Scotland & Passivhoos

Matt Bridgestock

John Gilbert Architects





Scotland's Progress

- Several large rural homes
- Small and Large retrofit
- Social housing pilots







Portree - Rural Design







Braemar Passivhaus - Grigor Mitchell Architects







Ferndown - Sam Foster Architects







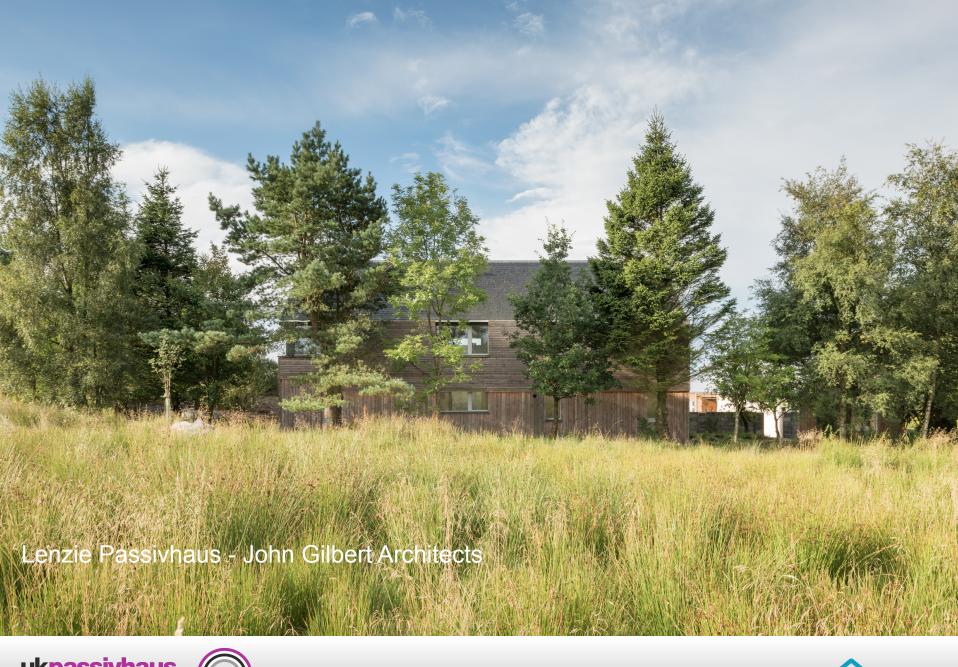
















Retrofit...

















Larger scale...







MOUNT STUART TRUST PROPOSED LOW ENERGY DEVELOPMENT AT LOCHEND, ISLE OF BUTE

ARTIST'S IMPRESSION

ARCHITECO

















Barriers to large scale...

- Cost
- Nice idea for Europe, but it doesn't work in UK?
- Isn't it just for private homes?
- Can residents actually understand it?
- What about MVHR, sounds difficult?
- Procurement challenge?
- Airtight homes are bad?
- WHAT DOES IT COST??





- Architect / Contractor Partnership
- Cost certainty
- Specifically for Housing Associations / Councils
- Flexible social housing types
- Delivery at scale across Scotland











- Integrated team approach
- Specific supply chain
- Reduce procurement issues
- Improve process and on-site training
- Improved handover process
- Set up for delivery at scale
- Repetition key to cost





Our target: £125k build - £125/yr fuel bills















Thank you







