DECARBONISING HEAT IN OUR COMMUNITIES
Shoreham, Kent

Sevenoaks 008E

- Region type: LSOA
- Rural-Urban: E1
- Properties: 645
- Non-gas properties: 85.4%
- Fuel poverty: 10.9%
- Claimant count: 12
- LM. deprivation: 15.7
- ECO eligible: No

Distances from gas grid:

- <20m: 41
- <30m: 18
- <500m: 135
- <2km: 548
- All: 551

Central heating:

- Electric: 101
- Multiple: 40
- None: 60
- Oil: 205
- Other: 11
- Solid: 13

Aquifer water potential discharge area

Energy Centre

Aquifer extraction 1

Aquifer extraction 2

Aquifer extraction 3

Aquifer extraction 4

Aquifer extraction 5

Aquifer extraction 6

Aquifer extraction 7

Aquifer extraction 8
Crowhurst, East Sussex

- Hilly terrain
- Large distance between properties
- Local grid constraints
- Small, conservative community
- Metrics: IRR | NPV | Cashflow
Economic issues

- Housing density
- Asset life
- Heat Supply agreement (term, price and consumer appetite)
- Funding mechanisms
- Permissions and permits / Grid constraints
- Thermal efficiency of homes (end cost to consumer)
- Subsidy support
Funding

Community bond + grant
Local Authority/Share offer + grant
Private investment Consortia + grant
QUESTIONS?

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