

Evaluating support for local authorities to deliver sustainable communities

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Today:

Our approach to impact assessments

Methodology to determine CO₂ savings

Holy grail; attribution of CO₂ savings

Confidence in data; limiting risks

Summing up; our rationale

EST and Databuild's approach

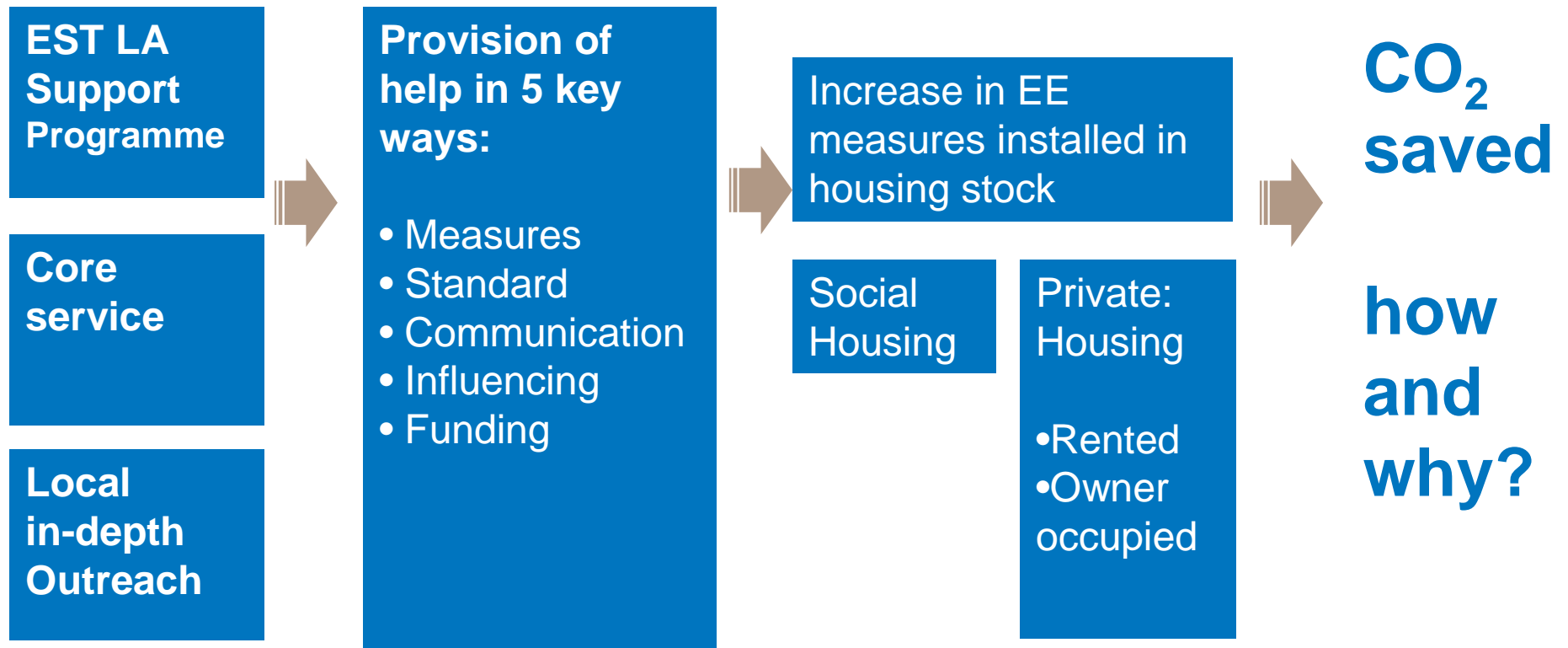
Impact assessments

- Demand for CO₂ impact
- Our response is
 - Pragmatic and cost effective approach
 - Social research survey approach
 - Respondent attribution

Determining the impact delivered through Local Authorities as a result of EST's Local Authority Support Programme

LA Support Programme Logic

Provision of free, impartial advice and support to help LAs improve the EE of the housing stock in their communities



Evaluation Objectives:

- Assess the CO₂ emission saving impact
- Assess EST's value; how and why?

Methodology:

- Social research approach
- Primary fieldwork collecting empirical evidence
- Survey approach

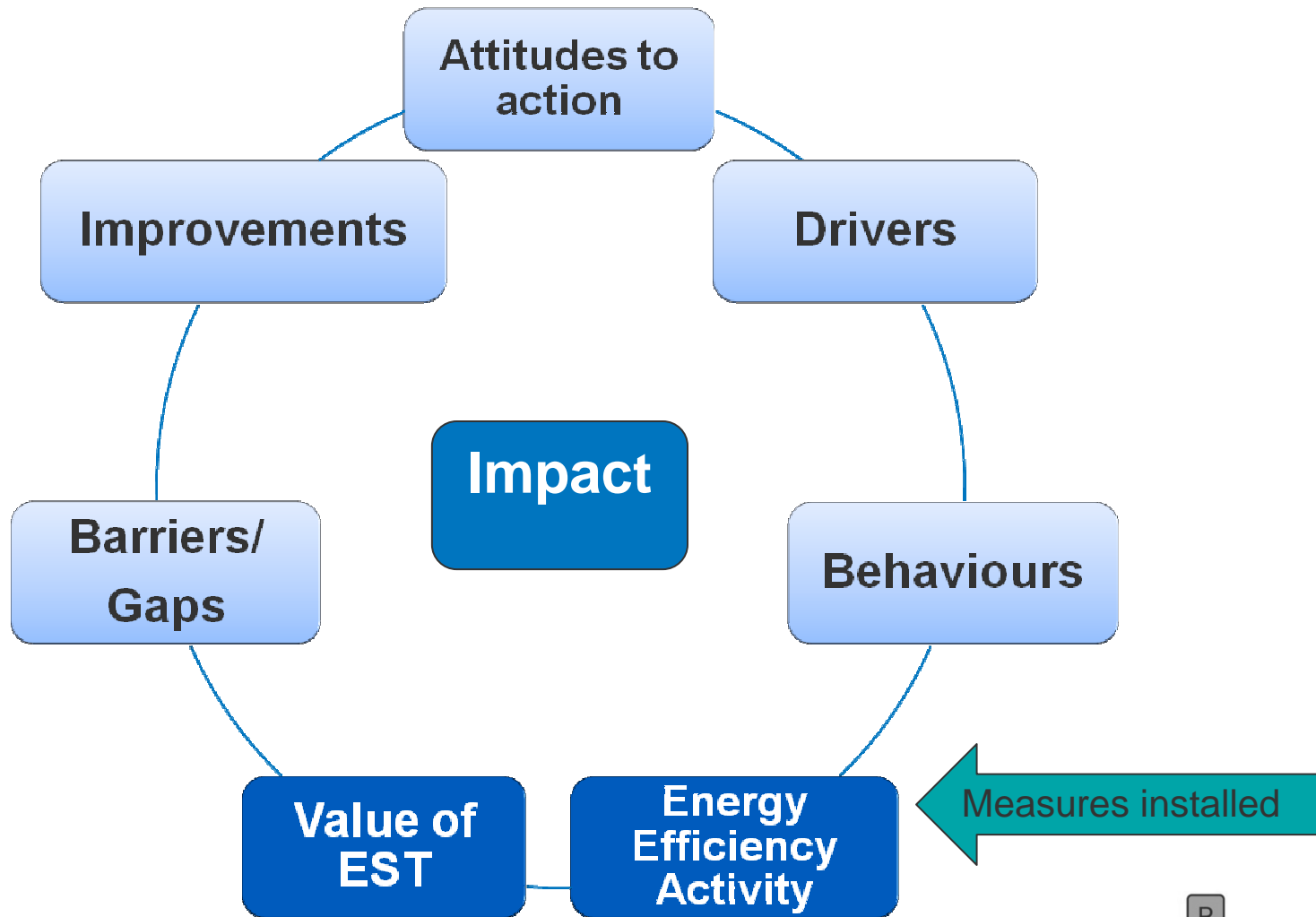
Quantitative research

Large representative survey of LAs in the UK, England, Scotland, Wales and NI

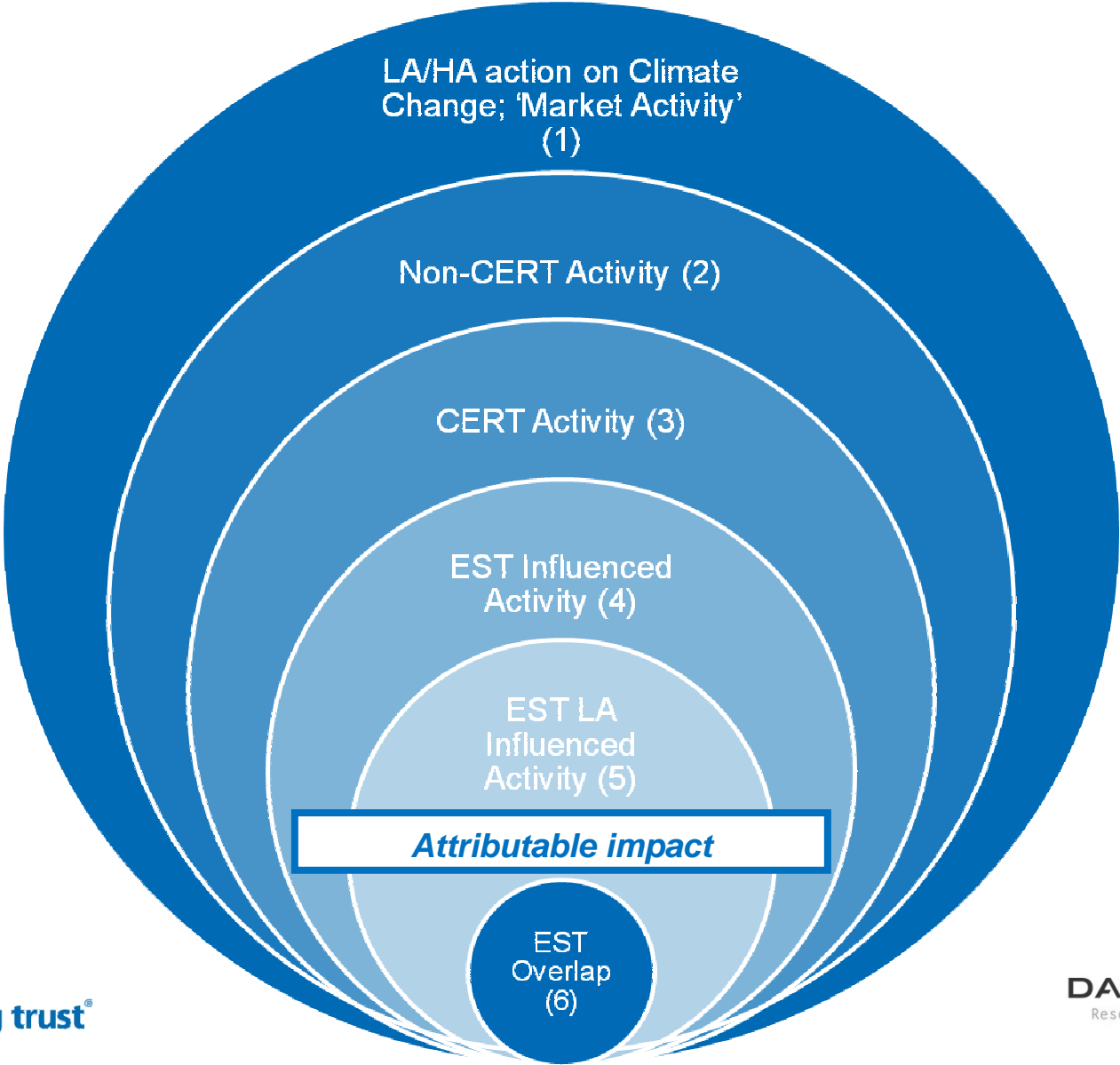
Qualitative research

- In-depth, telephone and face to face
- Paired Interviews

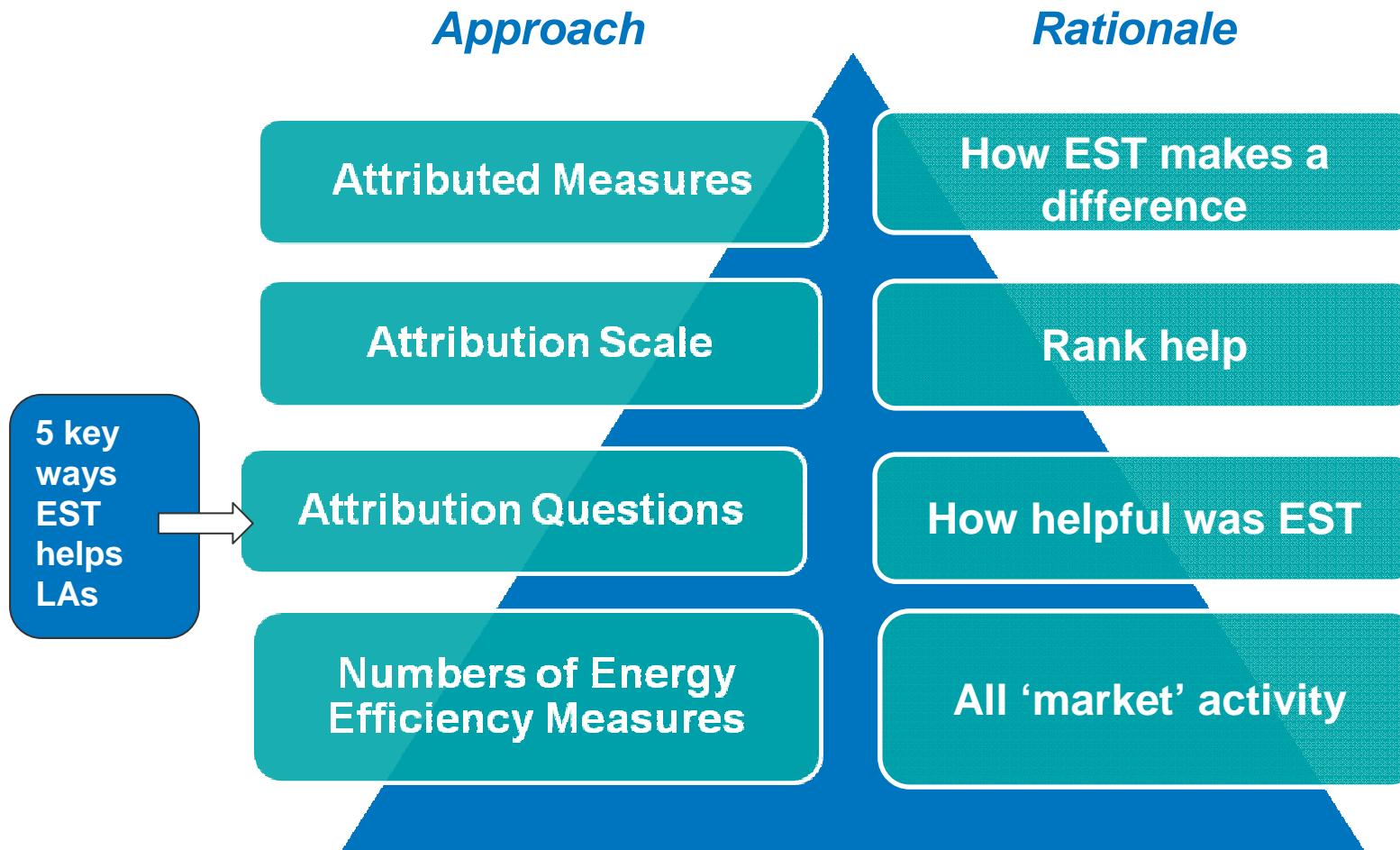
Methodology



Isolating EST's influence

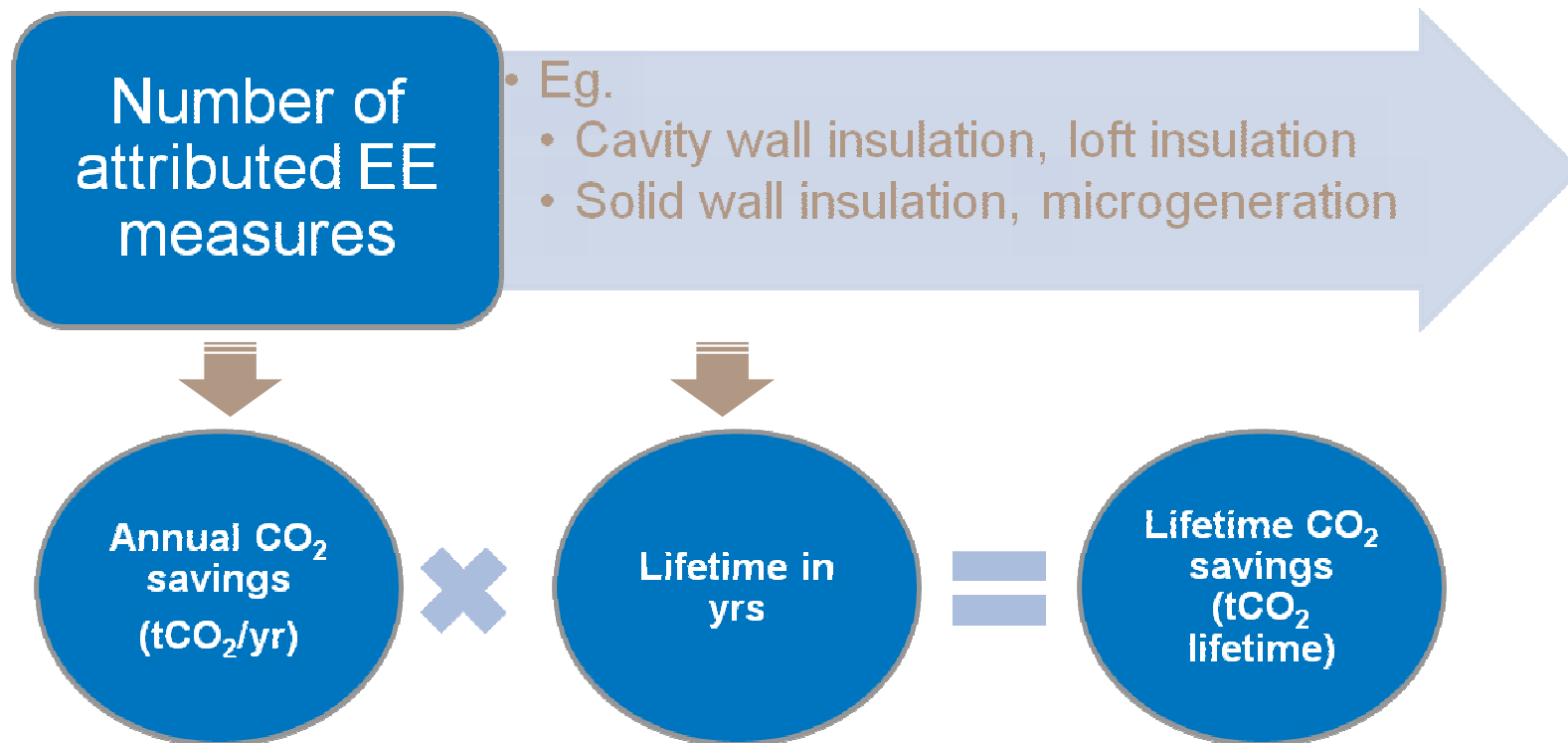


Respondent Attribution



Estimating CO2 savings

Application of standardised estimated savings associated with each energy efficiency measure



Limiting risks

Limitations to all methodologies

- Non representative samples, bias, grossing up errors
- Overlap and Over-claim

Verification of impact

- Benchmark against market and other research data
- Put into context with qualitative survey research
- Peer review - Programme Team's perceptions
- Additional research to verify data or fill knowledge gaps

**CO₂ results are part of the 'evidence suite'; not the only.
Informed decisions should be made using all available evidence**

Use of findings

TREND

Decrease in social housing and increase in private sector housing

RESPONSE

Operational

- Guides on how to install solid wall insulation in HTT homes

Strategical

- Embed CC strategy including how to tackle HTT

Rationale

Why we do it this way

Responding to the demand for CO₂ impact assessment

- 5 year's experience - refinement of methodology
- Evidence of the level of market activity
- Evidence of how EST makes a difference
- Respondent attribution
- Bottom up approach testing programme logic and assumptions
- Quantitative and qualitative evidence
- Limit risks by verifying against market data

**Pragmatic, cost effective approach to assessing
EST's impact through local authorities**

Contacts

Full Paper:

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