

See the Light 2010

Building a Carbon Free Future

Thursday 9th September 2010
Croke Park Convention Centre, Dublin



Introduction

The Sustainable Energy Authority of Ireland's (SEAI) Renewable Energy Information Office in association with the Royal Institute of the Architects of Ireland (RIAI) are hosting the eighth See the Light conference on Thursday 9 September, at Croke Park, Dublin.

Over the years Ireland has faced and continues to deal with concerns over rising energy costs and the environmental consequences that come from the use of traditional energy sources. This and the recent introduction of national and international policies have brought about a fundamental rethink in the way we design, construct and operate buildings. As we move forward, it is becoming clear that building 'green' is very much at the heart of the Government's decision making process. So much so that increasing the energy performance of Ireland's building stock and low energy building is fast becoming the preferred choice providing high quality, high efficiency, dynamic and cost effective solutions for consumers and businesses.

Highlights of See the Light 2010 - Building a Carbon Free Future include the launch of SEAI's Design Guidelines for Non Domestic Passive House Projects together with a policy round up with delegates being offered a rare and in-depth insight in the key principles and techniques in developing low energy, carbon neutral, energy plus and passive house projects to provide healthy and ecological building solutions.

This annual showcase event for the built environment will be of particular interest to:

- ▶ the construction industry
 - ▶ architects
 - ▶ engineers
 - ▶ energy and environmental consultants
 - ▶ developers and installers
 - ▶ local authority planners, engineers, Agenda 21 officers, housing and building departments
 - ▶ housing associations
 - ▶ universities and research organisations
 - ▶ Government departments and NGO's
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See the Light 2010 – Building a Carbon Free Future

CONFERENCE PROGRAMME

08.30 –
09.30 Registration, refreshments and exhibition

OPENING SESSION

Chair Brian Motherway, SEAI

- 09.30 Welcome and Introduction,
Brian Motherway, SEAI
- 09.45 Keynote Address, *Minister Eamon Ryan T.D*
Department of Communications, Energy
and Natural Resources (Invited)
- 10.15 Shaping the Built Environment, Achieving
Carbon Neutral and Energy Plus Buildings,
Sean Armstrong, Department of
Environment, Heritage and Local
Government
- 10.35 What's on the Menu – Make Mine a Non
Commercial Passive House,
Tomas O'Leary, Passive House Academy
- 10.55 Panel Q and A Session followed by Break

INNOVATIVE BUILDING SERVICES FOR PASSIVE HOUSES AND LOW ENERGY BUILDINGS – RESIDENTIAL

Chair Bill Scott RIAI

- 11.30 Living on the Energy Plus Side – the 'ileeid'
Case Study, *Patrick Daly*
- 11.50 Block or Timber Frame? Here's Two I
Built Earlier! *Cyril Mannion, PH Builder*
- 12.10 Refurbishing a 19th Century Irish Cottage
using Passive House Principles,
Cathal Stephens, B.Arch FRIAI, AIA, LEED AP,
Architect/Consultant
- 12.30 Heating Solutions for Passive and Low
Energy Houses, *Xavier Dubuisson, DWecoCo*
- 12.50 Panel Q and A Session followed by Lunch

NON RESIDENTIAL PASSIVE HOUSE AND LOW ENERGY PROJECTS

Chair Paul Dykes, SEAI REIO

- 14.15 Tygh-Na-Cladach – The First Low Energy and
Affordable Housing Passive Houses in the
UK, *Professor Gokay Deveci*
- 14.35 Passive House and Low Energy Concepts for
Irish Schools, *John Dolan, Department of*
Education and Skills
- 14.55 Passive House Offices Energy Performance,
Monitoring and Analysis, the Canolfan
Hyddgen Case Study, *John Williams, JPW*
Construction, Wales
- 15.15 Panel Q and A Session

FUNDAMENTALS FOR PASSIVE HOUSE AND LOW ENERGY PROJECTS

Chair Kevin O'Rourke, SEAI

- 15.25 Passive Housing Cost Analysis – The Rosslare
Case Study,
Seamus Mullins
- 15.40 Impact of Climate Variation in Ireland on the
Performance of Passive and Low Energy
Projects, *John Morehead, WMA*
- 15.55 U Will Value Irish Made Certified Passive House
Windows, *Brendan Harte, Munster Joinery*
- 16.10 Final Q and A Session and Close
- 16.30 Launch of Irish Passive House Association

REGISTRATION

Participation in the conference is subject to payment of a registration fee. Numbers are strictly limited to 175 delegates - registration in advance is highly recommended to avoid disappointment!

The conference delegate rate is €140 – this includes all refreshments on the day and full conference proceedings after the event.

RIAI Members and Student rate €100.

Exhibitor's rate €175 - this includes unlimited exhibition space and two delegate places.

How to Register

The most convenient way to register is online www.seai.ie/bookshop

Alternatively, please complete the form below and send a cheque (**made payable to Southwestern/SEAI**) to:
SEAI REIO, Unit A West Cork Technology, Clonakilty, Co Cork

Purchase Order Number (for local authority use only) _____

PERSONAL DETAILS

Name: _____

Organisation: _____ MRIAI No: _____

Job title / Position: _____

Address: _____

Telephone: Fax: _____

Email: _____

CANCELLATION POLICY

If you register and are then unable to attend a substitute delegate may attend at no additional charge. A full refund will be given for cancellations received in writing 7 days prior to the conference.

Note: No refund can be made after this date.

ACCOMMODATION

A limited number of rooms are available at the Croke Park Hotel, Dublin. To avail of the conference rate please call the hotel direct on **01 871 4444** and quote SEAI event.