

# THE PASSIVHAUS STANDARD IN AFFORDABLE HOUSING

A one day conference introducing the Passivhaus Standard  
to social housing providers, local authorities, contractors and designers.  
To be held in a completed Passivhaus at Hadlow College.

18 OCTOBER 2011

Hadlow College, Rural Regeneration Centre, Hadlow, Tonbridge, TN11 OAL

[www.hadlow.ac.uk](http://www.hadlow.ac.uk)

Nearest train station - Tonbridge.

Programme	10.00	Introduction	Professor Ian Swingland OBE
	10.30	Regulatory framework, SAP, SBEM, Code, Building Regulations	Mark Saich, Green Building Solutions Ltd
	11.00	The Passivhaus standard explained	Paul Mallion, Conker Conservation Ltd
	11.30	Passivhaus products and availability in the UK	Joe Wild, Ecomerchant
	12.00	Lunch and Networking	
	13.00	Construction, a contractors perspective on building to the Passivhaus standard	Andrew Bassant, Ecolibrium Solutions Ltd
	13.30	Costs, value and funding of higher quality buildings	George Betteridge, Betteridge & Milsom
	14.00	Retrofit of existing housing stock	Keith Bothwell, University of Kent
	14.30	Conclusion, questions, discussion	Action with Communities in Rural Kent
	15.30	Tea, Close	

Cost: £40.00 per head inclusive of lunch and refreshments

Contact for booking and enquiries: Tess O'Sullivan [tessa.osullivan@ruralkent.org.uk](mailto:tessa.osullivan@ruralkent.org.uk)  
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Event sponsored by

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Action with Communities in Rural Kent  
The Old Granary, Penstock Hall Farm,  
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Action *with* Communities in  Rural Kent

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[www.passivehousehub.co.uk](http://www.passivehousehub.co.uk)

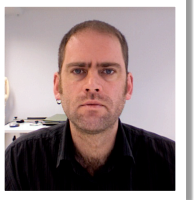
Speakers have been selected for their experience, training and enthusiasm.

### Speaker Biographies:



#### **Ian Swingland OBE**

Professor **Ian Swingland** founded DICE (Durrell Institute of Conservation and Ecology) at the University of Kent in 1989. While at DICE he served as director and was elected to the first Chair of Conservation Biology in the United Kingdom. He is involved with Hadlow College and many other leading wildlife and biodiversity organisations worldwide.



#### **Mark Saich**, BSc Hons (Environmental Sciences) PG Dip (Advanced Environmental and Energy Studies), Green Building Solutions.

Director of Green Building Solutions consultancy practice, NHER SAP assessor, lecturer/ trainer on energy efficiency. Specialising in low energy dwellings and natural material technologies. Has worked in the construction industry for 25 years, including local authority and private sector building control and environmental health.



#### **Paul Mallion**, BSc(Hons), MSc(Arch), FRICS, Conker Conservation Ltd, co-founder of the Passivhaus Hub.

Chartered Building Surveyor specialising in low energy design and sustainability. Working with Passivhaus standard since 2005. Designed the first house in Kent using passivhaus standard in 2007, and the UK's first industrial passivhaus. Has completed European Passivhaus Designer training.



#### **Joe Wild**, Managing director of Ecomerchant, co-founder of the Passivhaus Hub.

Joe has been involved in environmental construction for over 15 years, trained as a building surveyor, now specialising in supplying sustainable materials to the construction industry. Also a director of Natureplus, Europe's leading product certification body.



#### **Andrew Bassant**, Ecolibrium Solutions Ltd.

Andrew founded Eco-librium Solutions Ltd with Ana Rodrigues in 2001, following a decade of working within mainstream construction, with the specific aim of developing expertise in all areas of sustainable construction. Since that time the company has been involved in many projects including certified passive houses and land mark projects such as 'The Pines Calyx' and 'Crossway'.



#### **Paul Gannaway**, BSc, MRICS, Betteridge and Milsom.

Director at Betteridge & Milsom, Paul is a Chartered Quantity Surveyor with over twenty years experience in the construction industry, managing projects in sectors such as education, housing, commercial and health. As an active member of the Sustainable Building Association (AECB) Paul regularly attends various seminars regarding environmentally sustainable building. He is particularly interested in new technology and projects that have potential to deliver excellent water and energy performance. He is also a strong supporter of low-energy and low-CO<sub>2</sub> emissions design.



#### **Keith Bothwell**, Senior Lecturer in Architecture, University of Kent.

An architect with over 30 years experience and teaches at Kent School of Architecture focussing on environment and sustainability. He developed this interest while a student at the Bartlett School of Architecture, visiting pioneering autonomous houses and working as a volunteer at the fledgling Centre for Alternative Technology in Wales. In 1996 he completed an MSc in Bio-Climatic Architectural Design, and undertakes research on the passive environmental design of buildings.