

Kirklees Climate Emergency and Kirklees Air Quality Strategy and Five Year Quality Action Plan

Purpose of the Presentation

- International, national, regional local strategic context
- Progress on the council resolutions made in March 2018 and in January 2019 regarding Air Quality and the Climate Emergency
- Climate Emergency Working Party
- Highlight current achievements by Kirklees Council
- Recommendations and next steps

International, National, Regional and Local Context

International and National Context



National Context

Using known technologies, the UK can end its contribution to global warming by reducing emissions to Net Zero by 2050



Over the last decade, summers have been **13% wetter**, and winters have been **12% wetter***

2018 was the **3rd sunniest** year in a UK series starting 1929

The **top 10 warmest years** have all occurred since 2002****

10 named storms battered the UK during 2018

In 2018, average sea-level around the UK was **equal highest** (with 2015) on record*****

Despite most significant snowfall since 2010...
...UK snow events have **declined** since the 1960's

6 of the 10 **wettest** years have all occurred since 1998**

8 of the 10 **warmest years** for **near-coast** UK temperatures have occurred this century



Air Quality – National Context

Scale of the problem

It is estimated that **long-term exposure to man-made air pollution in the UK** has an annual effect equivalent to:



28,000 to 36,000 deaths

Over the following 18 years a **1 $\mu\text{g}/\text{m}^3$ reduction in fine particulate air pollution in England** could prevent around:



50,900 cases of coronary heart disease

16,500 strokes



9,300 cases of asthma

4,200 lung cancers

Regional Context – LEP and WYCA



- The West Yorkshire Combined Authority has formally declared a climate emergency and called for urgent collaborative action to tackle emissions
- Commitment by the Combined Authority and the Leeds City Region Enterprise Partnership (the LEP) to become the UK's first zero carbon city region, and declarations of climate emergencies by all councils within West Yorkshire
- Other organisations setting out their own actions

The Local Strategic Context



Corporate
Context – action
on climate
change
important for
our shared
outcomes

**Kirklees Council's
Corporate Plan 2018/20**
(2019 refresh)

Our Vision

Our vision for Kirklees is to be a district which combines a strong, sustainable economy with a great quality of life – leading to thriving communities, growing businesses, high prosperity and low inequality where people enjoy better health throughout their lives.

Our shared outcomes



Best start

Children have the best start in life



Well

People in Kirklees are as well as possible for as long as possible



Independent

People in Kirklees live independently and have control over their lives



Aspire and achieve

People in Kirklees have aspiration to achieve their ambitions through education, training employment and lifelong learning



Sustainable economy

Kirklees has sustainable economic growth and provides good employment for and with communities and businesses



Safe and cohesive

People in Kirklees live in cohesive communities, feel safe and are safe/protected from harm



Clean and green

People in Kirklees experience a high quality, clean, sustainable and green environment



PLUS Efficient and effective

Kirklees Council works smart and delivers efficiently and effectively.

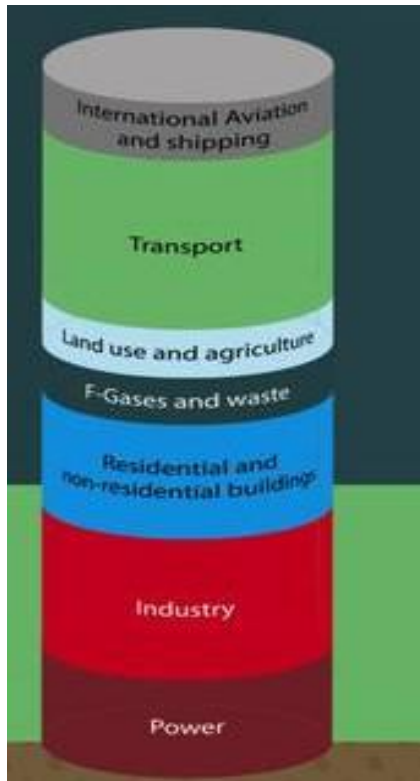
People

Partners

Place

We will work with people and partners using a place-based approach to achieve our shared outcomes and ultimately our vision.

Carbon Context – Decarbonising our transport system is an important focus



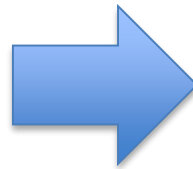
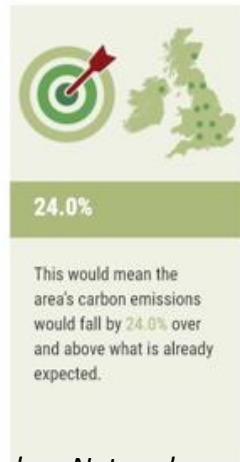
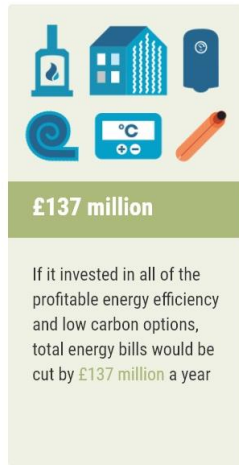
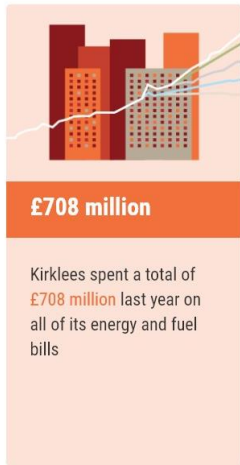
- Carbon emissions come from a number of sources and the Council will need to work with partners, residents and business to address all of these
- Transport is now the largest source of UK greenhouse gas emissions at **23%**. Emissions rose between 2013-2017

Air Quality Context – Decarbonising our transport system is an important focus

- Nitrogen Dioxide is responsible for 9 of the 10 Air Quality Management Areas in Kirklees.
- Transport is the largest contributor to NO₂ emissions
- Bring forward sustainable and active travel options alongside our wider infrastructure investment as a move to decarbonising our transport network holistically is key focus



The Opportunity and benefits for Kirklees



- Improved quality of life
- Improved air quality
- Increased resilience
- Improved recreational benefits
- Lower risks to businesses, organisations and citizens from climate change
- Opportunities for businesses and industry

Source: Place Based Carbon Network

Air Quality and Climate Change Emergency Motions and the Councillor Working Party

Air Quality and Climate Change Motions

- The Council passed a motion declaring a district-wide climate emergency in January 2019 and established the **Climate Emergency Working Party (CEWP)** to identify actions to reduce emissions in Kirklees as a response to the above
- Report and recommendations to Cabinet on the Air Quality Strategy and Action Plan comply with Council motion in March 2018 relating to Air Quality and the Council's Climate Emergency motion in January 2019

Councillor Working Party and the Environmental Audit of Kirklees Council

- Cllr Murgatroyd (Chair), Cllr Mather (Portfolio Holder), Cllr Uppal, Cllr Walker, Cllr Andrew Pinnock, Cllr Cooper.
- Non council representatives, including Youth Council
- Meetings held capturing current council progress, suggestions for future work and innovative suggestions
- Evidence submitted from officers across the council
- The working party and its report will be presented to Full Council

Councillor Working Party Outcomes

- The Working Party has made a series of proposals for the Council to take forward as a priority to address the Climate Emergency.
- Further detailed proposals are made as a result of the Environmental Audit in Section 5 of the Working Party Report
- Real positives in the way in which the Council has been changing services in the light of carbon reduction measures for some time

Examples of Recent Council Achievements

1. Council and District Carbon Reduction Targets for 2020-21

2. Street Lighting LEDs

3. Catering Service – less waste and more local

4. Bradley Junction Traffic Lights

5. Energy Efficient Council Homes

6. Ravensthorpe 'Deep clean'

7. Huddersfield Heat Network

8. Electric Vehicle Rapid Charge Points

9. ECO Stars Freight Recognition Scheme

10. Leading on the delivery of West Yorkshire Low Emission Strategy

Proposed Ambition:
'Net Zero' carbon emissions and
air pollution-free by 2038

Phase 1 Recommendations for immediate implementation (CE Working Party)

1. Adoption of an ambitious net zero carbon target by 2038 with an associated carbon budget

2. Public disclosure of Council and district carbon emissions

3. Boost woodland via the existing White Rose Forest partnership

4. To implement an extensive communications and engagement campaign

5. Establish 'Kirklees Climate Commission' and Kirklees 'Green Charter'. To deliver with people and partners.

6. To develop a Kirklees Youth Summit

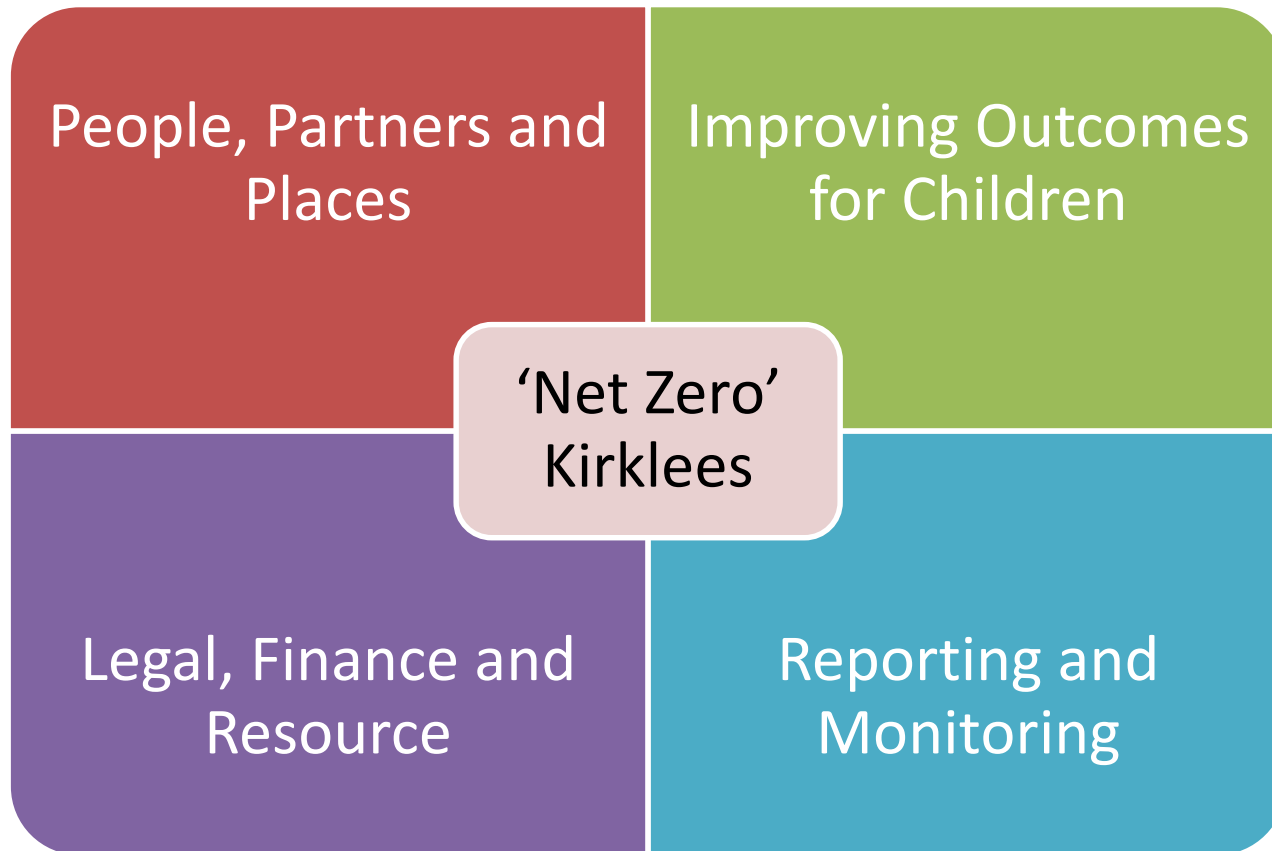
7. Support the West Yorkshire Combined Authority pledge for the Leeds City Region to reach net zero carbon emissions by 2038.

Recommendations for immediate implementation– Air Quality

- A key part of our recommendations is that the Kirklees Air Quality Strategy and Five Year Quality Action Plan are submitted to DEFRA
- Action Plan a statutory document required by law
- Immediate commencement on key air quality actions where feasible



How we will achieve the ambition



What comes next?

- A commitment to an ongoing action plan to address the climate emergency (linked to the Council's Carbon budget and proposed net zero target of 2038 and to the recommendations of the CEWP):



What could this mean in practice?



Together with decision making which takes into account our carbon reduction and air quality targets and a new Integrated Impact Assessment when the council introduces new policies