



MISSION NET ZERO

Planning for the Net Zero Energy Transition

3 April 2025

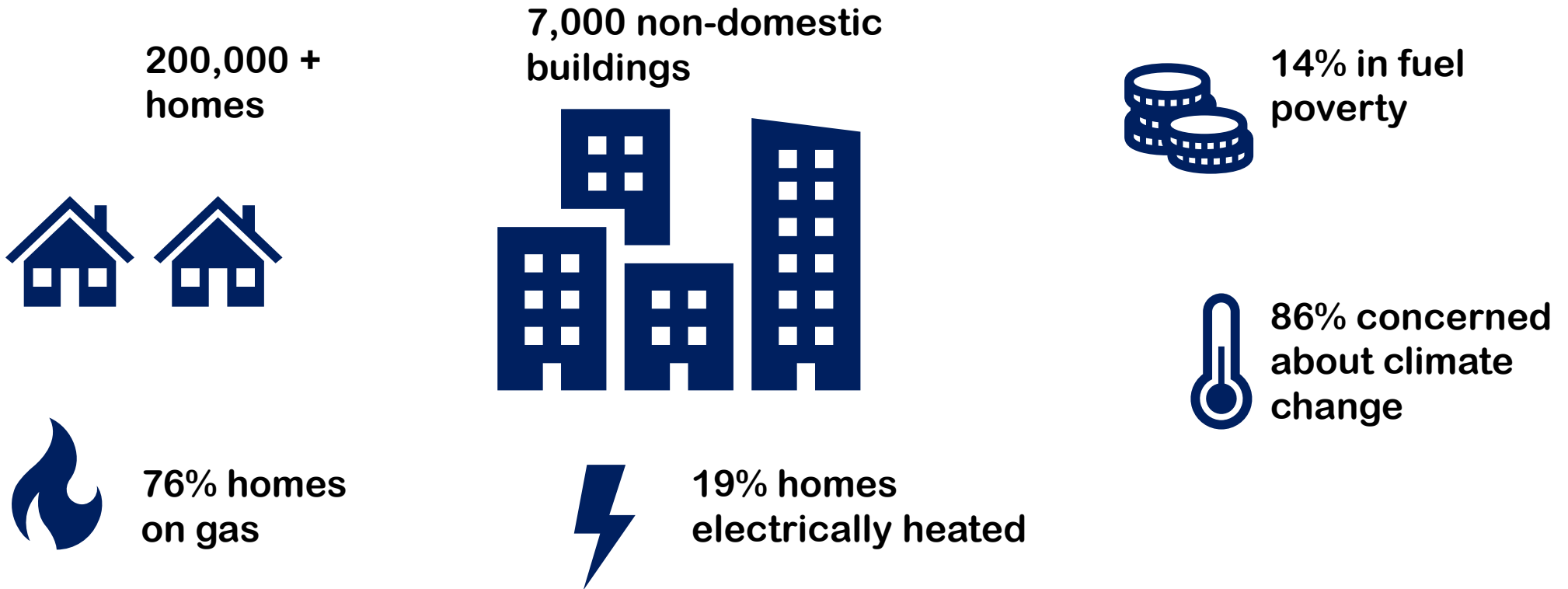
Alex Ivory

Climate Change Team Manager, Bristol City Council

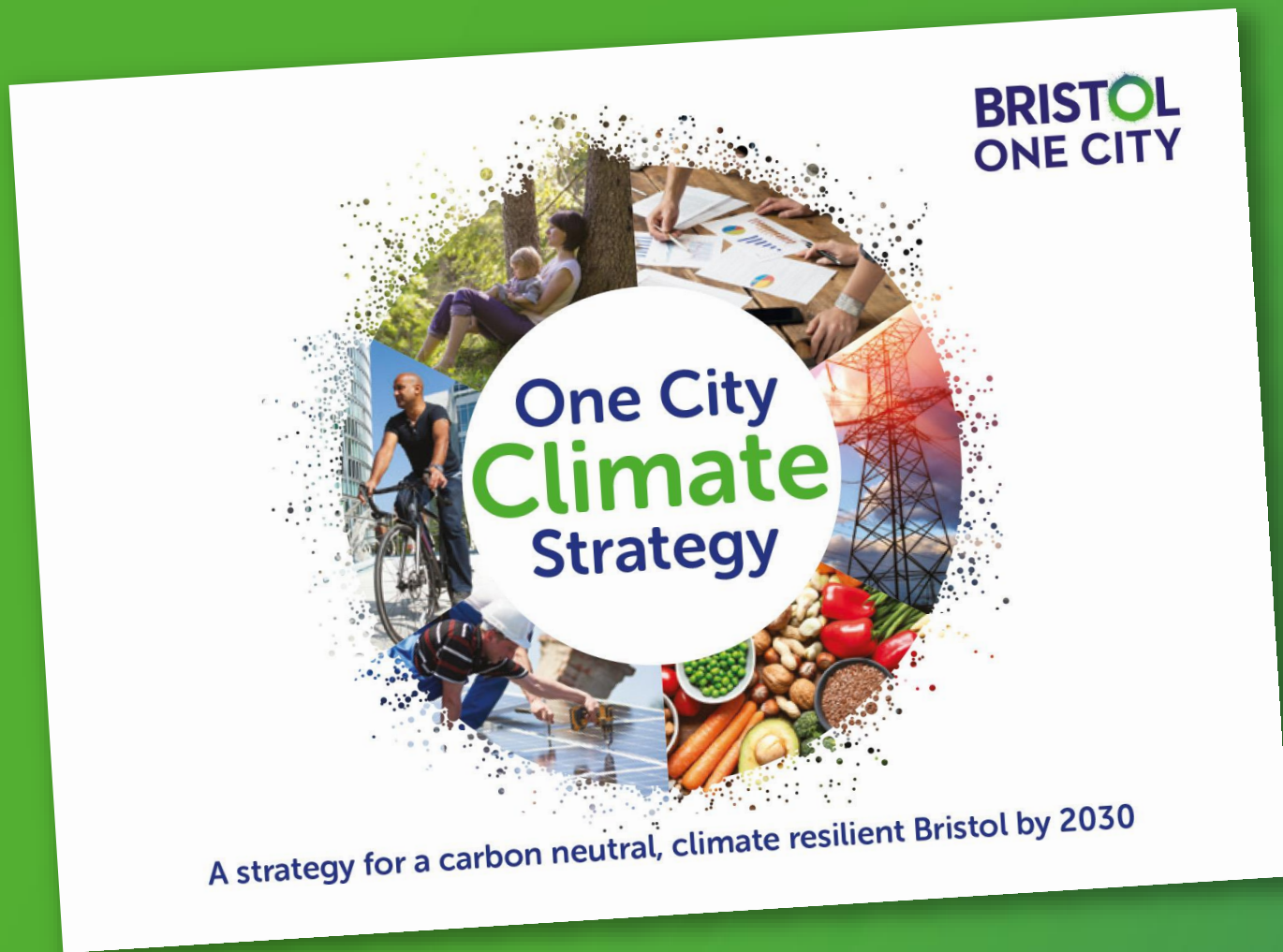




Bristol is a city of engaged citizens and inequalities







One City Climate Strategy

Bristol City Council Takes a Mission Approach

Aiming to Create an Enabling Environment for Climate Action





EUROPEAN UNION



EU MISSIONS

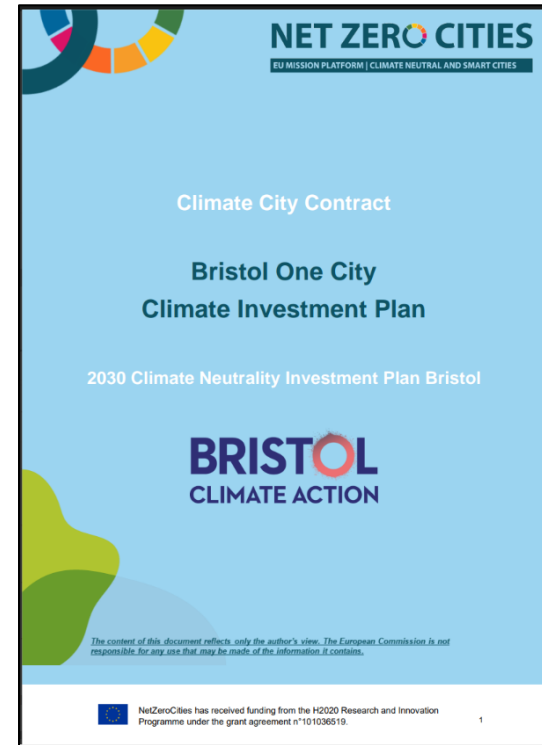
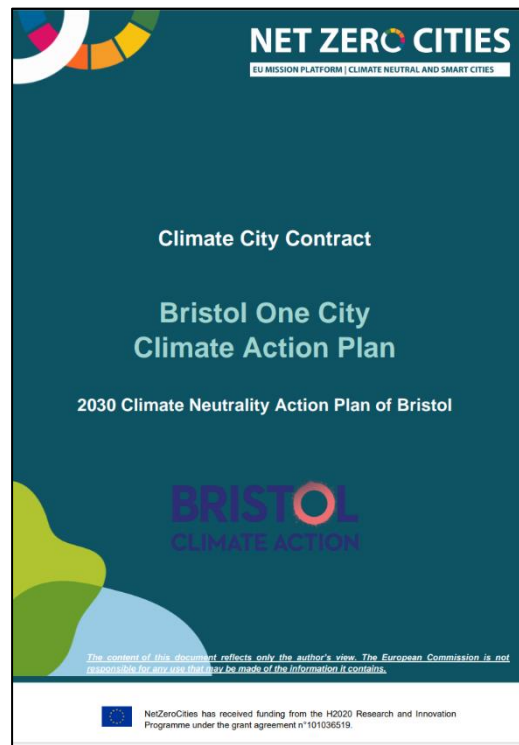
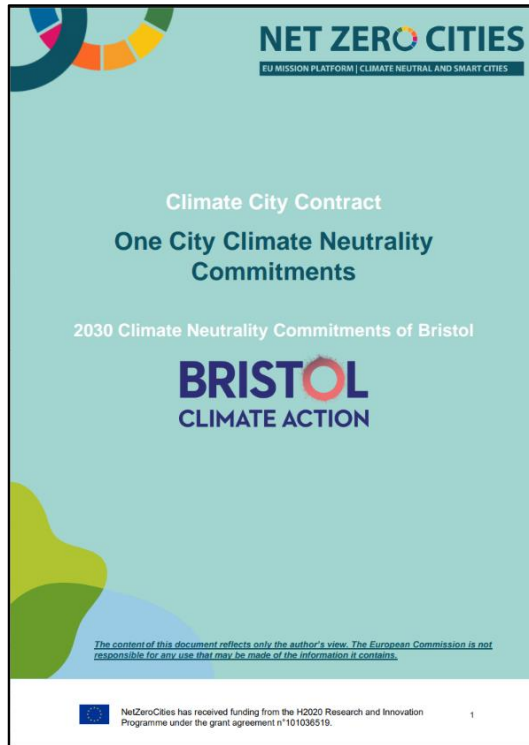
CLIMATE-NEUTRAL & SMART CITIES

Concrete solutions for our greatest challenges



#EUmissions #HorizonEU #MissionCi

We recently produced a Climate City Contract for Bristol



NET ZERO CITIES

EU MISSION PLATFORM | CLIMATE NEUTRAL AND SMART CITIES



CLIMATE-NEUTRAL & SMART CITIES

NETZEROCITIES PILOT CITY



Bristol

Net Zero Investment Co-innovation Lab



Bristol & Bath
Regional Capital



Bristol Climate &
Nature Partnership



Funded by
the European Union

#EUmissions #HorizonEU #MissionCities

Bristol City Leap



- A **20-year concession** with Ameresco Ltd, supported by their essential subcontractor Vattenfall, to deliver and fund low carbon energy projects across the council's estate via a joint venture
- Our partner has the **right of first refusal** to deliver and fund all low carbon energy projects on the council's estate, including its social housing
- **The Bristol City Leap Client Function** in the council facilitates and manages delivery
- Projects need to meet pre-set **Project Acceptance Criteria** – if they do so, they will be approved by the council
- Enables substantial scaling up of capacity and investment and delivery of social value

Heat Networks

- Bristol is ready for a large expansion of the existing infrastructure



Innovate
UK

Mission Net Zero



LivingPlaces



nationalgrid



Delivering for you

Bath & North East Somerset Council

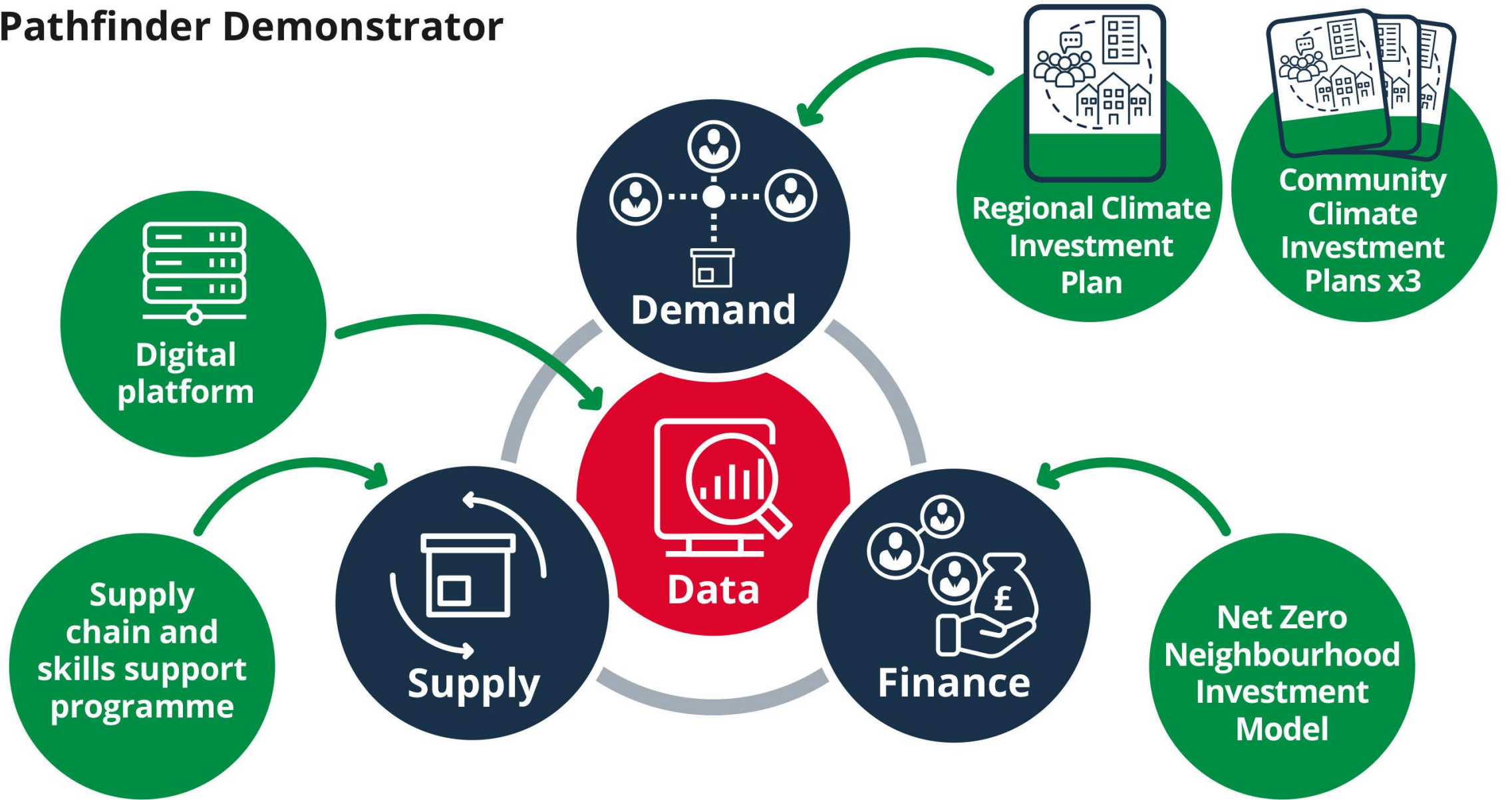
Improving People's Lives



The key elements



Our Pathfinder Demonstrator



+ Net Zero Investment Co-innovation Lab

Community investment planning process

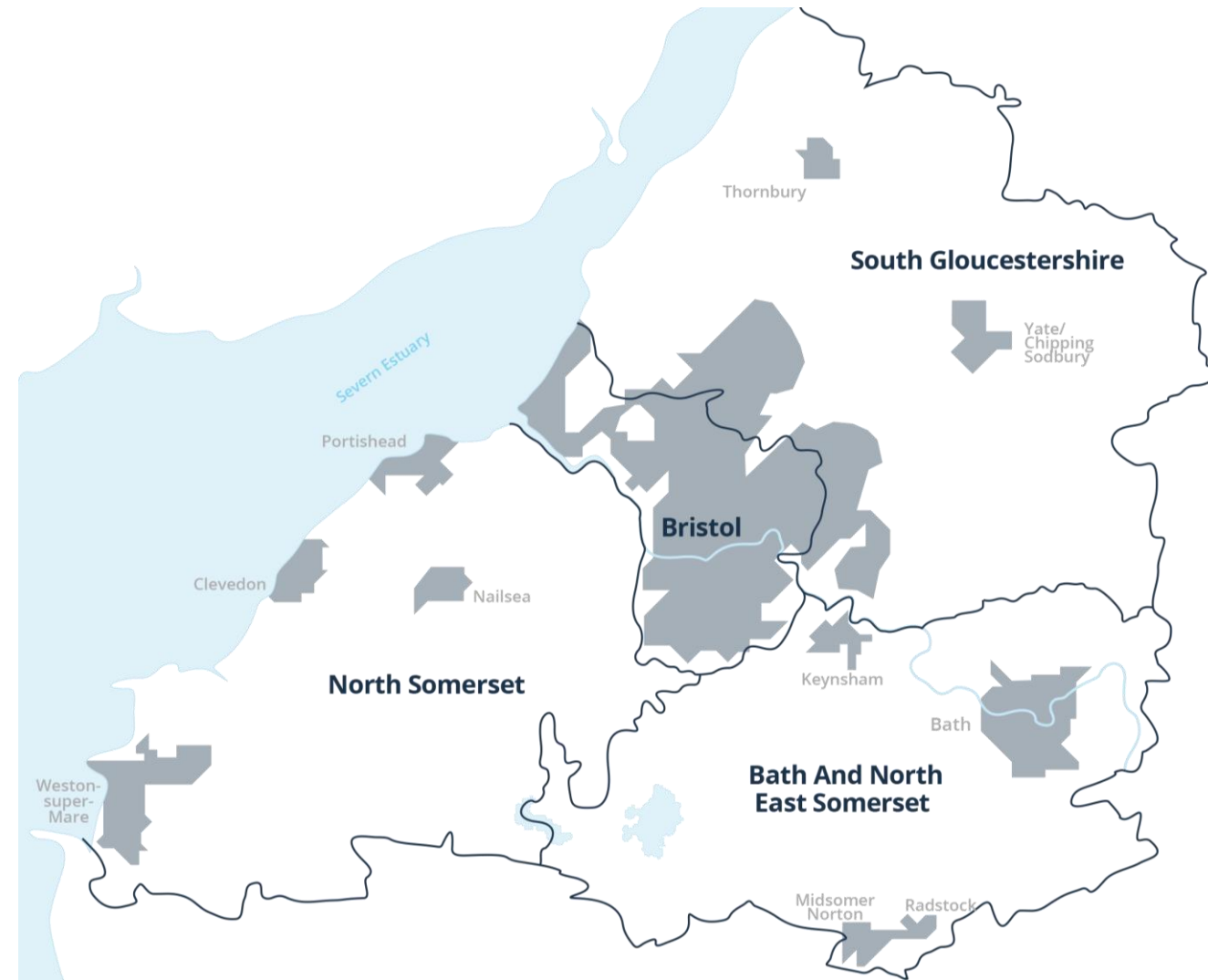
- Started with Community Climate Action planning
- Combined with a needs assessment via Mission Net Zero to create a project longlist
- Longlist was refined through three working groups on domestic street-based approaches, energy projects within the community and skills
- Emerging areas of interest around:
 - Citizen-led domestic and whole street retrofit opportunities
 - Decarbonising shared assets
 - Skills and community wealth

Community investment planning next steps

- Enabling studies and exploration will lead to a project shortlist
- Demonstrator projects will be selected and opportunities for investment explored
- Look at establishing place-based partnerships
- Make links to other relevant investments happening in the city

Regional Climate Investment Plan and project pipeline

- Evaluate energy and net zero infrastructure options including social, environmental other data inputs
- Populate a digital platform (LAEP+) for short term and ongoing analysis of opportunities
- Generate and evaluate financial cases and business models
- Create investable project pipeline that will deliver against net zero objectives



Things you could try

- Look for a source of development funding
- Reflect community ambitions
- Switch to Investment Plans
- Create delivery partnerships

My recommendations

- Have a plan but also think about the implementation
- Consider how to bring forward the projects to realise the plan
- Build partnerships and processes for delivery
- Think about the demand, the supply and the financing – try to advance them together
- Use public money in development phase to set up a process or partnership, to derisk projects and to attract non-public financing
- Start somewhere and snowball