COMMITMENT TO THE NET ZERO PLAN

Summary

Clearway Drainage Systems Limited, a leading UK drainage contractor headquartered in Greater Manchester with regional offices in Yorkshire and the North East proudly aligns its operations with the Government's legally binding target to achieve net zero greenhouse gas emissions by 2050. This document outlines our strategic roadmap, operational innovations, and partnership model to decarbonise drainage infrastructure while maintaining service excellence for local authorities, water companies, housing developers, and commercial clients.

Current Emissions Baseline

In 2024, our scope 1 and 2 emissions totalled 1,840 tCO_2e, primarily from diesel-powered jetting units (62%), fleet vehicles (28%), and grid electricity for depots (10%). Scope 3 emissions from supply-chain cement and plastic pipe procurement added a further 3,210 tCO_2e.

2050 Targets

Fleet electrification: 100% transition to battery-electric and/or hydrogen fuel-cell vans and HGVs by 2040, supported by on-site rapid charging at all depots.
Equipment decarbonisation: Replacement of high-pressure jetting rigs with electric-hydrogen hybrids, cutting diesel consumption by 1.2 million litres annually.
Renewable energy: Installation of 750 kWp solar arrays and battery storage across depots, targeting 85% self-consumption of generated electricity.
Circular procurement: Mandate for 50% recycled-content HDPE pipes and low-carbon concrete in all projects from 2026.

These measures will deliver a 58% reduction in scope 1 and 2 emissions by 2050, exceeding the Climate Change Committee's recommended trajectory for construction contractors.

Innovation in Sustainable Drainage Systems (SuDS)

We intend to become approved installers under the Environment Agency's SuDS framework, integrating net zero principles into every scheme. Our proprietary "ClearFlow Zero" design package employs modular geotextile-lined attenuation crates manufactured from 95% recycled ocean-bound plastic. Life-cycle analysis demonstrates a 42% lower embodied carbon footprint compared with traditional concrete tanks. Recent projects in Leeds and Southampton have substituted 1,800 m^3 of virgin concrete with geopolymer alternatives, avoiding 320 tCO_2e.

Supply-Chain Collaboration

We require tier-1 suppliers to submit Science-Based Targets initiative (SBTi)-validated decarbonisation plans by 2027. Joint ventures with pipe manufacturers have already yielded a bio-based resin reducing polymer emissions by 18%. Annual supplier forums facilitate knowledge transfer on low-carbon asphalt for manhole reinstatements and enzyme-based fat-dissolving treatments that eliminate caustic chemical use.

Workforce Upskilling

Operatives will undertake mandatory modules on PAS 2080 carbon management, ensuring net zero literacy cascades from boardroom to site.

Financing the Transition

Capital expenditure is underpinned in green loans at preferential rates tied to verified emission reductions. Revenue from inset offsets—generated through verified peatland restoration —this will fund community heat-pump installations in social housing served by our drainage upgrades.

Governance and Reporting

The Net Zero Steering Committee, chaired by our Managing Director, meets quarterly to review KPI dashboards aligned with Climate-related Financial Disclosures (TCFD).

Call to Action

Clearway invites clients, regulators, and peers to co-develop pilot schemes demonstrating whole-life net zero drainage. By embedding carbon accounting into framework tenders and adopting outcome-based specifications, the sector can accelerate progress toward 2050.

Clearway Drainage Systems Limited – engineering resilient, carbon-neutral networks for future generations.

Date of Issue: **01/03/2026**	**Signed:** 
To be reviewed in event of changes to legislation or changes within the business	**Print Name:** **KRIS EASTWOOD, MANAGING DIRECTOR**