
What's the story? ...

Wood Heat, Biomass and Net Zero

Hywel Lloyd

Former Specialist Advisor on Zero Carbon Homes at DCLG
& Waste, Resources & Rural Affairs at DEFRA

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 ?



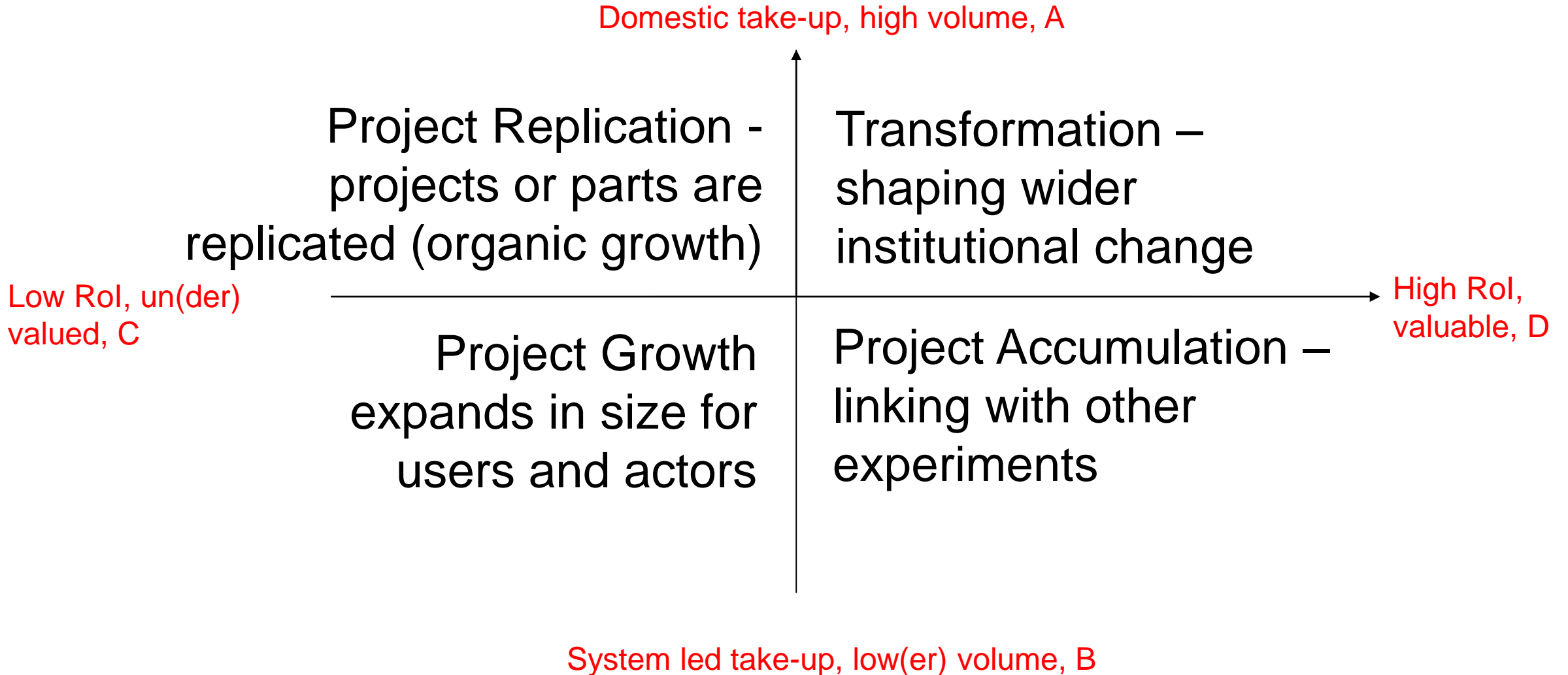
What's changed?

What's changing ...?

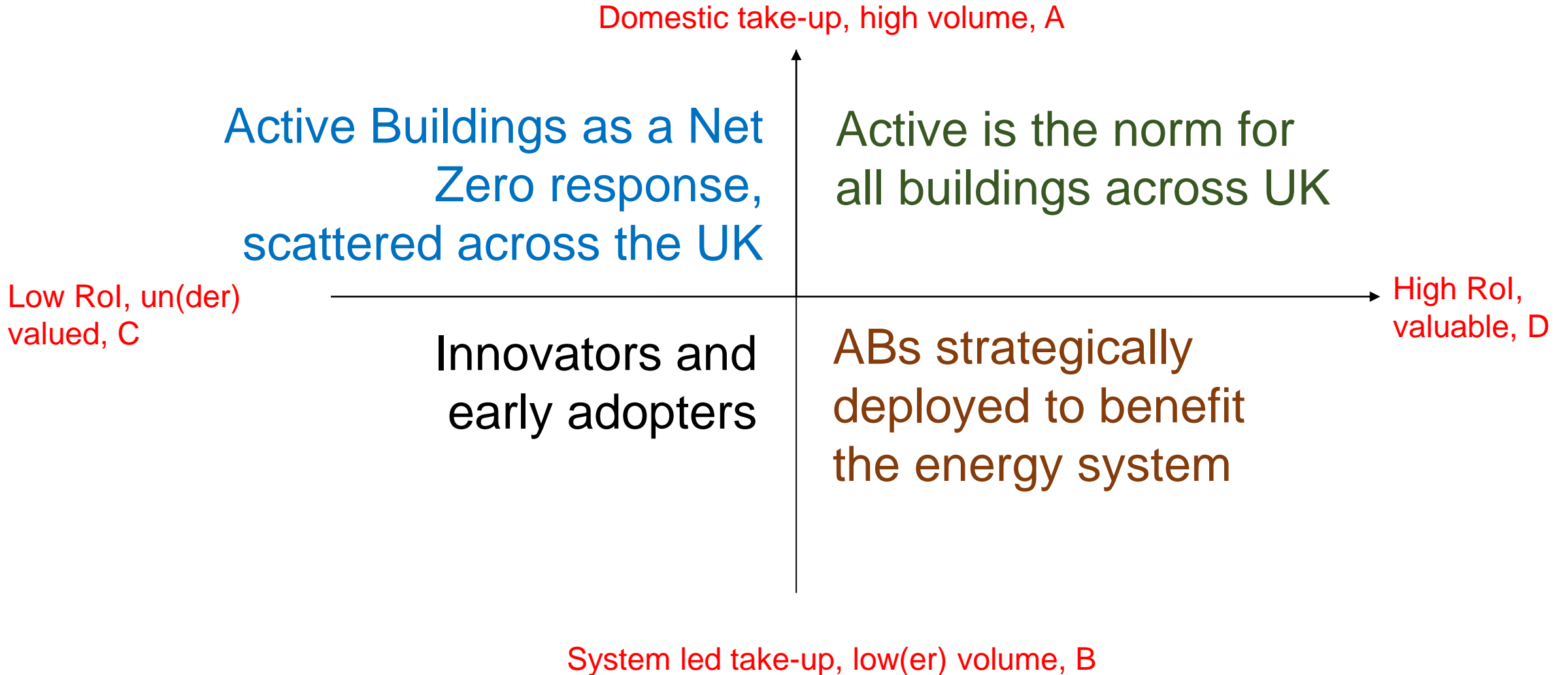
Forces and Drivers...

- 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)



A parallel journey Active Buildings deployment



Responding to innovations of others ...



DO LECTURES 2009, Gabriel Branby CEO Gransfors Bruks

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