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Opportunities for Change? (3)

Costs and Benefits for all situations Range of options Availability Performance

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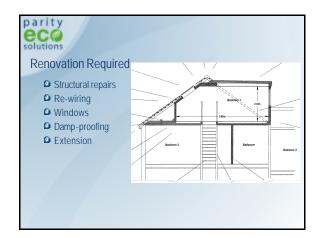
Demonstration Project

- Victorian, Built 1870
- 'Conventional' Semi-Detached
- Solid Walled
- No south facing roofsNo insulation
- 6 different window types
- High Ground Levels
- Damp



















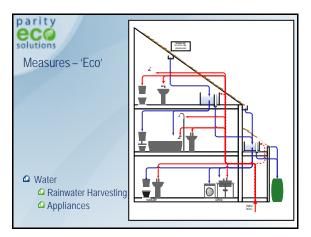


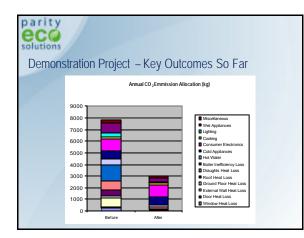


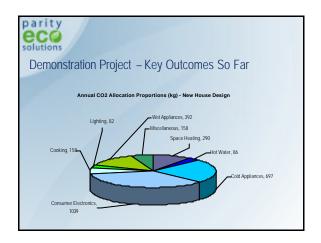








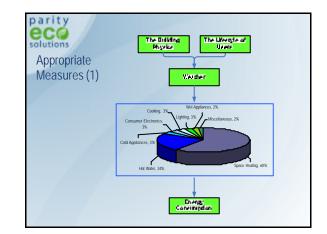




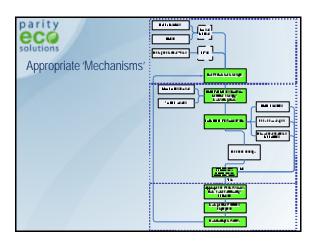
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Demonstration Project - Key Outcomes So Far

- Eco measures are 15% of total refurbishment cost
- Approx 5% of floor area has been lost
- Economic pay-back is 7-8 years on average.
- Design shows CO₂ reduction of +75%
- $\ensuremath{\textcircled{}}$ 55% reduction in CO_2 from draughtproofing and insulation
- Costs heavily associated with logistics and ease of install









parity eco solutions
Summary
 Engineering is the easiest part Strategy is the key – single/stock level Capacity building Parity Eco Solutions Delivery Parity Projects
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