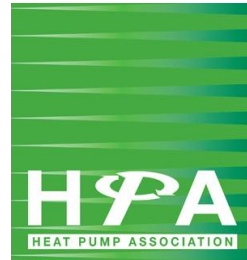


Nearer to Zero: Central London

8th July 2014



City of Westminster



Fit for the Future... or, reframing retrofit by numbers

Presented by Paul King CEO UK-GBC



BACK TO THE FUTURE

80% reduction in carbon emissions by 2050

equivalent to carbon emissions in **1850**

7 times as many people living in the UK

UNFIT FOR THE FUTURE

85% of homes and buildings in **2050**
will be ones we're living and working in today

1million deep retrofits are needed
every year by **2020** to get fit for the future

FUEL POOR

The UK has among the lowest energy prices in Europe

...but some of the highest energy bills in Europe

2.5 million households living in fuel poverty

...set to rise to **2.9** million by **2016**

THE COST OF COLD HOMES

over **31,000** excess winter deaths in

England and Wales in **2012/13**

with **1/3** attributable to cold homes

£1.36 billion cost to NHS

SAVINGS TO BE MADE

low cost insulation measures can save **40%** on heating, equivalent to **£300** every year (and rising fast...)

saving **£6 billion** nationally

ECONOMIC BENEFITS

130,000 jobs can be doubled to

260,000 - across every constituency
and many in SMEs

£1.8 billion value of exports in
2011/12 set to grow through sharing UK expertise

RETURN ON INVESTMENT

every **€1** of public funds invested in Germany

leveraged **€15** private investment

€4 returned to government in taxes and reduced welfare spending

A NATIONAL INFRASTRUCTURE PRIORITY

public investment of **£3-4 billion**
annually could deliver up to **1 million**
deep retrofits every year by 2020

...less than **10%** of UK infrastructure plan,
roughly equivalent to investment in new nuclear

ENERGY SECURITY

Cost effective energy efficiency measures could save

196TWh in 2020, equivalent to **22**
power stations

and reduce dependence on imported gas, saving the

UK **£2billion** every year

20 CAMPAIGN SUPPORTERS



Action for Warm Homes



CAMPAIGN FOR A SUSTAINABLE BUILT ENVIRONMENT

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2 KEY DRIVERS

Minimum Energy Performance standards for the
private rented sector from **2018**

energy bills set to be a General Election priority in
2015

1 INFRASTRUCTURE MINISTER

“I am extremely attracted to the idea” of reframing energy efficient retrofit as a national infrastructure priority.

Lord Deighton 2nd July



1 ENORMOUS OPPORTUNITY FOR UK PLC

