Scaling up whole house retrofits
What is the Combined Authority?

Our vision: a strong, successful economy and globally recognised economy where everyone can build great businesses, careers and lives

• Transport
• Education
• Skills
• Housing
• Devolution
  • Elected Mayor 2021
• Flooding
• Police and crime commissioner

https://www.yourvoice.westyorks-ca.gov.uk/wydevolution
Why are we interested in retrofits?

Strategic objectives:
• Clean energy and environmental resilience
• Growing Business
• Skilled People Better Jobs
• Infrastructure for growth

Priorities 2019-2020
• Supporting clean growth
• Boosting productivity
• Enabling inclusive growth
• 21st Century Transport system

Tackling the climate emergency 2019
• Net-zero emissions city region by 2038 (with significant progress by 2030)
Better Homes Yorkshire Partnership

- Public private partnership 10 local authorities: supplier framework
  - Cavity walls, bespoke solutions, external wall, lofts/attic rooms
  - Heating systems and renewables
- Focus on fuel poverty, health, area based regeneration /worst performing stock
- Delivered measures in around 5,000 homes since 2015
- Trusted reputation, good customer service, high take up, mixed tenure schemes
Covid-19 impact and recovery plan

- **Lockdown** – projects temporarily suspended, supply chain furloughed
- **Precautions** – internal construction, shielding/quarantine, sanitisation
- **Rescue** - accelerated projects and shovel ready schemes 18 month delivery
- **Recovery**: Create Green New Deal proposition: job creation c.42,000, green stimulus, skills programme, inclusive approach
- **Rationale**: traditional fiscal recovery policies have served to advance dependence on fossil fuels and 'lock-in' carbon emissions
But….we need to scale up

- Whole house approach to retrofit
- ‘significant progress’ to net-zero carbon by 2030
- Carbon reductions of 14.5% every year….
- Fuel poverty 12.4% homes
- Circa 800,000 homes <EPC C
  - 80,000 year
  - 6,700 month
  - 300 day!
- 66% owner occupied the rest rented 50/50 private/social-rented
Tackling the barriers

- Low demand for energy saving measures – unattractive proposition
- No clear government policy and plan of action
- High costs and insufficient supply chain capacity and capability
- Lack of finance

(IET/Nottingham Trent University 2020)
Scaling up high quality retrofits – what are the components?

1. Shaping the market and building the scale
   - Customer journey
   - Pipeline development
   - Developing supply chains
   - Delivery structures, partnerships and business models + procurement
   - Skills and training capacity and labour markets
   - Ways of paying for it – consumer finance and capital markets

2. Develop a high quality and trusted offer
   - Apply quality systems and keep to them
   - High quality skills and training
   - Verification models, assessment, warranties and liabilities
   - No regrets measures – deep energy and carbon reductions
   - Reduce performance gap
   - Methods that take a whole house approach
Call for evidence

We Need YOU!
Questions for you

• What sort of skills do we need to deliver whole house retrofits?
• How about the materials and technology supply chain?
• How can we foster trust and provide information and advice?

Get in touch:

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Thank you