What's the story? ...

Wood Heat, Biomass and Net Zero

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Finding, creating the niche that works

- Innovation in response to the environment, constraints and openings
- Considering the direction of travel
- Expectations for the future
- And an example or two

Wood for heat... a journey ...





Wood for heat – what now, what next?



What's changed?

What's changing ...?

Forces and Drivers...

- Net Zero before 2050
- Changing expectations of Air Quality
- The shift to clean, typically electric, vehicles
- National Infrastructure Assessment, 18 Oct 23 significant home electrification including of heat (building on work of the CCC and other) – much cheaper to run
- The new (future) Home Standard imminent
- What will people want in the 2030s?
- What will government incentivize for the 2030s?
- What, and who else's innovation might we need to respond to?

Up-scaling patterns (after Naber)

Domestic take-up, high volume, A

Project Replication - projects or parts are replicated (organic growth)

Transformation – shaping wider institutional change

Low Rol, un(der) valued, C

Project Growth expands in size for users and actors

Project Accumulation – linking with other experiments

High Rol, valuable, D

A parallel journey Active Buildings deployment

Domestic take-up, high volume, A

Active Buildings as a Net Zero response, scattered across the UK

Active is the norm for all buildings across UK

Low Rol, un(der) valued, C

Innovators and early adopters

ABs strategically deployed to benefit the energy system

→ High Rol, valuable, D

System led take-up, low(er) volume, B

Responding to innovations of others ...





DO LECTURES 2009, Gabriel Branby CEO Gransfors Bruks

https://thedolectures.com/talks/why-values-are-important/