



Emily Braham

Energiesprong UK / Nottingham City
Homes

ENERGIESPRONG 2050 ULTRA LOW HOMES

Funders / Organisations

*Energie
Sprong
uk*



Supported by Horizon 2020 projects
funded by the European Union



*Transition
Zero*





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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

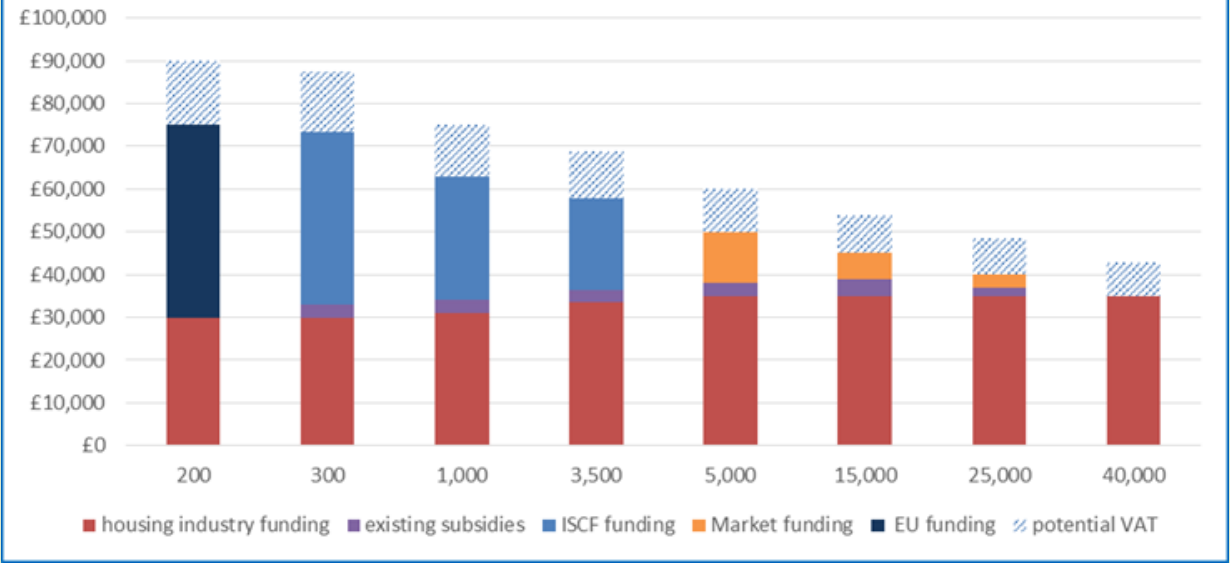
Scale

Off site manufacture

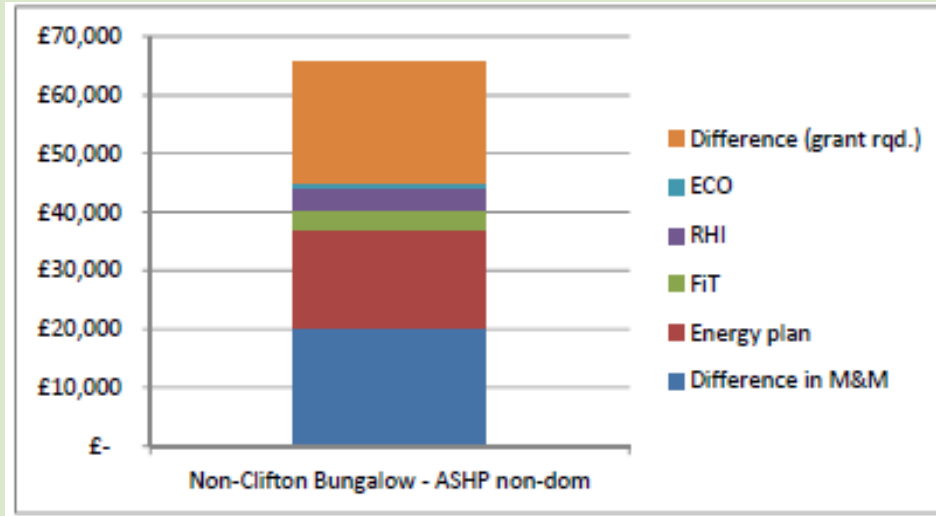
Accepting higher costs initially



UK Innovation Curve - Energiesprong Houses



Business Case





Our Project

<https://vimeo.com/248462547>



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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

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