

Carbon Reduction Plan

Publication Date: April 2026

Reporting Period: 1 April 2026 – 31 March 2027

Date Commitment Approved: July 2026

Approved By: Phil Kavanagh, Director

Commitment to Achieving Net Zero

KKE Architects Ltd is committed to achieving Net Zero greenhouse gas emissions by 2050. As a specialist healthcare architectural practice, KKE Architects recognises the role that the built environment plays in reducing carbon emissions and supporting environmental sustainability. We are committed to minimising the environmental impact of our own operations while promoting sustainable design principles throughout our projects.

Baseline Emissions Footprint Baseline emissions are a record of the greenhouse gases produced in the past and are the reference point against which emissions reduction can be measured.

Baseline Year	2025/2026
2025/2026	First year of formal carbon reporting under this Carbon Reduction Plan.

Baseline Emissions

Emissions Source	Total (tCO ₂ e)
Scope 1 (Gas)	2.0
Scope 2 (Electricity)	1.7
Scope 3 (Business Travel - up to 30000)	7.5
Scope 3 (Employee Commuting - 35000)	8.8
Scope 3 (Waste Generated in Operations)	0.10
Scope 3 (Upstream Transportation & Distribution)	0.20
Scope 3 (Water Consumption)	0.09
Total Emissions (tCO₂e)	20.39

KKE Architects Ltd: Danks Warehouse, Diglis Basin, 60 Diglis Road, Worcester, WR5 3BW

Registered in England and Wales - Company No. 6531286 - VAT Registration No: 860 7083 23

Registered Office: The Courtyard, 19 High Street, Pershore, Worcestershire, WR10 1AA

Current Emissions Reporting

Reporting Year	2026/2027
Reporting Period	1 April 2026 – 31 March 2027
Emissions Source	Total (tCO ₂ e)
Scope 1 (Gas)	TBC
Scope 2 (Electricity)	TBC
Scope 3 (Business Travel - up to)	TBC
Scope 3 (Employee Commuting -)	TBC
Scope 3 (Waste Generated in Operations)	TBC
Scope 3 (Upstream Transportation & Distribution)	TBC
Scope 3 (Water Consumption)	TBC
Total Emissions	TBC

Emissions Reduction Targets

To continue progressing towards Net Zero, KKE Architects has adopted the following carbon reduction objectives:

Target Year	Reduction Target
2028	20% reduction from baseline
2030	35% reduction from baseline
2035	60% reduction from baseline
2040	80% reduction from baseline
2050	Net Zero

Progress against these targets will be reviewed annually and reported through updates to this Carbon Reduction Plan.

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Scope 1 (Gas) / Scope 2 (Electricity)

As utilities are procured and paid directly by the landlord, actual energy consumption data is not currently available to KKE Architects. Operational energy consumption has therefore been estimated using recognised office energy benchmarks based on an estimated occupied floor area of approximately 120m² and a workforce of 10 employees. These estimates will be replaced with measured consumption data when available.

Scope 3 (Business Travel - up to 30000)

Business travel emissions from annual business mileage of approximately 30,000 miles. These figures represent the best information currently available and will be reviewed annually and replaced with actual consumption data where available.

Scope 3 (Employee Commuting - 35000)

Employee commuting emissions have been estimated using annual commuting mileage of approximately 35,000 miles across nine employees. These estimates will be reviewed and replaced with measured consumption data where available in future reporting periods.

Scope 3 (Waste Generated in Operations)

Waste generated in operations has been estimated based on a professional office environment with approximately 10 employees. KKE Architects operates predominantly digital working practices, reducing paper consumption and waste generation. In the absence of detailed waste contractor data, waste emissions have been estimated using standard office waste benchmarks and are reported as 0.10 tCO₂e. This figure will be reviewed and refined as more detailed waste data becomes available.

Scope 3 (Upstream Transportation & Distribution)

KKE Architects operates primarily as a professional services business with limited physical goods procurement. Upstream transportation and distribution emissions have therefore been estimated based on the delivery of office supplies, stationery, IT equipment and other business consumables to the office. In the absence of detailed supplier emissions data, emissions have been estimated using standard SME office benchmarks and reported as 0.20 tCO₂e. This estimate will be reviewed as supplier and procurement data becomes available.

Scope 3 (Water Consumption)

Water consumption has been calculated using metered water usage data from Water Plus invoices. The latest invoice records 10m³ consumption over a 30-day billing period. This has been annualised to 120m³ per annum and converted to carbon emissions using appropriate UK water supply and treatment emission factors.

Carbon Reduction Projects

The following environmental management measures have been implemented or are planned for implementation:

Completed Measures

- Hybrid and flexible working arrangements to reduce commuting emissions.
- Increased use of Microsoft Teams and online collaboration technologies to reduce business travel.
- Digital document management systems to minimise paper consumption and printing.
- Electronic project information exchange with clients, consultants and contractors.
- Waste reduction and recycling procedures within the practice.
- Energy-efficient office equipment and replacement of obsolete IT systems with more energy-efficient hardware.
- Environmental considerations embedded within project design processes.

Planned Measures

- Annual monitoring and reporting of operational carbon emissions.
- Continued reduction of paper-based processes.
- Increased use of low-carbon travel options for business journeys.
- Review of electricity procurement and opportunities for renewable energy tariffs.
- Implementation of sustainable procurement principles when selecting suppliers and consultants.
- Ongoing staff awareness and training relating to sustainability and carbon reduction.
- Continued commitment to sustainable building design and low-carbon healthcare environments.

Environmental Management

KKE Architects integrates sustainability considerations into both business operations and project delivery. We actively promote:

- Low-carbon design principles.
- Sustainable materials selection.
- Energy-efficient buildings.
- Adaptable and resilient healthcare environments.
- Whole-life carbon considerations.
- Reduced operational energy demand.

Our experience delivering healthcare, hospice and community projects enables us to support clients in achieving their sustainability and environmental objectives.

Industry Commitments and Sustainability Initiatives

KKE Architects is committed to sustainable design and continuous environmental improvement. The practice supports the principles of the **RIBA 2030 Climate Challenge**, promoting the delivery of low-carbon, energy-efficient and environmentally responsible buildings. We also utilise the **RIBA Sustainable Outcomes Guide** to help inform design decisions and encourage positive environmental, social and economic outcomes across our projects.

Where appropriate, KKE adopts the principles of **RetroFirst**, prioritising the retention, reuse and adaptation of existing buildings to reduce embodied carbon and minimise waste. Sustainability considerations are embedded throughout our design process, including the efficient use of resources, reduction of operational energy demand, consideration of whole-life carbon impacts and the promotion of healthy, resilient environments.

Through our professional practice and project delivery, we continue to review and improve our environmental performance, supporting both our clients' sustainability aspirations and our commitment to achieving Net Zero by 2050.

Declaration and Sign-Off

This Carbon Reduction Plan has been completed in accordance with PPN 006 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been or will be reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the Greenhouse Gas Reporting Protocol corporate standard.

This Carbon Reduction Plan has been reviewed and approved by the Directors of KKE Architects Ltd.

Signed on behalf of KKE Architects Ltd
Phil Kavanagh
Director

Signature: *Phil Kavanagh*

Date: 01/04/2026