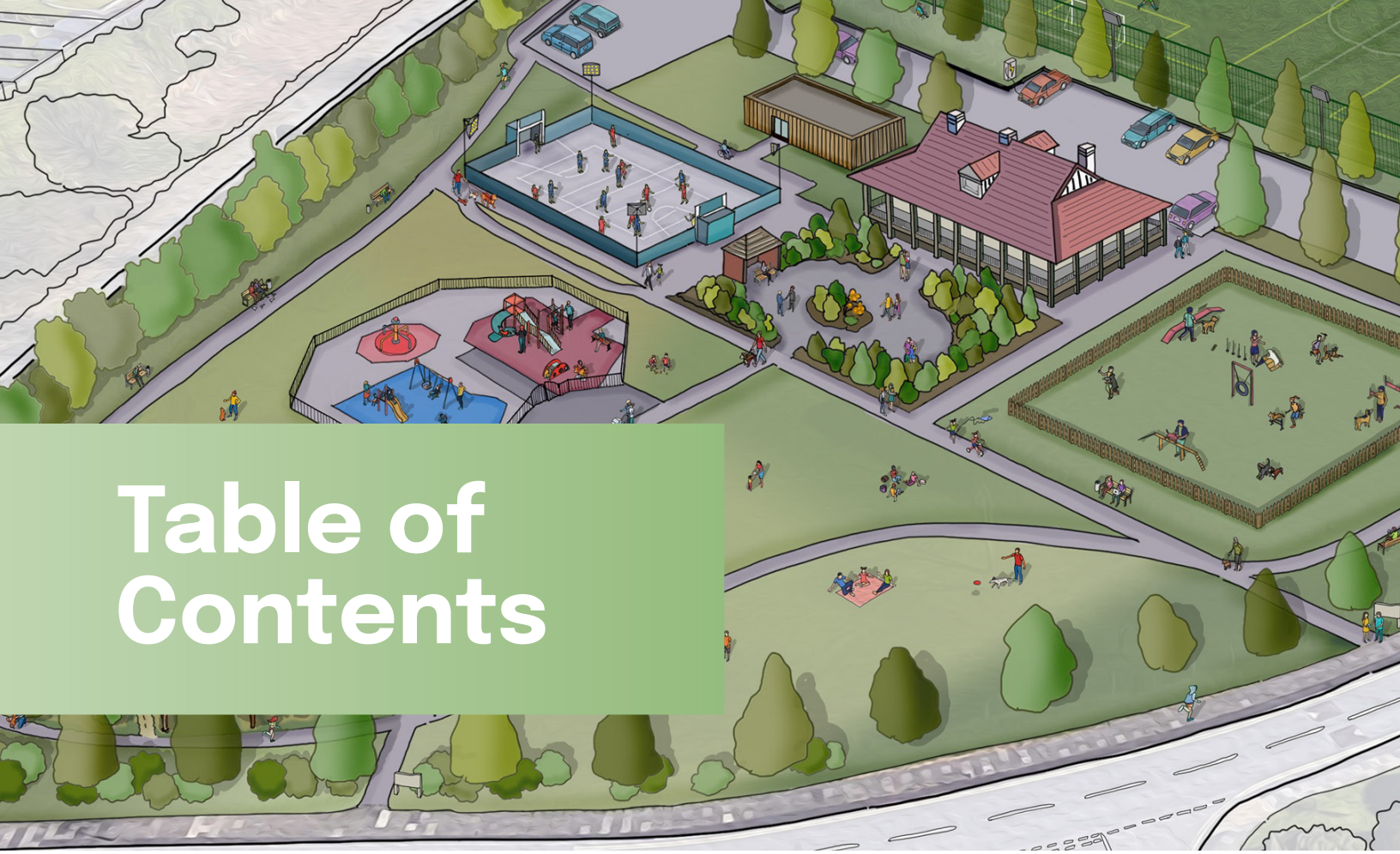


Table of Contents

Achieving Net Zero

At K2 Architects we are dedicated to achieving Net Zero.

We plan to halve our emissions by 2030 and cut emissions to zero by 2045.

We recognise the urgent need to address climate change and are committed to taking meaningful actions to reduce our carbon footprint.

Our strategy includes improving energy efficiency, investing in renewable energy, minimising waste, and promoting sustainable practices throughout our operations.

As a Certified B Corporation, we are committed to transparency in our efforts and will annually report on our progress toward achieving Net Zero.

Baseline Emissions

Baseline Year: 1st April 2022 – 31st March 2023	
Additional Details relating to the Baseline Emissions calculations.	
This was the first time we calculated our carbon footprint, so it established our baseline. It is based on our financial accounting year of April 2022-March 2023. Our Baseline calculation includes: Scope 1: Direct Emissions Scope 2: Indirect Emissions Scope 3 Categories: 1: Purchased goods and services: 2: Capital goods 3: Fuel and energy-related activities 4: Upstream transportation & distribution 5: Waste generated in operations 6: Business travel/Hotel stays 7: Employee commuting/Teleworking Our Baseline deviates from the requirements under PPN 06/21 as follows: Scope 3 Categories: 9: Downstream transportation & distribution are marked as zero as we do not sell products, we sell services (our time).	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**1.64 (tCO_2e)**
Scope 2	**14.35 (tCO2e)**
Scope 3 **(Included Sources)**	**36.25 (tCO2e)**
Total Emissions	**52.2 (tCO2e)**

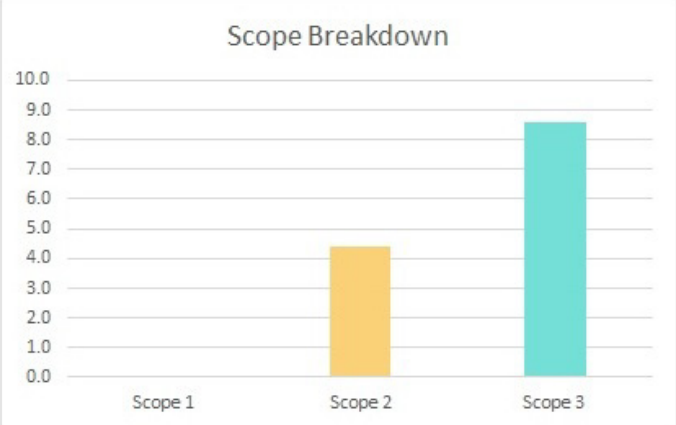
Current Emissions

Current Emissions Reporting

Reporting Year: 1st April 2025 – 31st March 2026	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**0 (tCO2e)**
Scope 2	**4.4 (tCO2e)**
Scope 3 (Included Sources)	**8.6 (tCO2e)**
Total Emissions	**13 (tCO2e)**

Total Scope Breakdown 2026

Scope	Total metric tons of CO_2e
Scope 1	0.0
Scope 2	4.4
Scope 3	8.6

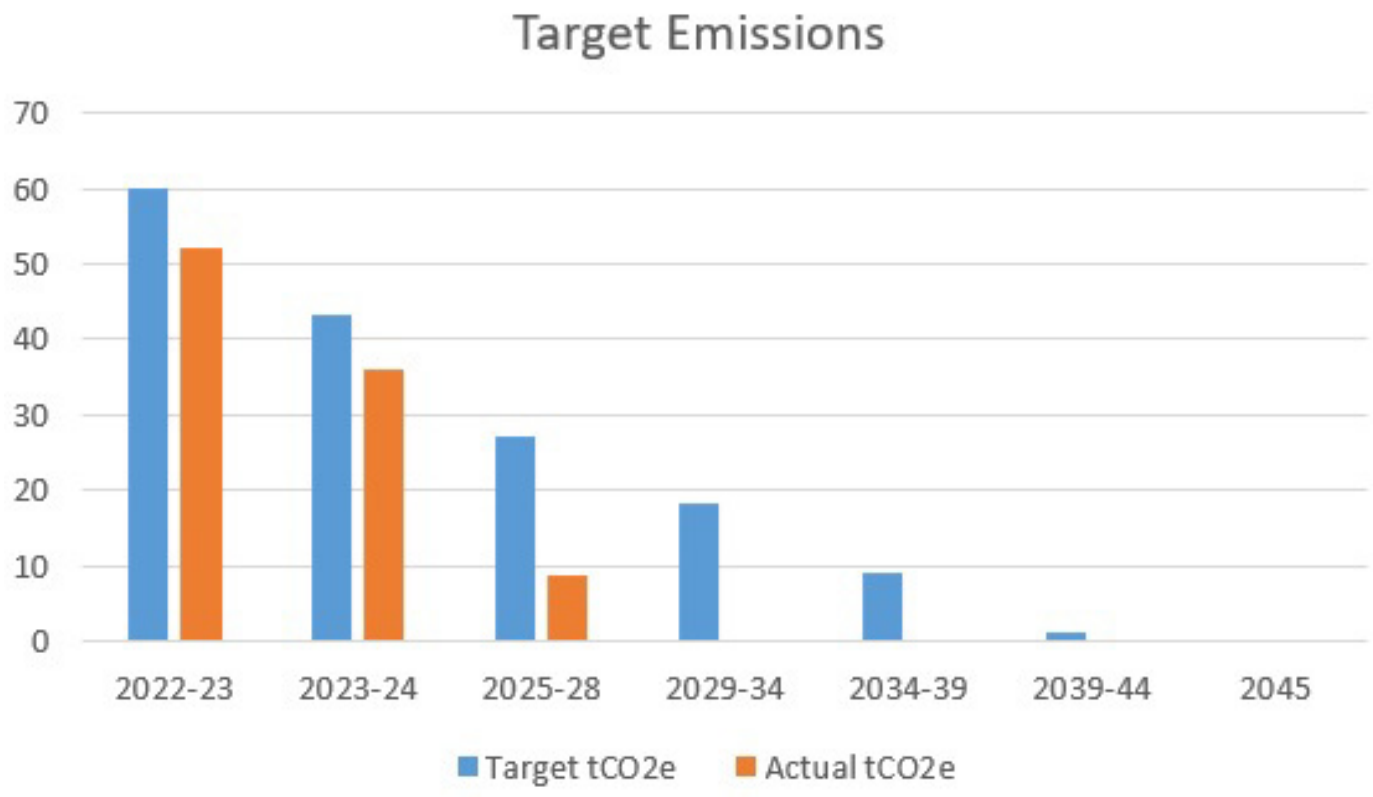


	Description	Metric tons of CO_2e
Scope 1	Office emissions (gas)	0.0
	Other Scope 1 emissions	0.0
Scope 2	Office emissions (electricity)	4.4
Scope 3	Homeworker electricity emissions (home office)	0.1
	Homeworker electricity emissions (air-conditioning)	0.0
	Homeworker gas emissions	0.0
	Diesel emissions (commute)	0.0
	Petrol emissions (commute)	4.0
	Hybrid emissions (commute)	0.0
	Motorbike emissions (commute)	0.0
	Train emissions (commute)	0.2
	Bus emissions (commute)	0.6
	Taxi emissions (commute)	0.0
	Train emissions (in work travel)	0.0
	Diesel emissions (in work travel)	0.0
	Petrol emissions (in work travel)	1.1
	Hybrid emissions (in work travel)	0.0
	Bus emissions (in work travel)	0.0
	Taxi emissions (in work travel)	0.3
	Plane emissions	0.0
	Hotel emissions	0.0
	Additional estimates for purchases of goods and service	2.3
	Other Scope 3 emissions	0.0
Total emissions	Company CO_2 Emissions (tons)	12.98
	Average CO_2 Emissions per person (tons)	0.865
	Average CO_2 Emissions per person per day (kgs)	3.76

Reduction Targets

To continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease by 1.8 tCO2e per year or 9 tCO2e over the next five years. If we continue this trajectory of reducing our emissions by 9 tCO2e every five years, we will be **Net Zero by the year 2045.**

2022-2023 = 52.2 tCO2e
2023-2024 = 36.1 tCO2e
2024-2029 = 27.1 tCO2e
2029-2034 = 18.1 tCO2e
2034-2039 = 9.1 tCO2e
2039-2044 = 0.1 tCO2e



Current Reduction

The following environmental management measures have been completed or implemented since last years report:

Energy Consumption – We switched our energy contract to Smartest Energy, ensuring that 100% of our electricity continues to come from renewable and low-impact sources.

Waste Management – Since October 2025, our landlord has been trialling a new weighing system which, if successful, will enable us to monitor and report on our waste, recycling, and composting more accurately.

Company Fleet – Transitioned all Company owned vehicles to fully electric models, completely eliminating our diesel emissions.

Business Travel – now able to accurately calculate business mileage through newly implemented project management tool, Monograph.

Employee Commuting and Home Working habits – Introduced a carbon reduction survey to all of the team to gain more insight into their commuting and home-working habits - allowing us to monitor and report more accurately.

Streamlined Energy and Carbon Reporting (SECR) – Since December 2025, a Life Cycle Carbon assessment tool has been implemented on trial projects.

We reduced 2025 emissions through renewable energy, electric cars, & low-carbon commuting

smartestenergy

Tree Planting
Commitment Certificate

This certificate is presented to:

K2 Architects Limited

Future Reduction

The following environmental management measures will be implemented over the coming years. The carbon emission reduction achieved by these schemes should equate to a reduction of 9 tCO2e every five years.

PAS 2038 - Designing and delivering retrofit and energy efficiency projects in accordance with PAS 2038 principles, ensuring a whole-building, fabric-first approach that prioritises long-term performance, occupant well-being, and measurable carbon reduction.

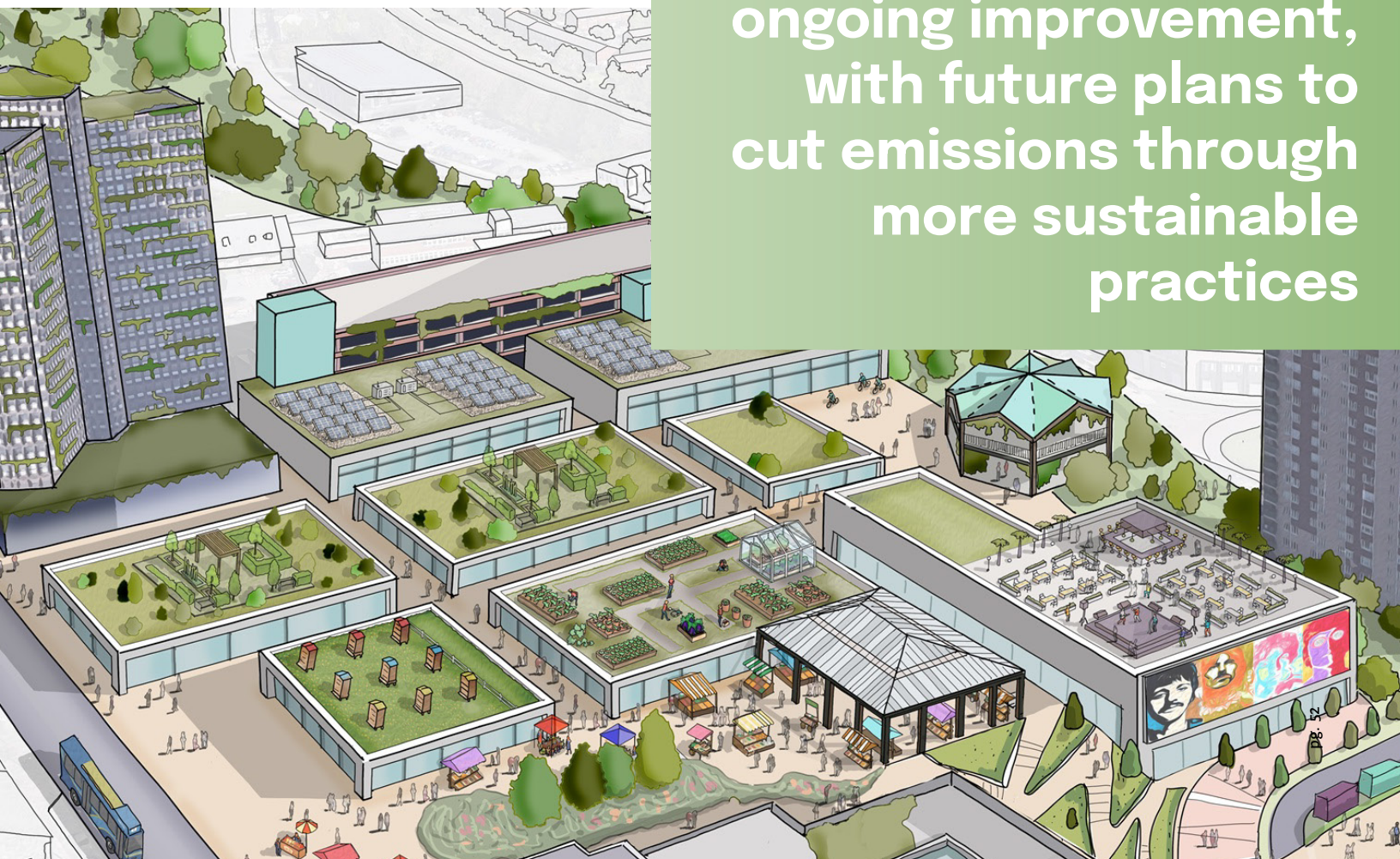
Sustainable Design Principles - A gradual increase in projects incorporating SDPs such as, renewable energy systems, and active monitoring of energy and water performance.

Accreditation - Continue to increase the number of projects achieving recognised sustainability accreditation.

Projects - Trial different methodologies to quantify tCO_2e reductions across our projects. Refining how we measure environmental impact will improve reporting accuracy and ensure our carbon claims are evidence-based.

Carbon Offsetting - Aim to reduce and ultimately eliminate our carbon footprint over time, rather than relying on purchasing carbon credits to offset remaining emissions.

We're committed to ongoing improvement, with future plans to cut emissions through more sustainable practices



Building Design Emissions

Ultimately we are only as good or as ethical as the clients we work with.

Our aim is to demonstrate that, whatever a client's ambitions, we can still evidence that we are doing the right thing within the part of the process we control and influence.

Our aim is to support the Client in making a clear, reportable, and procurement compliant carbon reduction claim that aligns directly with PPN002 Outcome 4 and, specifically, SRM 4ai: the annual reduction in carbon emissions arising from the performance of the contract, measured in tonnes CO_2e.

In simple terms, we want to help the Client quantify the carbon savings resulting from the design and delivery interventions on their project, and to leave them with an assurance-ready evidence pack that can be confidently used for governance, audit, and central reporting.

Our Approach

We are working on a process that will provide each Client with a robust narrative and calculation showing:

1. a defined baseline position (what emissions would be without intervention),
2. a quantified reduction (what emissions will be with the intervention), resulting in a credible tCO_2e saving attributable to the project scope.

This outcome will be expressed in the form the Client needs most: tCO_2e saved, tied to the contract performance and capable of being reported consistently year-on-year where required.

Key Strategies

A proportionate process that the carbon assessor can repeat efficiently.

Confirm scope and baseline rules: At project outset, we will agree on the assessment scope and baseline year/benchmark. For most commissions, we expect an initial focus on A1–A5 impacts (product, transport and construction), with optional extension into later modules or operational impacts where this is proportionate and useful to the Client's objectives. We will define what is "in scope" and ensure the baseline is defensible and transparent.

Establish the baseline and carbon model: Using available design information and existing project outputs (e.g. drawings, schedules, specifications, energy strategy assumptions and statutory compliance data), the assessor will establish a baseline carbon position. This should be structured so that assumptions are explicit and verifiable, rather than relying on broad or opaque estimates.

Identify and quantify reduction opportunities: We will support the assessor by developing a short carbon opportunity register, linked to practical design decisions and procurement routes. Typical interventions may include fabric-first upgrades, efficient services strategies, improved controls, and on-site energy generation and clean technologies. The assessor will quantify the carbon impact of agreed interventions against the baseline, producing a prioritised set of "what matters most" actions.

Evidence pack and reporting: The final output will be a reporting pack that allows the Client to confidently evidence PPN002 SRM, including the baseline statement, calculation summary, assumptions log, intervention schedule, and resulting tCO_2e savings. Where independent verification or audit is required, the pack will be structured to support that process.

Design Emission Reduction

We are advocating a PPN002 SRM led approach.

It directly aligns with the reporting needs under the Procurement Act. Many clients are less concerned with broad sustainability badges and more concerned with answering a simple governance question:

“How much carbon did we save through this project?”

By focusing on quantified tCO_2e reductions, we ensure that commitments are: measurable, proportionate, repeatable and auditable.

Projects are therefore deliverable within typical programme and fee constraints, particularly on refurbishment and re-use projects where carbon gains can be both meaningful and demonstrable.

We’re driving sustainable designs by training our team, and aligning projects with PAS 2038 and PPN002

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 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 (or equivalent management body).

Signed on behalf of
K2 Architects Limited:

Kevin Horton, Co-Founder & Director

Date: 11/05/2026

CARBON REDUCTION PLAN

K2