

Supplementary Papers

The Future Oxfordshire Partnership

held in the Council Chamber, Cherwell District Council, Bodicote House,
Bodicote, Banbury, OX15 4AA
on Monday, 20 March 2023 at 2.00 pm

5. Pathways to Zero Carbon Oxfordshire Joint Action Plan (Pages 2 - 6)
Introductory slides presented to the Partnership.



PAZCO: FOP Joint Actions update

- **£3.5bn investment by 2030** and KPIs across transport, buildings, industry, nature restoration.
- Realised through:
 - **Strong policy supporting net zero outcomes**
 - **Community engagement**
 - **New investment and delivery vehicles**
 - **Blended public and private finance**
- Oxfordshire Leading the Way - **lever Oxfordshire's strengths** to go faster - high ambition for ground mount solar, active travel and **maximise benefits of the transition to Oxfordshire**
- Mapped **Oxfordshire's innovation 'eco-system'** – academic, community, business and public sector





FOP PAZCO Joint Actions report

- Commissioned report based on ‘Oxfordshire leading way scenario’
 - New emissions baseline
 - Route maps by sector
 - Carbon budgets – by sector and area
 - Identify areas where Local Authorities should work jointly

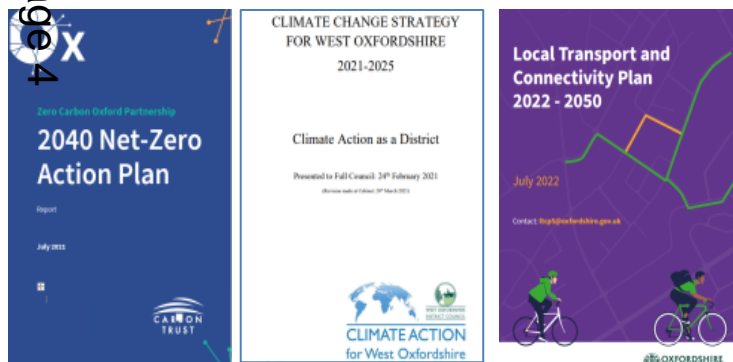
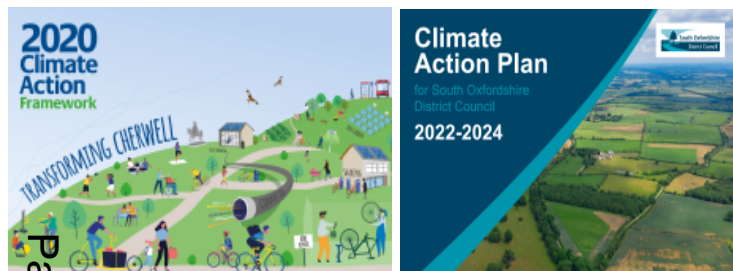
Page 3





Climate action across Oxfordshire

Individual council-led plans



Joint Priority Actions



Our wider Partnerships



Path to Oxfordshire Net Zero: Route Map – Overarching

FUTURE OXFORDSHIRE PARTNERSHIP



Context:

- 2021: Oxfordshire Electric Vehicle Infrastructure Strategy (OEVIS)
- 2022: Local Transport & Connectivity Plan (LTCP)
- 2023: Publish details of Future Homes Standard
- 2023: Completion of Project LEO
- 2023: Allow for hydrogen blending (20% gas grid)
- 2024: South/VoWH Joint Local Plan adoption
- 2025: District Heat Zoning Introduced
- 2025: Gas boilers banned in new dwellings

Publish PaZCO Action Plan

Establish Task and Finish Groups

By 2025

- 6% Transport emissions
- 10% Domestic emissions
- 16% Industrial emissions
- 31% Commercial emissions
- 17% Energy Supply emissions



- 2030: Vale of White Horse 75% reduction
- 2030: Ban on sale of new petrol and diesel vehicles
- 2030: 59% reduction in Greenhouse Gas Emissions
- 2030: Cherwell target date for Net Zero
- 2030: South Oxfordshire target date for Net Zero
- 2028: Commence fifth carbon budget period

By 2030

- 97% Transport emissions
- 73% Domestic emissions
- 31% Transport emissions
- 41% Domestic emissions
- 40% Industrial emissions
- 53% Commercial emissions
- 47% Energy Supply emissions



- 2033: Commence sixth carbon budget period
- 2035: Ban on sale of new hybrid vehicles
- 2035: Ban on sale of new gas boilers
- 2035: Target for 78% reduction in emissions
- 2040: Ban on sale of fossil fuel HGVs (inc. hybrids)
- 2040: Oxford City target date for Net Zero
- 2045 Vale of White Horse target date for Net Zero
- 2050 West Oxfordshire target date for Net Zero

- 63% Industrial emissions
- 80% Commercial emissions
- 69% Energy Supply emissions



By 2050

- 99% Transport emissions
- 92% Domestic emissions
- 78% Industrial emissions
- 87% Commercial emissions
- 84% Energy Supply emissions

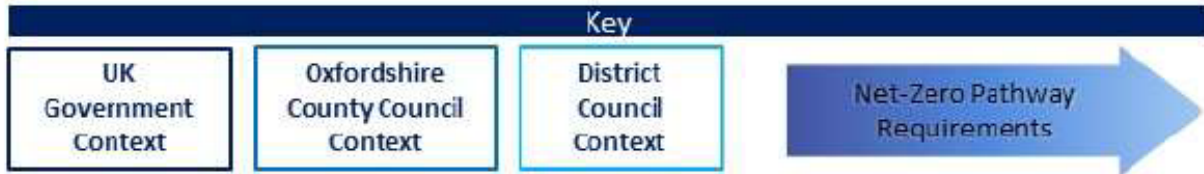


Net Zero Oxfordshire

Page 5

% changes are the total (cumulative change) at that date

Roadmap covers scopes 1 and 2. Scope 3 (embodied carbon, consumption emissions) will need to be included in considerations over coming years to limit Oxfordshire's wider impacts.



Hydrogen sources (scope 3) are out of scope of the work, however estimates have been made for the aggregate impact of hydrogen on the UK system emissions



Proposed joint actions for phase 1

Priority workstream	Reason for prioritisation	
1 Buildings Decarbonisation	<ul style="list-style-type: none">- Commitment by national government to future funding of this area, ambition currently held back by delivery capacity.- Multiple innovation funding streams that would benefit from joint working, knowledge share – Pioneer Places, Heat Networks Ready, LEO- OXLEP work on skills taking place at a County scale	EAG
2 Net Zero Energy - Local Area Energy Planning	<ul style="list-style-type: none">- Grid Constraints recognised as strategic barrier to clean development- Builds on work of Local Energy Oxfordshire and potential follow-on funding, expected to announce March 23, including opportunity to work closely with distribution network operators to support evidence-based investment in network to support effective transition to low carbon energy system	IAG
3 Electric Vehicle Infrastructure	<ul style="list-style-type: none">- Existing joint strategy and City strategy agreed- Devolution of funding 'Local EV Infrastructure' to upper tier local authorities confirmed for 2.5 years- Looking at infrastructure to support car clubs	IAG
4 Land- based Carbon sequestration offset model	<ul style="list-style-type: none">- Joint working with LNP on investment model for land-based sequestration in Oxfordshire.- Harness private sector demand for offset to support wider local nature ambition- Pioneer Places bid	LNP/ EAG
5 Green Finance	<ul style="list-style-type: none">- Reviewing funding sources and investment models- Builds on ZCOP sprint group exploring area based insetting model	EAG