



Doncaster
Council

Doncaster's environmental objectives – how different technologies may play a part

Environmental Objectives

Strategy and Decisions

- Declaring a Climate & Biodiversity Emergency
- Net Zero targets of 85% reduction in CO2 by 2030, net zero by 2040
- New Environment & Sustainability Strategy – for the city
- Net Zero Carbon Masterplan
- Climate Change is one of 8 priorities for the Team Doncaster partnership
- Environmental impact is now a key consideration in decision making
- Council leadership has never before been this strong on environment

Environmental Objectives

Commitments in 2021-22

- Plant 1 Million Trees by 2030
- Fleet Replacement Programme – zero emissions
- £5m Environment & Sustainability Fund
- £2.7m allocated to solar
- £12m allocated to housing retrofit
- Development of Habitat Bank for Biodiversity Net Gain
- Peatland Restoration
- Team Doncaster – Environment Group established with themed groups for the Built Environment / Natural Environment / Education & Consumption / Green Tech & Economy

Technology

What might feature in our route to net zero

- Energy efficiency
 - Heating, Lighting, Building Fabric
- Waste & Water
- Renewables and the Fuel Mix
 - Placed 9th amongst all UK Local Authorities for the number of solar PV installations, with 7,311 homes/buildings utilising them.
 - That's 9th out of 406 Local Authority areas!
 - The recently approved 49MW solar farm, at Warren Farm in Dunsville, is one of the largest in the north of England.
 - We have the highest level of installed wind energy generation in South Yorkshire, with 61MW
 - greater than the combined wind energy generation across the rest of South Yorkshire.
 - There is a total of 1,268,700 MWh of electricity consumed annually in Doncaster.
 - There is a total of 201,413 MWh of electricity generated from wind and solar alone, making up 15.8% from true renewables.
 - There is a total of 270,647 MWh of electricity generated from wind, solar, anaerobic digestion, sewage gas, landfill gas, municipal solid waste and biomass, delivering 21.3% of the electricity fuel mix.

Technology

What might feature in our route to net zero

- Green Gases
- Green Mobility
 - Electric
 - Transition fuels for HGV's
 - Hydrogen
- Regenerative Farming
- Smart Technology
 - Efficiency of equipment, process and connectivity
 - Recording and monitoring

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