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A BUILDER'S VIEW – SKILLS & APPROACH NEEDED TO DELIVER RETROFIT PROJECTS

Presenter

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Zero Carbon House – Tindal Street Birmingham

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The Master's House, Ledbury

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St Michael’s Hospice

Derby Silk Mill

Procurement & Design

- Early involvement of the whole team – e.g. 2 Stage or Alliancing
- Selection of a team with the correct expertise
- Clearly defined success criteria to allow an appropriate design response
- Robust cost planning, with realistic contingency
- Detailed Energy Modelling & Thermal Bridge Analysis
- A sensible approach to managing risk
- Education of end users – soft landings approach
- The increasing importance of Fire Engineering
- Harnessing Digital Tools

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Skills on Site

- A understanding of why – thermal bridge free & airtight, correct management of moisture
- A understanding of how – ongoing quality checks and diagnostics
- Retrofit housing can often involve working in occupied dwellings – soft skills important
- Supply chain engagement – avoiding the ‘piece work’ conundrum
- Rigorous record keeping – the golden thread
- Problem solving ability
- More accredited training qualifications to upskill existing tradespeople
- Better embedding of sustainable construction skills in construction & design curriculums
- Keep it Local!
- Profit isn’t a ‘Dirty’ word – it means economic sustainability

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Engaging the Next Generation

Overcoming the Skills Shortage

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Thanks for listening

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