

And the rest.....?



- Further carbon savings
 - more disruptive
 - more expensive measures
 - wider use of renewable heat/power sources.



Paying for it





- >£20bn p a spent in UK on repair and maintenance of existing housing
- Necessary capital investment for carbon targets is huge
- Need to consider "Carbon £" & Whole Life Cost issue maintenance & refurb.



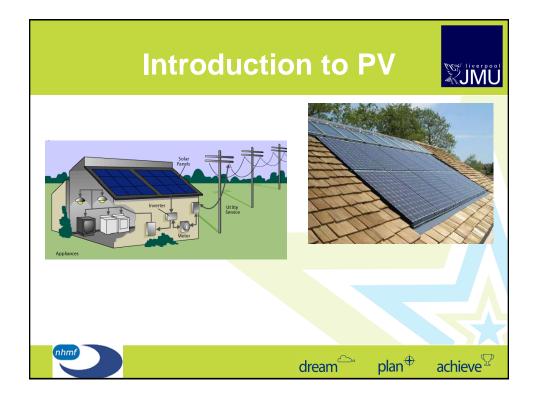
dream

plan⊕

achieve $^{\overline{\mathbb{Q}}}$



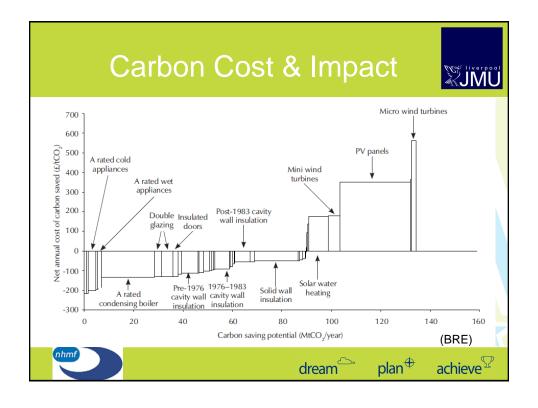


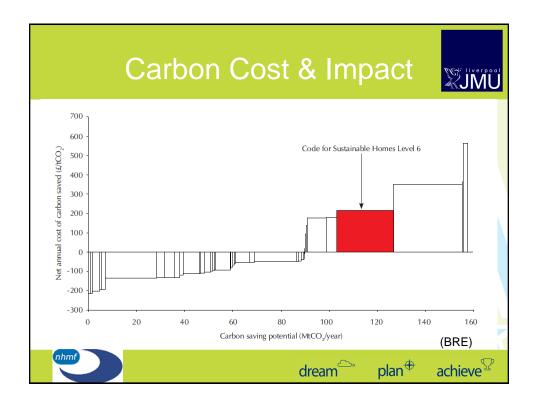












Some comments.....



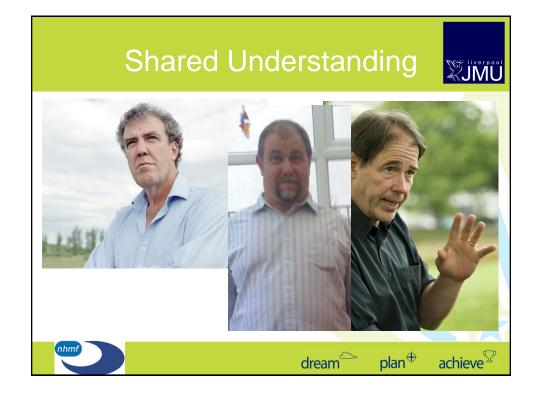
- Watch out for things that Whir: they often don't work
- Make sure that responsibility between linked bits of kit is very clear
- Don't assume that anyone knows their job
- If it takes more than 3 paragraphs to explain how to commission a system, don't touch it.

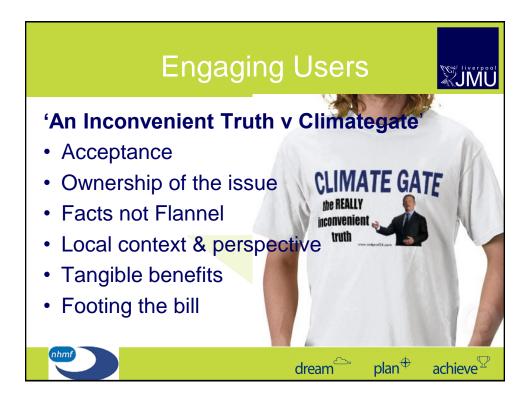


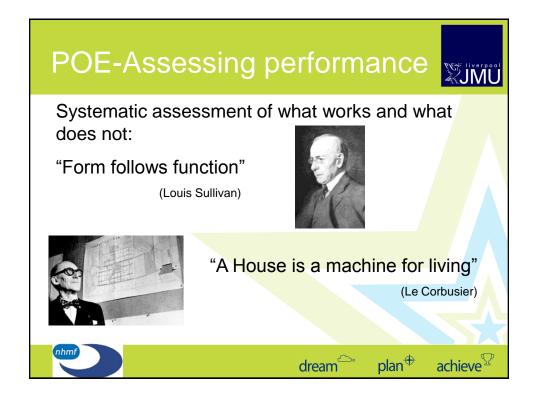
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In 1974.....



- Average UK House Price £10 990
- Gallon of petrol 42p (in 'new' money)
- 1st McDonalds opens in London
- Watergate
- World's Population reaches 4 billion (7 billionth baby born in 2012!)



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