

# Passivhaus Schools

The route to low energy schools in the UK?

FRIDAY 11 DECEMBER 2009 • RIBA, LONDON, UK

**REGISTER NOW**



- Find out what Passivhaus means and how it can input to low energy schools and improve air quality.
- Learn from the experience of those who have already implemented the Passivhaus standard in European schools.
- Meet with experts in the field and network with a wide range of stakeholders.

## Early Booking Deadline

Register by 13 November 2009 to save on delegate fees.

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**A One-day Conference from AECB/Passivhaus Buildings • [www.aecb.net](http://www.aecb.net)**

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UK schools account for 25% of public sector energy costs and are under increasing pressure to reduce energy consumption and their associated carbon footprint. They spend about £450m on energy each year, three times as much as they do on books. (source: [www.ecoschools.com](http://www.ecoschools.com))

The Building Schools for a Future programme enables local authorities to move from 'patch and mend' spending on schools to rebuild and renewal: on average £2.5-3 billion of capital investment is being spent on the programme each year. Increasing energy performance as part of this renewal programme is key to reducing consumption, carbon output and costs.

This one day conference will explore how the German low energy Passivhaus standard could provide a solution to achieving low energy buildings and improved air quality in UK schools. Key features include: airtight construction, a high standard of insulation and high-specification glazing. In Belgium and Germany several new schools under construction are using Passivhaus to achieve an energy saving of 90% compared with traditional methods.

During the conference, speakers from some case study projects will outline the approaches undertaken, highlight the similarities with the UK and provide feedback on the resulting energy usage calculations, including some new results from recently completed schools.

**Passivhaus:** *Passivhaus standard buildings have a comfortable interior climate that can be maintained with very low energy consumption and usage costs.*

### Who should attend?

This conference is essential for all those concerned with reducing the energy consumption and carbon footprint of UK schools including: government representatives and energy saving lobbyists, local authorities and those responsible for the procurement, design and operation of new schools, architects, contractors, engineers and project managers, consultants and researchers.



## Conference Programme

Conference Chair: Robin Nicholson *Chair of DCSF Zero Carbon Task Force*

09.00	Conference Registration
09.30	Opening remarks from the Conference Chair
09.50	<b>Defining the issues – results of recent evaluation of the performance of schools</b> Rod Bunn <i>BSRIA</i>
10.20	<b>What is the Passivhaus standard and how it is applied to schools</b> Sally Johns <i>Warm Low Energy Building Practice</i>
10.45	Q & A
10.55	Coffee break
11.15	<b>Frankfurt: the results from Passivhaus schools</b> Axel Bretzke <i>(former) Deputy Chief, Energy Department, City of Frankfurt</i>
12.00	<b>24 new schools in Belgium to the Passivhaus standard – why and how</b> Peter Dellaert <i>Passifhuisplatform (PHP)</i>
12.45	Q & A
13.00	Lunch
14.00	<b>The DCSF Zero Carbon Road Map</b> Simon Burton <i>Regional Director, Sustainability, Building Engineering, AECOM</i>
14.30	<b>Different solutions for ventilation in different types of schools</b> Jeroen Poppe <i>Passifhuisplatform (PHP)</i>
15.00	<b>The Passivhaus approach to services: avoiding unnecessary energy demand and use through careful design and operation</b> Bill Bordass <i>Usable Buildings Trust</i>
15.45	<b>Next steps: outline of proposed workstreams and action research</b>
16.30	Tea and end of conference

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## Registration Information

**Book online now at  
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Register by **13 November 2009** to save **£35** on the conference delegate fee.

### Registration fees

The delegate fee for the conference is £195 + VAT.

Delegates registering prior to **13 November 2009** are entitled to the reduced rate of £160 + VAT.

All prices are subject to VAT @ 15%.

### Your delegate fee includes:

- Access to all presentations as detailed in the conference programme
- Lunch and mid-session refreshments as detailed in the conference programme
- Delegate materials

### Payment Terms and Conditions

Registration fees are payable in advance of the conference. If possible please register online by credit or debit card. Confirmation of your registration will be sent to you by email. Delegates wishing to pay by cheque or bank transfer should contact the conference secretariat.

**Cancellations:** Substitutions can be made at any time but please advise the conference secretariat of any change in name. If you find it necessary to cancel your registration please notify the conference secretariat immediately in writing. Provided written notice is received the following cancellation terms will apply. Cancellations prior to **13 November 2009**: full refund less 10% administration fee. Cancellations between **13 and 27 November 2009**: 50% refund. Cancellations after **27 November 2009**: full fee is payable.

### Location

The Conference will take place at RIBA, 66 Portland Place, London W1B 1AD. An Art Deco landmark in the heart of the West End of London, this venue offers excellent conference facilities and plenty of room to network during the refreshment breaks.

### The Organisers

The Conference is organised by the AECB /Passivhaus Buildings in association with Passifhuisplatform (PHP). It is supported by PassNet.

### Conference Secretariat

Bookings and enquiries  
Sally Hall  
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