Boggart Hill Road
Leeds first PassivHaus LEBS Social Housing Project
The Plan...

- Connect’s journey towards PassivHaus
- The Boggart Hill scheme
- Our partners
- The Teccie bit
- What we learned
- How’s it going
- Where do we go next
The Journey

Colne Valley
Futurebuilders
construction in the community

Kings Mill Court, Huddersfield

Ancien Court, Marsden
The Scheme
10 x 2 bedroom homes
Low Energy Standard Passivhaus Design
Air Pressure Rating <1m³/h.m²
The Team
The Tech
External Wall U-value 0.13 W/m²K
Timber frame. 100mm brick, 50mm cavity, 120mm Xtratherm XT-TF, 9mm OSB, 50mm Xtratherm XT-TF

Roof U-value 0.16 W/m²K
(25mm Xtratherm XT-PK, 100mm Xtratherm XT-PK)

Ground Floor U-value 0.13 W/m²K (120mm Xtratherm)

Triple glazing U-value 0.8 W/m²K (Ford Windows)

External Doors U-value 1.0 W/m²K (Cottage One)

Thermal bridging to enhanced accredited details

MVHR (Paul Focus 200)

Electric panel heating (no gas) – 1ry and 2ry heating circuits

Solar PV 3 KW array with battery storage (Ephase 1.2kWh)

100% LED lighting. Dimplex EC-Eau 150L Hot Water Cylinder
The Learning
The Present
The Future
Martyn Broadest, Director of Home

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