

CK Rail Solutions Ltd

Carbon Reduction Plan (CRP)

Prepared in accordance with UK Government Procurement Policy Note (PPN) 06/21.

Date: November 2025

Prepared by: CK Rail Solutions Ltd

Approved by: Matt Lees, Chief Executive Officer

1. Commitment to Achieving Net Zero

CK Rail Solutions Ltd is committed to achieving Net Zero greenhouse gas emissions by 2050, consistent with the UK Government's Net Zero Strategy and Science-Based Targets initiative (SBTi) principles. We will halve our total greenhouse gas emissions by 2030, applying data-driven continuous improvement through our Integrated Management System (IMS), certified to ISO 14001:2015 and ISO 9001:2015, with the goal to obtain ISO 50001:2018 by end of 2027.

2. Baseline Emissions Footprint

Year	Scope 1 (tCO ₂ e)	Scope 2 (tCO ₂ e)	Scope 3 (tCO ₂ e)	Total (tCO ₂ e)	Employees	(tCO ₂ e)/ Person
2021	101.99	52.8	569	723.79	50	14.48
2022	194.87	52.74	560	807.61	55	14.68
2023	280.82	56.54	685	1022.36	80	12.78
2024	564.43	32.08	896	1492.51	120	12.44

3. Carbon Reduction Targets

Reduce total carbon emissions by 50% by 2030 (from 2021 baseline). Achieve 100% reuse or recycling of non-hazardous construction waste by the end of 2027. Source ≥75% of materials from within 20 miles of site by the end of 2026, with goal of specialist equipment or materials being within 50 miles of site. Adopt low-carbon transport and renewable energy systems across all offices by 2030. Achieve zero landfill waste across all operations by 2035.

4. Key Carbon Reduction Initiatives Implemented

a. Energy and Carbon Efficiency:

Solar energy & LED retrofitting at Chesterfield office, automated and timed lighting controls to limit on carbon outputs from lighting structures. Gradual transition to hybrid and electric fleet vehicles ongoing, with all current fleet vehicles meeting Euro V standards at a minimum. Remote tracking of travel-related emissions to capture fleet carbon outputs per vehicle based on engine outputs, travel time, and distance travelled.

b. Low-Carbon Materials:

Techno-Crete replaces conventional concrete, reducing embodied carbon by 75%. Springs Tunnel project used Ischebeck anchors achieving 13.5 tonnes CO₂e saving.

c. Circular Economy and Waste Minimisation:

Guilddables project reused 315 tonnes of legato blocks, avoiding 35 tonnes CO₂e. Minimum 98% waste recycling maintained through Site Waste Management Plans (SWMPs) and transparency of waste networks.

5. Governance, Policies, and Compliance

CK Rail's Environmental and Sustainability Policy defines our corporate governance framework for environmental performance, supported by the CEO and HSQE Manager. Our systems are certified to ISO 14001:2015 and ISO 9001:2015, with the goal of obtaining ISO 50001:2018 by the end of 2027. Our commitment to obtain ISO 50001 accreditation is demonstrated through annual CRP reporting, supply chain engagement, and continual development in digital carbon monitoring.

6. Future Planned Initiatives (2026–2030)

Fleet Electrification Programme: 100% electric vehicles by 2030.

Carbon Offsetting Partnerships with verified providers.

Renewable Power Procurement: 100% renewable electricity for all offices by end of 2028.

Circular Procurement Framework: Prioritise low-carbon suppliers and recycled materials.

Biodiversity Action Plans: Enhance carbon sequestration through vegetation and habitat restoration.

Maintaining and bettering local connections to reduce on carbon through transport of materials and waste, to reduce on carbon outputs by minimising travel distances.

Signed on behalf of CK Rail Limited



Matt Lees

Chief Executive Officer

11 November 2025