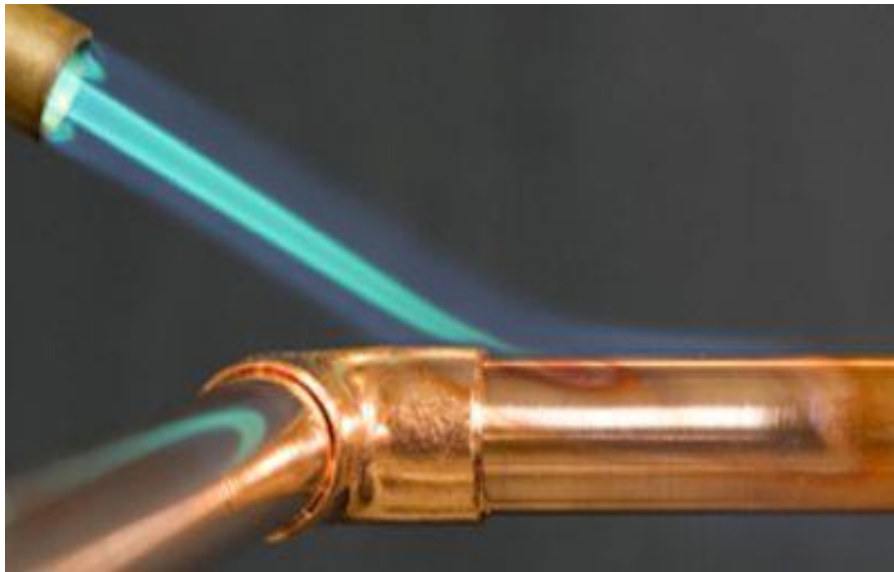


> Desirable, warm, affordable  
net zero energy homes for life.





























➤ Nottingham  
City Homes

‘Before’

November  
2017



# > Nottingham City Homes

‘After’

December  
2017

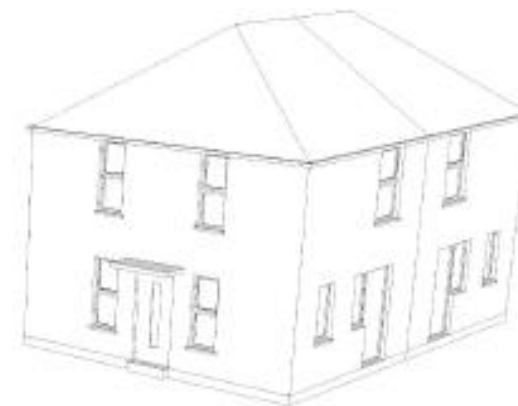
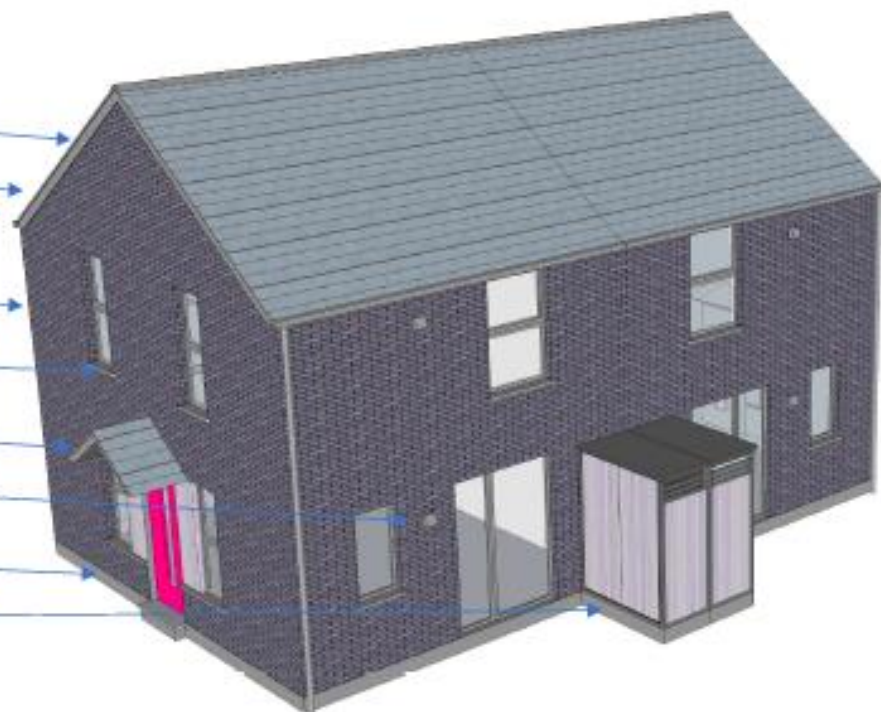








- Remove hip and chimney
- Extend gable wall
- Insulate roof
- Apply 'Mauer' modular EWI system
- Replace windows and doors
- Replace canopy
- Install individual MVHR
- Insulate floor
- Service pod  
(heat pump, thermal store and battery)
- Black in-roof PV system



Existing

Proposed



Street View



Entrance/Side Elevation



Rear/Garden Elevation

# 1. Ask for a new product: 'Design, Build & Guarantee'

Performance	Specification
Net energy consumption	0 kWh/yr (<1,500kWh/yr)
Space heating	<30 kWh/m2/yr
Plug power	2,300 kWh/yr
Hot water	124 l/day
Temperature	21C & 18C
Air quality	B Regs Part F
Fire risk	Comply & reduce
Maintenance	£guaranteed
Energy Cost	£guaranteed



## ASSURED QUALITY

*30+ years performance guaranteed*



## NON-INTRUSIVE

*15 days on site*



## AFFORDABLE

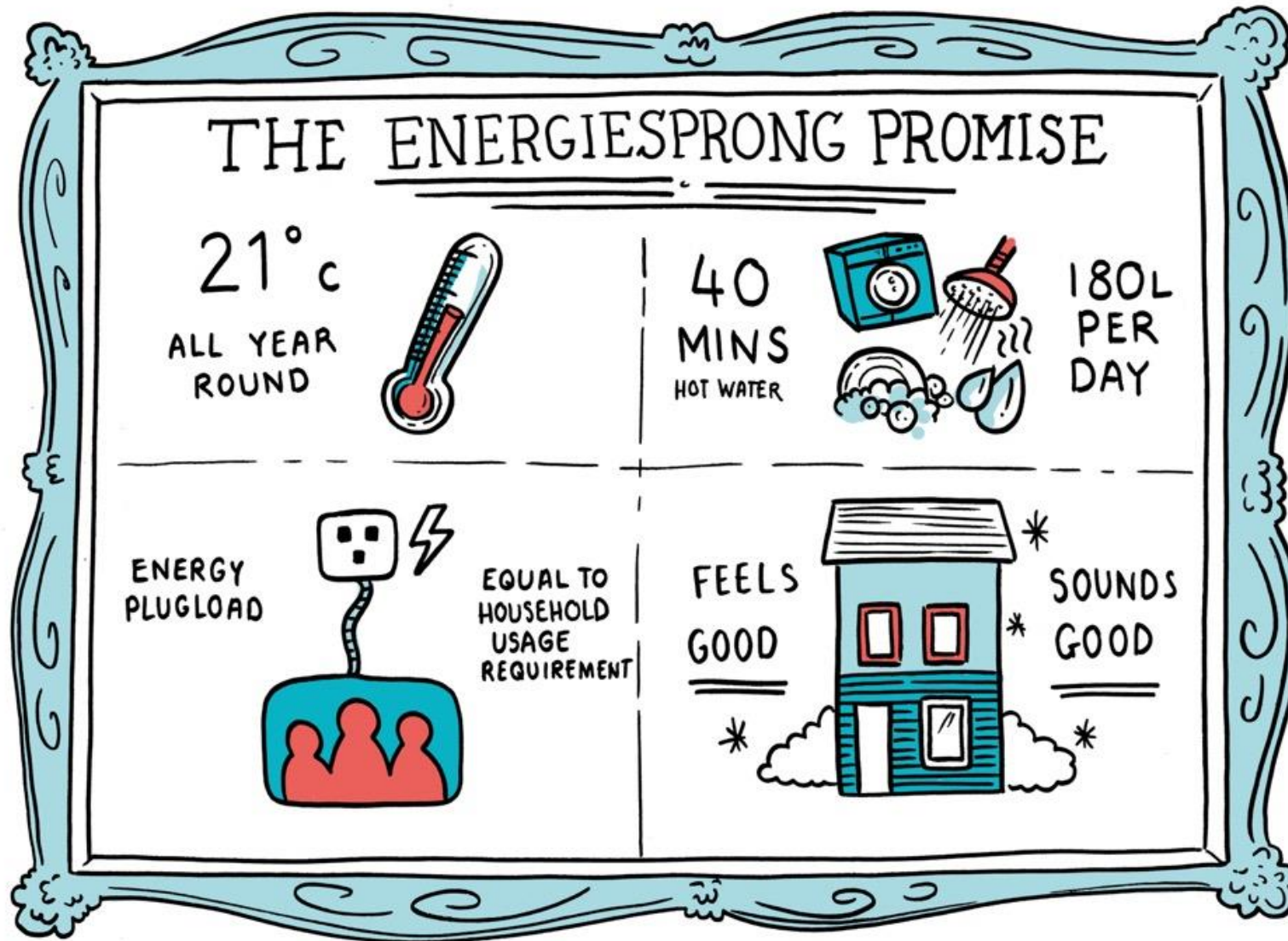
*Financed from energy & maintenance savings*



## DESIGN

*Looks & feels good – desirable product*

## 2. Focus on people

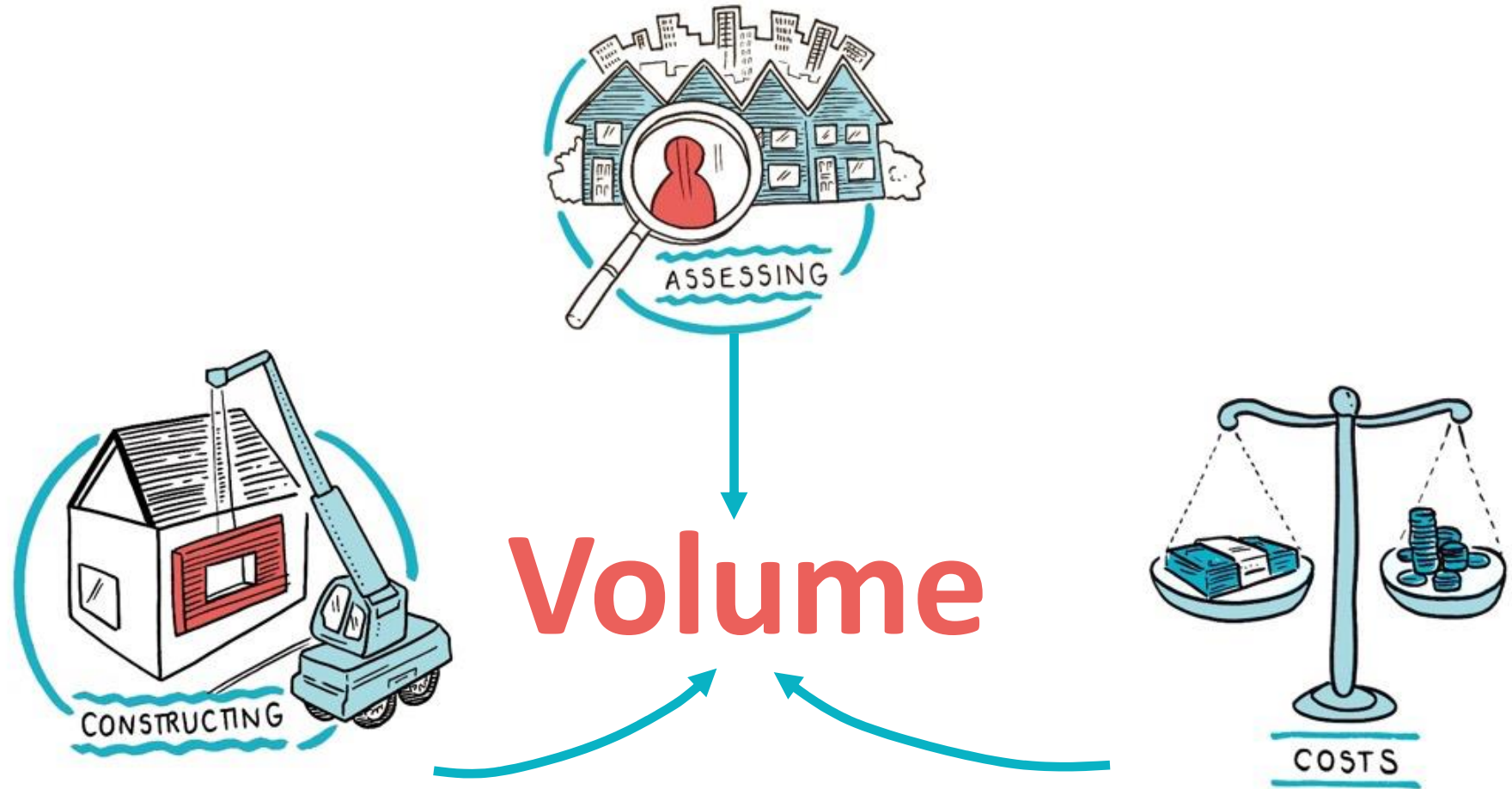


Easy to understand product with

- Guaranteed comfort
- Fixed monthly cost

### 3. Create a market

> Demand : *Landlords*



> Supply : *Companies*

> Funding & Policy :  
*Governments*

In the UK, each year:

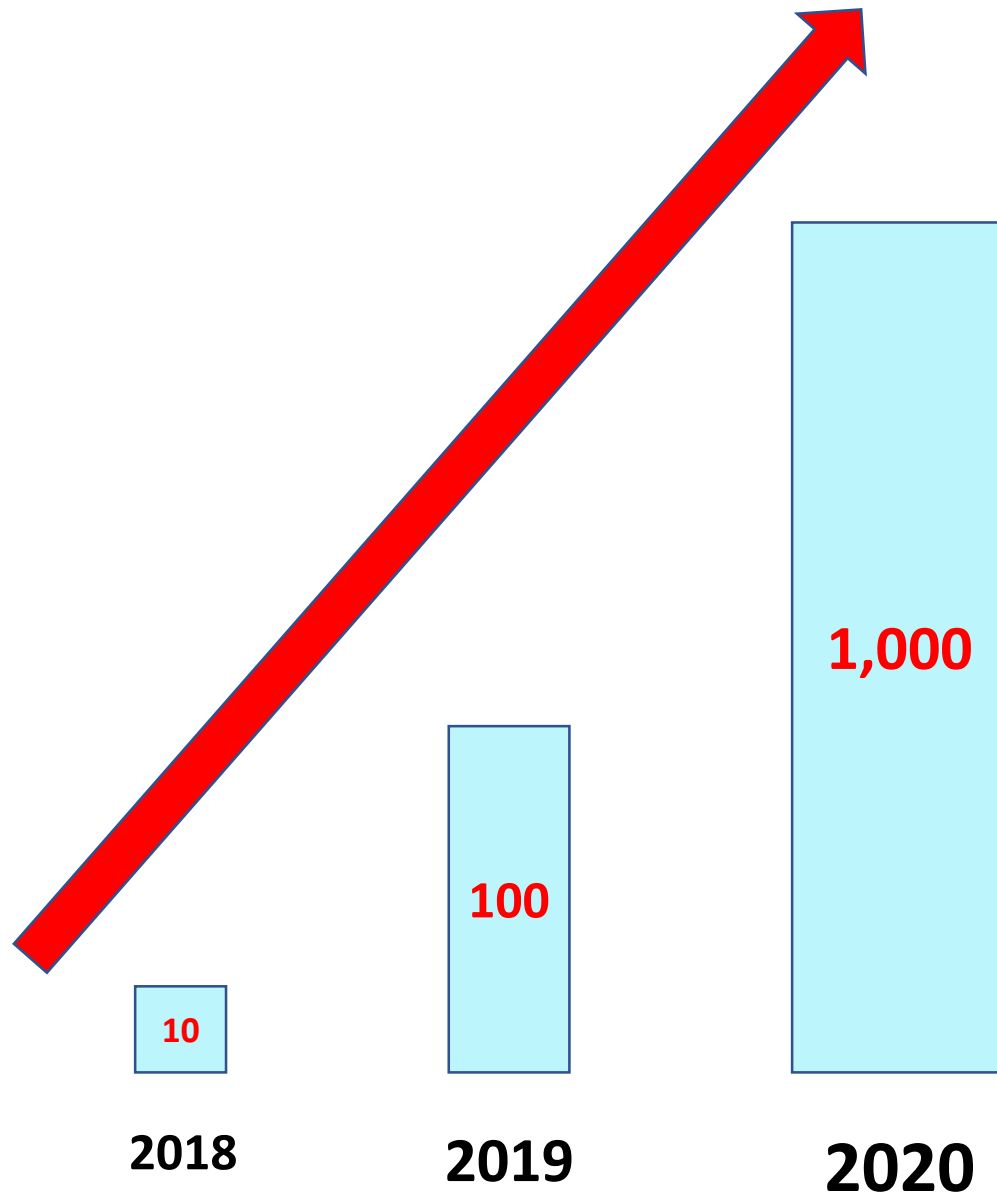
- > £5.2bn spent on existing social housing stock
- > £4.2bn spent by social housing tenants on energy



Energiesprong  
turns that into  
**productive investment**  
to make our homes fit  
for 2050

## > Business case

Avoided maintenance cost (windows, doors, roof, gas etc.) - 30 yrs	£30k
Comfort Plan income - 30 yrs	£15K
Renewable Heat Incentive, ECO3	£10k
<b>Sub total</b>	<b>£55k</b>
<b>Future market price (high volume, 1000s)</b>	<b>~£55k</b>
<b>Early market price (low volume, 10s)</b>	<b>~£85k</b>
Grant (EU, ECO3i, Govt)	£30k
<b>Total</b>	<b>£85k</b>
Property value increase	£20k (25%)
Fit for 2050	Large saving v. BAU
Regeneration	Value?
Health	Value?



energie  
sprong  
uk

## > Stay in touch

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