

The Decarbonisation of Homes in Wales

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The Target

Better World, Better Wales, Better Homes has recommended:

- All homes built with public sector funding should be low carbon, energy and water efficient and climate resilient by 2021
- The housing stock must be retrofitted to SAP 90 / EPC A
- 10 year programme for social housing to reach EPC A
- New targets to replace WHQS

The research plan

- Minister has accepted all recommendations in principle
- The Welsh School of Architecture report – *Homes of Today for Tomorrow* - identified 14 archetypes across the 1.4 million homes in Wales
- WG is now modelling actual homes to create a taxonomy that represents the existing housing stock.
- 2-3 social landlords to work with commissioned researchers to find a pathway to decarbonisation

Next Steps

The WG has identified the next steps in 3 phases:

- 1) WG led data - with the Knowledge Analysis Services and WHQS Teams. November - January 2020.
- 2) Pilot 'focus project' with 2-3 social landlords. Now - March 2020.
- 3) Identify a pathway to decarbonisation for all social housing in Wales.

Next Steps

The pathway is likely to incorporate :

- Goals
- Levers
- Pathways
- Actions
- Challenges
- Targets

Potential pathways will be identified for each dwelling archetype.

Our planned priority areas...

1. Securing a robust understanding of costs – based on data
2. To ensure investment will support local economic growth and the foundational economy
3. To lobby for a grant programme to fund the decarbonisation of our homes
4. Communication – to ensure members are kept up to date with the latest information

Discussion

- What are your views on our priority areas?
- Have you already undertaken data modelling on scale and cost of works for the retrofit programme?

Diolch. Thanks.

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