



# Energy Efficiency in Stockton

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



Stockton-on-Tees  
BOROUGH COUNCIL



INVESTORS  
IN PEOPLE | Silver



Economic Regeneration and Transport

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



# 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.

# Evaluation

- 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

# 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.

# The Interim Findings

## 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.

# Before



# After





# Energy Company Obligation (ECO)

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.

# Energy Company Obligation (ECO)

Not so Good News:-

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



# Energy Company Obligation (ECO)

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

# Energy Company Obligation (ECO)

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 !

# Stockton Model

Shared Inputs = Shared Outcomes

Health

Carbon

Education

Regeneration

Crime Reduction

Public Health

CCG

Council

# Energy Company Obligation (ECO)

Short film:

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



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