

WM Sustainability Roadmap to 2030 Our work with local authorities

















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- Sustainability adviser to cross-sector leaders of the West Midlands
- Established 2002
- Independent
- Not-for-profit



Our 2030 Vision:

The West Midlands is leading in contributing to the national target of net zero greenhouse gas emissions by 2050 whilst addressing health inequality and driving inclusive growth





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Our members





















































Department for Business, Energy & Industrial Strategy



















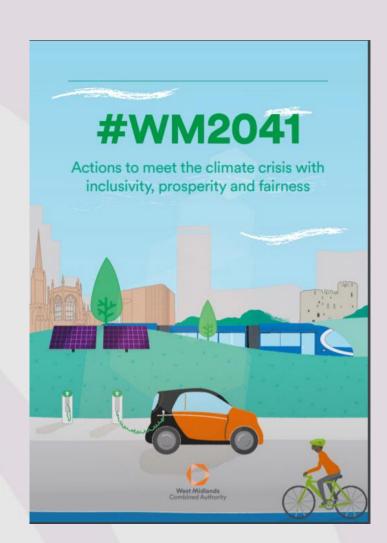








- Sustainability Delivery Partner for 3 yrs
- Independent advice
- Benchmarking of <u>strategies</u> and <u>metrics</u> against other CA's
- Sustainable Business Support Hub
- Development and engagement on Net
 Zero target
- Net Zero cross-sector event





- #WM2041 details 74 actions including digital focus:
 - Learning from 5G pilots, deploy smart tech in a way that enables low carbon living.
 - Work with 5G team to support
 infrastructure for digital connectivity to
 reduce the need to travel and improve
 remote working.
- Open for consultation until 12 March 2020.







- <u>Local Industrial Strategy includes:</u>
 - Major new market opportunity in data driven health and life sciences
 - UK's first Future Mobility Zone between
 Birmingham, Solihull and Coventry.
 - Creating new markets in CAV and EV.
 - Create new integrated control centre to deliver smart streets and reduce congestion.
 - Work with construction sector to accelerate use of data and innovation.
- Action plan for each sector strength



Major new market opportunities

Future of mobility

Data driven health and life sciences Creative content, techniques and technologies

Modern services

A distinctive economy - Creative and innovative, with global supply chain strengths a diverse and young population, well connected, trading and entrepreneurial. Unique opportunities ahead in the Commonwealth Games and City of Culture.

Sector strengths

Low carbon technology Energy and clean growth Aerospace
Precision
component
manufacturing

Logistics / transport technology Future mobility Metals & materials
Innovative supply chains

Devices
Diagnostics,
real life testing

Professional skills Skills and a full services sector **Rail** Digital rail High Speed 2 Construction
Offsite modern
manufacturing
Land remediatior

Creative
Games, Next Gen
content, process
and product
design and
designer maker

Food & drink
Machinery,
food & fluid
control tech,
Photonics R&D

Automotive
Battery
development
Drive train
CAV

Tourism
Shakespeare's
England
Commonwealth
Games

City of Culture

Actions to unblock barriers to productivity and growth, integrated in places and communities to drive inclusion

Foundations of productivity - drivers and enablers of growth

People, skills & employment Infrastructure & environment Ideas / Innovation Business environment

Place



URBAN CHALLENGE



CHALLENGE #1 - WELLBEING



CHALLENGE #2 - HOUSING





CHALLENGE #3 - YOUTH UNEMPLOYMENT

CHALLENGE #4 - DIGITAL CITIZENSHIP













- Stakeholder consultation for LEP Energy Strategy
 - LEP intends to lead the UK's digital transition, transforming the county into 'The Smartshire'.
 - Digital connectivity crucial to the future of Worcestershire
 - Recognition of areas strengths in AI and the data economy
 - 5G pilot testbed
 - Smart and clean infrastructure
 - Advanced manufacturing and smart factories



Raising environmental awareness

- Deliver public information campaign about risks of Climate Change and solutions to mitigate its affects
- Encourage citizens to make Climate Change pledges
- Deliver a Citizens Assembly on Climate Change

Reducing the council's carbon emissions

- Making the council's transport fleet ultra-low emission by 2028
- Council to purchase only renewable electricity for its estate
- Install SMART Technology to maximise energy efficiency of council buildings

Increasing sustainability within the council

- Improve transparency around recycling in the city
- Continue ensuring that all future corporate regeneration schemes are evidently sustainable
- · Reduce printing in the council

CITY OF WOLVERHAMPTON COUNCIL

OUR COMMITMENTS



To ensure future generations of Wulfrunians *live longer, healthier lives* we will take immediate action, altering the way we generate energy, care for the environment and deliver services.

Improving support towards carbon reduction in the city

- Deliver Black Country Ultra-Low Emission Vehicle Programme
- Support delivery of renewable energy facilities within the city
- Request review of the West Midlands Pension Fund's investments
- Further develop existing infrastructure to support energy shift

Improving support for sustainability in the city

- Deliver programme to encourage sustainability in our city's schools
- Deliver SMART City initiatives that enable more sustainable practices
- Deliver scheme that encourages business to eliminate single-use plastics

Increasing carbon capture

- Implement the Tree and Woodland Strategy
- Develop tree planting programme within the city





DIGITAL INFRASTRUCTURE STRATEGY

FULL-FIBRE BROADBAND Local full fibre network

Connecting public sector premises across Wolverhampton to a full fibre broadband network

Social housing fibre rollout

Through use of non-exclusive wayleaves to enable to rollout

Gigabit vouchers

£2,500 available to small and medium sized enterprises

WIRELESS CONNECTIVITY

Smart infrastructure

Upgrading lampposts to run Smart technologies and facilitate the rollout of 5G small cell

WMCA Urban Connected Communities 5G

Facilitating the rollout of 5G across Wolverhampton including infrastructure acceleration and a testbed around construction

CROSS CUTTING Assets for technology

Addressing barriers and maximising use of our assets for technology

Growing Wolverhampton's digital economy, skills and inclusion Maximising benefit from digital infrastructure to Wolverhampton's businesses and residents

> CITY OF WOLVERHAMPTON COUNCIL





- Sign up to our monthly Newsletter
- Join us as a member
- Join a relevant network they're free!
- Support our networks and their events
- Follow us on Twitter @SWMtweet





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