

24 November 2020

The Sixth Carbon Budget & Local Authorities

APSE Climate Change & Renewable Energy Network

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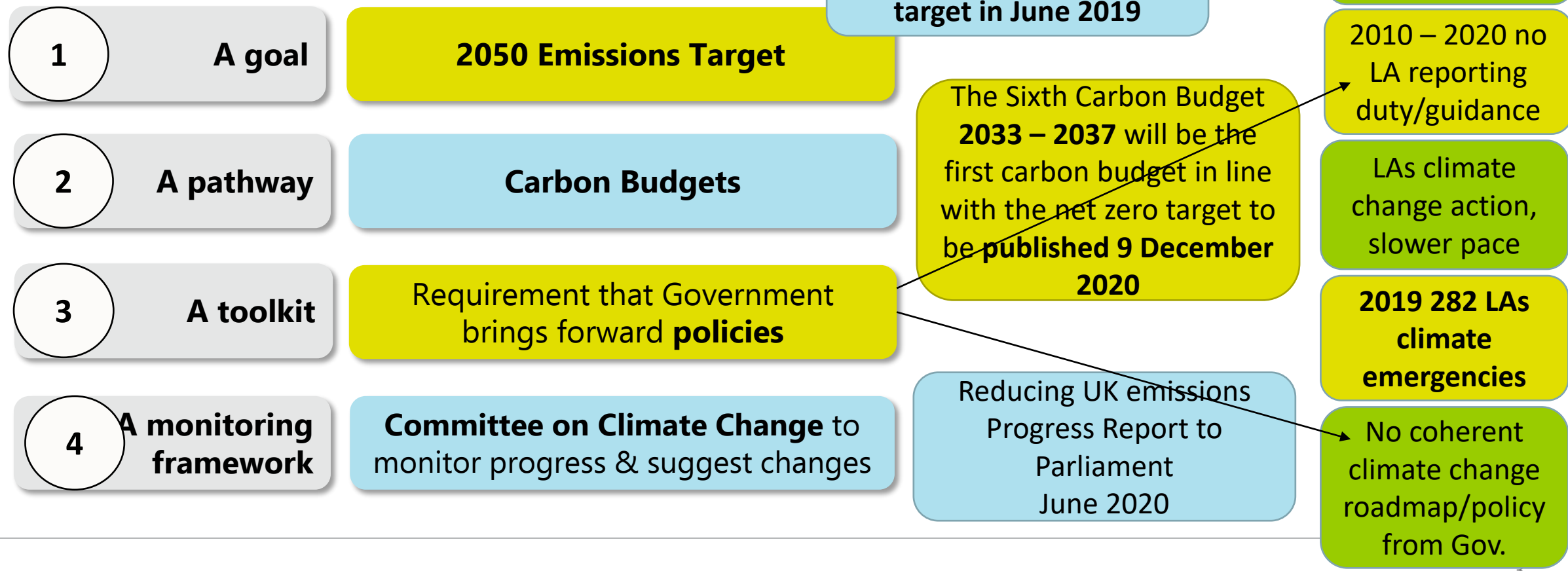
Purpose of this presentation is to explain:

- The CCC's role in providing advice to the government
- Where we are now and the route to Net Zero
- Local delivery and the sixth carbon budget
- Key actions for Local Authorities
- CCC recommendations to government

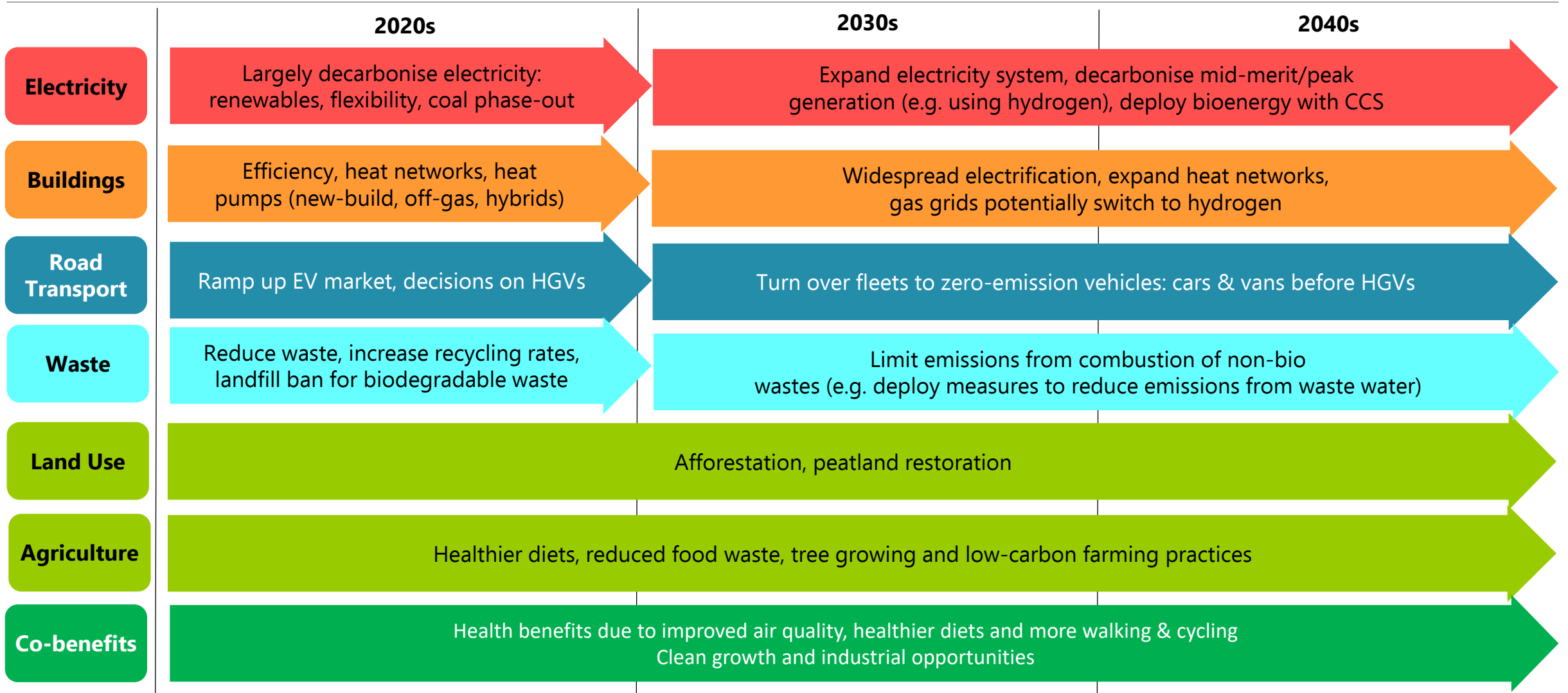
The CCC, Government and Local Authority roles (in England)

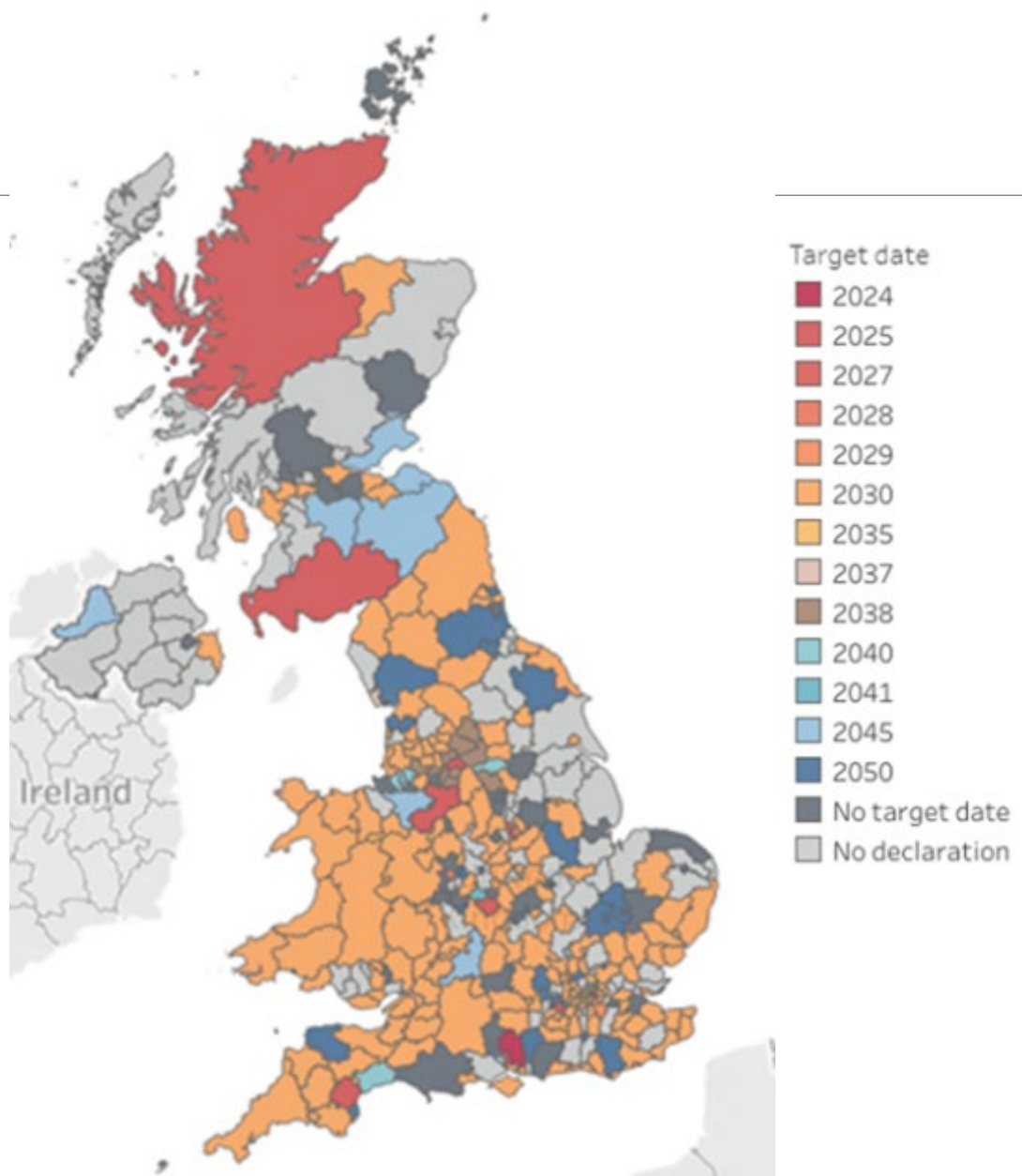


The Climate Change Act 2008



How the CCC looks at the pathways to Net Zero: local delivery is more vital to nearly half our emissions



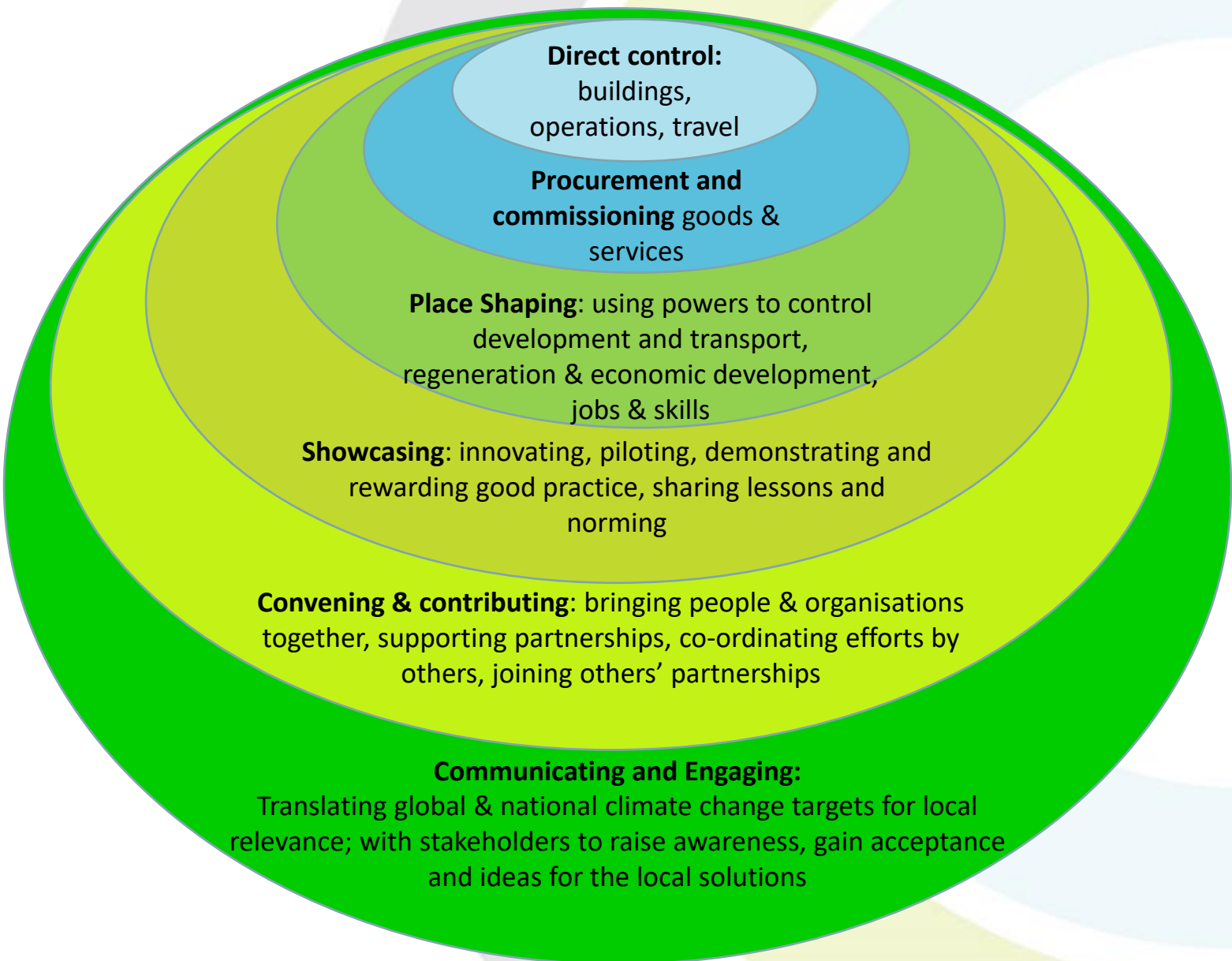


Areas where local-level policy has a key role to play

	Nationally driven	Locally driven
Buildings	<ul style="list-style-type: none"> • Building regulations • National Planning Policy f/wk & guidance • National retrofit funding programme • Introduction of Building Green Passports 	<ul style="list-style-type: none"> • Local Planning Authority: Local Plan – net zero hooks • Local area energy plans (LAEPs)/heat mapping for heat decarbonisation (e.g. heat pumps, low-carbon heat networks, hydrogen) gas phase out by 2033? • No gas boilers in new homes from 2023 • Energy Efficiency retrofit in social and council homes • Energy efficiency in private rented sector ? • Energy efficiency retrofit supply chain supported ?
Transport	<ul style="list-style-type: none"> • All car/van sales electric by 2030 at latest • Transport infrastructure funding from DoT 	<ul style="list-style-type: none"> • Transport planning, walking & cycling infrastructure • EV charging infrastructure new developments & on-street-parking) • Switch to ultra-low emission buses/taxis through licensing or clean air zones
Waste	<ul style="list-style-type: none"> • No bio-degradable waste to landfill by 2025 • 70% recycling rate by 2030 at latest 	<ul style="list-style-type: none"> • Mandatory separation of waste by 2023 • Alert to rising emissions from unabated EfW facilities • Waste minimisation schemes incl food waste reduction
Landuse	<ul style="list-style-type: none"> • 30,000ha afforestation annually 	<ul style="list-style-type: none"> • Tree planting including on county farms & own land

Local authority influence & role in delivering Net Zero

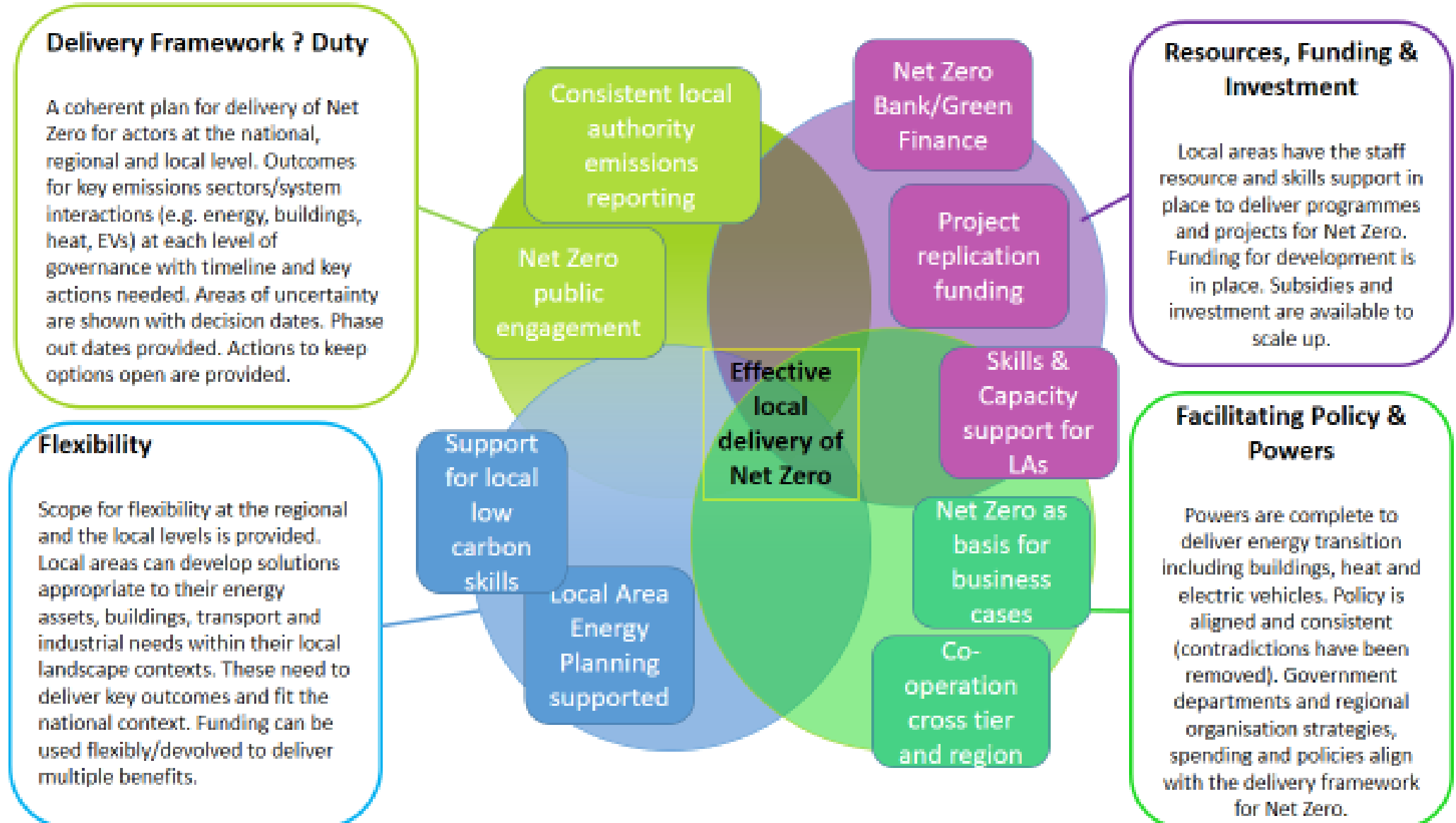
- LED Street Lights
- EV fleet switch
- Directly investing in renewables to drive revenue
- Energy efficiency on own estate
- Local Transport Plan
- EV charge points
- Local Cycling & Walking Investment Plan
- Core Strategy & Local Plan
- Boosting a zero waste circular economy
- Council & social housing retrofit
- Private rented & owner occupier retrofit pilots
- Local Area Energy Plans
- Local Retrofit Sector development
- Enabling residents & businesses
- Climate Commissions and Citizen's Juries



Key actions for local authorities to take to deliver Net Zero

- Develop climate change strategies, action plans and importantly, delivery plans
- Monitoring emissions
- Cut emissions in the public estate, buildings, fleet, housing, county farms, parks and woodlands
- Align procurement & commissioning with Net Zero
- Embed climate action in decision making and business cases
- Training and building skills for climate change and energy system

- Leading partnerships and supporting/co-designing initiatives
- Growing supply chains and low carbon skills and economic growth
- Local Area Energy planning for EVs and Heat Pumps, flex and storage
- Planning policies for net zero
- Transport and active travel
- Consistent recycling & waste collections
- Public engagement
- Project readiness



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