

NATIONAL ENERGY FOUNDATION

DEVELOPING A ROBUST PROCESS TO CLOSE THE PERFORMANCE GAP AT **WHITEHILL & BORDON**

ADAM TILFORD

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ASSURED PERFORMANCE



Whitehill & Bordon
HAMPSHIRE'S GREEN TOWN



East Hampshire
DISTRICT COUNCIL



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BEYOND THE REGULATORY MINIMUM

- Zero carbon homes..... Scrapped
- Code for Sustainable homes.. Discontinued
- Allowable solutions..... Dropped
- Passivhaus..... Too challenging for mainstream?
- Housing Standards Review..... Limiting local control?
- Localism..... Rhetoric?

NEED SOMETHING NEW?

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THE PERFORMANCE GAP: MORE THAN A TECHNICAL PROBLEM

LOTS OF EVIDENCE

- **Innovate UK** BPE program
Technology Strategy Board
- Design vs As Built 
- Multiple academic studies
- New build experience from social housing sector

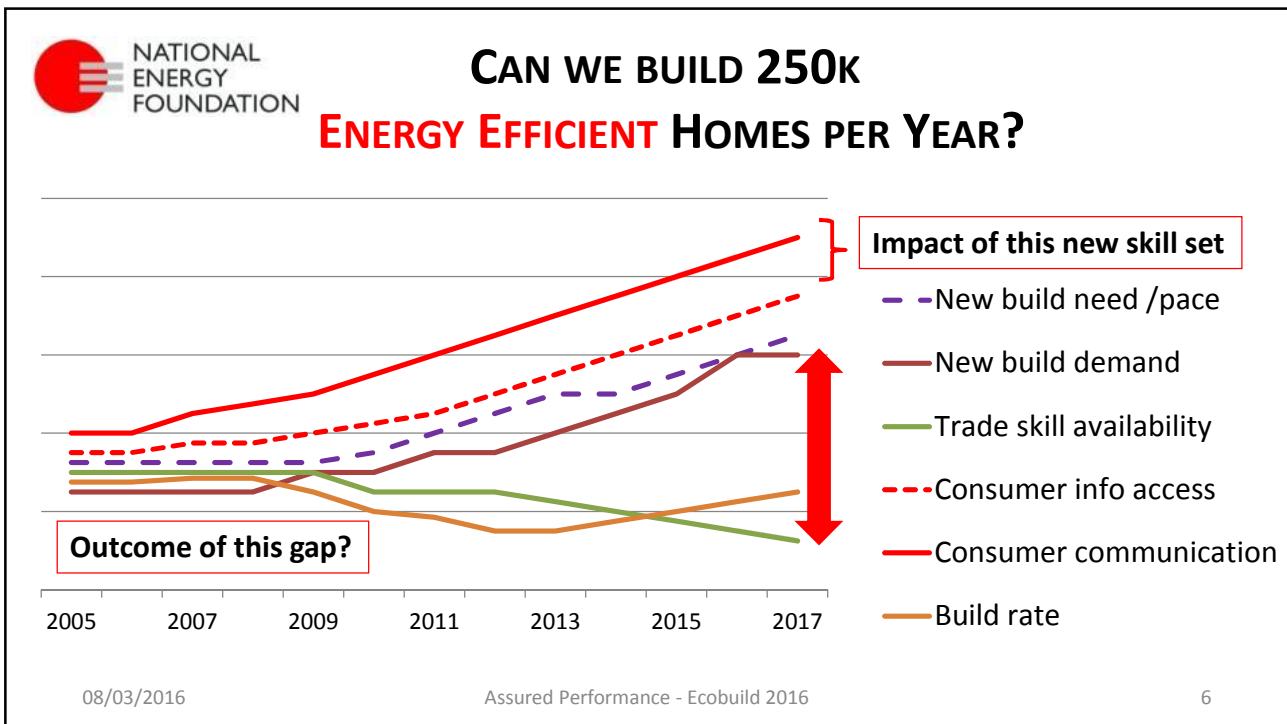
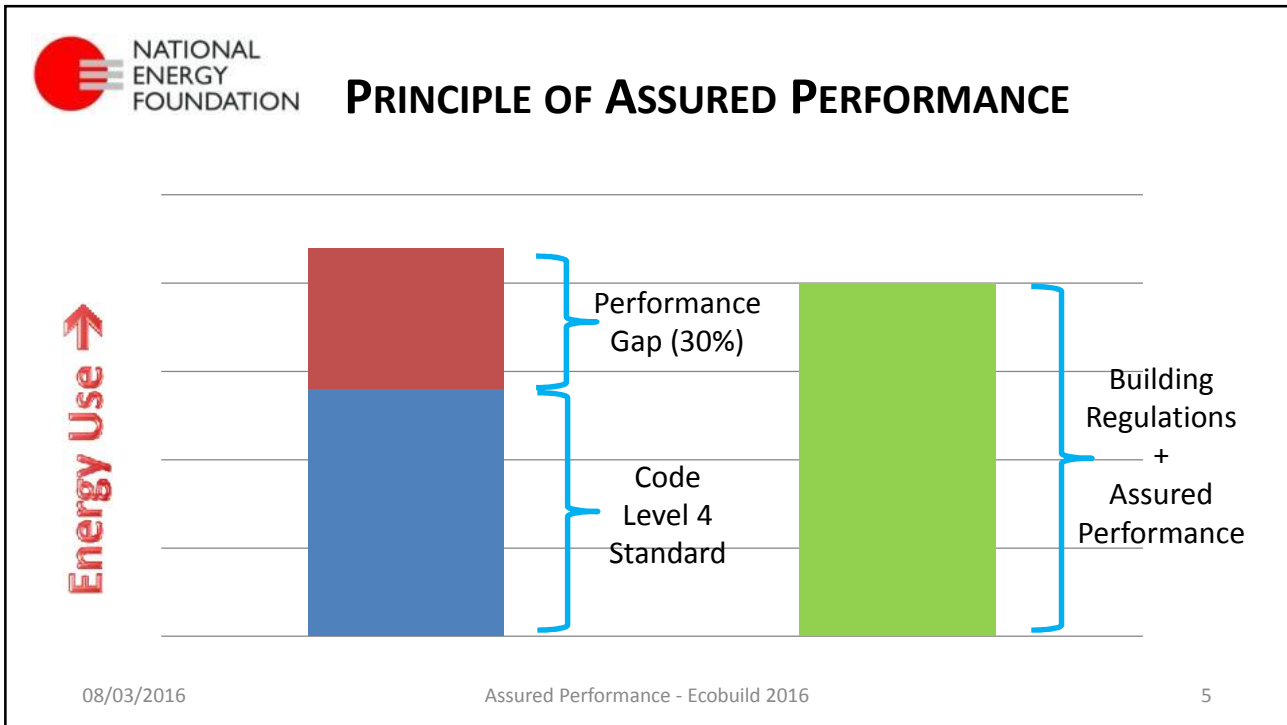
BUT WHAT IS RISK TO DEVELOPERS?



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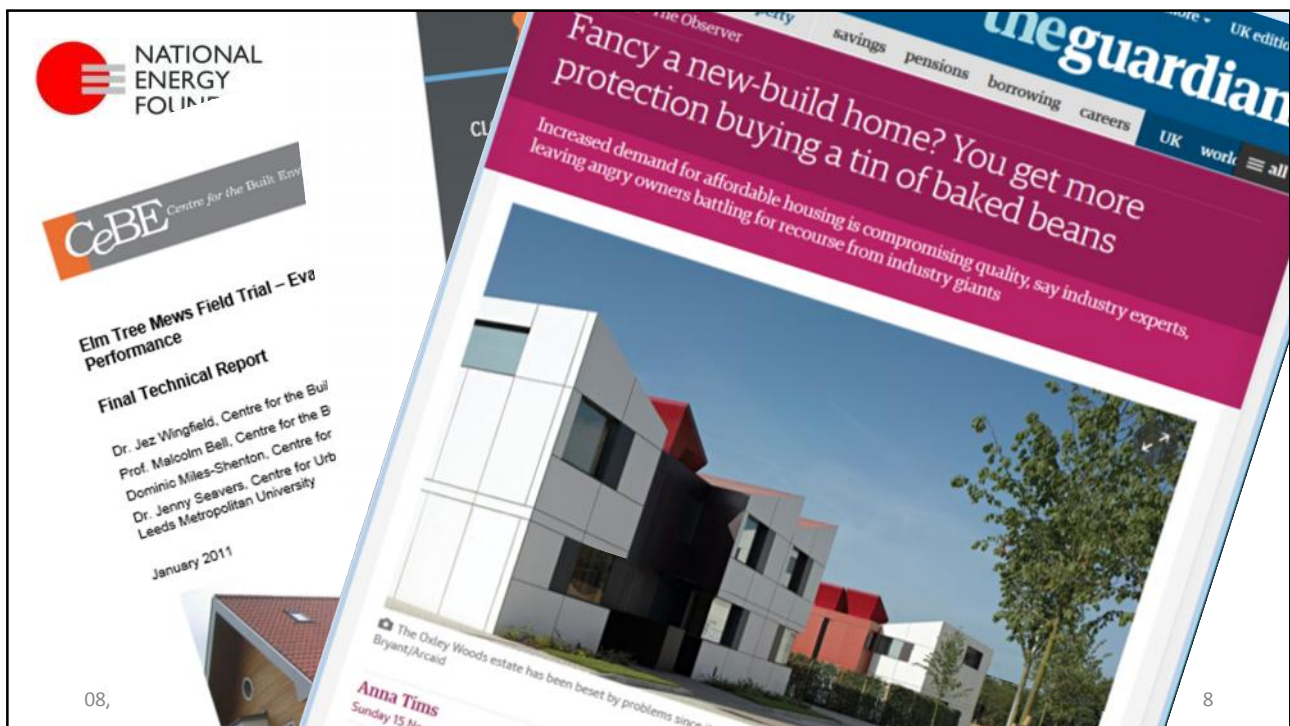
CAN WE BUILD 250K ENERGY EFFICIENT HOMES PER YEAR?

- High demand + low capacity + reduced skill set = ?
- Simple questions:
 - Will the quality of build get better or worse ?
 - Is the customers tolerance greater or less ?
 - Can they communicate discontent on a broader scale faster ?
 - Will they do that ?
 - What is the impact of that ?

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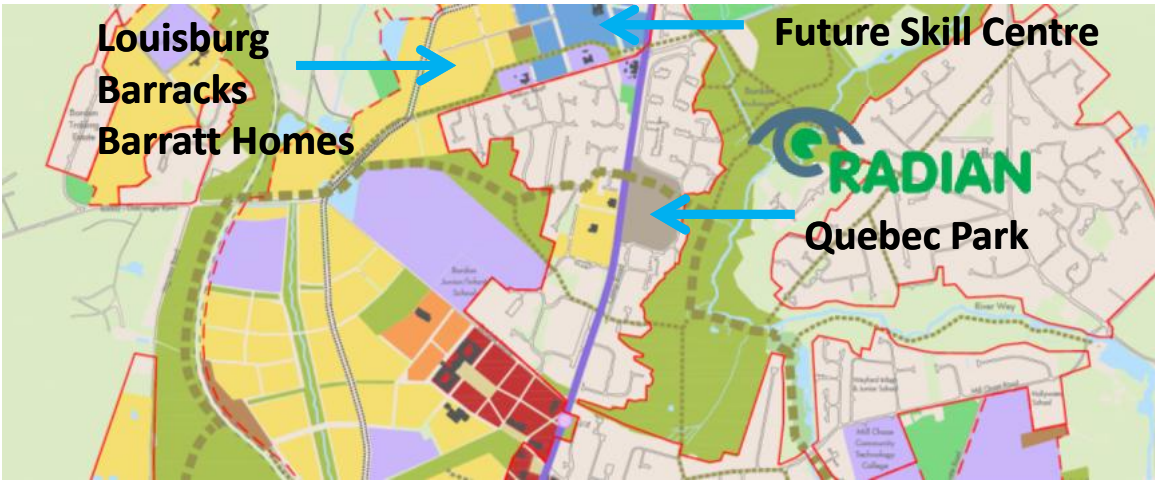
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Louisburg Barracks Barratt Homes

Future Skill Centre

RADIANT

Quebec Park

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- Several sites in MK
 - Housing & commercial



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