

The logo for West Yorkshire Combined Authority features a large, stylized letter 'W' composed of three overlapping, curved segments in shades of teal. The text 'West Yorkshire' is written in a bold, dark teal font, with 'Combined Authority' in a smaller, lighter teal font below it.

**West
Yorkshire**
Combined
Authority

**Tackling the Climate Emergency – a Net
Zero Carbon Leeds City Region**

Energy Strategy and Delivery Plan

- December 2018 – the Leeds City Region Energy Strategy and Delivery Plan was adopted.
- Aim - ‘become a zero carbon energy economy’.
- Five priority areas:
 - Resource-efficient businesses and industry
 - New energy generation
 - Energy efficiency and empowering consumers
 - Smart grid systems integration
 - Efficient and integrated transport



Climate Emergency

- In line with most of the region's local authorities, the Combined Authority and LEP declared a climate emergency (27 June 2019).
- Strengthened the City Region's target:

Become net-zero carbon by 2038, with significant progress made by 2030.



Scale of the challenge

- The City Region emitted 15.6 Megatonnes of Carbon Dioxide (MtCO₂) in 2017.
- Or the equivalent of 15,600,000 blue balloons.



Source: WordPress.Com

Scale of the challenge

- To meet the target, rapid action is needed over the next 10 years.
- We need to reduce emissions by 14.5% every year – and halve outputs every five years.
- By early 2030 carbon emissions need to be around two mega tonnes, with final savings made by 2038.
- We have established a carbon budget, quantifying how much carbon we can emit whilst still meeting our targets.
- Keeping within the budget is essential as slow progress in the early years will require substantial savings later (likely at substantial cost).
- This budget will be used up in 7.6 years if urgent action is not taken.
- All sectors will need to play a role.

Recent Activity

- Sector specific workshops.
- Leeds City Region Climate Coalition.
- Project development support for 15 low carbon projects.
- 1,000 homes in 2019/20 held benefitted from energy efficiency improvements.
- 88 ultra-low emission vehicle charging points being installed.
- £1.7m of natural flood management schemes funded.
- Domestic energy efficiency programmes being developed.
- Clean Growth Audit – identification of energy / carbon intensive industry.
- Resources ask to tackle the climate emergency made to the Government.



Practical support available – Businesses

The ReBiz programme

- Support for SMEs to reduce energy, carbon, water and waste.
- [Builds on the Resource Efficiency Fund \(video\)](#)
- Support available includes:
 - Free resource or energy efficiency audit worth up to £1,200.
 - 40% funding towards capital investment projects to a maximum £40,000 grant.
 - Free circular economy consultancy of up to 30 days intensive support.

Practical support available – Transport

- The LEP's **Travel Plan Network** works with employers to create cost-effective, sustainable ways to travel for business and to commute to work.
- CityConnect's **Bike Friendly Business** scheme offers grants of up to £5,000 and expert advice to employers to encourage staff to commute by bike.



Energy Accelerator

- A new project development support service
- Removes barriers (e.g. funding, expertise) preventing investment in low carbon and energy efficiency projects
- Public and private organisations
- Support provided across four focus areas:
 - Street lighting
 - District heat networks
 - Energy efficiency and renewables
 - Residential



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Emission Reduction Pathways



Power



Buildings



Transport



Industry



Land use

The project will focus on the five sectors outlined above and produce four emission reduction pathways setting out a range of options for how the region could reach net zero.

Emission Reduction Pathways

Tasks

- Develop pathways that demonstrate how the net zero carbon target could be met.
- Produce an implementation roadmap for the Leeds City Region's preferred pathways.
- Produce policy recommendations and an action plan for the Leeds City Region to deliver.
- Extensive stakeholder engagement to be carried out March – Summer 2020 to determine the preferred pathways to be chosen.
- Results will feed into the new Tackling the Climate Emergency Delivery Plan (replacing the ESDP).
- Seek endorsement of the LEP by Autumn 2020.

West Yorkshire Combined Authority & LEP

Corporate Tackling the Climate Emergency Programme

- Play a leading role in the City Region
- Embed actions across our organisation
- New Policy and set of principles
- New Corporate Action Plan
- Strengthened and balanced decision making

Our principles



1 - Reduce energy and carbon emissions



2 – Minimise waste and water consumption



3 – Tackle air quality and improve health



4 – Use sustainable resources



5 – Enhance our natural environment



6 – Integrate clean growth decision making



7 – Measure and report our performance