Developing Herefordshire’s Strategy Retrofit

• February 2023
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National challenge

• UK – 28M homes in need of retrofit

• “An additional 500,000 trade positions, more than double the existing workforce, are needed to meet even a minimum EPC ‘C’ target by 2030, as well as 50,000 Retrofit Coordinators” [CLC National Retrofit Strategy]

• National shortage of skilled trades/roles required
Herefordshire – 84,000 homes

Homes - EPC
- 25% <D
- 75% >D

Homes - mains gas
- 68% NON-GAS
- 32% GAS

Homes Fuel Poverty
- 17% FUEL POOR
- 83% OTHER

Herefordshire.gov.uk
Herefordshire – Targets and scale

![Herefordshire Homes to Retrofit per year graph](chart.png)

- Current estimate (blue bars)
- Fuel poor (orange bars)
- EPC < D (grey bars)

Years: 2023 to 2029
Herefordshire – Targets and scale

The chart shows the retrofit targets for various years, with a goal of 63,000 homes. The breakdown includes:
- 2023: 500 homes
- 2024: 1,000 homes
- 2025: 2,000 homes
- 2026: 4,000 homes
- 2027: 8,000 homes
- 2028: 16,000 homes
- 2029: 31,500 homes
- Total: 63,000 homes

The chart indicates the number of homes per year, with the goal of achieving EPC D-rated homes by 2029.
Herefordshire Retrofit Strategy

• Defines and quantifies the challenge
• Links to existing policy direction and targets
• Develops a business case
• Outlines delivery options
• Identifies risks
• Recommends options – with costs and benefits
Current retrofit projects in Herefordshire

- All provide advice, awareness, support
- Delivery limited by local availability of qualified professionals
Demand/Supply Gap
Skills need for Retrofit delivery

- PAS 2035 Retrofit
  - Coordinators
  - Advisors
  - Assessors
  - Designers
  - Evaluators

- PAS 2030 Installers
  - Heat pump engineers
  - Insulation installers
  - PV installers
  - Electricians
  - Plumbers
  - Plasterers
  - Carpenters
  - General labourers
Workforce need for Retrofit delivery

- Potential workforce
  - New entrants to labour market 18+
  - Those seeking career change
  - Upskilling those already in building/construction services

- Promotion of retrofit careers will:
  - Ensure local supply
  - Create local employment
  - Deliver economic benefits
  - Deliver carbon reduction
Local Training Provision

• HGN Building Sense
  • Signposting and advice to installers
  • Futureproof Essentials course

• Midlands Net Zero Hub
  • Home Decarbonisation Skills Training

• NMITE/AECB
  • Retrofit training from April ’23
National Training Provision

• Numerous national / online learning opportunities including:
  • The Retrofit Academy
    • £1M from BEIS for subsidised training
  • AECB Carbonlite
    • Online Foundation and Coordinator qualification
  • Energy Trust
    • Retrofit Assessor/DEA
  • BRE Academy
    • Retrofit Foundation course
  • NOCN
    • Level 5 Retrofit Coordinator
  • Robert Gordon University
    • Pg Cert Building retrofit
Ambition for Herefordshire

- Achieve carbon targets
- National and local picture
- Adapt Keep Herefordshire Warm
- Develop the local/regional supply chain
- Explore financing options
- Herefordshire Net Zero Retrofit Guide
Summary

RETROFIT CHALLENGE

CARBON REDUCTION

POSITIVE ACTION

SUPPLY CHAIN LIMIT

EMPLOYMENT ECONOMY CARBON

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