

12 November 2009, Hall for Cornwall, Truro, 10am-5pm including lunch

Seminar 1: Code for Sustainable Homes 10am-1pm

The aim of this seminar is to future proof architects' knowledge regarding upcoming energy performance design requirements. By taking a holistic approach, it will demonstrate that current dwelling designs may be improved to achieve Code for Sustainable Homes Level 3 and above for energy efficiency.

The sessions will cover the following topics:

- Improving fabric U-values, including insulation, materials and construction methods
- Reducing thermal bridging heat losses through better detailing
- Improving air tightness to reduce air leakage heat losses
- An overview of the principles of the SAP 2005 software and methodology
- An overview of the proposed changes to SAP 2005 due to be released in 2010
- An overview of the proposed changes to Approved Document L1
- The use of Low and Zero Carbon Technologies such as solar and photovoltaic panels, heat pumps, Flue gas heat recovery systems and biomass. Including maintenance, installation issues and the effects on the emissions rating in the SAP calculation
- SAP Appendix Q and the provision of Mechanical Ventilation systems with Heat Recovery, Waste Water Heat Recovery, and other improvements to services
- SAP case studies
- Code for Sustainable Homes case studies, compliance and procedures advice.

Speaker: David Jackson, Building Control Assistant Project Manager, jha innovation
David graduated from Sheffield Hallam University in 2008 in Building Surveying BSc (Hons) 2:1, and as part of the course he joined jhai on his placement year in 2006. Since then David has been responsible for carrying out SAP calculations and EPCs for jhai, and having performed over 500 calculations is familiar with the principles of SAP and the effects of building fabric, construction details and low/zero carbon technologies on the SAP rating. David is also a Code for Sustainable Homes Assessor and is currently working on developments throughout the north of England. He has also used SAP to provide advice to clients on how to achieve the percentage improvement of the emissions ratings as part of the Code. He is also responsible for Building Control inspections throughout the area of Kirklees, and is currently working towards his RICS membership on the Building Control pathway. David is keen to improve his knowledge of the environmental and sustainable issues, and is currently studying for the exam for membership of the Institute of Environmental Management and Assessment (IEMA) and the LEED Green Associate qualification.

Seminar 2: CDM Regulations 2007: Practical Application for Designers 2-5pm

This seminar is a detailed discussion on how to make the CDM Regulations work in practice, whilst achieving the finest quality design and maintaining cost control, especially in today's climate.

The Construction (Design & Management) Regulations have placed significant statutory health and safety obligations on designers in the construction industry. Architects must consider the health, safety and welfare of those who construct, maintain and indeed use as a place of work. They must also take into account those who may be affected by such activities.

This lecture will focus on the practical application of this legislation and discuss just how far the architect needs to go when considering occupational health and safety. The law accepts that architects have other considerations on each project but falls short of any prescriptive methodology for design risk management. The speaker will suggest that CDM compliance is no more than good design and an integral element of build ability and maintainability. Focusing on hazard identification examples of good design practice, this event will demystify CDM and give all attendees the confidence to practically comply.

Speaker: Owen Griffiths, Total CDM Solutions

Owen Griffiths has over 20 years experience in the construction industry. His most prestigious project at present is as CDM Co-ordinator on the London 2012 Olympic Aquatic Centre, working with Zaha Hadid's team.

CPD record for the two seminars: 6 hours of formal CPD

RIBA Core Curriculum: Seminar 1 Professional Context, Sustainable Design, Seminar 2 Statutory Requirements

Fees (incl. VAT 15%) – Including lunch

Early Bird Saver Book & Pay by 31/10/09	£75.90 (RIBA) Inc £1 ABS donation	£86.25 (other)
Bookings after deadlines above	£86.25 (RIBA) Inc £1 ABS donation	£97.75 (other)

One-day event:
CSH + CDM

RIBA

Please reserve place(s) at £ per place for 12/11/09 **CSH am** **Lunch** **CDM pm**

I enclose a cheque for £ made payable to **RIBA**

Name(s)

Practice

Address

Postcode Town.....

Telephone..... Email.....

- On receipt of this reservation, you will be sent a location map and VAT receipt.
- Events can be booked up to the previous day, but this is dependent on availability of spaces.
- Please see our 'early bird' booking discount, applicable if payment is received by the deadline.
- Refunds for cancellation can be made up to five working days before the event although a substitute delegate can be nominated after this time.

Return to: RIBA, Unit 4.8, Paintworks, Bath Road, Bristol, BS4 3EH
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