

24 November 2020

The Sixth Carbon Budget & Local Authorities

APSE Climate Change & Renewable Energy Network

Louise Marix Evans



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

1 A goal

2050 Emissions Target

2 A pathway

Carbon Budgets

3 A toolkit

Requirement that Government brings forward **policies**

4 A monitoring framework

Committee on Climate Change to monitor progress & suggest changes

The Government legislated the net zero target in June 2019

The Sixth Carbon Budget

2033 – 2037 will be the
first carbon budget in line
with the net zero target to
be published 9 December

2020

Reducing UK emissions
Progress Report to
Parliament
June 2020

Local Authorities

CCC LA report 2012

2010 – 2020 no LA reporting duty/guidance

LAs climate change action, slower pace

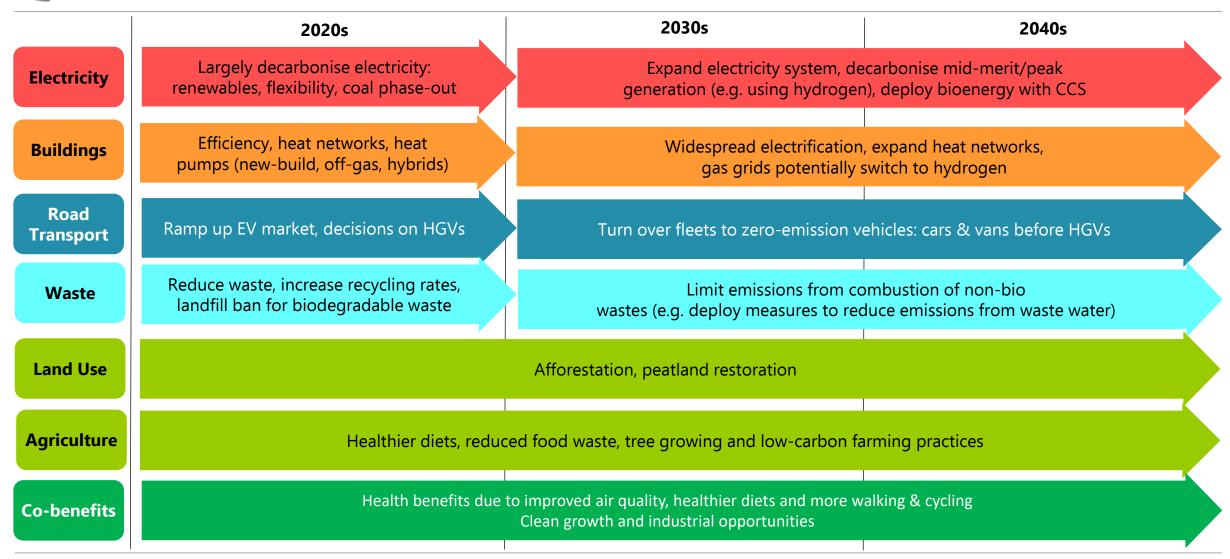
2019 282 LAs climate emergencies

 No coherent climate change roadmap/policy from Gov.

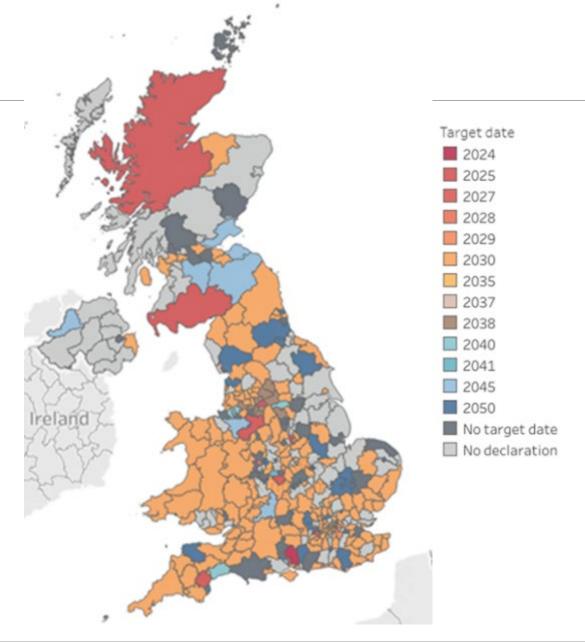
)



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	 Building regulations National Planning Policy f/wk & guidance National retrofit funding programme Introduction of Building Green Passports 	 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	 All car/van sales electric by 2030 at latest Transport infrastructure funding from DoT 	 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	 No bio-degradable waste to landfill by 2025 70% recycling rate by 2030 at latest 	 Mandatory separation of waste by 2023 Alert to rising emissions from unabated EfW facilities Waste minimisation schemes incl food waste reduction
Landuse	30,000ha afforestation annually	Tree planting including on county farms & own land



Local authority influence & role in delivering Net Zero

LED Street Lights

Directly investing in renewables to drive revenue

Local Transport
Plan

Local Cycling & Walking Investment Plan

Boosting a zero waste circular economy

Private rented & owner occupier retrofit pilots

Enabling residents & businesses

EV fleet switch

Energy efficiency on own estate

EV charge points

Core Strategy & Local Plan

Council & social housing retrofit

Local Area Energy Plans

Local Retrofit
Sector
development

Climate
Commissions and
Citizen's Juries

Direct control:

buildings, operations, travel

Procurement and commissioning goods & services

Place Shaping: using powers to control development and transport, regeneration & economic development, jobs & skills

Showcasing: innovating, piloting, demonstrating and rewarding good practice, sharing lessons and norming

Convening & contributing: bringing people & organisations together, supporting partnerships, co-ordinating efforts by others, joining others' partnerships

Communicating and Engaging:

Translating global & national climate change targets for local relevance; with stakeholders to raise awareness, gain acceptance and ideas for the local solutions



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



Recommendations to Government

Delivery Framework ? Duty

A coherent plan for delivery of Net Zero for actors at the national, regional and local level. Outcomes for key emissions sectors/system interactions (e.g. energy, buildings, heat, EVs) at each level of governance with timeline and key actions needed. Areas of uncertainty are shown with decision dates. Phase out dates provided. Actions to keep options open are provided.

Flexibility

Scope for flexibility at the regional and the local levels is provided. Local areas can develop solutions appropriate to their energy assets, buildings, transport and industrial needs within their local landscape contexts. These need to deliver key outcomes and fit the national context. Funding can be used flexibly/devolved to deliver multiple benefits.

Net Zero Consistent local Bank/Green Finance reporting Project replication funding Skills & **Effective** Capacity local support for Support delivery of LA₅ Net Zero for local Net Zero as low basis for carbon skills business Local Area cases Energy Co-Planning operation supported cross tier and region

Resources, Funding & Investment

Local areas have the staff resource and skills support in place to deliver programmes and projects for Net Zero. Funding for development is in place. Subsidies and investment are available to scale up.

Facilitating Policy & Powers

Powers are complete to deliver energy transition including buildings, heat and electric vehicles. Policy is aligned and consistent (contradictions have been removed). Government departments and regional organisation strategies, spending and policies align with the delivery framework for Net Zero.



www.theccc.org.uk



louise@Imarixevans.co.uk