

Retrofit in Practice: What next?

Sofie Pelsmakers and David Kroll

To meet the UK government's ambitious carbon reduction standards, existing buildings will need to be upgraded to meet high fabric efficiency standards. But what are the challenges faced? Which policies exist to encourage this large scale retrofit – and what are the barriers? How much do we currently know about how well these buildings perform and what standards will they need to meet?

What could some of the unintended consequences be of fabric upgrade? Will planning support or hinder interventions? How can retrofit successfully take account of the building history? Is there a role for architects in the upgrade of existing structures? And, why not simply demolish and start anew?

Participants/workshop speakers include Charlie Baker, Urbed Manchester; Roger Curtis, Historic Scotland; Felicity Davies, UCL EngD Researcher; Martin Field and Sabine Coady-Schaebitz, Collaborative Centre for the Built Environment, University of Northampton; Tim Forman, PhD Student, Welsh School of Architecture, Cardiff University; Carsten Hermann, Historic Scotland; Dennis Rodwell, Architect and Planner; Dr. Julian Holder, Salford University; Nick Newman, ECD Architects; Mark Siddall and Jack Harvie-Clark, LEAP / Northumbria University, Apex Acoustics; And Franca Trubiano, PennDesign, University of Pennsylvania.

For more details see www.retrofitinpractice.co.uk

Biographies:

Sofie Pelsmakers is an environmental architect and doctoral researcher at the UCL Energy Institute. She leads a Low Energy Housing Retrofit module at UCL and is author of *The Environmental Design Pocketbook*. Sofie taught at the University of East London and led a Masters in Sustainable Architecture course. She is co-founder of Architecture for Change, a not-for profit environmental building organisation.

David Krollis a practicing architect with a PhD from the University of London. He has lectured Architectural History and Theory at the University of East London and Architectural Design at the University of Kent. At present he is a lecturer in architecture at Anglia Ruskin University.