

# Berneslai Homes Approach to Renewable Heating Technologies

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# Berneslai Homes Approach to Renewable Heating Technologies

## BACKGROUND

Almo formed in 2002

Manage 19,000 properties for BMBC

Construction Services 2005

PRIP Contract:- CS 2/3rds Kier 1/3rd

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# Barneslai Homes Approach to Renewable Heating Technologies

Decent Homes complete 2010

Barnsley Homes Standard Programme

950 Dwellings per annum.

One Off Replacement Budget: £350,000

322 Solid Fuel Properties

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# Berneslai Homes Approach to Renewable Heating Technologies

Aspiration:

In 2012 Berneslai Homes had an aspiration to stop fitting fossil fueled heating by the end of 2015

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# Berneslai Homes Approach to Renewable Heating Technologies

Biomass

Ground Source Heat Pumps

Air Source Heat Pumps

Infra Red Heating

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# Berneslai Homes Approach to Renewable Heating Technologies

## Ground Source Heat Pumps

Replacing District Heating

Individual Heat Meters

6 No. Sheltered Housing Schemes

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# Berneslai Homes Approach to Renewable Heating Technologies

## Why Air Source Heat Pumps?

### BMBC Home Efficiency Strategy 2011-2015:

- Seek opportunities to reduce the carbon footprint of the housing stock
- Continue to improve the housing stock & reduce heat loss
- Look to introduce alternatives to fossil fueled energy
- Strive to reduce fuel poverty amongst our tenants

# Berneslai Homes Approach to Renewable Heating Technologies

## Why Air Source Heat Pumps?

- Based on current housing stock client believed this type of heating can offer most potential to meet objectives.
- Construction Services have the base skills and resources to install this technology.
- Berneslai Homes are fully committed to development of staff to help deliver new technologies.



# Berneslai Homes Approach to Renewable Heating Technologies

## Our Journey So Far

- We became MCS Accredited to Supply, Design and Install Air Source Heat Pumps in 2012.
- Trained our in house Gas Engineer .
- Trialled different methods of installing Air Source Heat Pumps.

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# Berneslai Homes Approach to Renewable Heating Technologies

## Our Journey So Far

289 Fitted to date

300 Programmed for 2015/16

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# Berneslai Homes Approach to Renewable Heating Technologies

Learning Points:

- a) Property Suitability
- b) Planning/MCS Compliance
- c) Credit Meter Issues
- d) Tenant Education
- e) DNO

# Berneslai Homes Approach to Renewable Heating Technologies

Benefits:

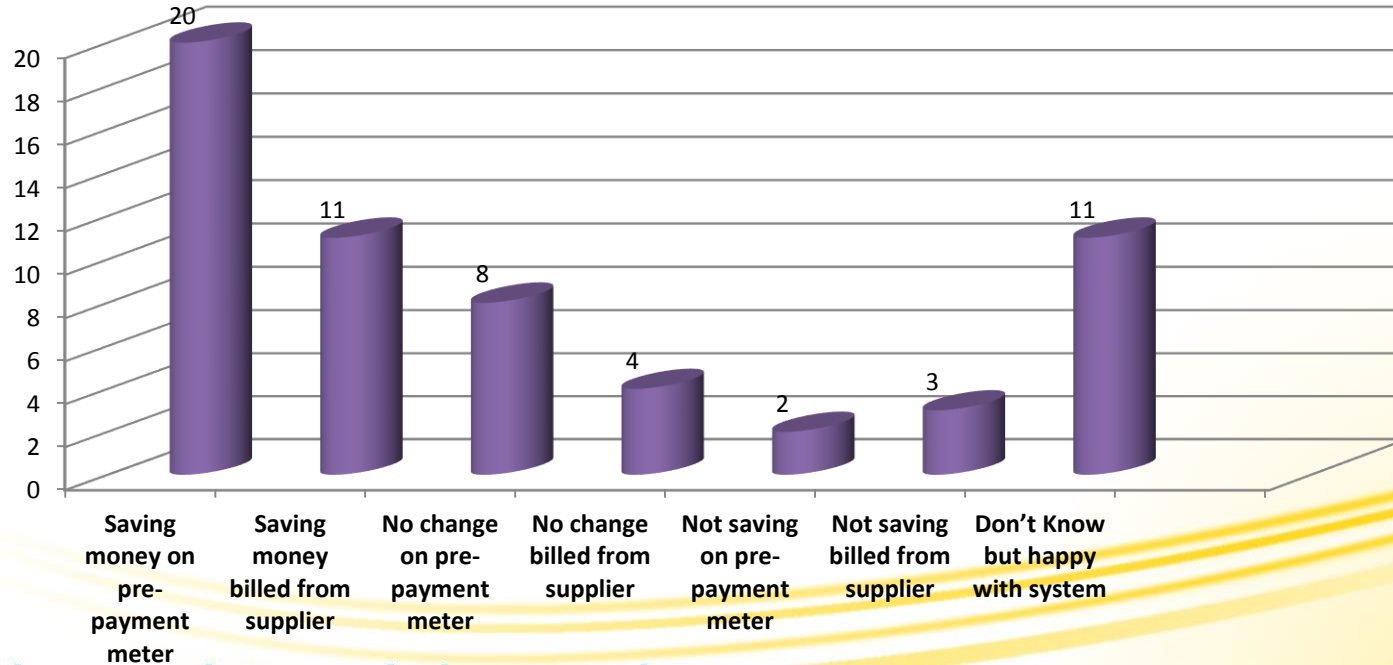
- RHI
- Lower long term maintenance
- Staff Development
- Fuel Poverty

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## Number of Tenants returned information (60)

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# Berneslai Homes Approach to Renewable Heating Technologies

## INFRA RED TECHNOLOGY

Trialed in one property

Where ASHP not suitable

Low Installation Cost??

No feedback on fuel bills to date

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# Berneslai Homes Approach to Renewable Heating Technologies

Thanks for Listening

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