

Thursday 23rd October 2008

BRE IRELAND - TRAINING THE IRISH CONSTRUCTION INDUSTRY FOR PART L COMPLIANCE AND BER CERTIFICATES

www.breireland.ie

Sustainability experts BRE Ireland are hosting a number of SBEM (interface Simplified Building Energy Model) training courses throughout this autumn at venues across the country. The next one takes place on:

25 & 26 November at Limerick Institute of Technology

Speaking from BRE Ireland's offices at the Limerick Institute of Technology, Director, Dr Eanna Nolan explains...

"With relevant information, case studies and illustrative exercises, this BRE Ireland training course is designed to provide the user with the information and confidence to use the SBEM tool to determine Part L compliance and producing BER Certificates. Insights gained from the team that developed the SBEM tool are included in the course so those interested in gaining a thorough understanding of the tool and how it is used should choose to train with BRE Ireland."

The course cost is €950 per attendee

SBEM (Simplified Building Energy Model) is a computer programme developed by BRE that provides an analysis of a building's energy consumption. SBEM calculates monthly energy use and carbon dioxide emissions of a building given a description of the building geometry, construction, use and HVAC and lighting equipment. SBEM forms part of the procedure for demonstrating compliance with the Energy Performance of Buildings Directive and is required for producing BER certificates.

The comprehensive two-day programmes will include:

- β The process of carrying out the new compliance calculation
- β Collecting input data, zoning the building, using SBEM to carry out calculations and interpreting results
- β The use of case study examples to give delegates in-depth practical knowledge

As part of BRE Ireland's training, delegates will receive live demonstrations, explaining program features and will show the tool 'in action.' There will be hands-on practice, which will reinforce learning by encouraging candidates to use the tool on a range of case study building designs.

These courses are delivered by BRE Staff and associates including the BRE team that developed SBEM – who better to help you and answer your detailed questions?

Course outline

Day 1

The EPBD National Calculation Method and SBEM – background and overview
SBEM calculation basics and tour of the iSBEM interface
Data collection methods and zoning rules
Live demonstration of entering a building design into iSBEM
Exercise: zoning buildings and collecting geometrical information for iSBEM
Exercise: iSBEM basics, entering the geometry and building fabric details

Day 2

HVAC system choices
Renewable energy options
Exercise: entering building services detail
Exercise: accessing and understanding the outputs and the compliance document
Own working: Case study

To book your place on line visit www.breireland.ie or call BRE Ireland, Enterprise Acceleration Centre, Limerick Institute of Technology, Moylish Park, Limerick.
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As collaboration between BRE, the University of Limerick and Limerick Institute of Technology, BRE Ireland is an independent, authoritative body, which sets the standard for sustainability, innovation and enterprise within the built environment. BRE Ireland is dedicated to excellence and innovation in the built environment of Ireland.

BRE Group

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Key areas of work include

- sustainable design
- energy efficiency and renewable energy
- sustainable and innovative housing
- whole-life performance
- water and waste management
- construction quality, process and productivity
- building performance - structures, materials and systems
- building investigations and expert witness

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