

Domestic ground-source heat pumps: 2050 modelling and what it means for today

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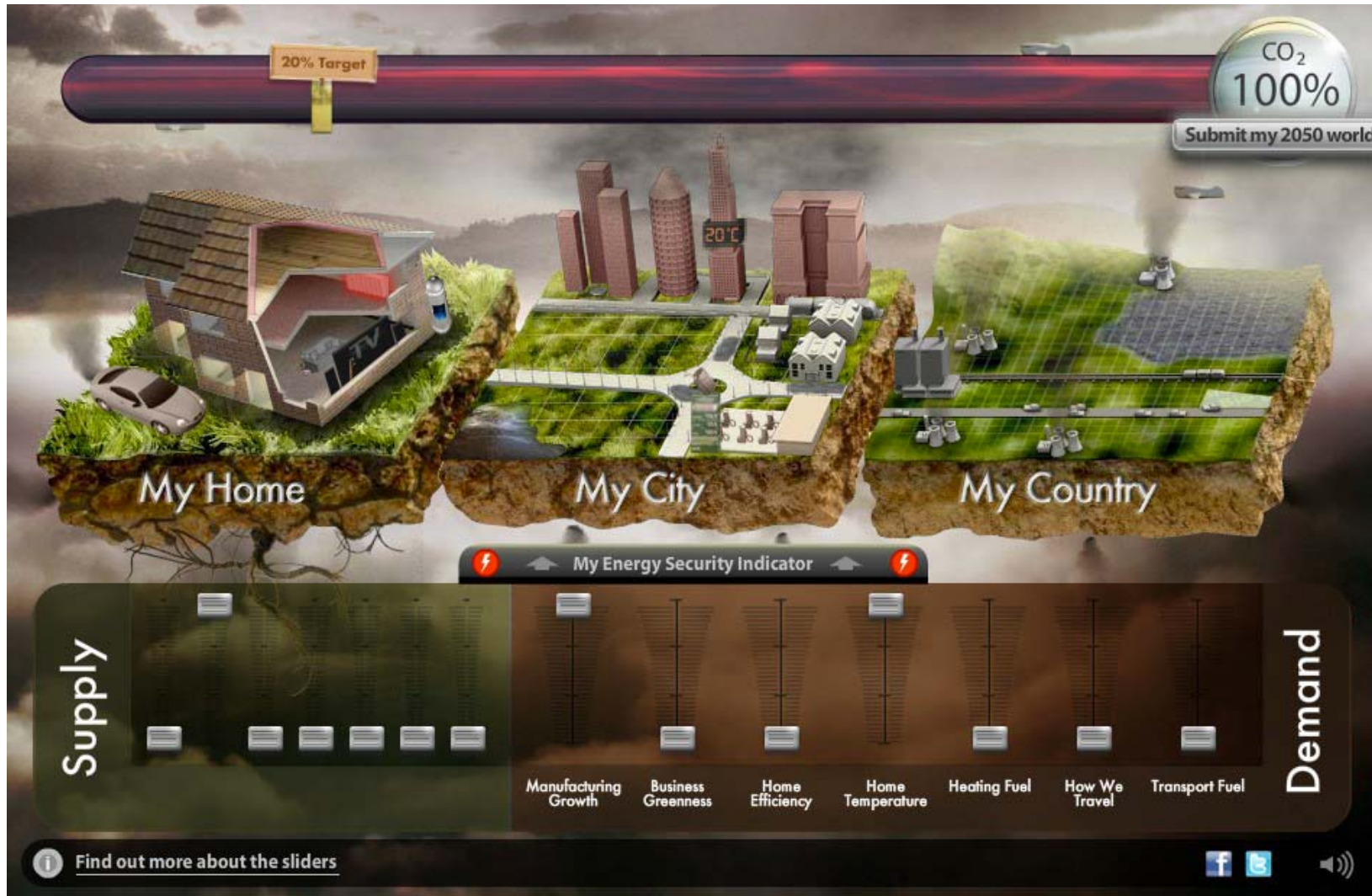
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- DECC's 2050 modelling
- Possible heat pump market penetration
- EST field trial data
- Experience from Europe
- RHPP progress

DECC's latest 2050 publication: My2050



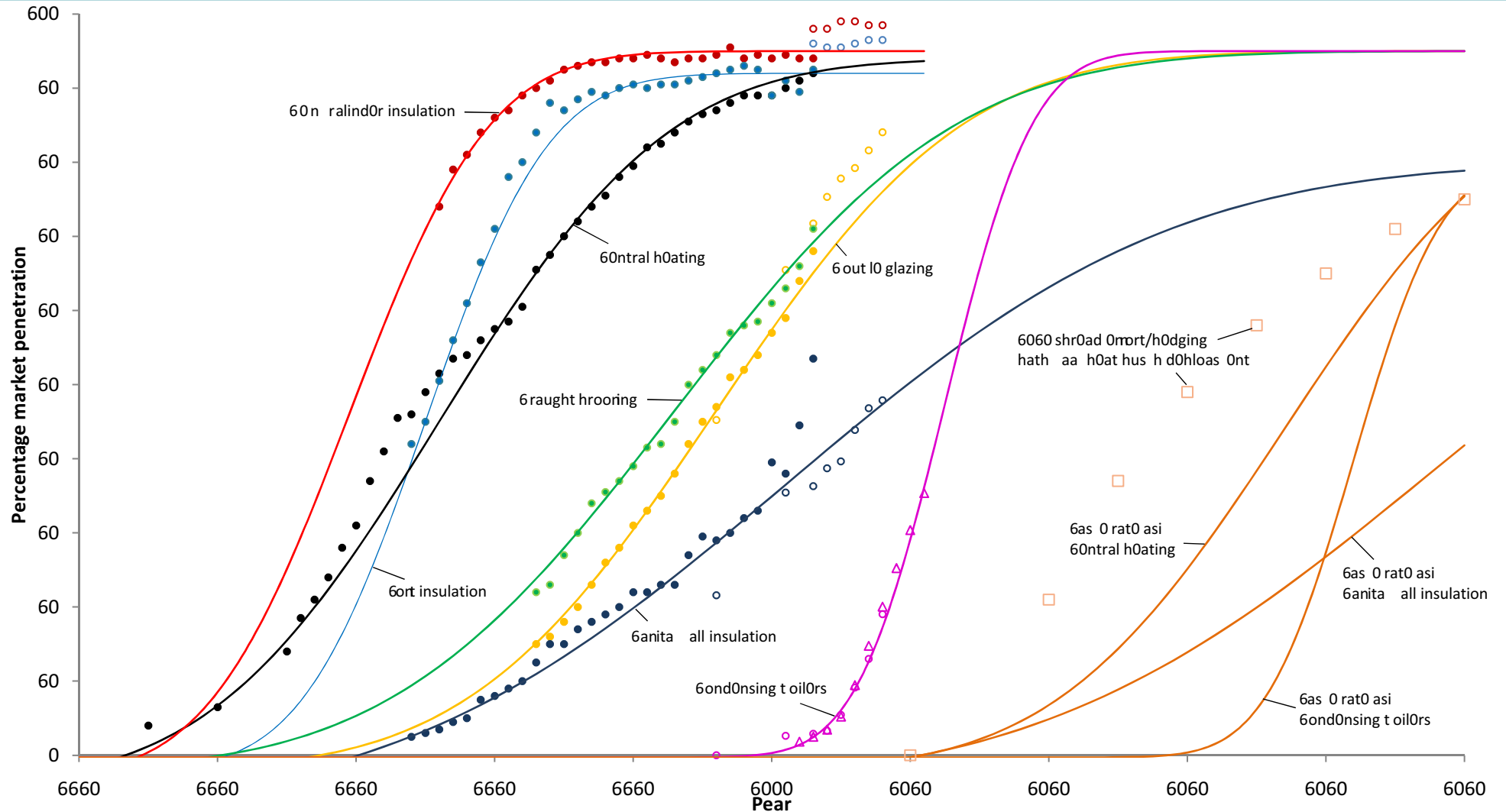
DECC's latest 2050 publication: My2050



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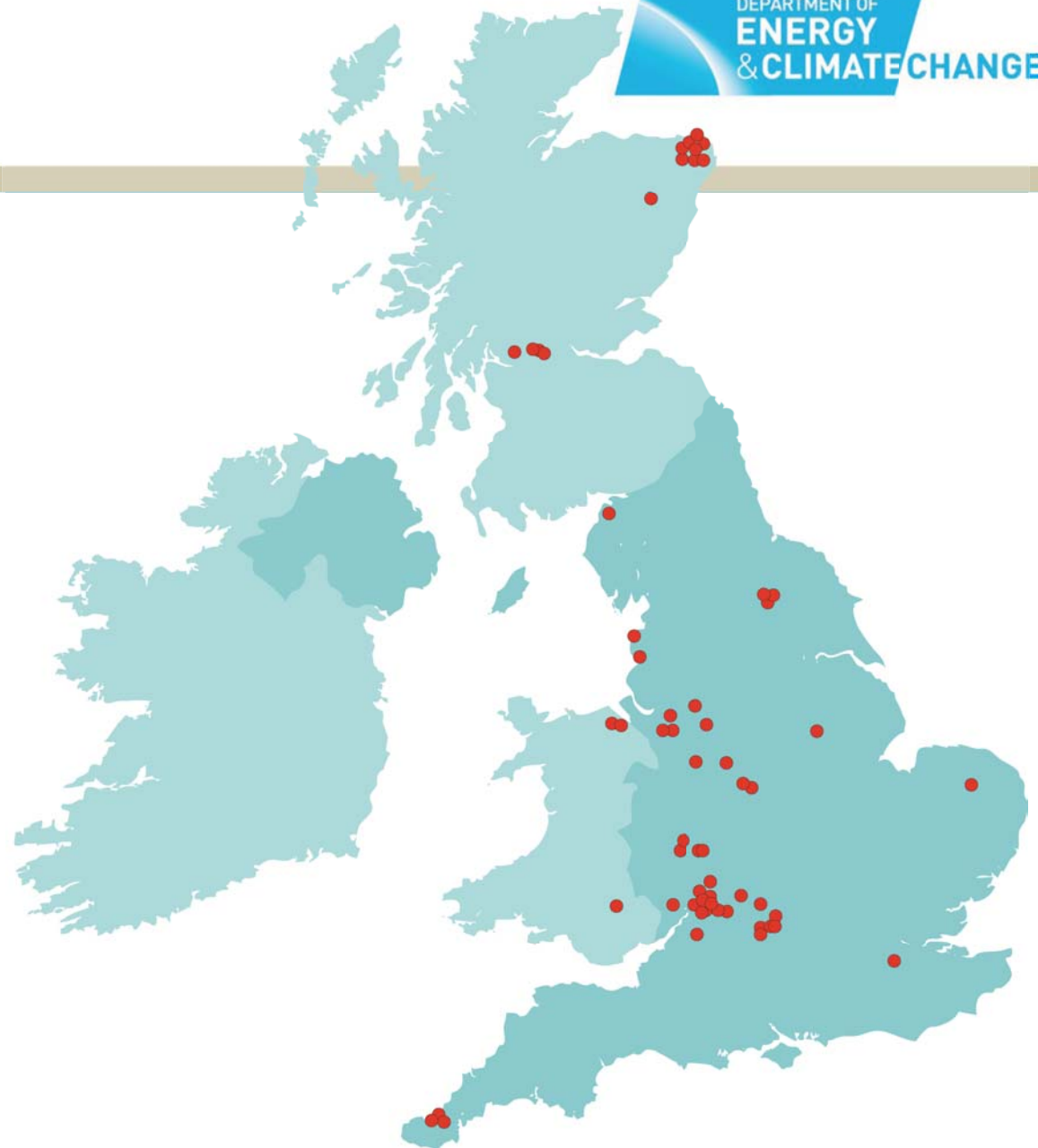


How long might it take to reach 75% penetration of heat pumps?

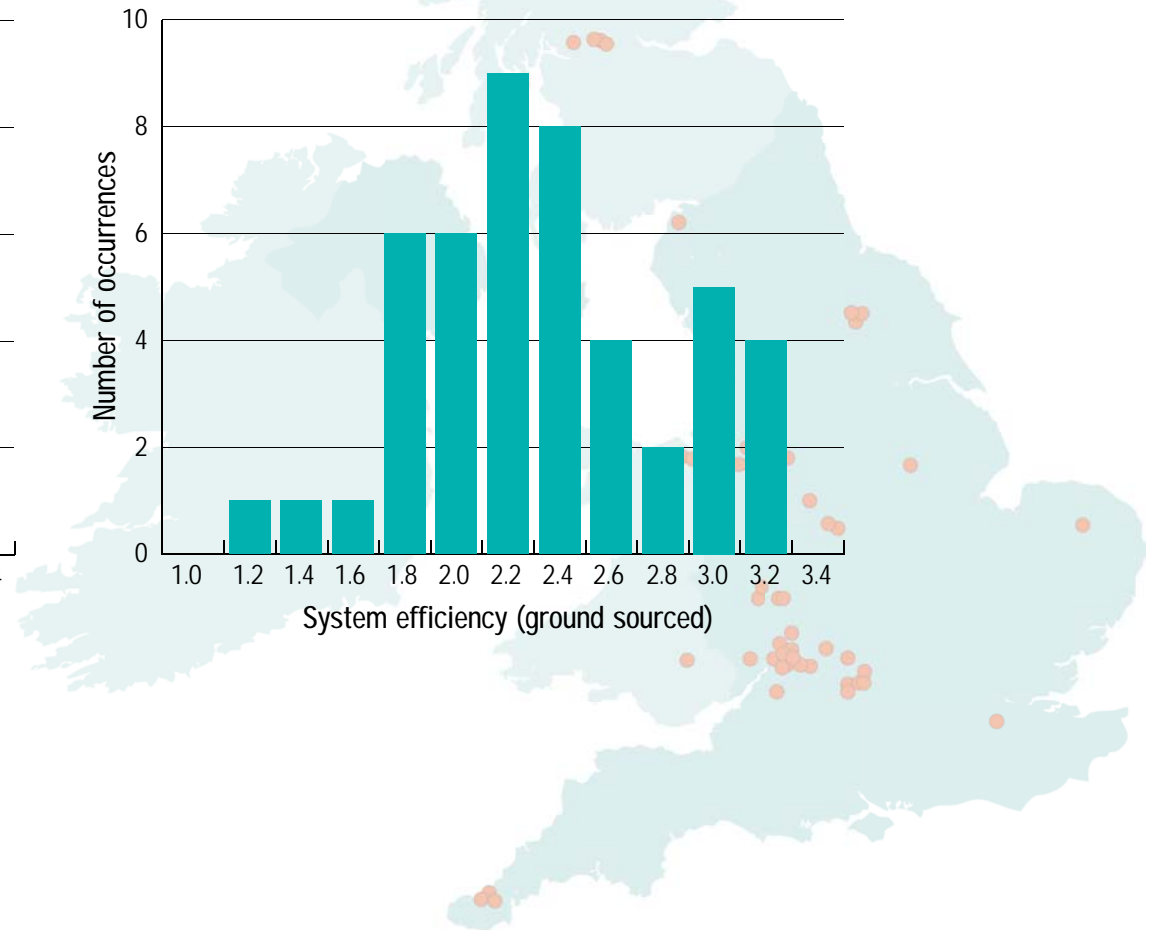
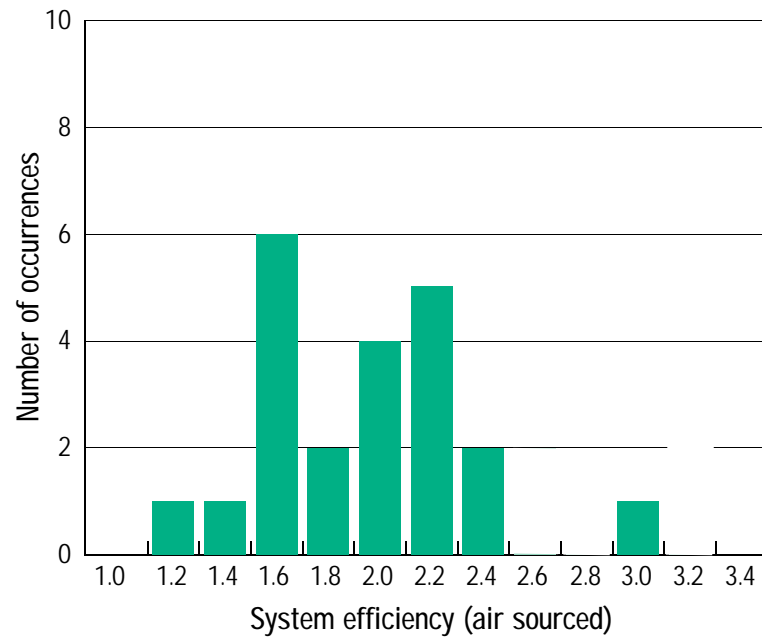


Updated after data produced by Prof. Dennis Loveday. "Market penetration of energy-efficiency related measures" (2003)

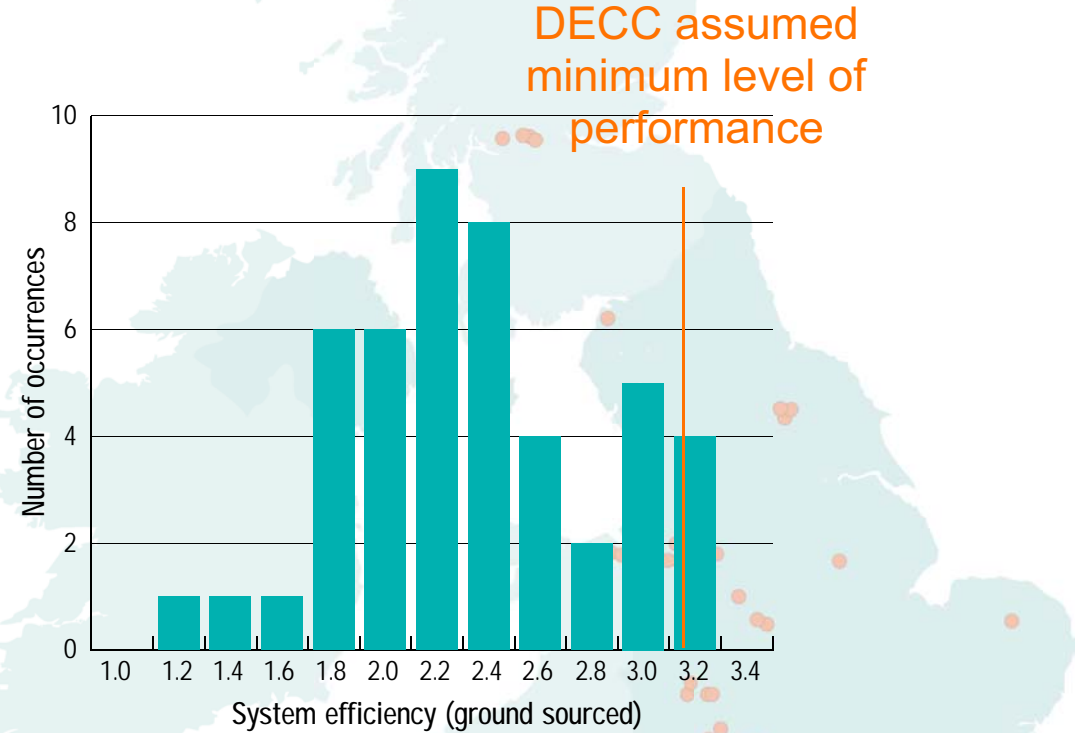
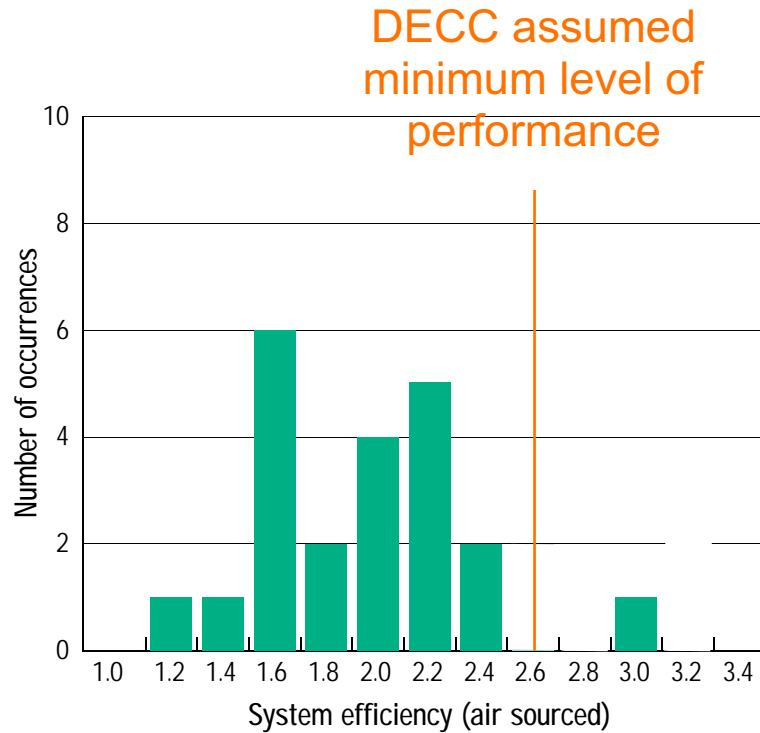
Data in the public domain



Data in the public domain



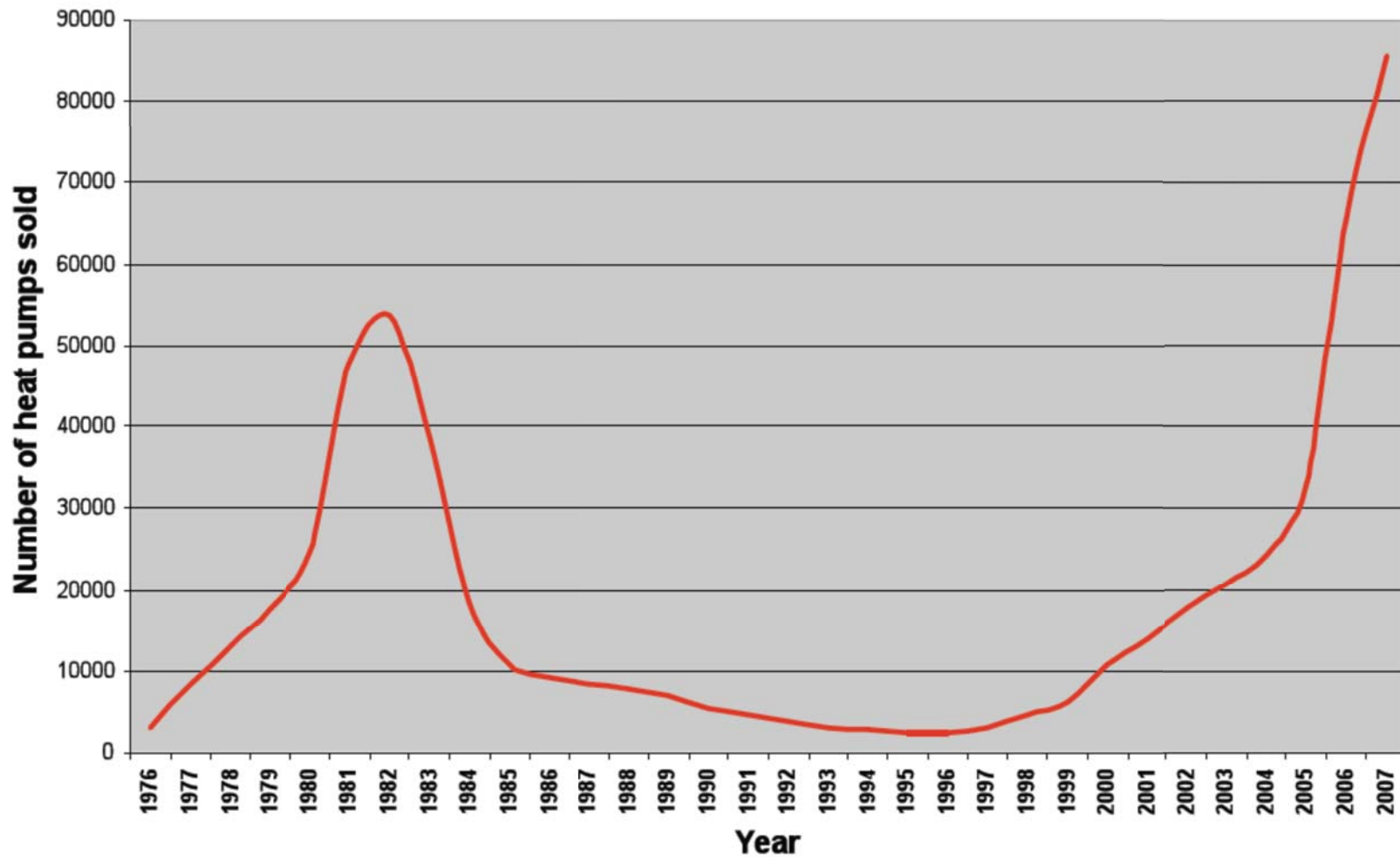
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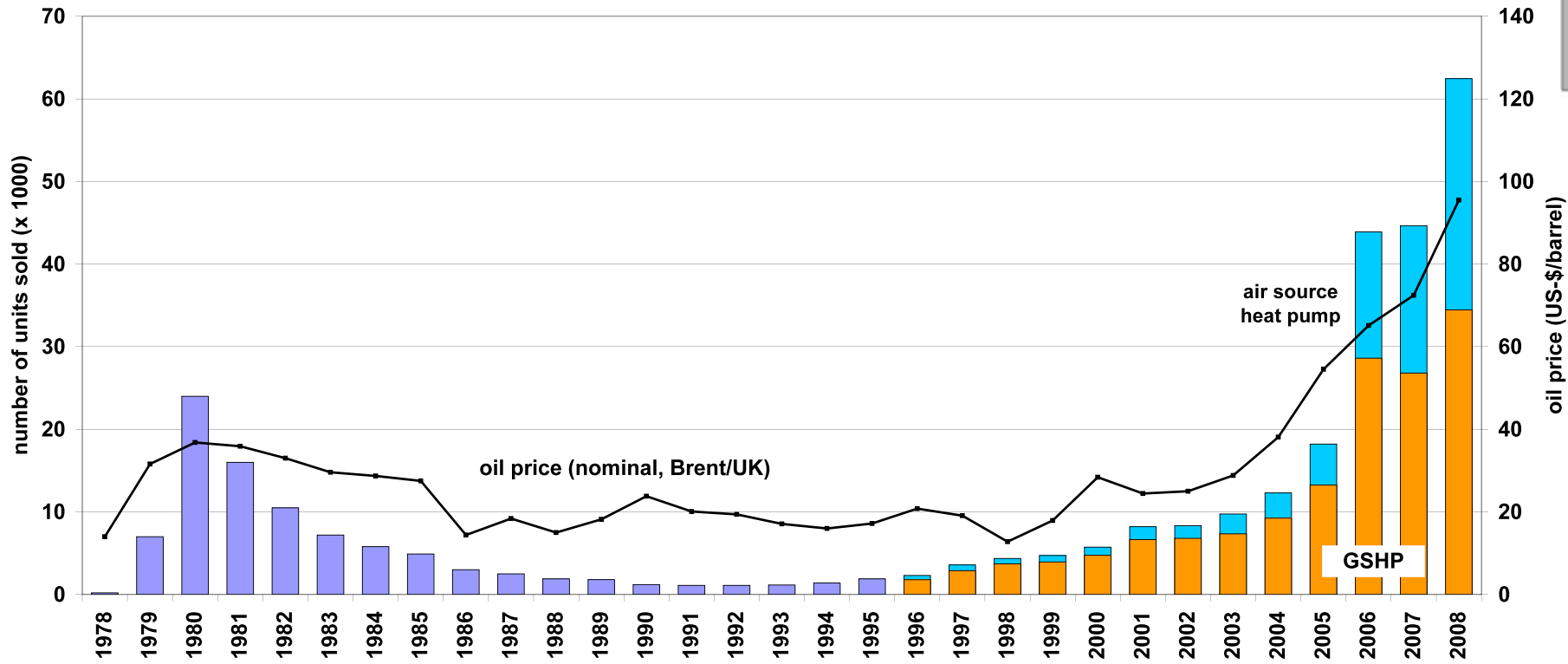
- DECC assumed performance is not unreasonable but not historically achieved in practice

Major risks...

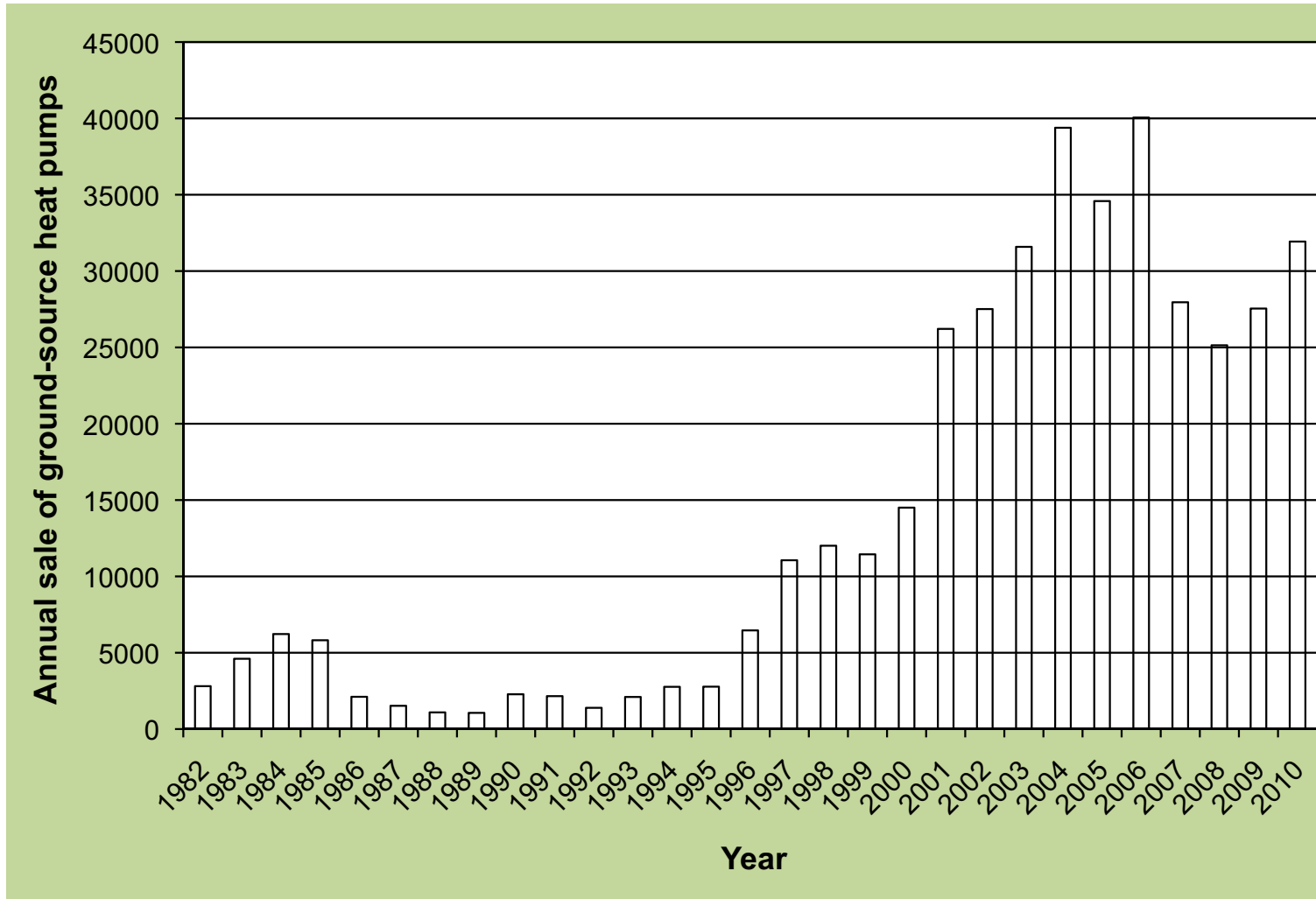
Experience from France, Sweden and Germany



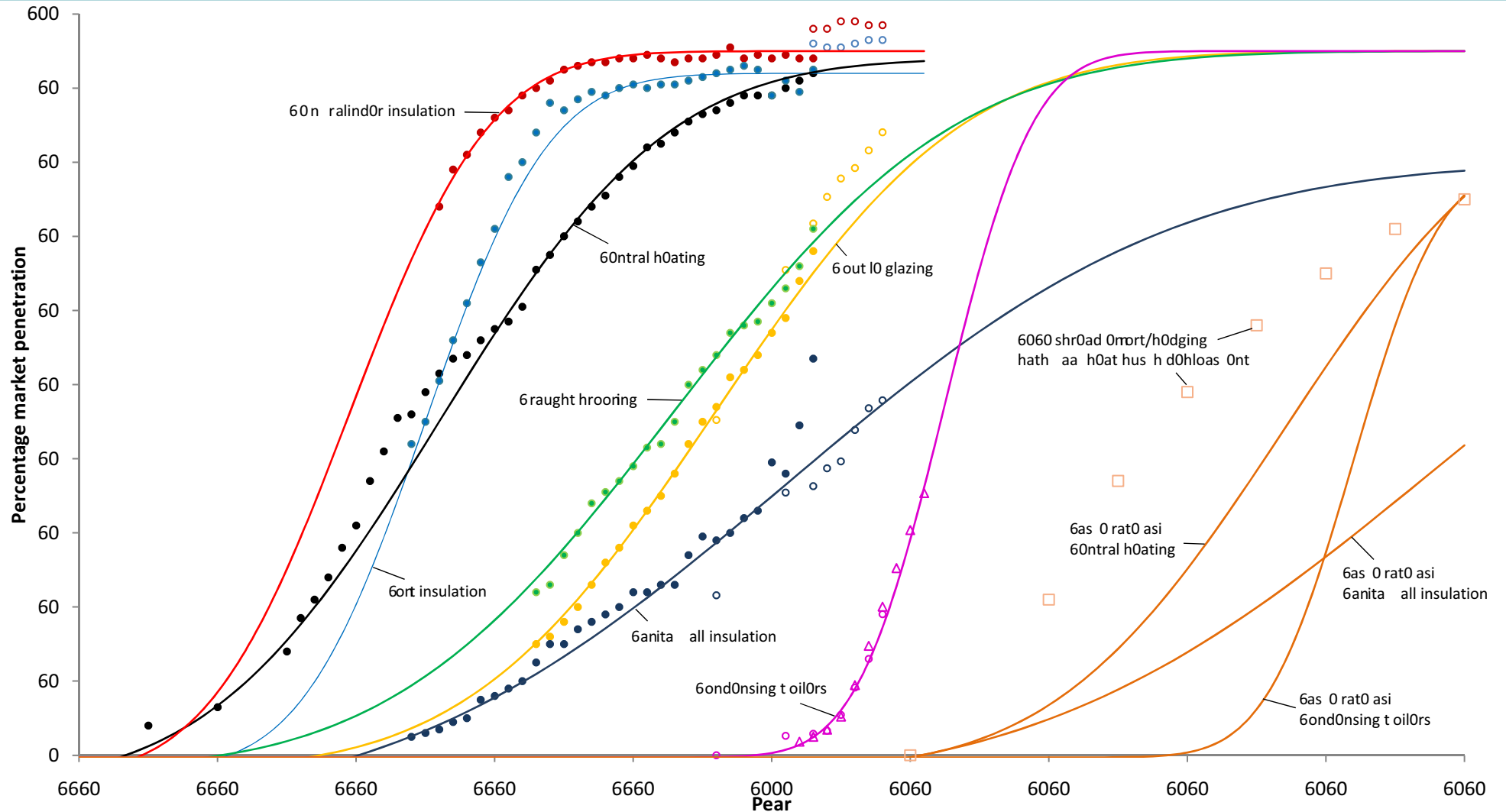
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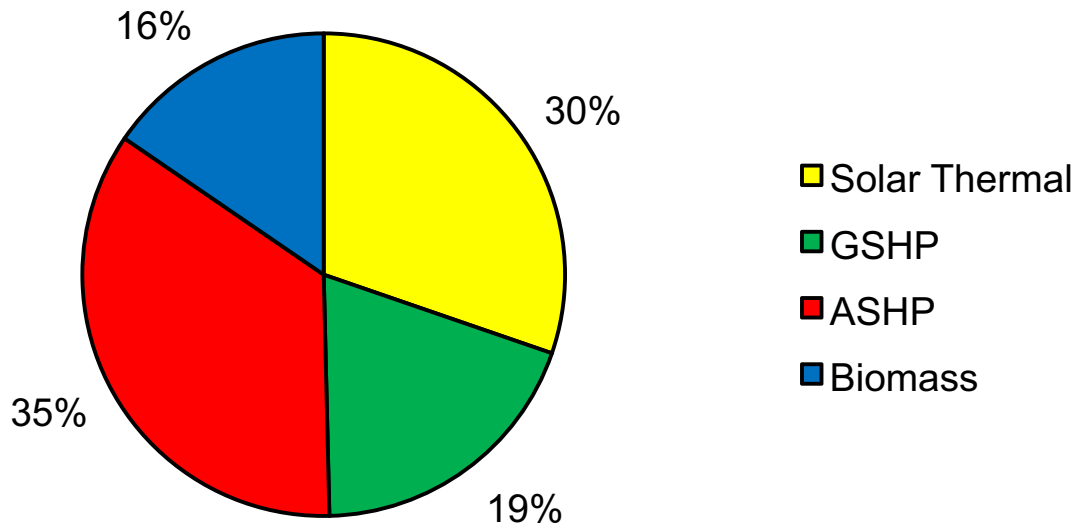


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On 4 September: 1463 vouchers issued

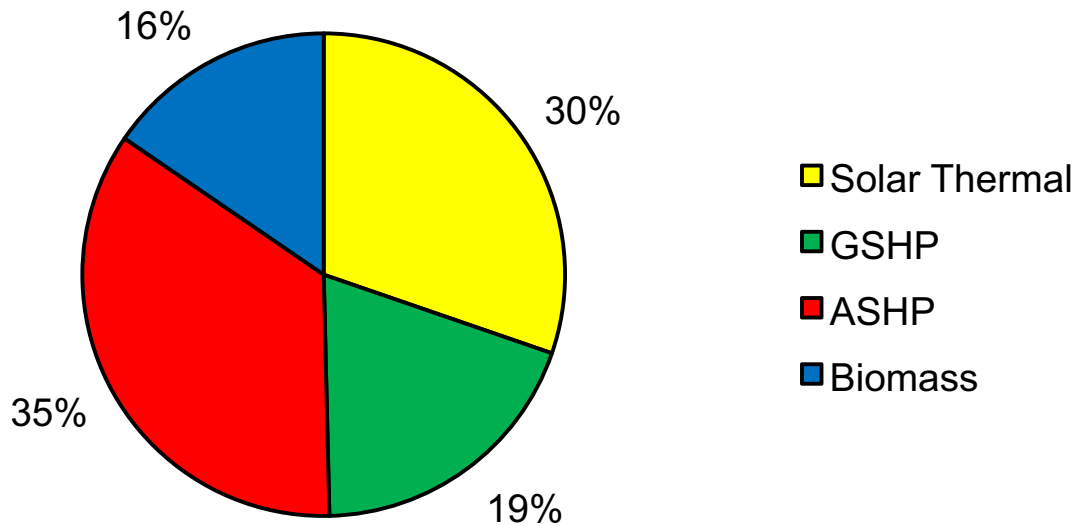
On 4 September: 1463 vouchers issued

By technology

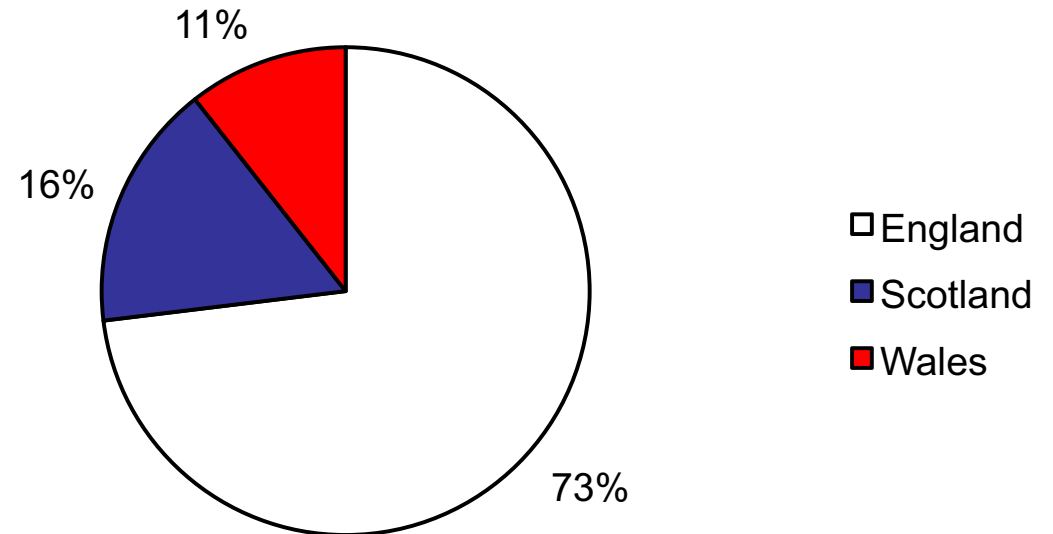


On 4 September: 1463 vouchers issued

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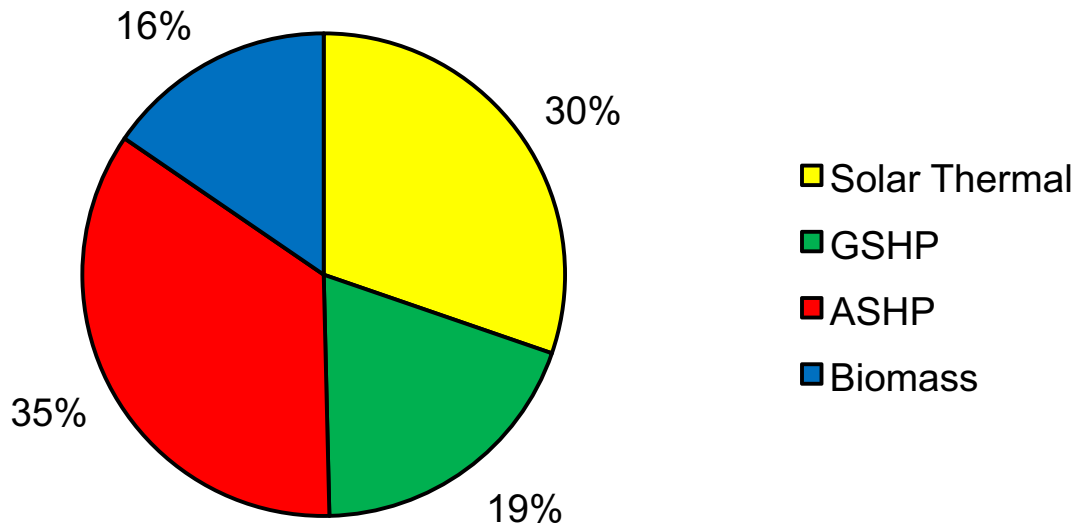


By country

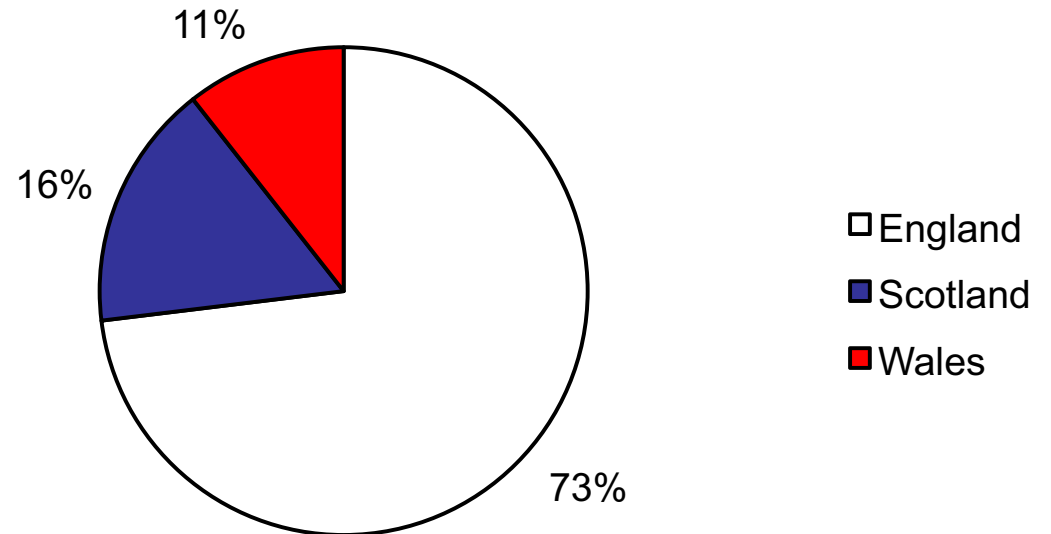


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By country



Government paying for monitoring of up to 1,000 systems

Questions?

- Of £15m in the programme, we have put aside £3m for a programme to support social housing
- Competition closed on 15th September
- Panel assessment at end of September
- Successful bids will be informed in late September/early October