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Benefits of Area Based Regeneration and the Scale of the Issue



Drivers for Change



EPBD recast:

- existing buildings -

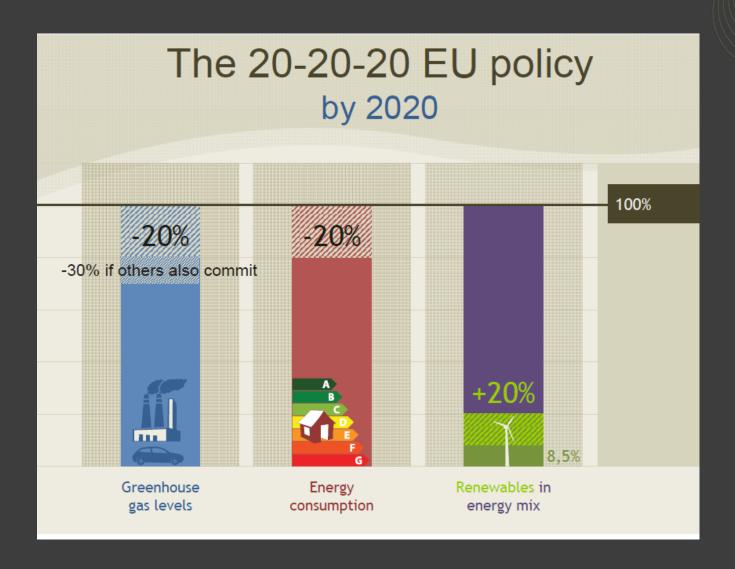
- MS to set Minimum energy performance requirements for renovation of technical systems, as well as for building elements (roof, wall, etc.) if technically, functionally and economically feasible, whenever they are retrofitted or replaced
- MS to take measures, such as targets, to stimulate the transformation of buildings that are refurbished into nearly zero energy buildings





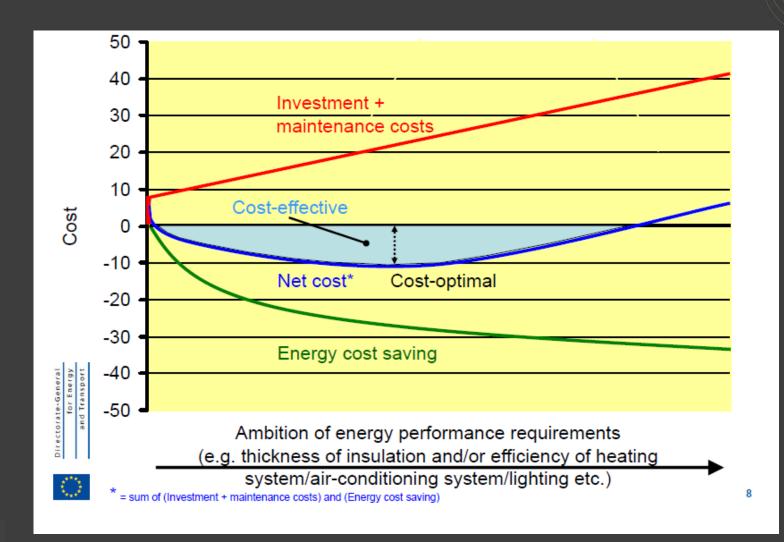


Drivers for Change





Cost optimal approach





Scale

- In Wales there are approximately 440,000 solid walled properties.
- To improve them to a modest standard will cost circa £10k for just the fabric.
- To complete them by 2020 we need to do 55,000 a year just in Wales, by 2030 its about 25,000 a year



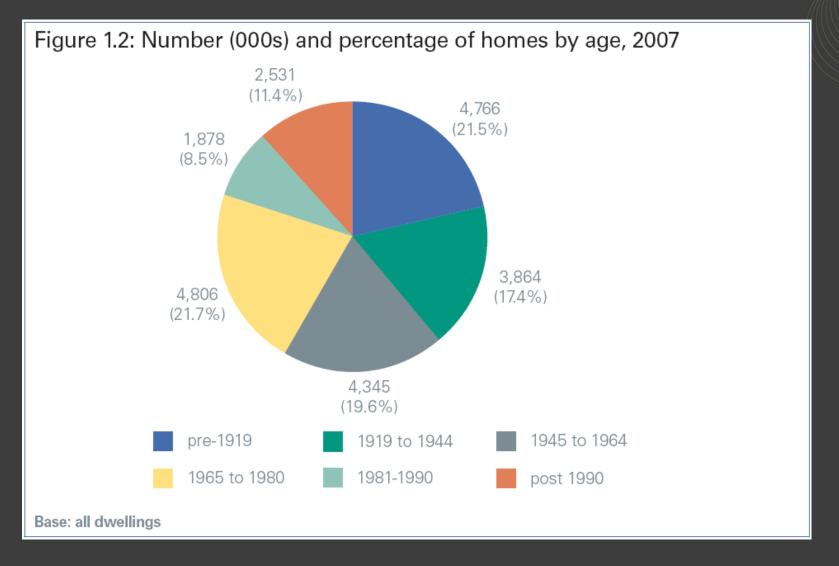
Scale

 This means 1145 or 509 a week depending on how long we have

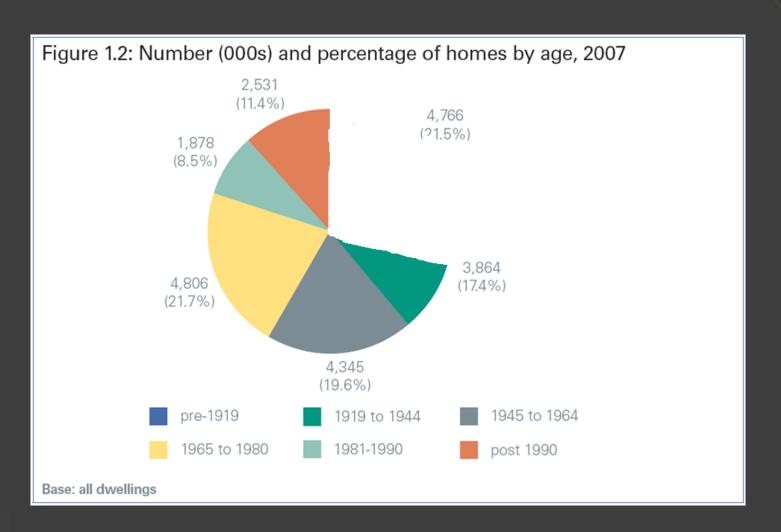
- That's £440,000,000 just for the fabric
- That's about 2,640,000 m₂ of insulation
- So where does that get us



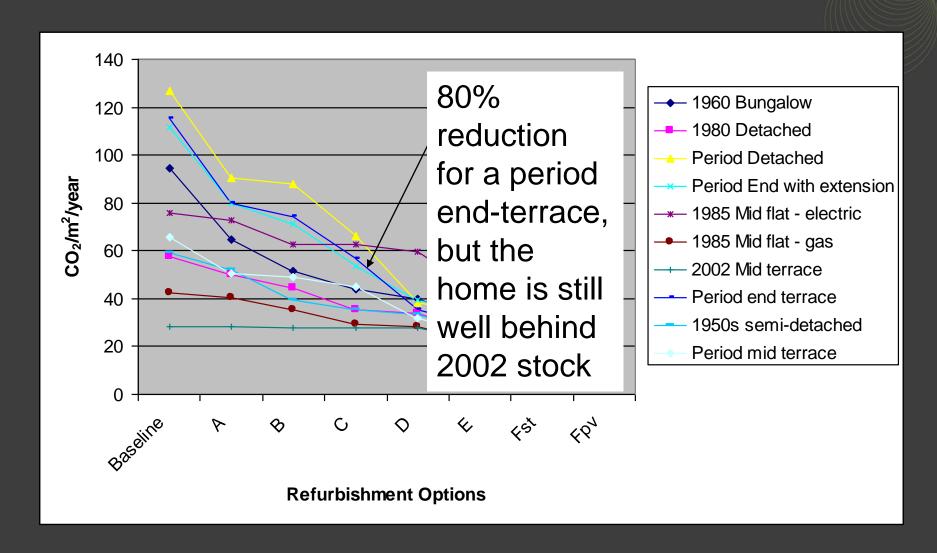
The context – age of housing stock













Scale

 The only way to deliver these targets is mass installation

 Area based regeneration, that can be undertaken sympathetically

Using the right solutions.





Thank you for listening

