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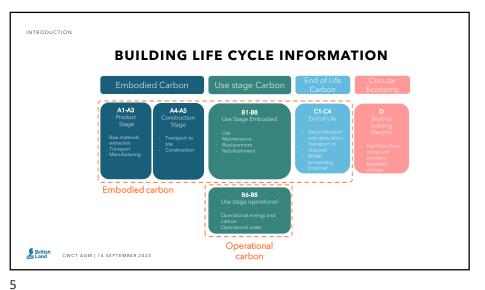


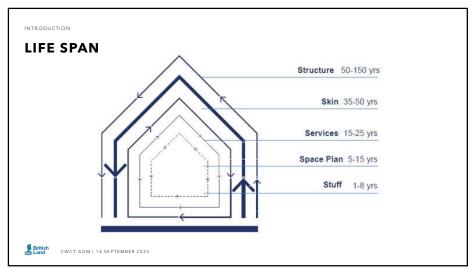
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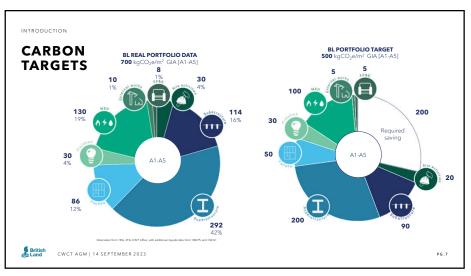
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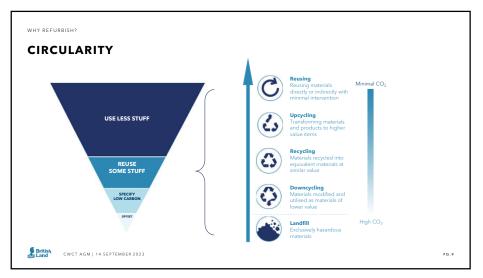


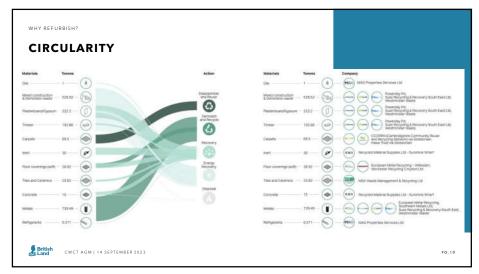


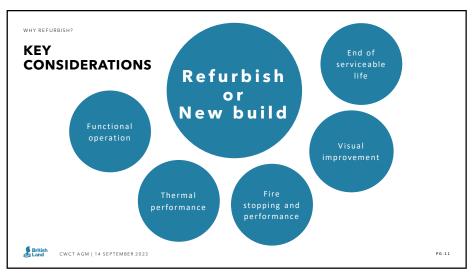














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## CWCT AGM and Members' meeting 2023 Why refurbish? The client view – Alan Bunting, British Land







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NEW CLADDING
REASONING

Sometimes no matter how hard you thrash it; it just won't work......

Beyond economic repair (Cost/Time/Carbon)

Unacceptable aesthetics that detracts from value

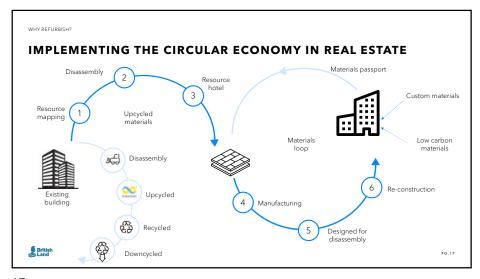
Performance criteria is too low

Inflexible for new use or layout.

Office to Residential

Building extension or infill











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REFURBISHMENT CONSIDERATIONS

- Presumption in favour of refurbishment. 'why wouldn't you?'
- Embodied carbon retention
- Refurbishment of the building services (de-gas, ASHP, smart air supply, mixed mode) should include a review of the facade performance.
- Future proofing for openable windows or louvre?
- Can part or all the cladding be repurposed within the building?
- Programme and cost benefits of retention

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REFURBISHMENT CHALLENGES

- Ease of disassembly and reassembly, internal and external access requirements
- Risk of damage
- Performance limitations
- Visual limitations and aesthetic appearance, the marriage of new and old
- Robustness and ease of modification - solar shading / openable vents
- Complexity of finding replacements or spare parts
- Listing or heritage interest





