

York and North Yorkshire Strategic Energy Partnership

Local Net Zero
Accelerator Pilot Programme
Market Engagement Webinar

3rd September 2025



York and North Yorkshire Strategic Energy Partnership

Introduction

Katie Thomas

*Senior Strategy Manager – Low Carbon and Environment,
York and North Yorkshire Combined Authority*



Session Overview

- **PURPOSE:** Introduce the Market to the York and North Yorkshire Strategic Energy Partnership and seeking answers to shape our offering via questionnaire – Learn from the market
- **WHY:** Develop a strong strategic energy partnership opportunity
- **NEXT STEPS:** Review and interpret the information provided, refine our proposition, develop our asset prospectus and host our formal offering through a public market engagement event



Agenda

Agenda Item	Speaker	Timing
Introducing York and North Yorkshire Strategic Energy Partnership	Katie Thomas – <i>Senior Strategy Manager, York and North Yorkshire Combined Authority</i>	12:00
Deep Dive: North Yorkshire Council	Michael Leah – <i>Assistant Director of Environment and Transport Services, North Yorkshire Council</i>	12:10
Deep Dive: City of York Council	Claire Foale – <i>Chief Strategy Officer, City of York Council</i>	12:20
Deep Dive: York and North Yorkshire Police and Fire	John Sutton – <i>Sustainability and Estates Manager, North Yorkshire Police and North Yorkshire Fire & Rescue</i>	12:30
Closing Remarks / Summary	Katie Thomas – <i>Senior Strategy Manager, York and North Yorkshire Combined Authority</i>	12:40 – 12:45

- Kindly ask, do not raise hands, we will not directly answer any questions in this webinar.
- Please ask any questions in Q+A function and we will send out a FAQ follow-up post webinar

York and North Yorkshire

Stronger Together



£26 billion
economy (GVA
2023)



Home to almost a
million people



Over 3,000 square
miles of city, rural
and coast



£5.9bn visitor
economy with over
40 million visitors



Carbon Negative
Region by 2040



World-leading
research
universities

Harnessing devolution to deliver our carbon negative ambition

Local priorities – national influence



Quarterly meeting with Prime Minister & Deputy Prime Minister



Direct relationship with Treasury



Mayor committed to net zero by 2034 & carbon negative by 2040



Clean energy is 1 of 5 competitive advantage sectors in YNY's Local Growth Plan



Unlocking new opportunities

Leveraging funding to deliver net zero

£7m Net Zero Fund	£700k + Mayoral Renewables Fund	£12.7m Skills Trailblazer & Skills Bootcamps	£6.1m Local Authority Economic Development Programmes
£8m Carbon Negative Challenge Fund	£1.3m Local Investment in Natural Capital	~£100m Transport Settlement	£9m UK Shared Prosperity Fund
£2.5m Energy Generation Accelerator Programme	£2m City Leap Pilot	£17.3m Brownfield Housing Fund	£27.3 Mayoral Investment Challenge Fund

What is the City Leap Replicator Project?

Local Net Zero Accelerator Programme

- One of three Combined Authorities selected for the Pilot scheme
- Programme is focused on unlocking commercial investment to accelerate the delivery of net zero.
- Test the feasibility of replicating Bristol City Leap & explore other potential models

York and North Yorkshire City Leap Pilot – Options being explored:

- Scaling-up In-House Capacity
- Joint Venture Partnership (Incorporated / Concessional)
- Energy Company Creation



Shaping a Strategic Energy Partnership for York & North Yorkshire

Aim:

To accelerate YNY's journey to becoming England's first carbon negative region through providing a model that increases pace of net zero project development and secures investment, delivering benefits for communities, economic transformation, and carbon emission reduction.



Address these barriers...

Pipeline Development

- Lack of funding to develop projects up to investment ready stage
- Limited capacity & capability within local government to develop projects

Funding & Finance

- Piecemeal funding from central Gov
- Lack of expertise within local government to leverage commercial investment
- Some net zero projects currently lack commercial viability (e.g., due to deep rurality of part of the region)

Delivery

- Long procurement timelines
- Constrained local supply chains & required skills
- Slow pace of delivery – current trajectory means we will not achieve our carbon negative ambition



To deliver...



Healthy & Thriving Communities



Economic Growth

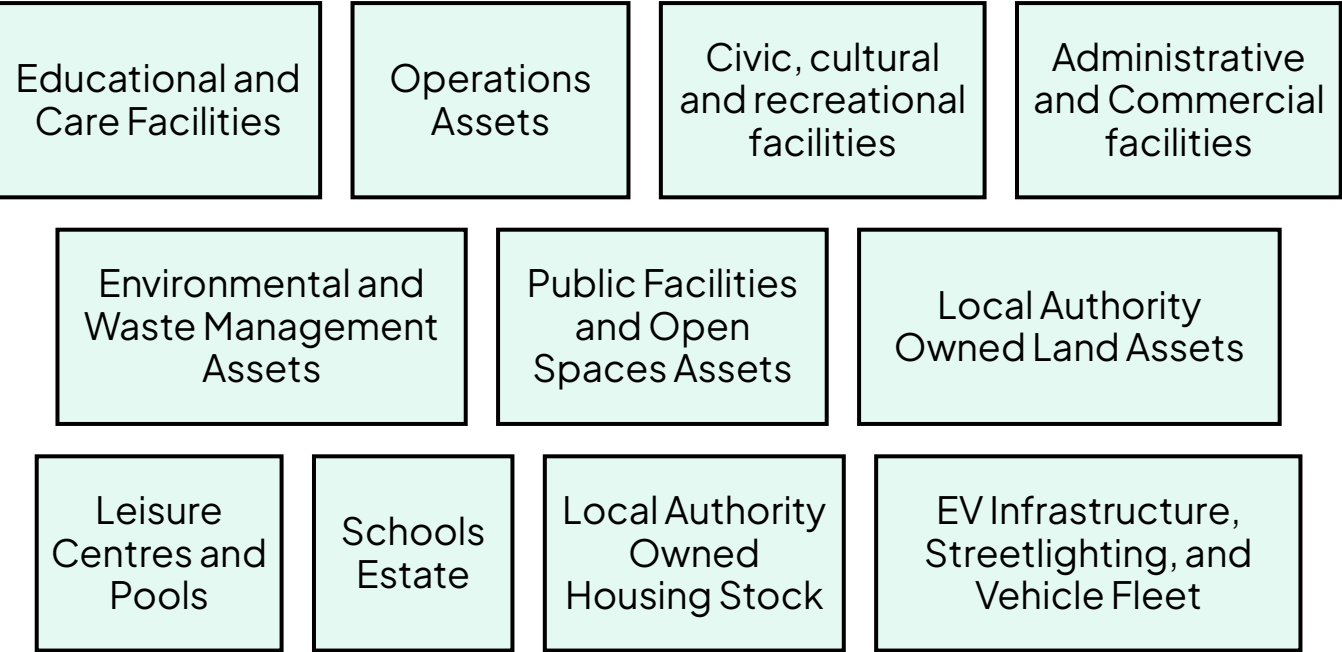


England's first Carbon Negative Region

Regional Asset Overview

Asset Type

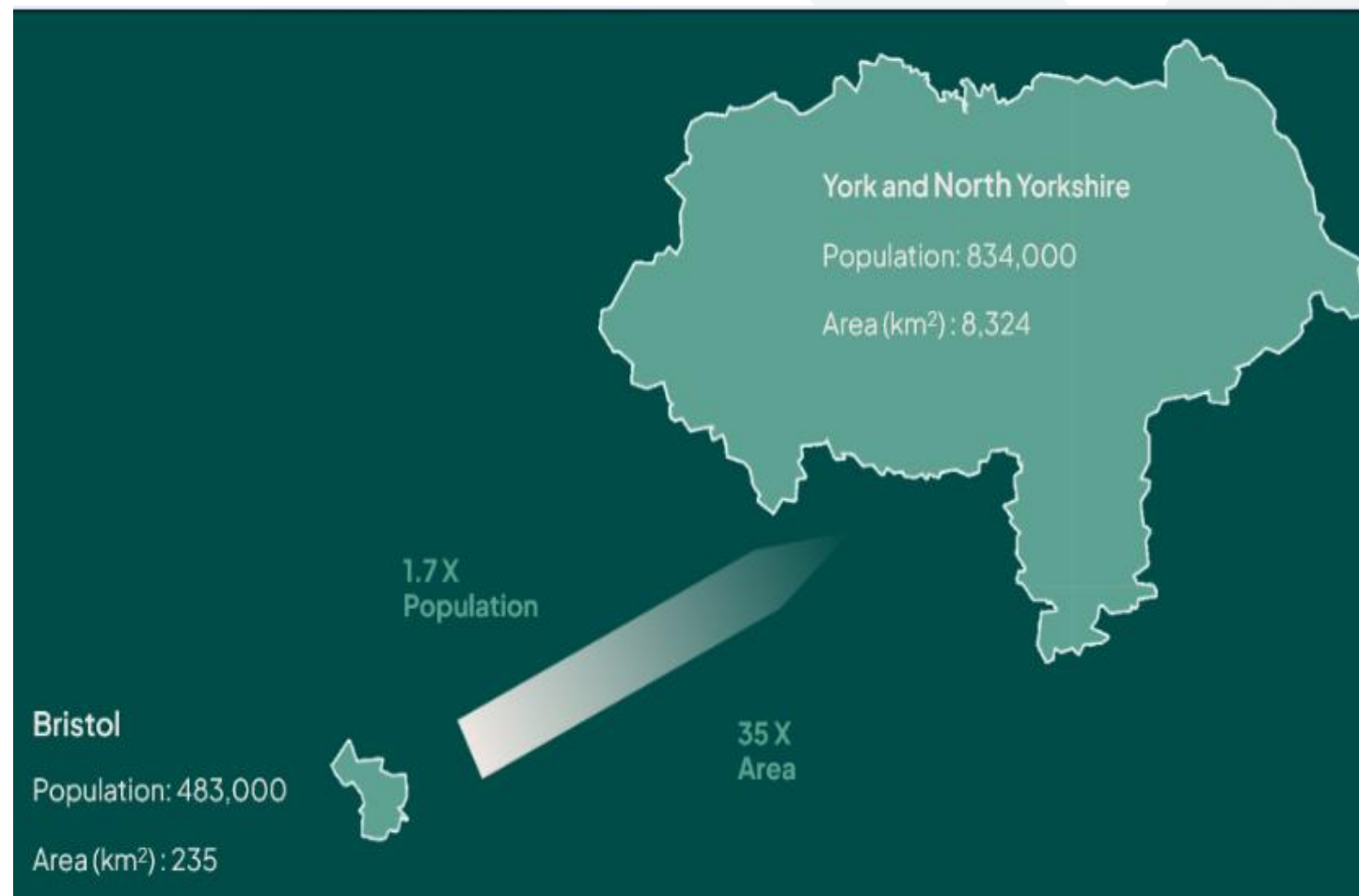
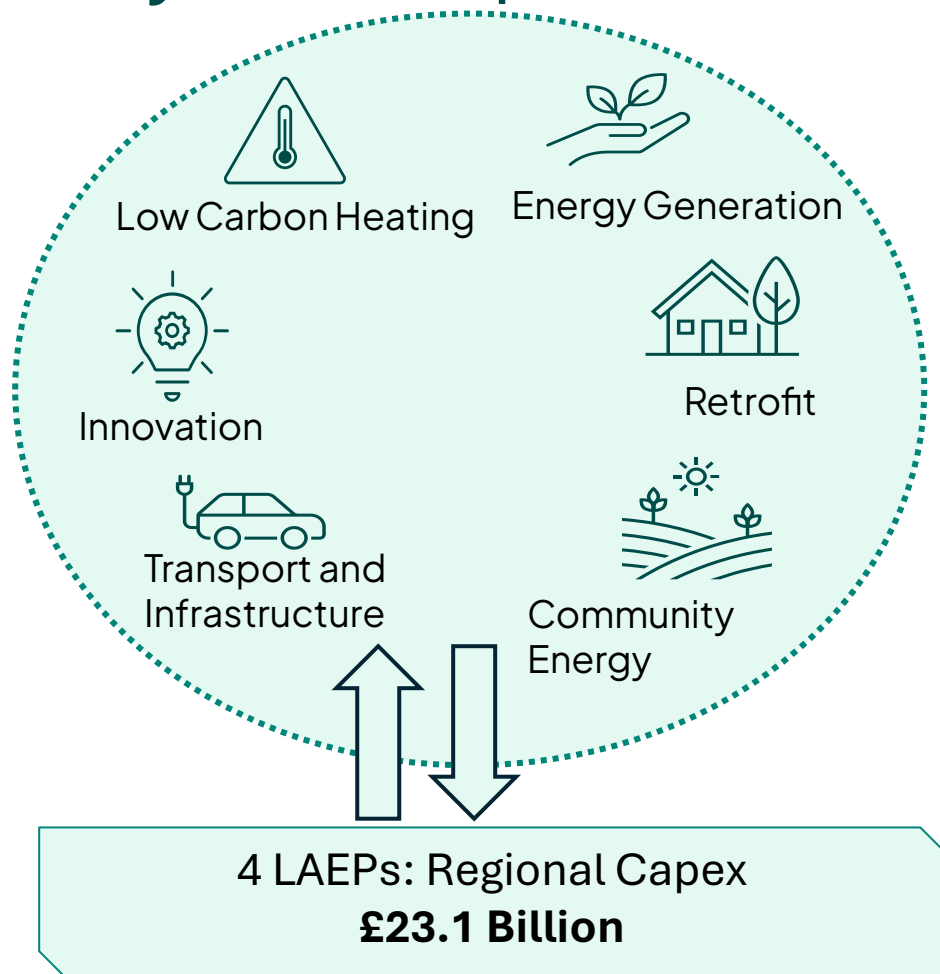
Collective asset base including:
Almost 15,800 domestic residences, 3,400 non-domestic properties, and local authority owned land.



High Level Building Assets Overview

Organisation	Classification	Total (Approx)
North Yorkshire Council	Domestic	8300
	Non-Domestic	3000
City Of York Council	Domestic	7344
	Non-Domestic	321
York and North Yorkshire Combined Authority (Police & Fire)	Non-Domestic	100
Total	Domestic	15,644
	Non-Domestic	3,421

Project Scope & Scale of Opportunity



Regional Stakeholder Interest



OFFICIAL - SENSITIVE



North Yorkshire Council – Insights

Michael Leah

*Assistant Director of Environment and Transport
Services, North Yorkshire Council*



OFFICIAL - SENSITIVE



Introduction to NYC

One County, Many Places
– Urban centres, Market
Towns, Rural and Coastal
areas

Devolution Deal – April
2023 launch of North
Yorkshire Council Unitary
Authority (Formally 7
Districts and Boroughs)

The country's largest
Local Authority by area –
8,000km² – two National
Parks and three National
Landscapes

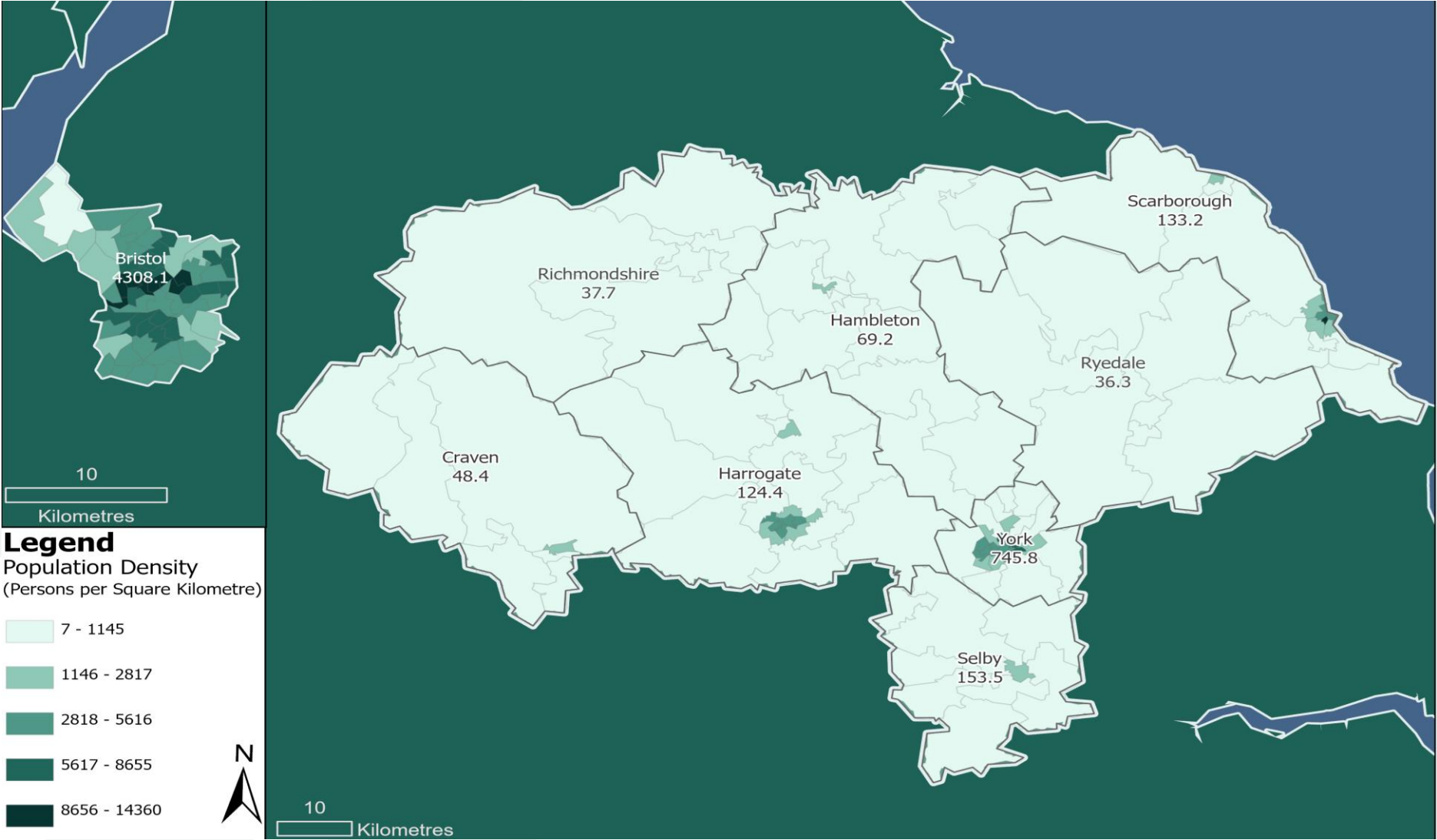
Coastal & marine – 67km
of dramatic coastline

A history of strong in-
house delivery

Ambitious net zero and
carbon negative goals



Local Issues Faced by NYC



Population Density comparisons between Bristol and YNY

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Action to Date

Economic and Regeneration activity

- £30m Transforming Cities Fund – Harrogate, Selby & Skipton : Catterick Garrison Town Centre Project
- £20m Town Deals fund – Scarborough Harbour West Pier regeneration) & £17.1m Whitby regeneration



Homes and Retrofit

- Ambition to deliver at least 2,500 new homes per year across all tenure types, including a minimum of 800 new affordable homes each year.
- Circa £37m secured via domestic retrofit grant schemes



EV Infrastructure Rollout

- Circa £8m of LEVI Funding has been secured and will be utilised to meet the circa 3,100 electric vehicle charging points required



Connectivity

- Investment (circa £68.8m) into connectivity and climate adaptation – Kex Gill providing strategic links between Skipton and Harrogate



Opportunity Areas

Decarbonisation of the Council's corporate estate

Diverse portfolio of assets including 8,300 domestic properties and 3000 non-domestic buildings and land assets.



Leading research and technological advances

Educational establishments, scientific and technological businesses, AI prospects and emerging carbon capture industries.



Established partnerships

Town / Parish councils, Community organisations, public bodies and businesses.



Enhance and work alongside legacy programmes

Transforming city investment, regeneration schemes, EV Infrastructure delivery.



Unique characteristics

- Geothermal opportunity.
- Hydroelectric and blue/green infrastructure.



City Of York Council – Insights

Claire Foale

*Chief Strategy Officer,
City of York Council*



Introduction to City of York



A city of outstanding heritage, beauty and culture



York is a City of Sanctuary, a Human Rights City and a UNESCO City of Media Arts.



Two universities delivering world-class research and innovation.



York has a strong economy with a £6.9 billion GVA.



York is a global science city and has world renowned sectors in rail tech, bio tech, creative tech and tourism/hospitality.



65.4% of land in York is classed as agricultural with 7,348 ha of York's land designated under cereal farming.



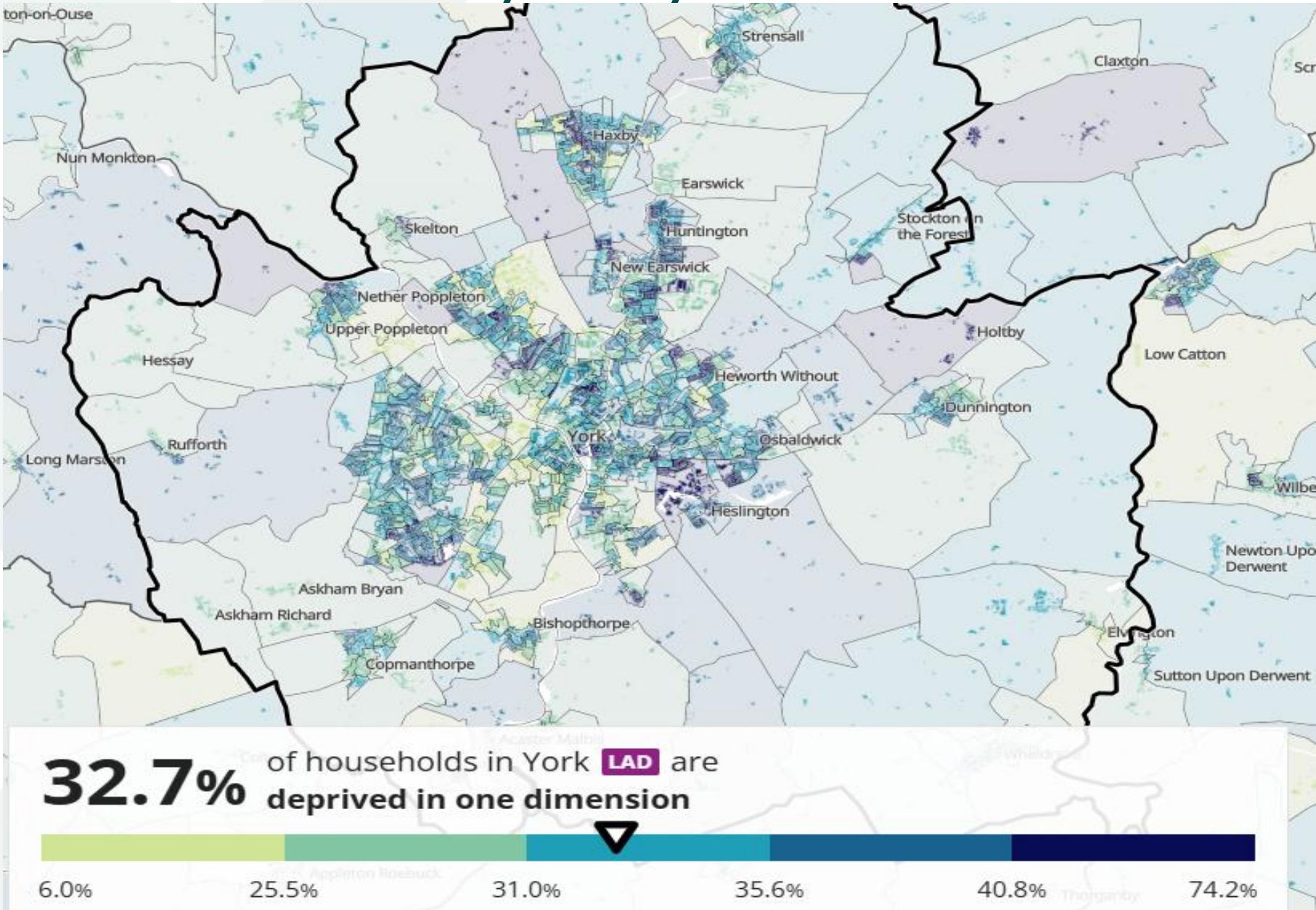
Ambitious net zero and carbon negative goals – Aims to be the first City in the UK to achieve energy independence.



In 2022, over a third of all new jobs advertised were for green jobs, primarily in skilled trade and professional & technical sectors.



Local Issues Faced by City of York



Action to Date

Council Strategy & Policy

- Council Plan 2023 – 2027: Climate is one of the councils four core commitments to explore energy generation and building decarbonisation efforts.
- Climate Change Strategy 2022 – 2032: Sets out key objectives across buildings, transport, waste, and energy.
- Local Transport Strategy 2024 – 2040: New policies with commitments to expand & promote EV and infrastructure.
- Public EV Charging Strategy 2020 – 2025: Setting out our approach to a public charging network for electric vehicles.
- Retrofit Action Plan: Plan to deliver fabric improvements, heating decarbonisation and energy generation across domestic estate.
- Housing Delivery Action Plan: Commitment to delivering sustainable and low impact homes across the city.

Social Housing Decarbonisation

- Grant funded multimillion-pound programme of works for council house retrofit through Social Housing Decarbonisation Fund, Warmer Homes Fund, Local Authority Delivery Scheme and Home Upgrade Grant.

Retrofit One-Stop-Shop

- YorEnergy - New brand within the city as an existing engagement vehicle to accelerate domestic retrofit delivery. £3.3 million of Innovate UK funding. Delivering building retrofit assessments and connecting residents with suppliers.

Passivhaus New Build

- Change in housing policy to deliver new homes within the City of York to Passivhaus standards, challenging supply chains and existing funding models.

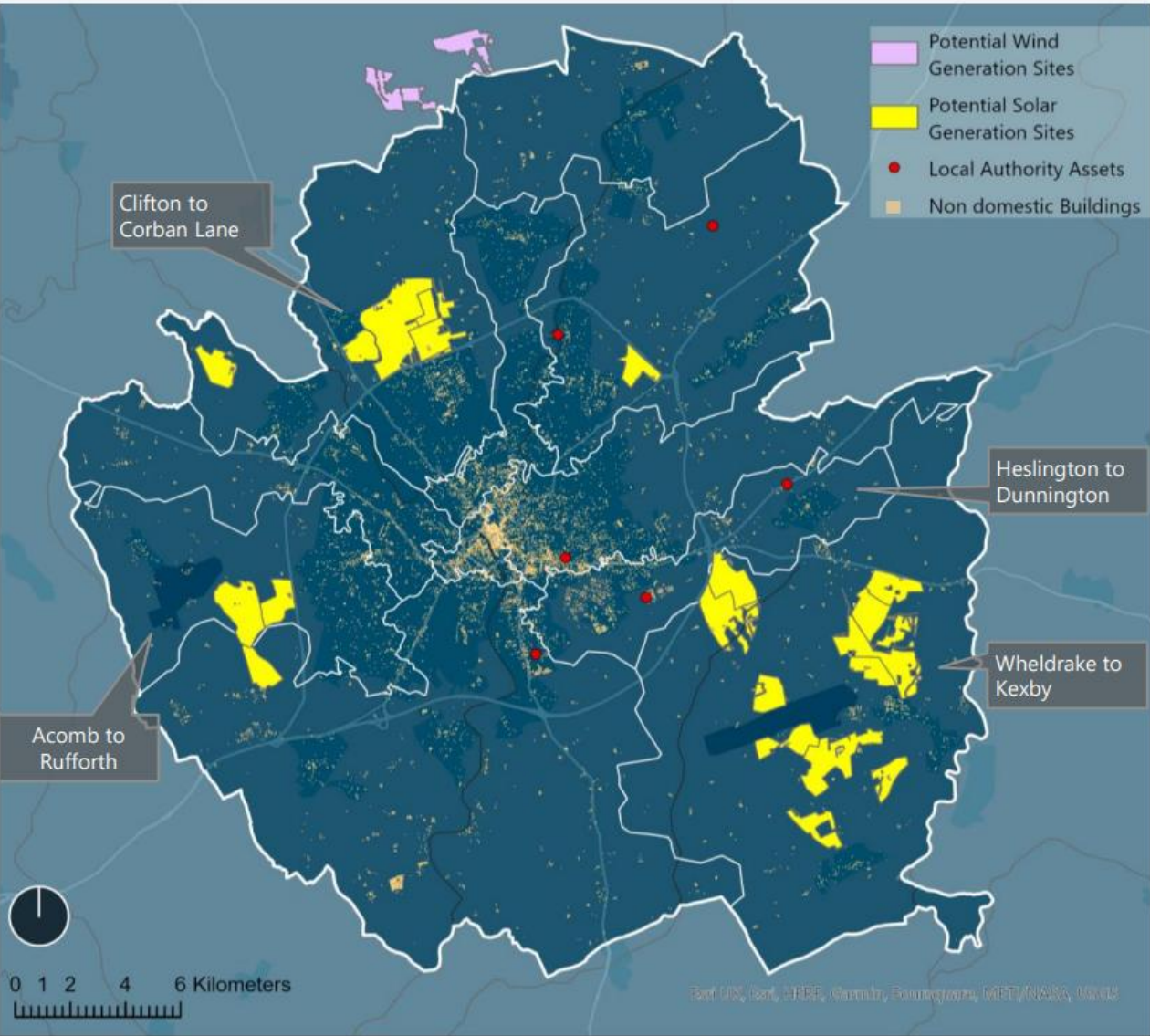
Transport & EV

- Two new Hyper-Hubs have been created at Monks Cross Park & Ride and Poppleton Bar Park & Ride. Each site is estimated to reduce carbon emissions in the city by 83tCO₂ a year.

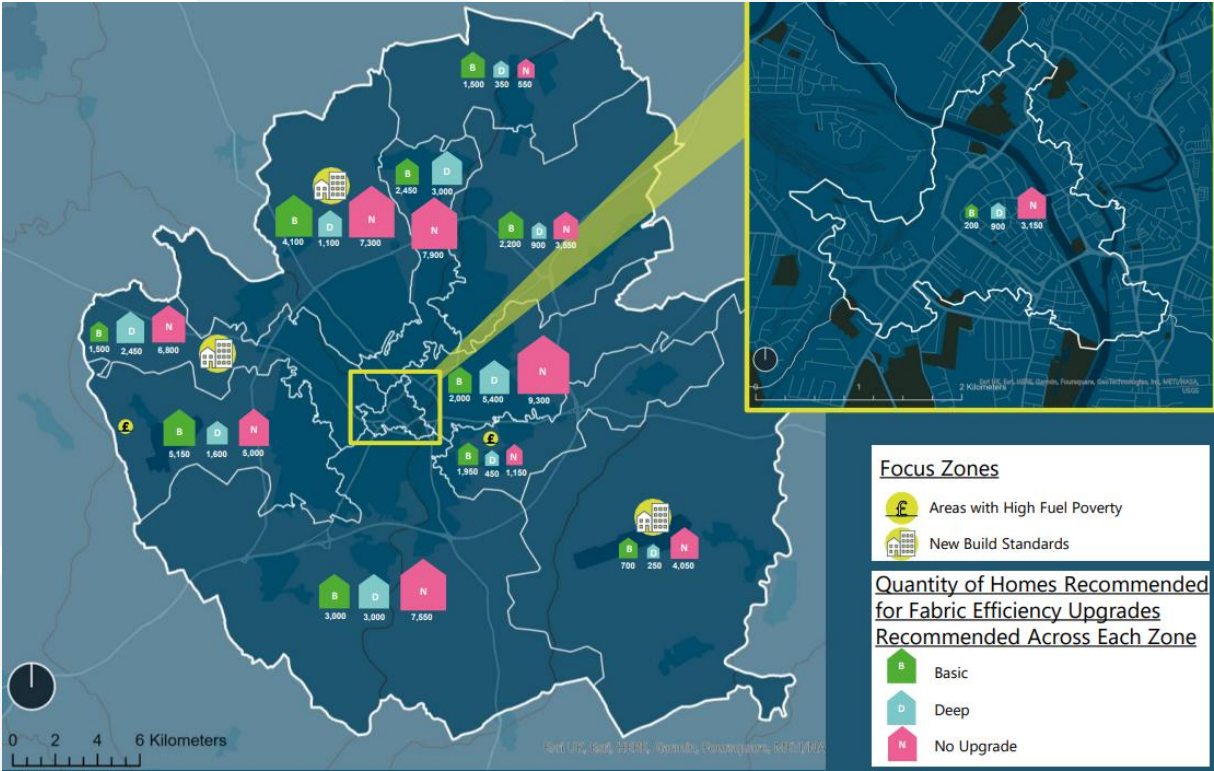
Council Owned Fleet

- 100% of LGV to be replaced to low carbon alternatives by 2025.

Opportunity – Local Area Energy Plan



Land suitability for large scale renewable developments overlaid with potential purchases of energy



Total Capex
for LAEP:
c£3.8bn

Major Opportunity Areas

Decarbonisation of the Council's Corporate Estate

- Diverse Asset Portfolio: 7,300 domestic properties and 300 non-domestic buildings including schools, museums, offices, libraries and leisure centres.
- Retrofit Action Plan: Clear objectives and a significant opportunity to accelerate progress in the absence of alternative funding streams.

Energy Generation & EV Infrastructure

- Harewood Whin Solar – 28MW (£45m est. CAPEX) phased delivery solar park on a former landfill site at Harewood Whin with planning approval for 16MW (£20m est. CAPEX). Full Business Case funded by MCA as part of the Energy Generation Accelerator Programme.
- EV & Hyper-Hubs – Expansion plans to existing hubs and 2 additional hubs in development. City wide fast charging network in planning.

Heat Network

- 5 existing or in-construction heat networks in York
- Zonal Market Prospectus – 19 potential heat network zones identified across York through Heat Network Zoning, with a total annual heat demand of around 500GWh/yr.
- Strategic Heat Network Zone – York City Centre was identified, with the total heat demand of approximately 240GWh/yr with an estimated CAPEX of £350m.

Office of Police and Fire- Insights

John Sutton

Estates and Sustainability Manager



OFFICIAL - SENSITIVE



Summary of North Yorkshire Police & Fire challenges

- Increased demand for emergency services with extreme weather events, including flooding, storm damage, and wildfires posing increased threats to the safety of people and property.
- Long-term under-investment in buildings. 75% of police estate is pre-2000 construction.
- The emergency services need to adapt now so that we can continue to respond to these emergencies in the future.



North Yorkshire Joint Estates Plan

Retrofitting, upgrading and replacing across 100 buildings over 10 years

Small Wins First

LED lighting

Insulation

PIR and BMS
controls

Higher Cost Projects

Replace gas heating with ASHP

Large scale window replacements

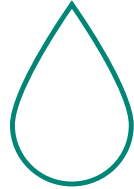
Solar panels and battery storage

Electric vehicle infrastructure

Changing & challenging our thinking...



ENERGY



WATER



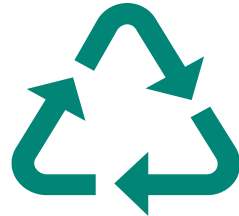
TRANSPORT



INFORMATION
TECHNOLOGY



PROCUREMENT



WASTE &
RECYCLING



FINANCE



PEOPLE



COMMUNITY

York and North Yorkshire Strategic Energy Partnership Closing Remarks

Katie Thomas

*Senior Strategy Manager,
Low Carbon and Environment,
York and North Yorkshire Combined Authority*



Conclusion and Asks

- **Unique Asset Base** – large proportion of protected landscapes, large quantity of land and building assets, large coastline and rivers, links to Tees Valley and Humber industrial clusters, including carbon capture pipelines, geothermal potential.
- **Exemplar of SEP via MCA** – Leading decarbonisation through Mayoral Combined Authority delivery.
- **Respond to Questionnaire** – live on our landing page [Building a Regional Strategic Energy Partnership > Mayoral Combined Authority](#)

**This is treated strictly as a fact-finding exercise and does not seek to evaluate any particular ideas or organisations. Non-participation in this market exercise will not preclude any party from further participation in this project, or impact evaluation in any potential future tenders.*

Thank you for attending

York and North Yorkshire's Introduction to the
Strategic Energy Partnership Webinar

York & North Yorkshire Combined Authority
yorknorthyorks-ca.gov.uk

