The Future of Heat

Delivering a decarbonised heating system: recommendations to government

1 November 2023
Objectives

- support sustainable economic growth across all regions of the UK
- improve competitiveness
- improve quality of life
- support climate resilience and the transition to net zero carbon emissions by 2050
Key messages for government

Infrastructure policy guided by a set of core principles

- Staying power
- Removing barriers
- Improving policy
- Devolution
- Fewer, but bigger and faster
- Adaptive planning

Infrastructure policy guided by a set of core principles.
Addressing emissions from heating buildings

Reducing emissions from buildings by around 50 per cent by the mid 2030s
Electrifying heat through heat pumps

Policy currently falling short and we’re lagging behind European neighbours
Closing the cost gap
Policies to address both the upfront capital and running cost of lower carbon alternatives
Managing increased electricity demand

Total energy demand will fall, but our electricity system must be scaled up.