



Emily Braham

Energiesprong UK / Nottingham City  
Homes

# **ENERGIESPRONG 2050 ULTRA LOW HOMES**



# Funders / Organisations

*Energie  
Sprong  
uk*



Nottingham  
City Council

Supported by Horizon 2020 projects  
funded by the European Union



*Transition  
Zero*



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What is Energiesprong?

Why Energiesprong

- For Housing Organisations
- For Tenants

Cost Reduction

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# Energiesprong

## Desirable, Warm, Affordable Homes for Life



Emily Braham Energiesprong Pilots



# Why Energiesprong

- Subsidy free deep retrofit
- Costs reducing through scale
- Spend already budgeted
- Guaranteed whole life costs
- Performance guaranteed
- Focus on occupier comfort
- Issues with previous retrofits

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# For Tenants

Warm homes for the same cost or less

Look like new build

Feel like new build (or better)

Healthy living conditions



# Driving Down Cost

Non-prescriptive performance specification

Allows supply chain innovation

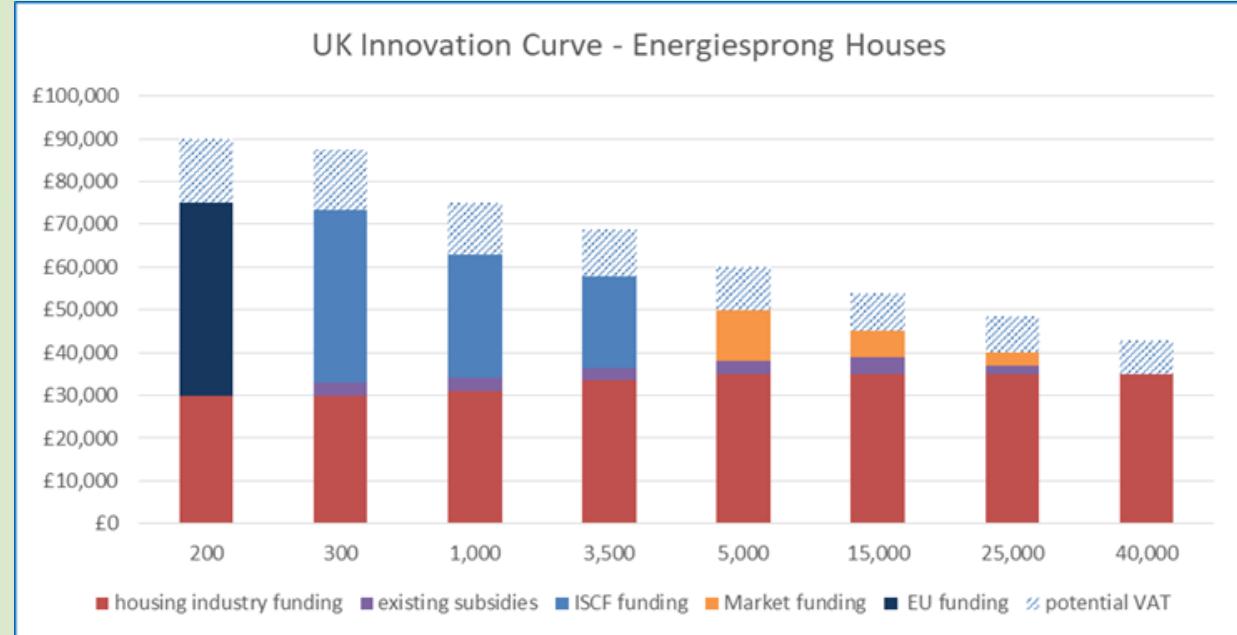
Scale

Off site manufacture

Accepting higher costs initially

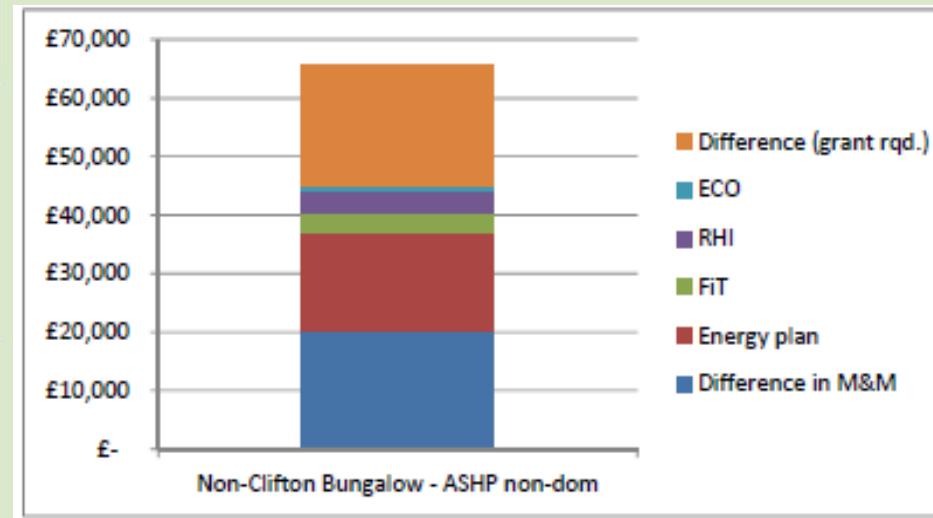


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# Business Case





# Our Project

<https://vimeo.com/248462547>



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**BY&FORCITIZENS**  
European Conference on Smart,  
Sustainable and Resilient Cities

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# Next steps

More pilots & scale up projects  
Closing gap between investment envelope & cost

- Scale of consistent demand
- Supply chain capacity & cost reduction
- Policy Changes



Emily Braham/ Energiesprong UK

**THANK YOU FOR YOUR ATTENTION!**