



E3G

# Home energy security strategy: the permanent solution for lower bills

BRIEFING REPORT  
Home energy security  
strategy: the permanent  
solution for lower bills



Installing solar panels on the roof of a home in Balsall Heath, UK. Photo by E3G on Flickr.

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07 Jun 2022

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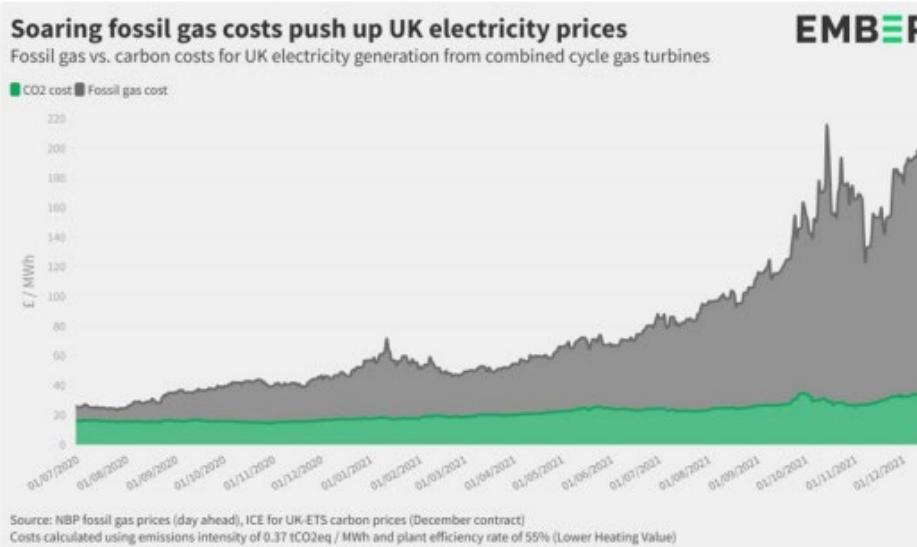
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<https://www.e3g.org/publications/the-home-energy-security-strategy-permanently-lower-uk-bills/>

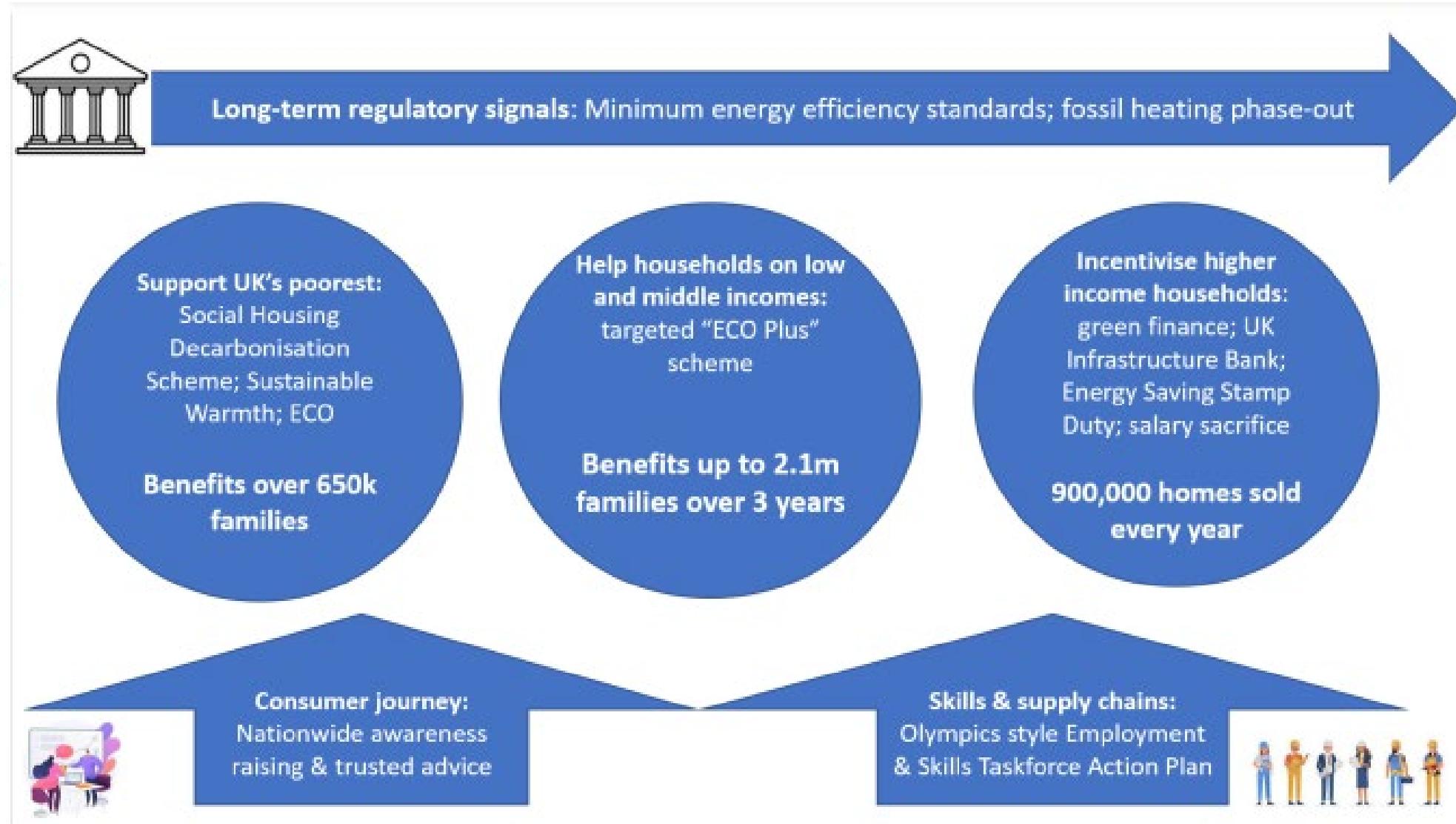
# Unprecedented times: The energy bills crisis

Our housing stock is a major factor determining how exposed families are to price shocks. The UK has the coldest and leakiest homes in Western Europe. Over 85% of our houses are connected to the gas grid. This leaves households sharply exposed to fossil price volatility.

- When the energy price cap rises in October, the average household in a home EPC D or below – at least 15.3 million households – will pay an **‘inefficiency penalty’ of £916**.
- If every home below EPC C was improved, the **aggregate bill saving would be £10.6bn** each year at today’s prices.



# What can the next Prime Minister do to address this?



# Long-term regulatory signals

- Similar to timelines for zero emission vehicles – allows households and industry to plan and invest
- Standards for new build homes
- Energy efficiency across different housing tenures
- Phasing out fossil heating systems
- Introduced as part of a wider suite of policies to ensure fairness

## Press Release

The global race towards clean, electric heating is getting hot – the UK should act fast

<https://electrifyheat.uk/press-release/race-to-clean-heat/>



# Financial support and incentives

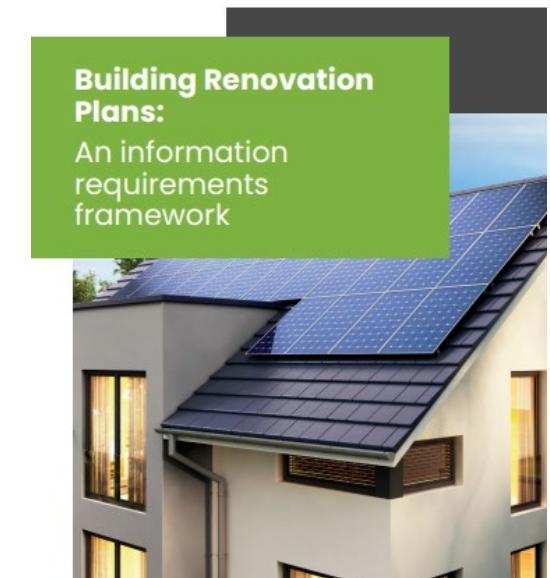
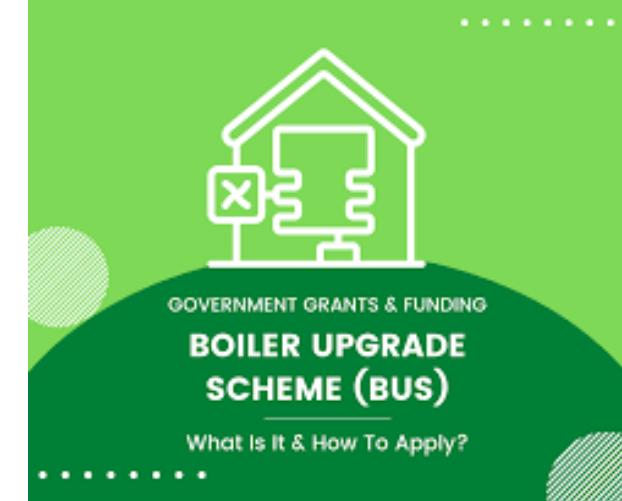


- Full, targeted support for vulnerable households – fulfilling manifesto commitments
- New, long-term energy efficiency scheme for ‘squeezed middle’
- Incentives and green finance innovation to encourage further investment from those with savings



# Supporting the consumer journey

- Nationwide awareness raising
- Tailored, trusted support and advice – including role of digital tools like building renovation plans



# Supercharging skills and supply chains

- **An Olympics style Employment and Skills Taskforce Action Plan:** Clear career pathways and underpinning qualifications developed with industry, delivered by a centre of excellence partly funded by the industry, boosted through career advice for school leavers.
- **Supporting retraining and encouraging new entrants into the heat pump market:** Supporting conditions for quality jobs and skills, which translate into high standards for consumers.



**The role of heat pumps in building a high skill, high wage economy: A race to the top for standards and jobs**



Photo courtesy of Your Energy Your Way