

Optimised Retrofit



Llywodraeth Cymru
Welsh Government

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Challenge & Opportunity (A)

Sharing is a must as;

Wales 230,000 plus 11 (of the 22) LA's with retained stock – 1.4m homes in total – retrofit circa £15bn over coming 10 yrs

Scotland 315,000 RSL , 2.6m in total homes – retrofit circa £33bn over coming 10 yrs

England 6m RSL homes , 23m houses in total

Challenge & Opportunity (B)

But UK is competing in a Global Market Place for

Covering the likes of;

Design, Manufacture, Installation,
Assessment/Monitoring, Maintenance, Digital System
Updating, Cradle to Cradle product Development
“Circular Economy”

In pure construction Oct 2021 there were 176,000
vacancies, ONS Jan 2022 38,000 and the electric grids
need in the coming 5 years 40,000 people to replace
those retiring

Challenge & Opportunity (C)

Some key high level criteria are;

- Green from inception the products designed and made to improve buildings
- Small to minimise space usage
- Least Disruption – a key challenge for retrofitting someone's home
- User friendly for residents

Challenge & Opportunity (D)

Spring Budget 23 March 2022 - HM Treasury 0 VAT on home owners install of green power systems plus insulation for next 5 yrs

That's good but will put pressure on access to supply chain and workforce but open's opportunities for delivery to Owner Occupiers