



KensaUtilities

A KENSA GROUP COMPANY

Lisa Treseder Director of Business Development



European Union
European Regional
Development Fund



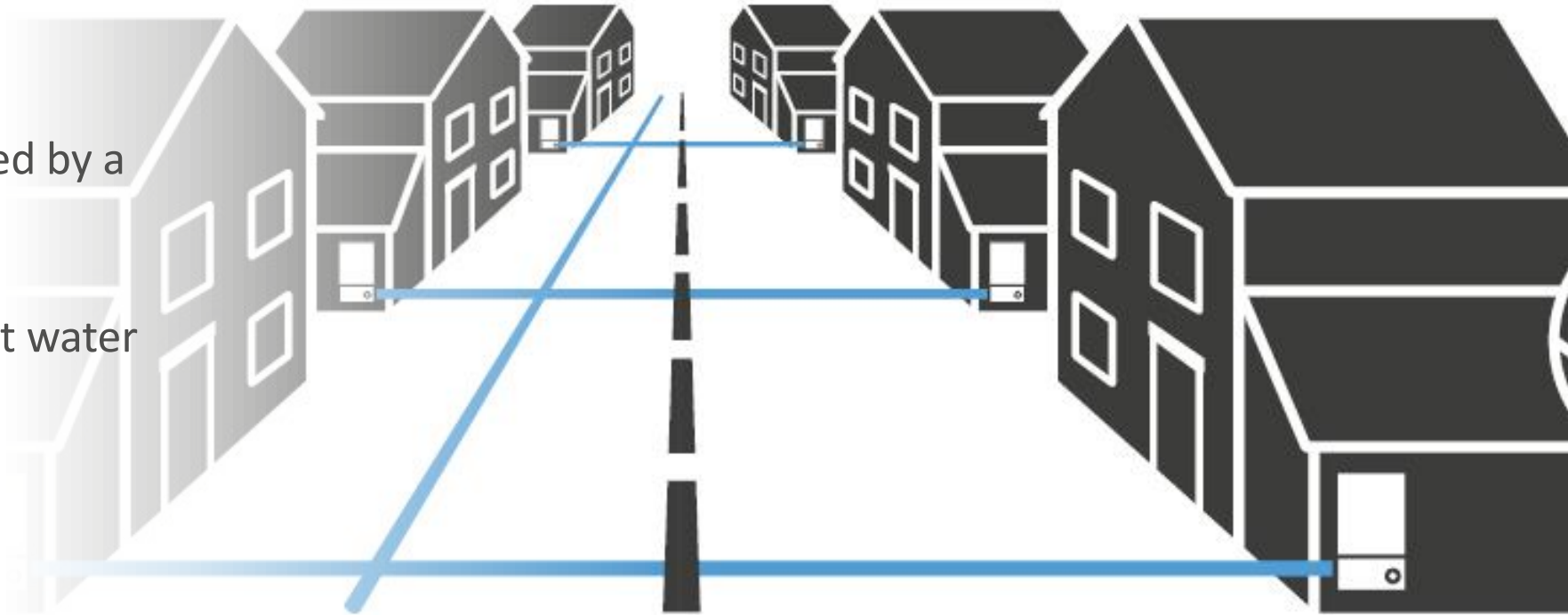


35% shareholder



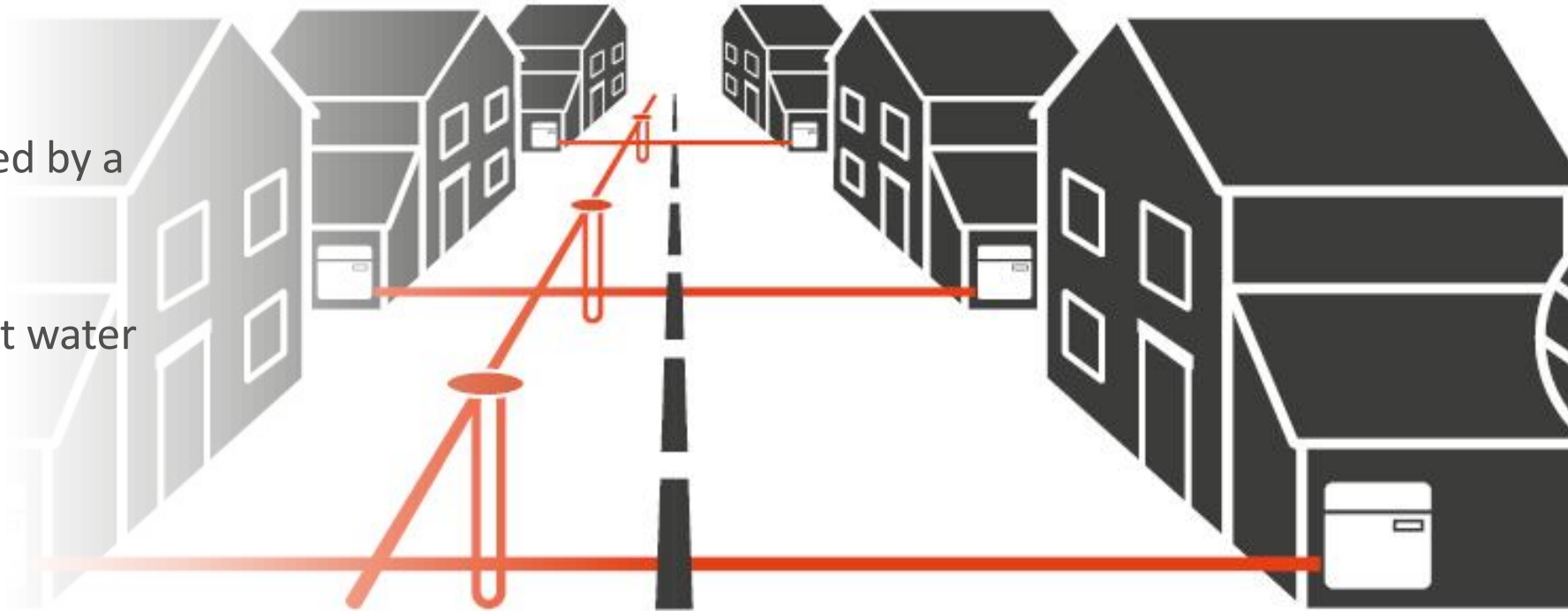
Gas grid today

- Pipes in the ground owned by a utility company
- White box in the house providing heating and hot water
- Monthly bill for:
 - Metered energy use
 - Standing charge

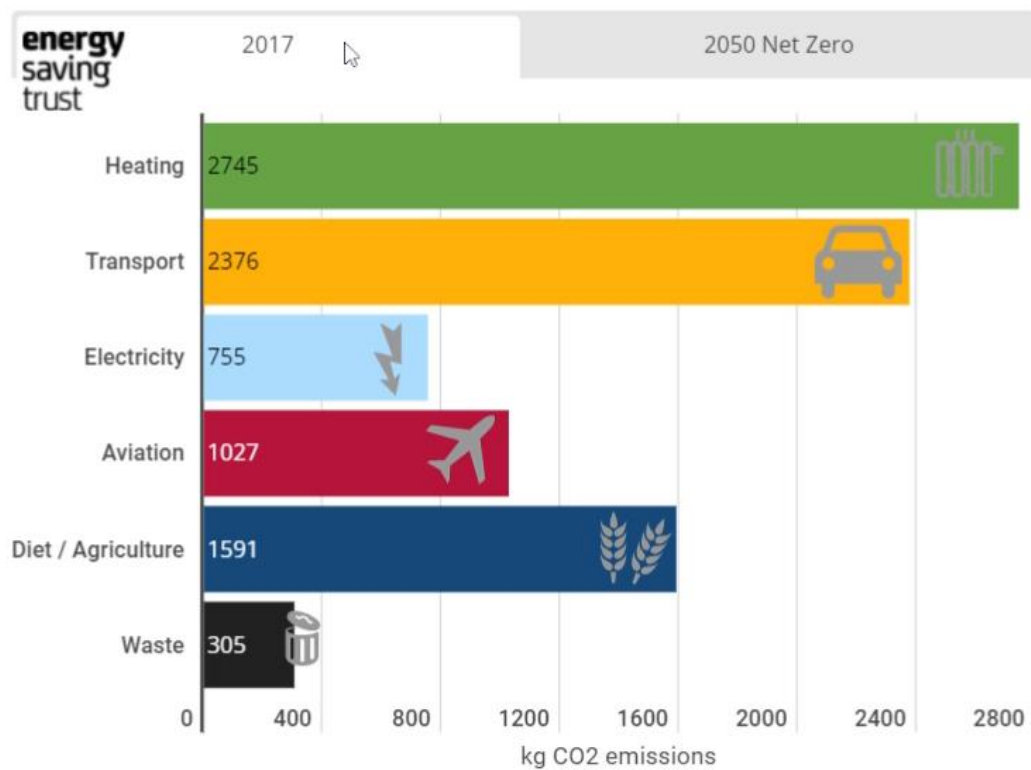


21st century equivalent

- Pipes in the ground owned by a utility company
- White box in the house providing heating and hot water
- Monthly bill for:
 - Metered energy use
 - Standing charge



The scale of the challenge



**UK average household CO₂ emissions in kg
based on Energy Systems Catapult analysis**





HENDRA CLOSE

Heat the Streets:

Demonstration of the Kensa Vision



Project aims/objectives

- Reduce carbon emissions related to heating
- Demonstrate replicability
- Demonstrate an alternative funding model
- Reduce barrier of upfront cost
- Attract investors for future projects

Community Engagement



"Our neighbour said she was keen on it...we knew about it, but you know, her saying about it as well sort of reinforced the idea."

"I read a notice and...didn't sort of give it too much thought, but then as more communications were fed through, and there were leaflets also put through my door...I became more interested."



Retrofit Installations

Project beneficiaries receive:

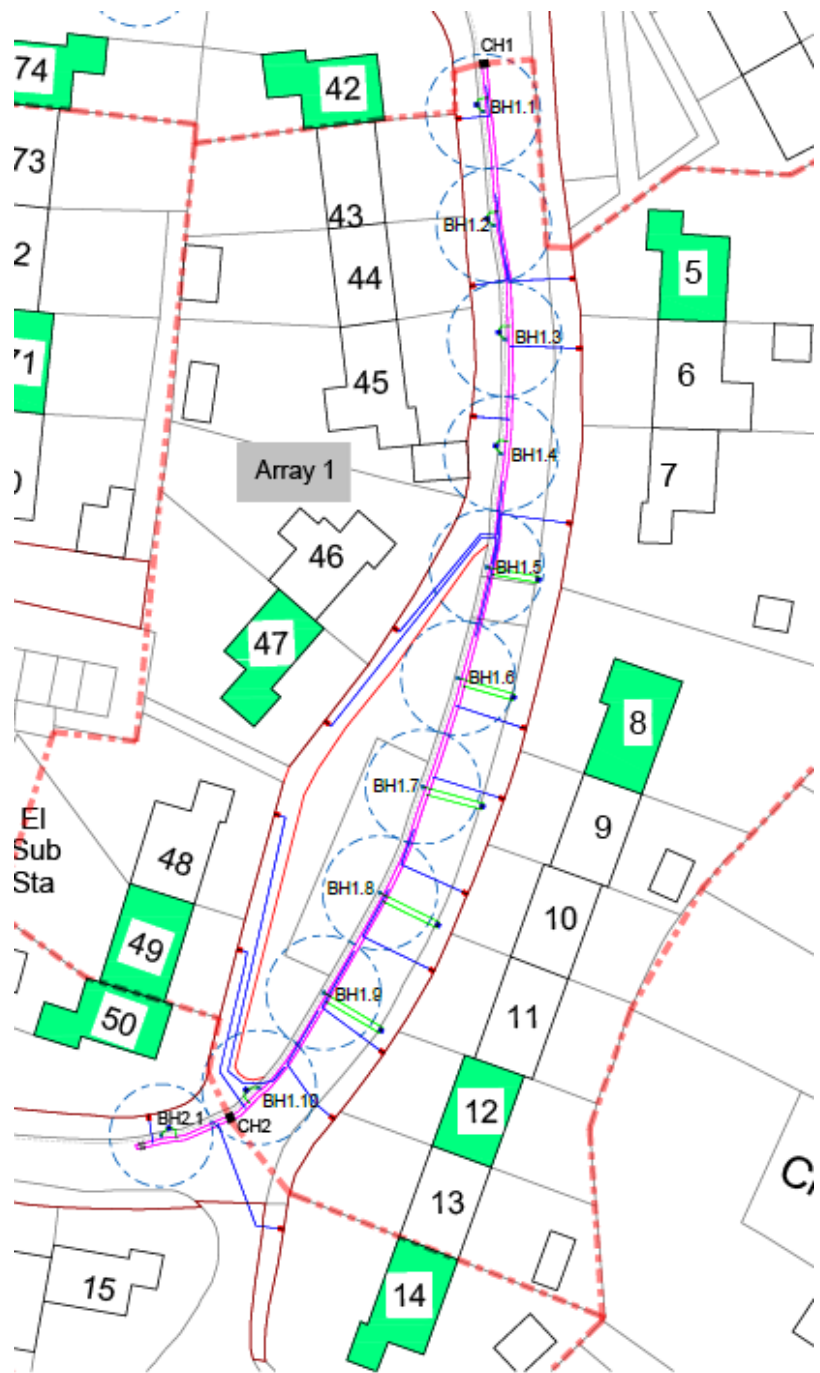
- Ground source heat pump
- New radiators
- Smart control
- Heat network connection
- New water cylinder
- A lifetime of sustainable, low carbon space heating and hot water

For £25 a month standing charge, 20 year term





World's first in-road retrofit of
networked heat pumps
Providing a solution for
decarbonisation of urban areas
with little green infrastructure



Outcomes

- 100 heat pumps installed across 5 sites in Cornwall
- 70% reduction in carbon emissions
- Suite of legal documents created
- Registration with Heat Trust
- Weekly requests for further community projects
- Positive feedback from residents
- High profile media coverage for Kensa
- Since starting Heat the Streets our funded offer for new-build developments has been made commercially available

