

Fully-funded 4-year PhD Project at Loughborough University – Closing the Energy Gap

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| Project Title | Closing the Energy Gap |
| Supervisor(s) | Dr David Allinson |
| Project Description | <p>The latest evidence from field measurements suggests that energy demand of UK homes is significantly greater than intended. This energy gap is in part because the energy efficiency of the walls, roofs and floors is worse than expected.</p> <p>Smart meters will be installed in every home in the UK and there is an international effort to turn the data from these meters into building performance information. New test methods are being developed and existing ones written into standards. Research is needed to understand the accuracy of these methods.</p> <p>This PhD will build on research being undertaken in an international network which is developing the methods and metrics needed to evaluate and communicate building performance to households and a wider range of stakeholders. The research will utilise data from the UK's largest field trials, require measurements made in our test houses and use the latest modelling software.</p> |