



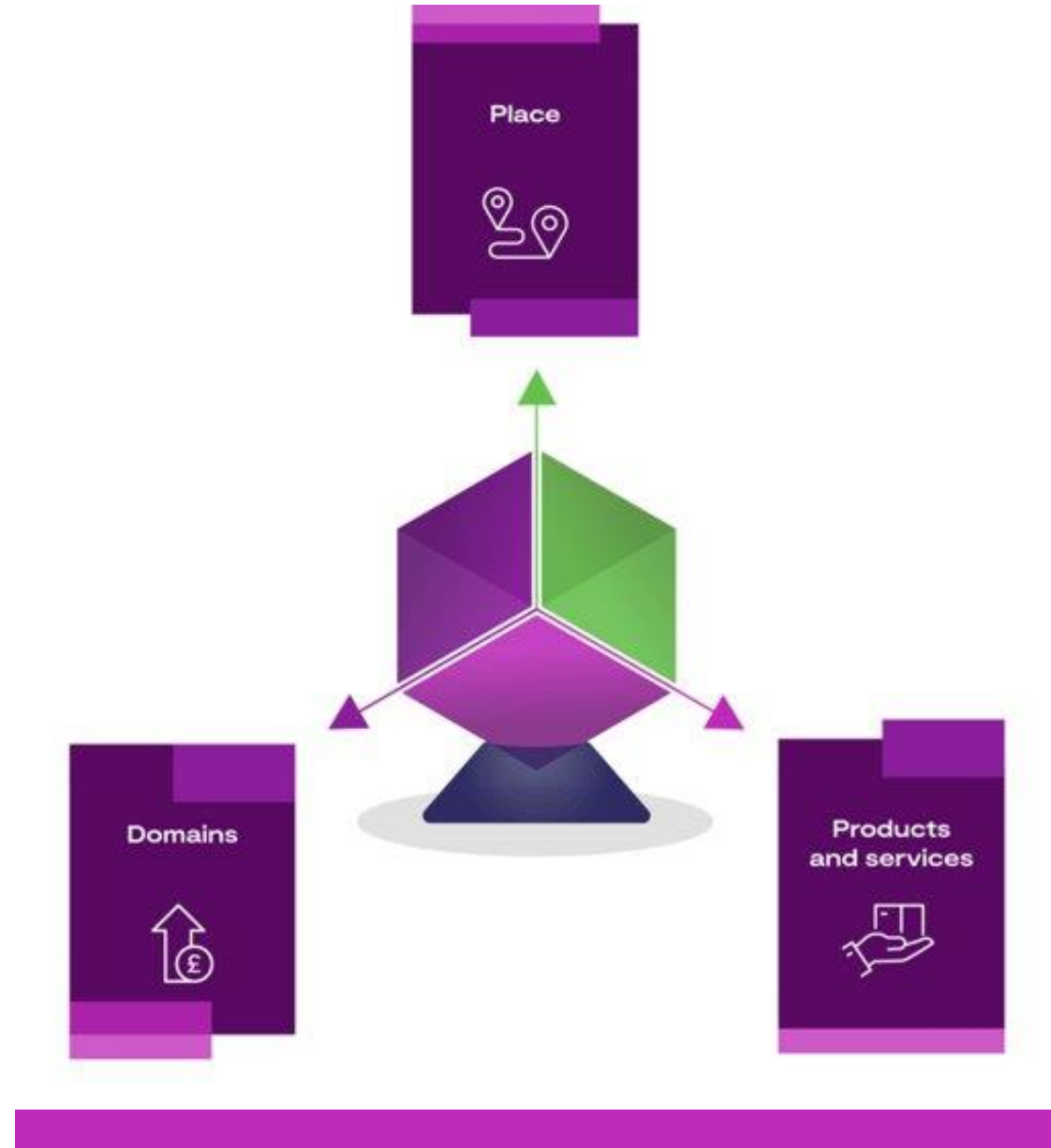
Net Zero Living & the help it will give you

Rob Saunders
Challenge Director



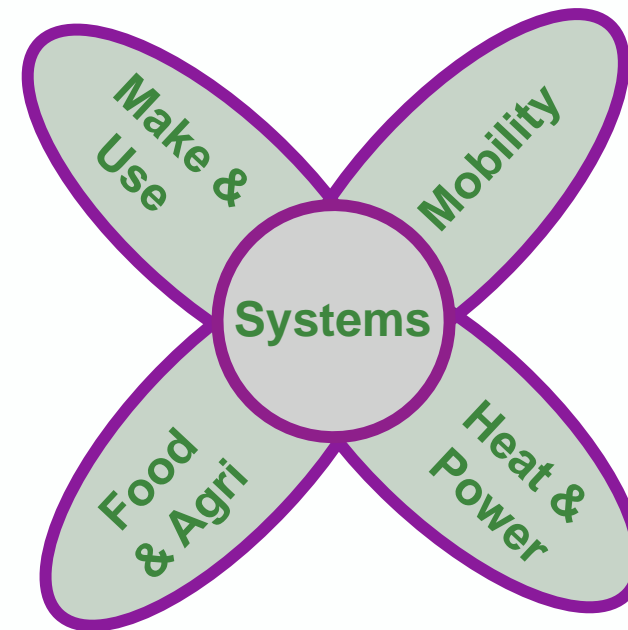
Innovate UK:

The UK's national innovation agency



Net Zero at Innovate UK

Our vision is for the UK to prosper from being the **economy that transitions fastest to net zero.**



Net Zero Places: Our journey

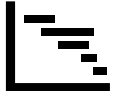







Prospering from the Energy Revolution

2018-23

£200m programme showing potential of
'Energy-smart places'



-  Local NZ Plans & LAEPs
-  Regulation
-  Partnerships
-  Digitalisation
-  Finance
-  Skills & Capability



Net Zero Living 2022 - 25

Targeting net zero delivery progress
Non-technical barrier focus
Knowledge Exchange

PFER: A wealth of insight & info

Evidence

- Benefits of local delivery
- CBA & business case data
- System costs
- Delivery evidence

Case Studies

- Demonstrators
- Design projects
- Approaches
- Business & Finance models
- Partnerships

Insights

- Finance
- Planning
- Skills
- Digitalisation
- Learnings across projects

Assistance



Demonstrating potential



Designing a net zero city region...



**GREATER
MANCHESTER
LOCAL ENERGY
MARKET**
DOING THINGS DIFFERENTLY FOR THE ENVIRONMENT



- GM LEM has developed Local Area Energy Plans for all 10 of the Combined Authority boroughs and adopted them as the basis for its future net zero strategy
- Onto that is layered a plan for a local energy market which will trade and optimize energy assets, flexibility provision and network capacity at a local level to reduce costs and provide the right services for GM residents.
- Its 'market maker' trading platform MVP puts local and low carbon at the centre of trading decision making.
- By 2038 it could deliver £40mn/year in value to the local energy system by using the existing network more efficiently and avoiding reinforcement costs;
- And stimulate £4.6bn of new low carbon investments locally
- GM LEM is a key part of GMCA's wider decarbonisation plans with backing from Greater Manchester Mayor, Andy Burnham
- It is attracting international interest with joint delegation visits planned between Osaka, Japan and Greater Manchester following showcasing in European cities such as Brussels this summer.

Everything we know from PFER is at <https://iuk.ktn-uk.org/programme/smart-local-energy-systems/>



Innovate
UK

Business
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About

Opportunities

Events

How we help



Enabling smart local energy systems

We live, work and travel in regions, cities, towns and communities, but energy systems are still very centralised. UKRI's Prospering from the Energy Revolution programme explored the potential of smart local energy systems and place-based approaches. Discover learnings and insights from the £104m, five-year programme.

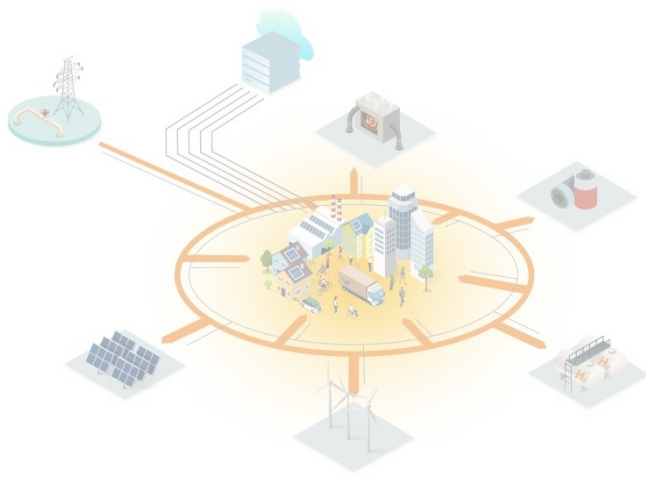


Get in touch



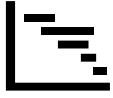





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Net Zero Places: Our journey



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Net Zero Living 2022 - 25

Targeting net zero delivery progress
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Knowledge Exchange

Net Zero Living: Thriving Places

Unlocking investment. Accelerating delivery



50+ place cohort
Working together on their
Net Zero journey

Demonstrators

Pathfinders

Fast Followers

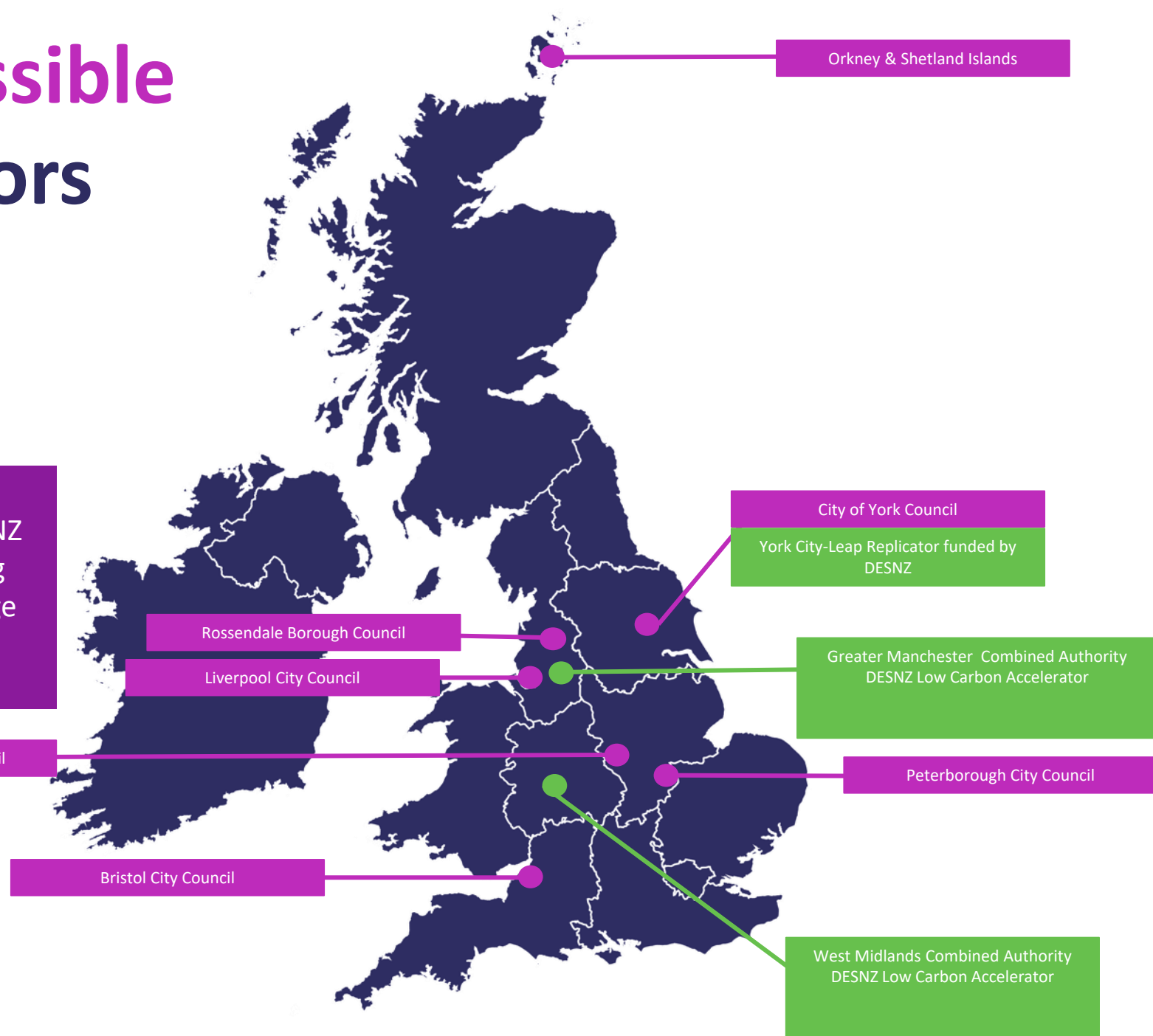
Community of Practice
Enabling knowledge exchange and
shared learning

Future Ready Academy
Capacity building and upskilling

Proving what's possible

7 (+3) Demonstrators

Demonstrators, Pathfinders, Fast Followers and DESNZ Low Carbon Accelerators will together build one big Community of Practice ensuring knowledge exchange and shared learning



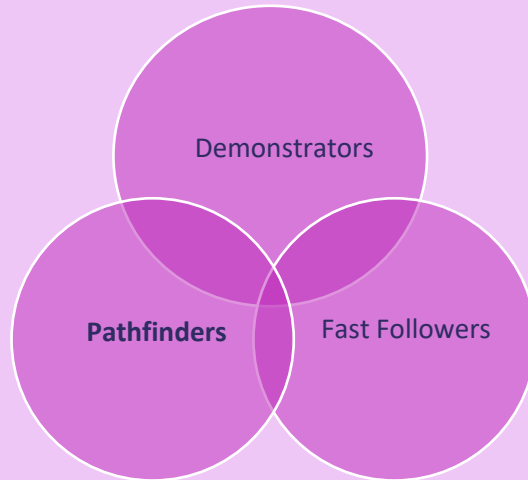
Our 'Future Ready' support package to deliver £8.6m of funded support



Convenor & Insights Capture

LIMINAL

Community Curator



Academy Coordinator



Visioning & Citizen Engagement



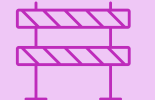
Net Zero Planning



Finance & Investment



Policy and Regulation



Data



Mentoring & Leadership support

Peer to Peer Learning & Knowledge Exchange

Community of Practice

Technical Assistance

to create world-class resources and insights for everyone

- In-flight programme learnings and insights aggregated across the cohort by experts
- Providing world class open access resources to support everyone to get to net zero
- Ensuring no place is left behind



Innovate UK

Insights generation



Resources, tools and insights for everyone



Accelerating investment and delivery everywhere



What you can expect from us:

- Rapid dissemination of training packages
- Annual event to explain progress and insight
- Insights, tools & evidence from cohort experience
- Better ecosystem coordination

Find out more:

<https://iuk.ktn-uk.org/programme/net-zero-living/>

Thank You

Feedback & Queries
rob.saunders@iuk.ukri.org

