Energy Efficiency in Stockton

Community Energy Savings Programme (CESP) & Energy Company Obligation (ECO)





INVESTORS Silver

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Big plans for an outstanding Borough

Community Energy Savings Programme (CESP)

- 1670 private homes in Stockton benefited from external wall insulation with boiler upgrades and loft insulation if needed
- Largest private sector CESP scheme in the country
- £9m private sector investment
- 300 jobs created





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The Challenges

- Liaising with almost 1,700 different households;
- Dealing with the variety in the building stock;
- Weather related problems;
- An industry that wasn't mature in transition from cavity wall to external wall insulation;
- Working in private sector homes rented and owner occupied;
- Maintaining quality.



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- DECC selected Stockton as a case study for national evaluation of CESP
- SBC commissioned independent market research into the impacts of CESP
 To look at the social, environmental and economic benefits of the scheme
 To gauge the health impacts on residents



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Stockton's Experience

- The operational benefits of an area-based approach to delivering energy efficiency schemes;
- The wider benefits which can be derived from area-based energy efficiency schemes;
- The benefits of close local authority involvement in energy efficiency schemes;
- The importance of strong political leadership;
- The importance of good data on the local housing stock and population in developing schemes;
- The challenges of delivering intensive energy efficiency improvements in private housing, and how they can be overcome.



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Key Conclusions:-

- Many (two-thirds) homes are undoubtedly thought to be warmer;
- Other largest impact seems to be a 'pick-up factor' from getting something done;
- Improvement perceived by visitors;
- Some real savings on energy usage and costs;
- Some evidence of improvement in child performance, attendance and behavior.



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Before





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Good News:-

- Seamless transition from CESP to ECO;
- Deed of agreement between SBC and CES (GoWarm);
- 5,000 homes to be insulated over two years;
- "Exclusivity" of branding;
- Mutually beneficial partnering arrangement;
- No financial contribution fully funded.



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Not so Good News:-

- Expectations raised;
- Policy changes by government;
- Gap in funding available.





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However by end November 2014 (latest stats from DECC):-

- Nationally 72,494 dwellings received External Wall Insulation (EWI) via ECO
- In Stockton 1,456 dwellings received EWI via ECO
- This is 2.0% of national total



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Going Forward:-

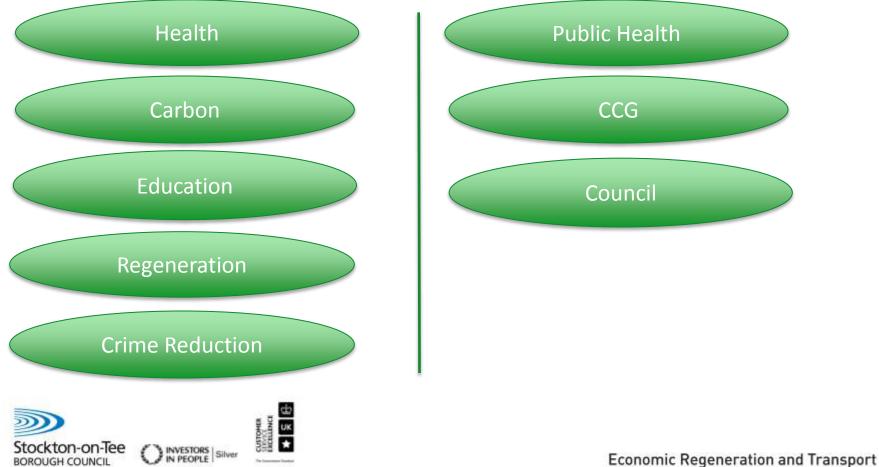
- Programme of 866 properties, targeted to most deprived areas;
- Funding via Eon and SBC;
- Rationale based around the wider benefits of the project not carbon !



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Stockton Model

Shared Inputs = Shared Outcomes



Short film:

https://www.youtube.com/watch?v=8WE75Cv5R0Q&feature=youtu.be



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