

Housing Retrofit vs Grid Decarbonisation

An STBA workshop hosted by CADW - 23rd October 2019, Caerphilly Castle, Wales

Reducing carbon emissions from buildings is essential in the light of international commitments – but what are the most effective ways of achieving this at macro scale? Our event will discuss the pros and cons of achieving carbon savings through large-scale, deep-retrofit of homes and compare this with the cost and environmental impact of grid decarbonisation.

This half-day workshop is kindly hosted by Cadw at Caerphilly Castle on 23 October from mid-morning to mid-afternoon. The event will include speakers on the environmental impacts of carbon-reduction measures and we will also hear from experts on the supply side options. In contributory sessions, we will discuss the options and attempt to uncover where the balance lies between these two complementary approaches.

Lime Green Products, manufacturers of hydraulic lime mortar, plaster & render are kindly sponsoring this event.

STBA Affiliate & Patron Members: £20+VAT

Welsh Government, Local Authorities & Housing Associations: **£20+VAT**

STBA Supporting Organisations and Event Partners*: **£40+VAT** - Other Guests: **£60+VAT**

Bookings via Eventbrite

PROGRAMME

10.30	REGISTRATION
11.00	Welcome and introduction Gwilym Hughes - Deputy Director, Cadw
11.10	National and international targets on sustainability and decarbonisation Nigel Griffiths - Director, STBA
11.30	Welsh Government policy on decarbonising existing homes Julie James , Minister for Housing and Local Government (invited)
12.00	Decarbonised energy supply grids and whole-system flexibility Oliver Lancaster , Future of Energy Manager, Wales & West Utilities Ltd
12.30	Contributory session: "What are the key considerations in this debate?" Chaired by Peter Draper - Sustainability Chair, STBA
13.00	LUNCH
14.00	The cost of retrofit – financial and carbon (embodied & in-use) Harry Paticas , 15:40 Architecture Collective
14.20	The shape of retrofit for the future Peter Rickaby , Energy & sustainability consultant, Chair of the BSI Retrofit Standards Task Group, Director of UKCMB at UCL
14.40	Whole Life Carbon implications of re-use and recycling historic buildings Adala Leeson , Head of Social and Economic Research, Historic England
15.00	Contributory session: "Should supply outcomes change retrofit targets?" Chaired by Nigel Griffiths - Director - STBA
15.30	Networking till 4=16.00