

Introduction to the Building Energy Efficiency Programme

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What is the Building Energy Efficiency Programme?

The Building Energy Efficiency Programme (BEEP) is a flagship international initiative to reduce the carbon footprint of cities globally

- Clinton Climate Initiative (CCI) brings together the world's most significant cities (C40) to tackle climate change.
- It provides a mechanism to make it financially feasible for cities to radically cut emissions from their buildings. It is also enabling worldwide procurement collaboration on key technologies
- The London programme is the first to be delivered through the Initiative
- A pilot was launched last year covering 42 buildings across TfL, Metropolitan Police and London Fire Brigade. Energy savings of over 25% are expected



“Climate change is a global problem that requires local action. The businesses, banks and cities partnering with my foundation are addressing the issue of global warming because it’s the right thing to do, but also because it’s good for their bottom line ”

President Bill Clinton

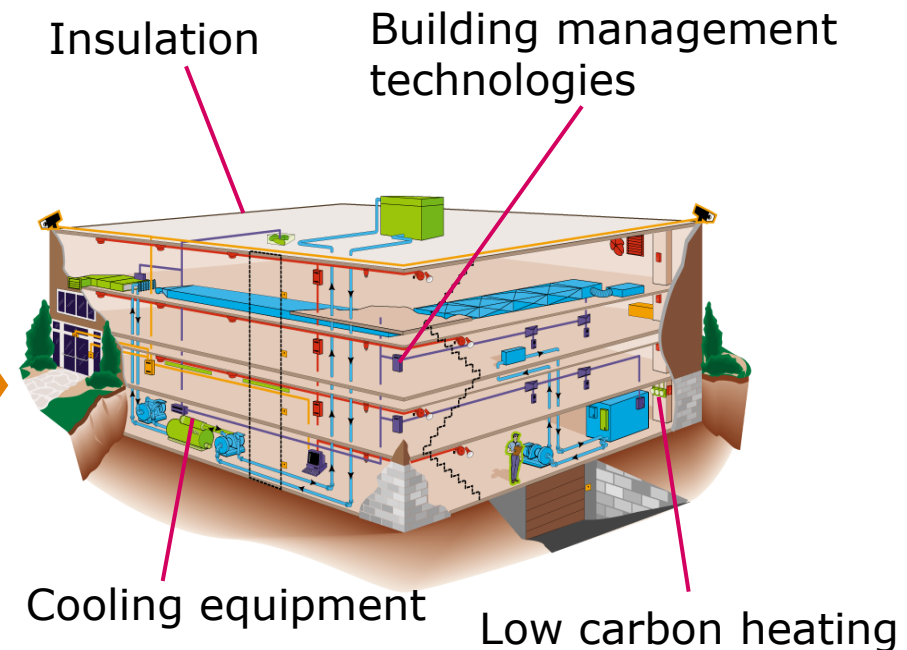
The programme is now being opened-up across London

What is the Building Energy Efficiency Programme?

It uses an innovative commercial model that creates a cost neutral means to reduce energy bills and carbon footprint of your buildings

- **Energy service companies (ESCOs)** guarantee a set level of energy savings - therefore financial saving - over a period of years

- **This guarantees a future income stream** to fund investment in improvements

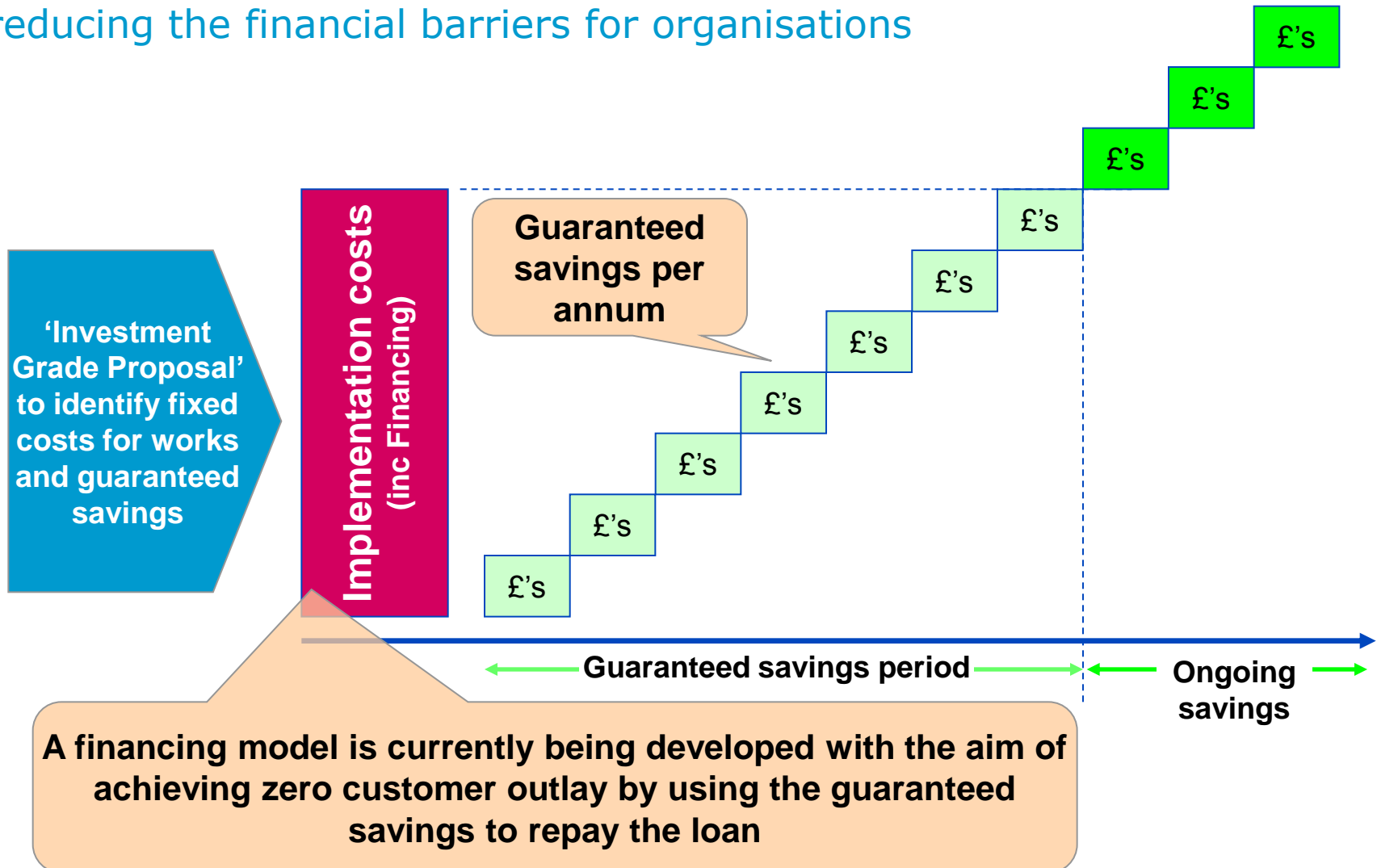


- If all municipal buildings, schools, universities and hospitals were retrofitted, could save 1m tonnes CO₂

- If public and private sector buildings are retrofitted could save up to 3.6m tonnes – about 8% of London's emissions

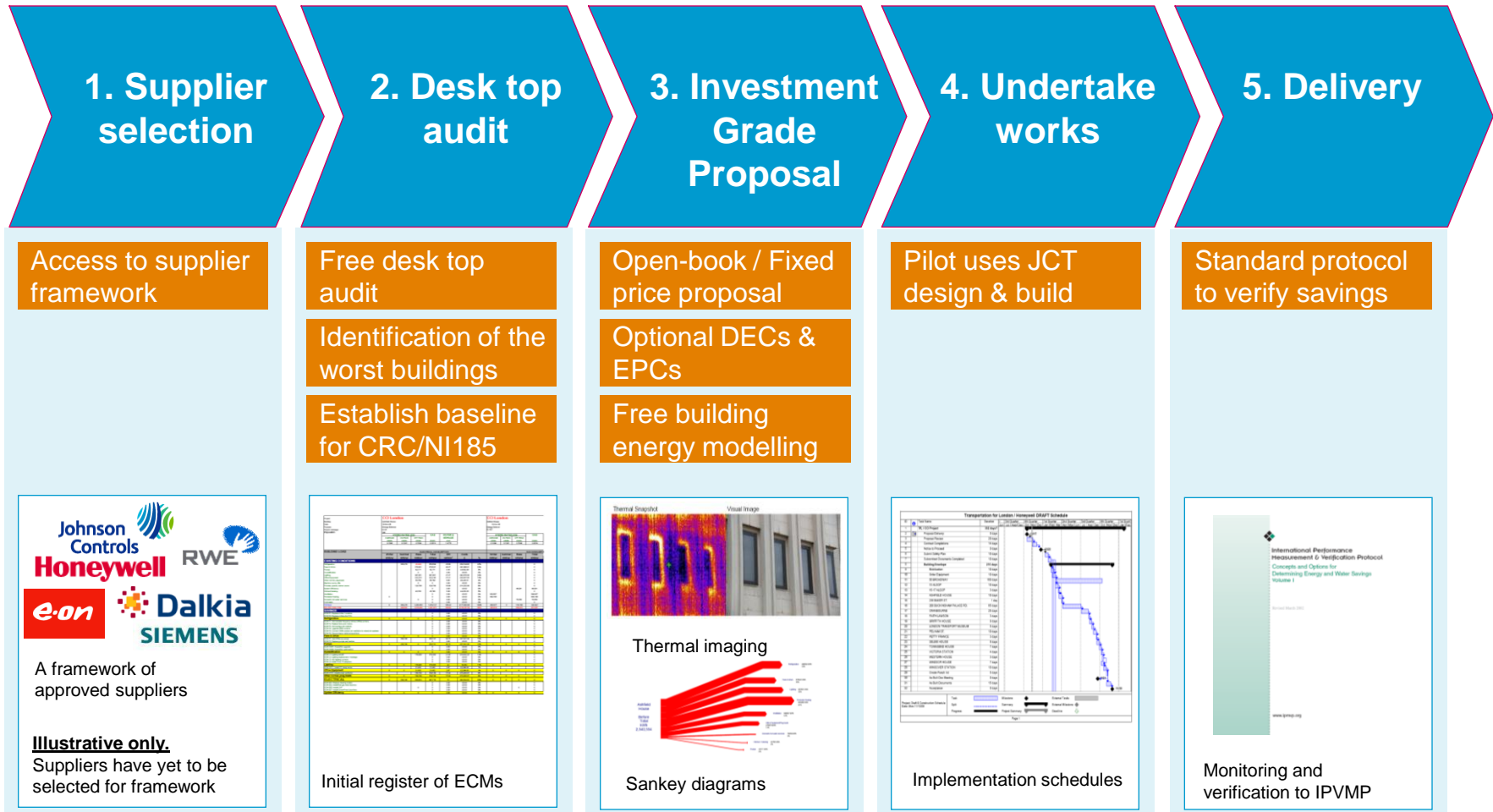
What are the benefits of participating?

By guaranteeing savings the project will pay for itself - reducing the financial barriers for organisations



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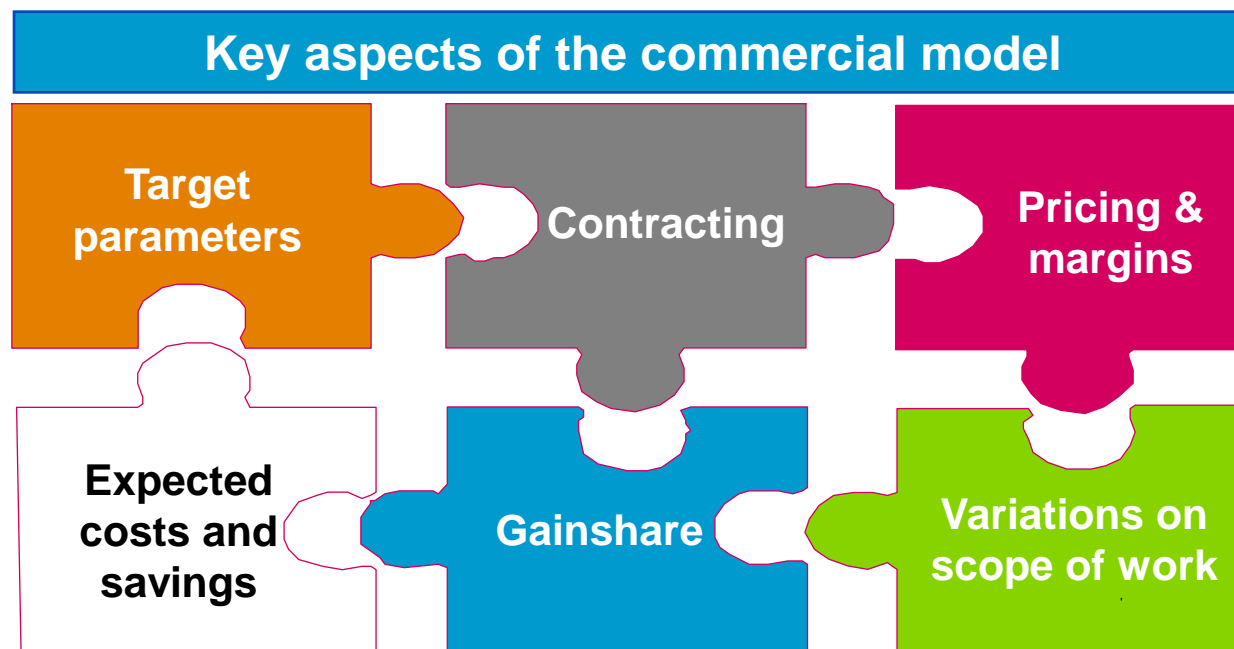
The comprehensive approach fits with current facilities management arrangements and drives value for money



*ECMs – Energy Conservation Measures. DEC – Display Energy Certificate. EPC – Energy Performance Certificate. IPVMP – International Performance Measurement and Verification Protocol. JCT – Joint Contracts Tribunal Limited. CRC – Carbon Reduction Commitment. NI – National Indicator

How does the model work?

The model is also aimed at streamlining the supplier selection and contracting stages, whilst allowing a robust and effective procurement



- A Framework will be created, facilitated by a central team, to speed implementation
- Commercial model comprises six core interrelated components
- Supplier turnover and profit capability are directly linked to energy savings
- Very positive consultation on the model undertaken with 10 potential early adopters

How much interest is there?

BEEP has attracted significant interest from a range of organisations principally because it tackles the key barriers to driving a significant energy efficiency programme - limited capital and internal capacity



- Energy or facilities managers have been the principal consultees
- Several follow-on meetings have already been held with finance and procurement

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