

# Climate Change and Communities Scrutiny Panel

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# Update: 2041 Net Zero Strategy Development

Progress update of the Net Zero 2041 Strategy for the City.

## Background

- 2019: Climate Emergency declared.
- 2020: Future Generations: Our Commitment Strategy, approved.
  - Two Net Zero targets:
    - 1) Net Zero across Corporate Activities: 2028
    - 2) Working with Partners to achieve Net Zero City: 2041

# Update: 2041 Net Zero Strategy Development

## Reframing the Motivation for Net Zero

Climate Action/ reducing carbon emissions is fundamental to avoid the worst effects of climate change impacts on Wulfrunians and City's economy.

Cultural and behavioural change are needed at pace and maintained.

### Critical to refocus short-term co-benefits that Net Zero transition can bring (examples include)

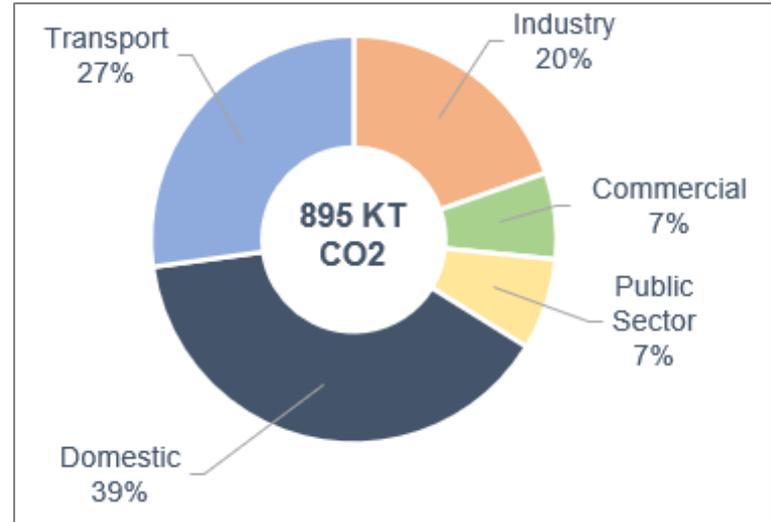
Fuel Poverty reduction & energy security	Business resilience
Public health benefits from cleaner air	A Greener City and climate adaptation
Skilled Green Sector Jobs	Circular Economy opportunities
Warm and low-cost-energy homes	Technological and digital innovation

# Wolverhampton Carbon Footprint

2021: energy only emissions from City of Wolverhampton were circa 900,000 tonnes (900KT) of carbon dioxide (CO<sub>2</sub>).

Council's corporate carbon footprint of 11,600 tonnes of CO<sub>2</sub>e is 1.2% of the City's emissions.

Achieving our net zero target of 2028 will contribute to the city's Net Zero ambitions.



# Comparisons and Interventions

## Region

- Wolverhampton per person emissions remains joint second smallest across West Mids. (5th in terms of the per capita emissions reductions between 2005 and 2021).
- Since 2005 **Wolverhampton realised 44% reduction** in absolute emissions, compared to 36% across the Region, and 39% across the UK

## Pathway

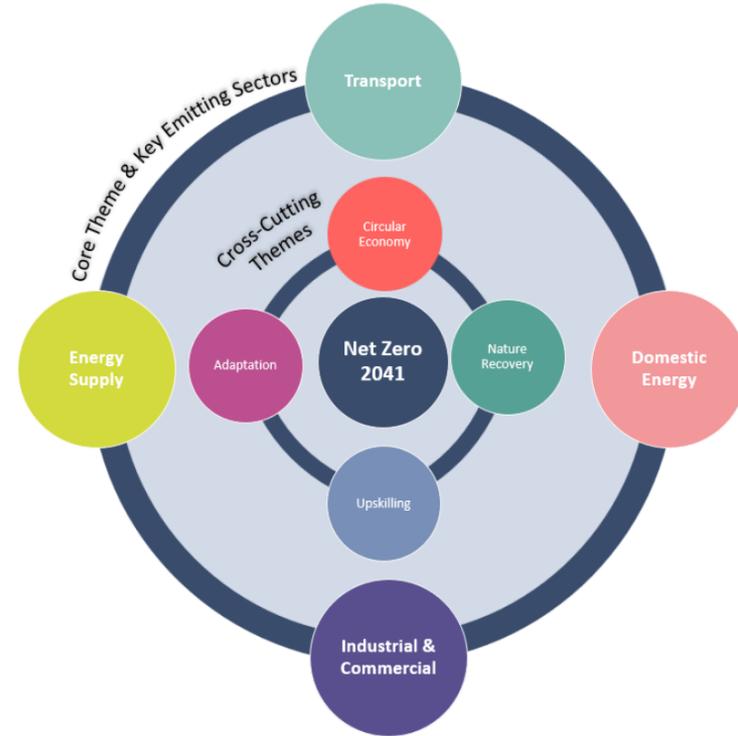
- 2041 strategy development outlines a pathway to Net Zero, requires significant intervention for carbon reductions by the end of each 5-year carbon budget period
- Aggressive interventions at city level required to bridge policy gap from central government

# Action Plan

## 20 Actions in development (draft)

- Internal and external stakeholder collaboration.
- Elected Members and public engagement/ consultation to be undertaken.

Core themes	Cross cutting themes
Transport	Circular Economy
Domestic Energy	Adaptation
Industrial & Commercial	Nature Recovery
Energy Supply	Upskilling



# Monitoring, Reporting and Governance

## **‘One Council’ approach**

- Progress against agreed KPI’s
- Synergies with Good Growth Strategy, matrix groups and Anchor Network
- Greater efficiency, opportunities, transparency and broader stakeholder inclusion
- External governance paramount for Action Plan endorsement and oversight

## **Embedding Climate Action Assessment Tool (CAAT)**

- Evaluation of Capital Projects throughout life cycle/ RIBA stages
- Visibility of maximising Climate Action measures and interventions

# Strategic Developments and Land Use

## **Creativity, Innovation and 'Invest to Save'**

- Projects explore commercial market options and grant funding applications
- Full analysis of Operating Expenditure options, not only Capital Costs
- Costs of maximising; renewable energy, climate adaptation, low carbon materials and circular economy, not a reason for design exclusion or value engineering

## **Green Innovation Corridor**

- Springboard for City's 'Green Revolution' of showcase designs, construction and land use
- Embracing; green technology, renewables, climate resilience
- Partnering with Anchor Network and others to upskill, train, create employment
- Incorporate circular economy within construction design and material use

## **Regeneration, Housing, Education, Health Developments and Procurement**

- For a 2041 Net Zero Wolverhampton, need to maximise all decarbonising opportunities

# Key Policy Outcomes

## Local Plan

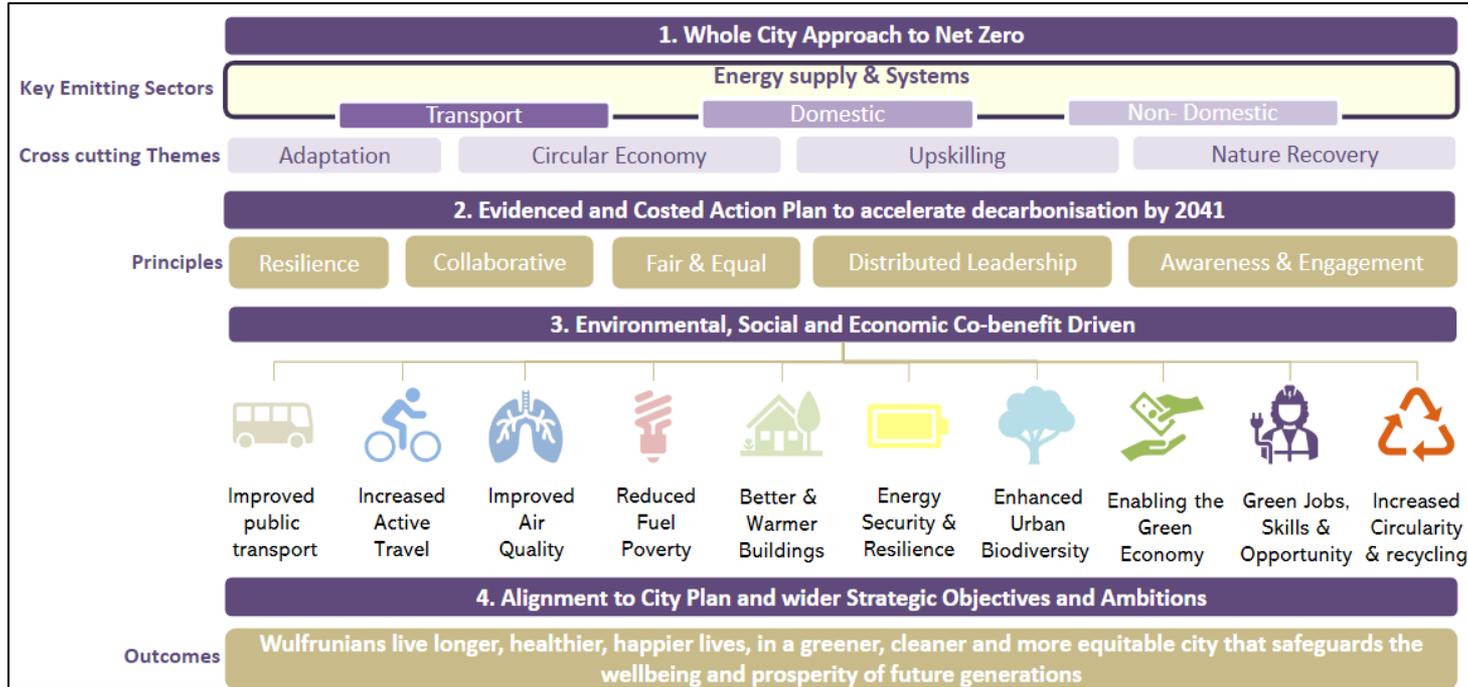
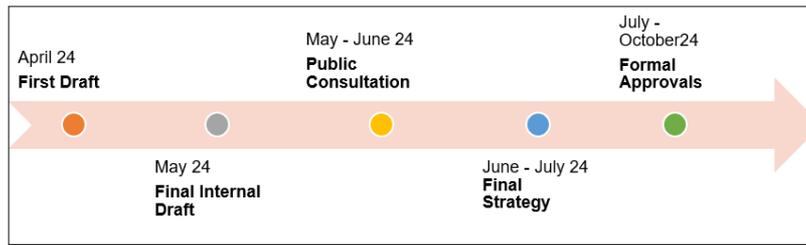
Will inform elements of the local plan to ensure that there is a stronger focus on decarbonisation particularly regarding new build properties and the roll out of renewable energy and other strategic energy infrastructure in the City.

## City Plan

Mapping Net Zero Strategy to Our City: Our Plan - ensure can deliver on core outcomes and ambitions whilst ensuring Net Zero embedded in decision-making process.

## Good Growth Strategy

A just and equitable economy that leverages green innovation and net zero to achieve good growth and strengthen the City.



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