

# UK National Initiatives GAS HEAT PUMPS WORKSHOP

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**British Gas**   
Looking after your world

# Three key questions?

1. What's the potential in the UK?
2. What's happening in the UK?
3. What needed for market growth in the UK?

# What's the potential in the UK?

- UK there is probably Europe's best market for GAHP
- Given quality of our gas grid and number of customer connections and current population of boilers
  - 26m homes
  - 21m on gas grid
  - 16m have central heating

# What's happening in the UK?

British Gas the UK's largest gas and electricity supplier

- **Strategic imperative** - for more efficient heating appliances
- **GAHP opportunity** - fill the gaps where electric heat pumps cannot
- **UK's largest installation** in Glasgow in 6 tower blocks at Toryglen
- **Joined the successful FP7 consortium** and are looking forwards to installing a trial domestic GAHP.
- **Helping to de-carbonise the gas grid** by the Gas to grid injection projects

# What needed for Gas heat pump growth in the UK?

## Given the current price premium!

Recognise GAHP's as a renewable technology in the same way electric heat pumps

Include into:-

- **Domestic RHI** due Q4 2012 and **current commercial RHI** announced 28<sup>th</sup> Nov 2011
- **Supplier Obligations** - CERT
  - CESP
  - ECO which will replace CERT and CESP

**Carbon trust list of Energy Efficient products** - Enhanced capital allowances and IFC loans

- **SAP and BREEAM** calculation for New build
- A measure to **qualify for percentage Renewables on new build** constructions
- **Green Deal** (with a golden rule uplift)
- **Permitted Development** - Enable install in the UK without pre planning approval

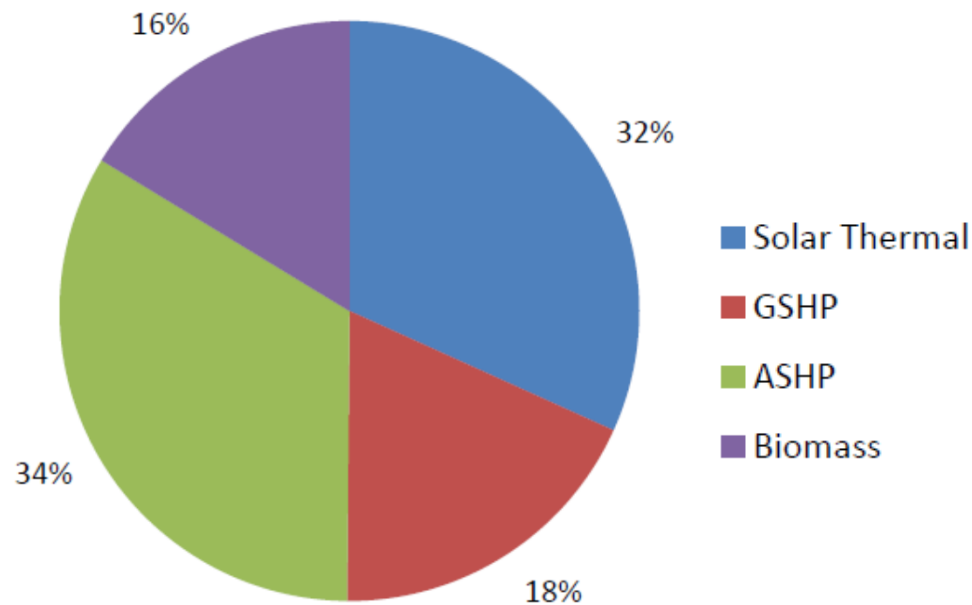
**Green Deal and ECO consultations were issued last week so time is of the essence in this key ask**

# Renewable Heat Premium Payment in place prior to domestic RHI

Scheme runs from 1<sup>st</sup> August 2011 to 31<sup>st</sup> March 2012

Statistics as at 9th October 2011  
Total number of vouchers issued 2,226  
Value of vouchers issued £1,703,150

## Vouchers Issued by Technology



| Technology                              | Voucher Value |
|---|---------------|
| Solar Thermal Hot Water                 | £300          |
| Air Source Heat Pump                    | £850          |
| Ground Source or Water Source Heat Pump | £1250         |
| Biomass boiler                          | £950          |