

TESSA CLARK
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Background

- Ambitious heat decarbonisation targets in Scotland
- Heat pumps have a much higher upfront cost compared to gas boilers
- Need to understand:
 - Possible financing solutions
 - Appetite in Scotland for these
- Research based on:
 - LCP Delta's Heating Business Research Service
 - Desk-based research
 - Stakeholder interviews
 - Internal analysis





Options for purchasing a heat pump

Heat-as-a-**Subscription** Pay upfront Finance lease **Finance** Service Greater complexity Monthly payments Customer owns product Provider owns product Bundles in maintenance and checks Energy tariff >> agreed temp.



Current offers and uptake

Pay upfront **Finance**

Vast majority of

customers

Home Energy Scotland loan

Number of commercial providers

Finance lease

Subscription

Heat-as-a-**Service**







Little available – especially HaaS

More across Europe but still limited – Germany, Denmark

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HPOS was considered appealing overall

- Drive demand in volume
- Provide bundled installation and maintenance
- Manage perceived risk of unknown technology

Many companies already engaged

But concerns & barriers to overcome

- Subscriptions are more expensive
- Contractual aspects: credit agreements etc
- Consumer protection / vulnerable customers
- Limited finance providers
- Customer interest in not owning product?
- Guarantees of system performance, comfort, ongoing servicing and maintenance





Recommendations to Scottish Government

- Design a pilot scheme build off previous stages
- Test customer interest
 - Bundling design, installation and maintenance
 - Monthly payment plans
 - Ownership of product customer / provider
 - Interest of different customer groups

Pilot 1
Finance and maintenance

Pilot 2
Finance,
maintenance and
energy tariff

Pilot 3
Subscription and maintenance

Contact us





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