Future heating seminar

Chair - Ashley Bateson
CIBSE Homes for the Future Group
The recent national heating strategy and policy review, issued by the previous government in 2013, was ambitious about promoting low carbon heating. Driven by target to reduce UK greenhouse gas emissions by 80% by 2050, relative to 1990 levels, and vision to increase use of renewable heat sources.
Space heating and hot water represents approx. 75% of the energy use of existing UK housing stock.
The number of district heating installations has increased rapidly in the UK in recent years

Planning and local authority policies have been key drivers, however district heating still represents a small proportion of domestic heating systems (less than 5%). (By comparison 55% of domestic heating in Sweden is served by district heating and in Germany and Austrian it is about 15%)

Chart 15: Growth in heat networks in the UK

Source: Databuild
Options for future heating strategies include:

- Gas-fire boilers
- CHP & district heating
- Heat pumps
- Direct electric heating
- Renewable sources

We need to consider impacts on infrastructure, environmental impact, comfort, cost, and user control…
Speakers

1. **Phil Jones** - Chair of the CIBSE CHP/District Heating Group
2. **Barny Evans** - WSP Parsons Brinkerhoff
3. **Huw Blackwell** - London Borough of Islington
4. **Susan May** - Affinity Sutton