

Our Net Zero Roadmap

details the actions we're taking to reach our climate targets. This includes becoming non-operationally net zero for our own scope 1 and 2 emissions by 2026 (excludes Shrinkage from the gas network).

Our path to decarbonising our business operations for future generations

Solving the problem means identifying it first. In 2019/20 Cadent emitted 1.66m tonnes of greenhouse gas emissions (scope 1 and 2).

Our own net zero strategy is split into three distinct areas. 1) Decarbonising our business operations, 2) Reducing our environmental impact, 3) Facilitating the low emissions energy system transition. Our Environmental Action Plan states our ambition and targets for our current price control period, RIIO-2.

We know that as we grow our emissions will grow and that's why we're aligned to becoming net zero by 2050 based on our 2019/20 baseline, no matter how much our company grows.

The delivery of Net Zero by 2050 requires an unprecedented amount of change, investment and collaboration. Hydrogen will play an important role as an energy source for industry, transport, power generation and heating buildings and homes, that's why we're acting now.

Moving faster

Carbon

- Procure 100% certified renewable energy
- Operate a fully electric company car scheme
- Zero emissions first responder vehicle fleet across all our networks
- Reduce all utility energy consumption by at least 10% by 2024
- Deliver a 15% reduction in business mileage emissions intensity
- Work with our suppliers to extend the measurement of, and continually reduce, Scope 3 indirect emissions

Biodiversity

- Baseline biodiversity surveys c1000 sites, create a site by site biodiversity opportunity map
- Demonstrate 30% biodiversity net gain by 2030 across the networks

Construction

- Introduce net zero construction sites from 2023

Waste

- Minimise the use of first time aggregate with less than 10% backfill will be first use aggregate in the North West and East of England, and 5% in the West Midlands and North London
- Less than 5% of our waste from excavations will be sent to landfill

Shrinkage

- Outperform our reputational shrinkage incentive target

Hydrogen

- Launch a Hydrogen Skills Academy and a hydrogen education programme by 2024
- Put pace into the adoption of hydrogen vehicles from 2025
- Installing hydrogen-ready appliances by 2026 or sooner
- Publish plans to demonstrate heat decarbonisation of whole communities by 2025

Scaling up

- We will reduce our methane emission rates by more than the UK's 30% target by 2030
- We will demonstrate hydrogen at scale through a range of initiatives by 2035 such as:
 - Deliver the first scaled hydrogen blending facility from 2025
 - Deliver the UK's first 100% hydrogen pipeline by 2027
- Enable 5GW of hydrogen production in our region by 2030

Delivering our promise

Our ambition is to make hydrogen a safe, fair and reliable choice for consumers.

Path to net zero by 2050
 Business as usual operations
 * All targets by 2026 unless stated

