

Local Authority Support

Click each section for Regen reports and key resources



Taking action
on energy



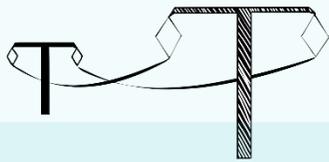
Developing new
local renewables



Decarbonising heat



Energy efficiency
of buildings



Electricity networks
& systems



Electric vehicles &
sustainable transport



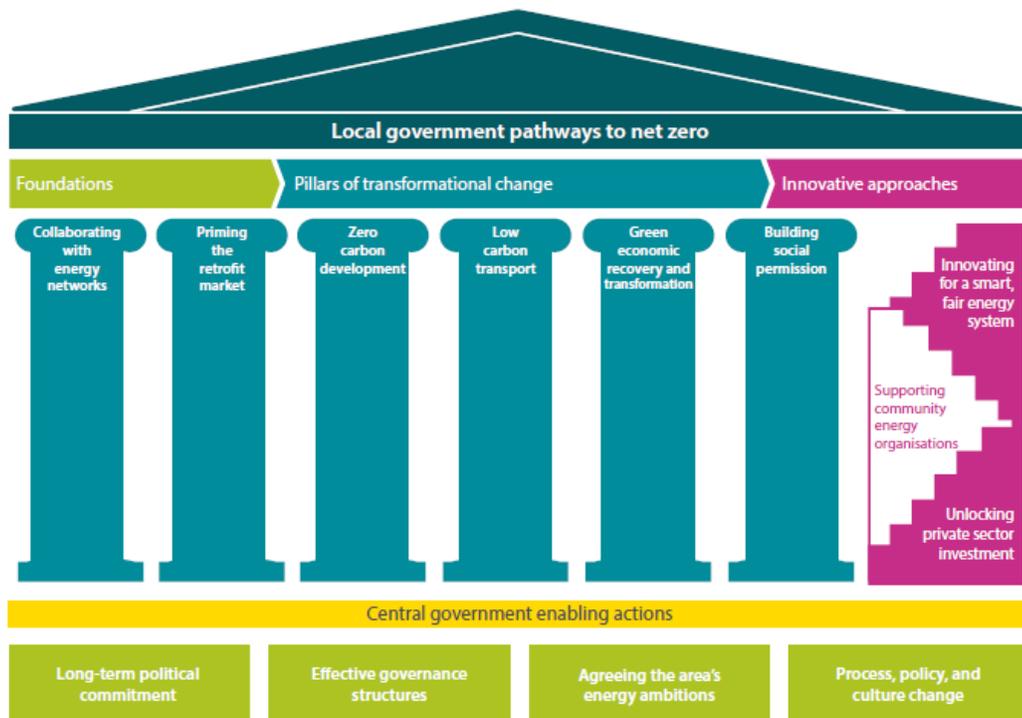
Local &
Community Energy

member
regen 
transforming energy

Regen Membership

'Local leadership to transform our energy system'

The document aims to inspire and inform local government to play a leadership role in decarbonising energy, from working with energy network operators on critical infrastructure, to building social permission for radical change in their communities.



Other resources:

- **UK100** is a network of highly ambitious local government leaders. The network shares knowledge and runs campaigns on key issues including financing.
- **Climate Action Co-benefits Toolkit**. Ashden tool kit for councils which includes 31 climate actions that councils can take including the costings of each one
- **The Energy Systems Catapult** have also created a detailed methodology for local area energy planning:
- **Greenhouse gas accounting tool**. Local Partnerships worked with LGA to create a tool for councils to calculate their 'carbon baseline'.
- **SCATTER tool**. A free to use local authority emissions tool to standardise greenhouse gas reporting & align with international climate targets.

'Local authority models for developing renewable energy'

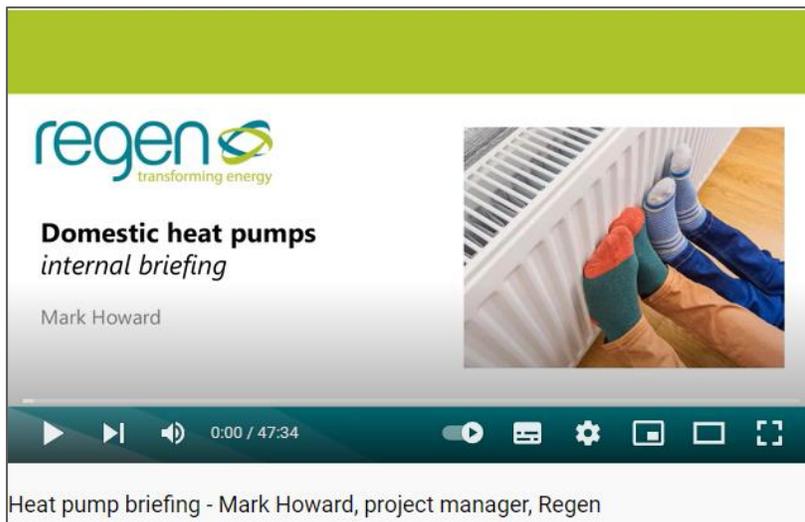
This guide was produced to illustrate the different models that local authorities can use to play a more direct role as landowners, developers or purchasers of power in enabling renewable energy project development.



Other resources:

- **The South West Energy Hub** have produced a toolkit for local authorities considering developing a local CfD. [The Synthetic PPA Toolkit](#)
- **The Local Government Association** have produced a [renewable energy good practice guidance for Local Authorities](#).
- Regen have also investigated models to support new renewables including Regen's [Feasibility Analysis of Bristol City Council's Electricity Slewing Pool](#) and exploration of a [Devon Renewable Electricity Tariff](#).

- Regen's paper on [Decarbonising Heat \(2020\)](#) outlined the key challenges, issues and policies needed to move forward.
- Is hydrogen a solution for domestic heat? See Regen's analysis on hydrogen for heat. [Eight critical questions for the UK hydrogen strategy](#).
- **Learn more about the practicalities of heat pumps** and the heat challenge by listening into this presentation from Regen's expert Mark Howard.



Other resources:

- [BEIS heat network unit](#). BEIS have lots of online information and guidance on heat networks
- [The Association for Decentralised Energy on Heat and Energy Efficiency Zoning](#). The ADE have created a number of papers looking at the net zero heat challenge and recommends an approach including a heat hierarchy.
- The Energy Systems Catapult have put together their [views on the challenges and solutions for decarbonising heat](#).

- **Zero Energy Buildings Catalyst (Zebcat)** was a project where Regen worked to support businesses to engage with new models of delivering whole house retrofit at scale.
- **Reinventing Retrofit**, a Green Alliance document about scaling up the approach to retrofitting buildings in the UK.

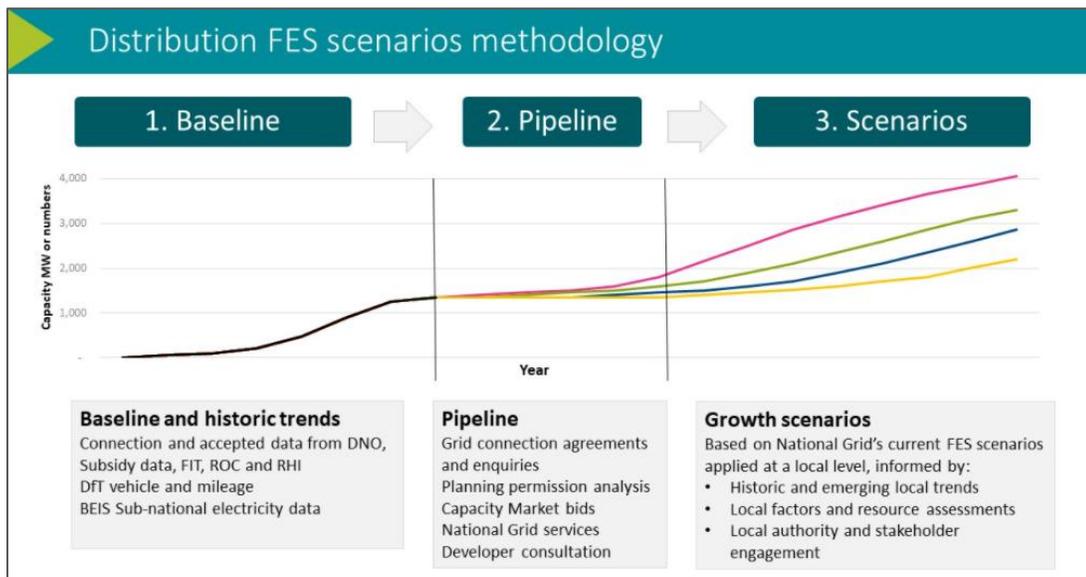


Other resources:

- **UK Green Buildings Council** has created a number of resources including the **retrofitting playbook and toolkits**.
- **The Green Buildings Council also have an excellent new homes playbook** which has guidance and examples of how local authorities can require new developments to install renewables and higher standards of energy efficiency.

Distributed Future Energy Scenarios (DFES)

Regen has pioneered the Distributed Future Energy Scenarios (DFES) approach, an analysis-based methodology that directly supports electricity and gas networks with long term strategy and network planning processes, at a localised level.



Other resources:

- [National grid future electricity scenarios](#) give an annual picture of the net zero pathways that energy networks will need to respond to. These are updated in July each year:
- All distribution network operators provide information as to which areas of their networks are subject to constraints. See examples:
 - [WPD network capacity maps](#)
 - [SSEN generation availability maps](#)
 - [SPEN distribution generation heat maps](#)
 - [Northern Powergrid generation availability map](#)

- Regen hosted a recent event on [how local authorities can enable the EV revolution](#). Watch back our webinar from July 2021.
- We also produced a paper in 2018 about [Harnessing the Electric Vehicle Revolution \(2018\)](#).



Other resources:

- A key source of information for electric vehicles is [the Energy Savings Trust](#) which has dedicated advice and funding for local authorities on delivering electric vehicle strategies and charging infrastructure.
- [The Campaign for Better Transport](#) provides information on public transport solutions to net zero included buses and rail.

Local and community energy

- Working with Community Energy England, Scotland and Wales, Regen published the [State of the Sector report 2021](#) which highlights their important role in supporting net zero
- Regen also support Western Power Distribution and Northern Powergrid with their community energy support and engagement. See here for [some guides, podcasts and information on supporting the sector](#)



Other resources:

Key organisations in this space include:

- [Community Energy England](#)
- [Community Energy Scotland](#)
- [Community Energy Wales](#)

In addition:

- [Communities for Renewables](#) help community groups develop, finance and delivery renewable energy projects
- [Centre for Sustainable Energy](#) have lots of ideas and resources to help communities and local authorities engage with energy.

Local authorities, cities and regions membership

Regen's mission is to transform the world's energy systems for a zero-carbon future. But we can't do it alone. Together with our members we provide an expert and highly influential voice for the policies and market innovation required to drive us to net zero. Join us and invest in a zero-carbon energy future.

Benefits of Local Authority Membership



Get support

We will use our 20-year experience in the energy sector and extensive membership and network to support you through regular meetings with a dedicated relationship manager.

As well as phone and email support, the membership covers up to 3 days of consultancy time from Regen experts. This can be used to run or help arrange workshops, attend meetings, provide evidence, or give advice on projects and much more.



Track progress

You will receive an annual progress report detailing your journey towards local decarbonisation.

This report from Regen's expert analysts will help you engage your stakeholders in local progress and action.



Have influence

You will be invited to contribute to our new cities and regions working group.

The group will enable local authorities to come together with experts to examine the latest issues in energy such as procuring and supporting local renewable energy, local network investment, supporting net zero action plans, developing heat and EV strategies.

Local Authorities, Cities and Regions membership is £5,000 + VAT per year.