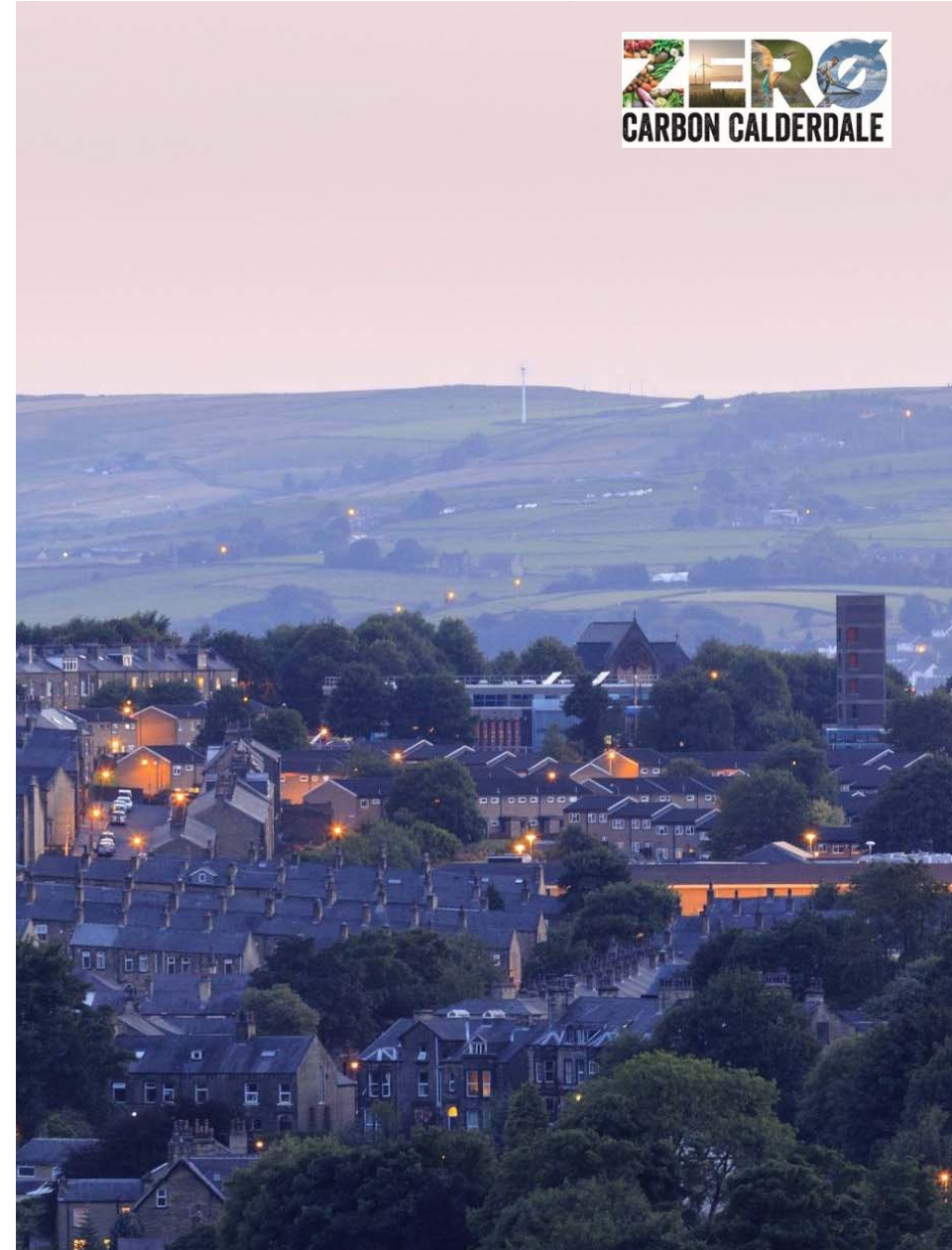


# Calderdale Local Area Energy Plan

How the process will need to mature to inform Regional Energy Strategic Plans

Laura Bramley  
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Calderdale Council



- Heating Energy - Savile park ⏪ ⏩
  - Hipperholme - Loft Insulation ⏪ ⏩
  - Mixenden - Fuel Type ⏪ ⏩
  - Norton Tower - Carbon Emissions ⏪ ⏩
  - Ovenden - Fuel Poverty Risk ⏪ ⏩
  - Skircoat Green - Conservation Area ⏪ ⏩
  - Skircoat Green - Wall Construction ⏪ ⏩
  - Sowerby Bridge - Glazing ⏪ ⏩
  - Stainland - Wall Insulation ⏪ ⏩
- Save Current Scene



# Calderdale Local Area Energy Plan (LAEP)

The Calderdale LAEP is a fully costed spatial plan that shows what measures can be installed, where and how much it will cost. It is a key document that underpins the local response to the climate emergency.



## Key Priorities - Building Energy Efficiency

Analysis of the LAEP data shows that to meet our net zero targets:

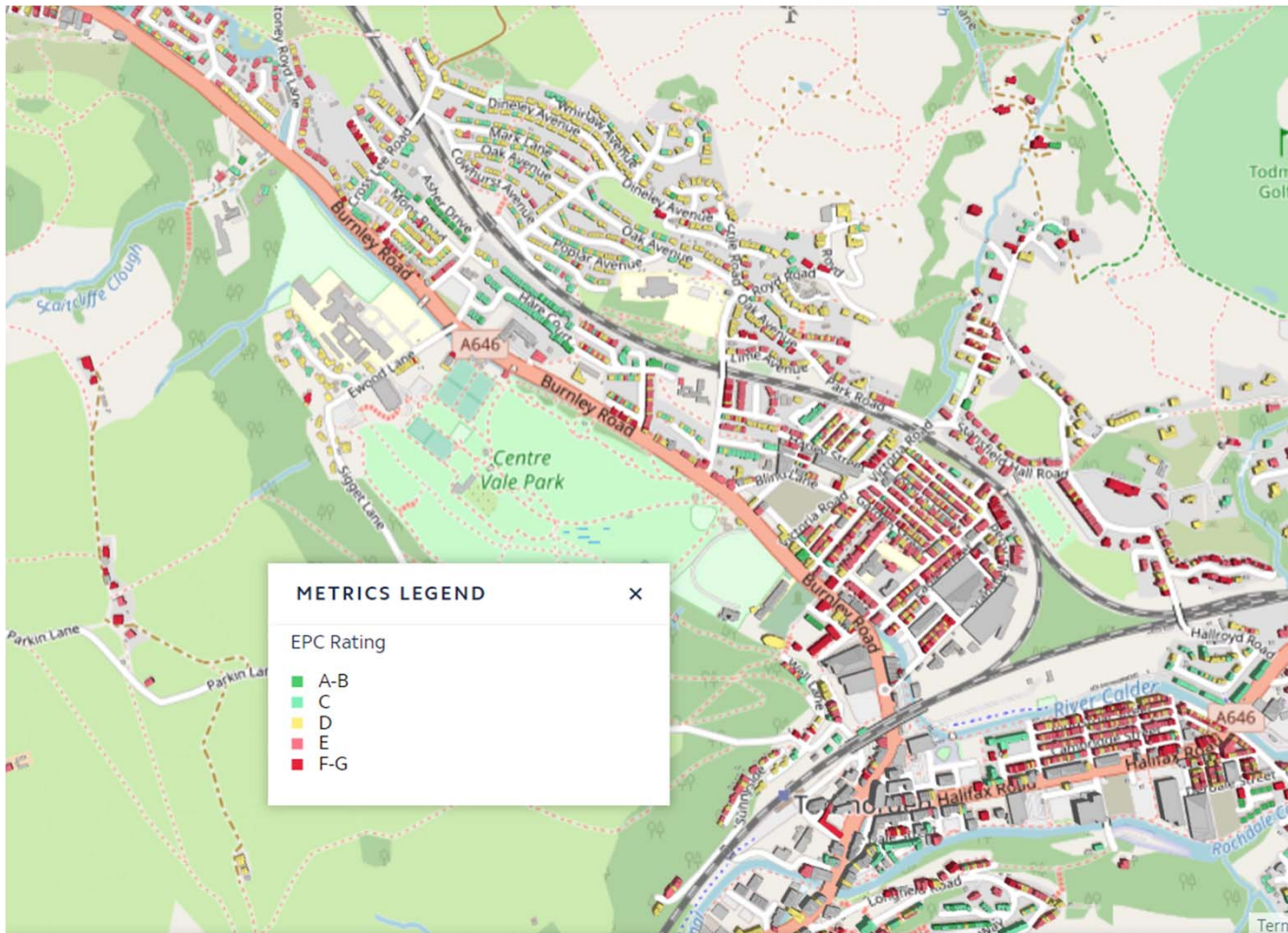
- Over 75,000 homes in Calderdale will require some form of building fabric upgrade.
- Cumulatively, Calderdale’s housing stock will need investment of around £300m.
- This investment could unlock financial savings of more than £50 million a year in energy savings cost and help thousands of people to live in warmer, healthier, more affordable homes.

	Total number of properties	Total Investment Cost (£)	Annual Energy Savings (GWh)	Annual Carbon savings (ktCO <sub>2</sub> e)
<b>Light retrofit</b>	42,635	£174,284	79 GWh	24 ktCO <sub>2</sub> e
<b>Deep retrofit*</b>	34,231	£116,783	281 GWh	60 ktCO <sub>2</sub> e
<b>All measures</b>	76,866	£291,000,000	359 GWh	84 ktCO <sub>2</sub> e



## Priority Zone Todmorden West

- High % of homes with an EPC rating below C
- High risk of fuel poverty
- Targeting areas where funding is available
- The properties in the most densely populated part of this zone can be seen, colour coded by EPC rating.



# How the Process Will Need to Mature to Inform RESPs

## Challenges

- Aligning the Calderdale LAEP to the regional West Yorkshire LAEPs and the data needed for the RESP is a huge challenge as the modelling tools, methodology, data sources and data years are different.
- Lack of data alignment, lack of stakeholder buy in, lack of consistency in approach

## Solutions

- As a local authority we have focused a lot more on community engagement and buy in from our local stakeholders to identify our priorities in our LAEP
- Formal roles and resourcing are needed between different levels of government
- To give clarity for who does what with a clearer scope set out – one set of data, data collection templates, consistent tools and methodologies to help alignment and
- This can then flow into the RESP



# Thank you

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