

LAST CHANCE TO BOOK! Our conference "Build Tight, Ventilate Right – Air Quality in Housing" is taking place on Thursday 2nd February 2012 at the Lighthouse in Glasgow. If you haven't yet booked your place but wish to attend, [please book](#) by Wednesday 1pm!

WEBINAR



add to my calendar
 attend in person
 attend online

"Energy Efficiency Improvements in Tenements in Bellshill"

Date: 9th February 2012
Time: 12:30 - 14:00 (GMT)
Venue: Seminar Room K501, Buchanan House, Glasgow Caledonian University, 58 Port Dundas Road, Glasgow, G4 0HG.

Summary:

The main focus of this study was to explore the possibilities of improving the energy efficiency of the apartment's fabric and energy for space and water heating. The apartments in question are owned by Lanarkshire Housing Association and are located in the town of Bellshill near Motherwell. This feasibility study addressed options and elements in which the apartments can be thermally improved and to also explore the improvement of heating services which at present have become difficult to maintain and are costly for the tenant.

The housing association is concerned with the difficulties of tackling the new Scottish Housing Quality Standard requirements and they are aware that this involves addressing the aspects of energy efficiency particularly reducing heat conduction easily through the buildings fabric and also colder air filtering into the tenements.

The aim of this study was to increase the thermal comfort of all tenants with the use of energy efficient methods that will not incur into excessive investment for the housing association. It was also a priority of this study to address the concerns raised on lowering fuel poverty. All of these can be partially solved by focusing on having more efficient ways of heating the dwellings while also making it easier to operate and thus make the tenants are aware of what they consume saving energy during operation.

The study involved a series of dynamic thermal simulations of typical tenement properties while also producing smaller studies with alternatives of energy consumption both from renewable and grid connected sources.

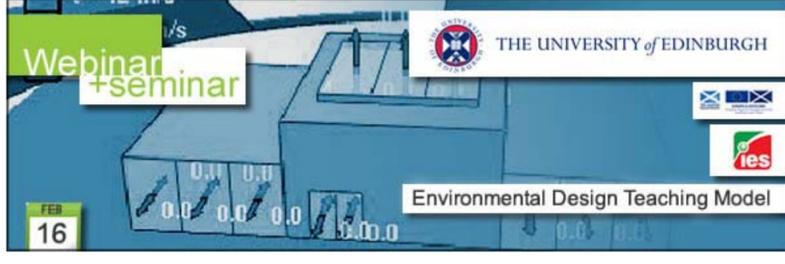
Speakers:

Julio Bros-Williamson BArch (Hon), MSc, Edinburgh Napier University
Gavin Young, Lanarkshire Housing Association

Booking:

To book your place at this event, please click "[attend in person](#)" or "[attend online](#)" above

WEBINAR



add to my calendar
 attend in person
 attend online

"Environmental Design Teaching Model"

Date: 16th February 2012
Time: 12:30 - 14:00 (GMT)
Venue: Seminar Room K505, Buchanan House, Glasgow Caledonian University, 58 Port Dundas Road, Glasgow, G4 0HG.

Summary:

The 'IES Education' Project was funded through a £3000 CIC Start Online Academic Consultancy Grant. This enabled researchers from the School of Architecture, University of Edinburgh work with Research Officers at IES Glasgow to develop a version of the IES-VE environmental analysis programme, tailored to the needs of undergraduate Environmental Design teaching.

The CIC grant enabled the researchers to have a series of meetings assess the relevant parts of the existing IES-VE programme dealing with Climate and Location, aspects of Lighting, and Thermal analysis that could be written into a student worksheet for teaching principles of environmental physics and its assessment within building models. It also enabled Dr Uduku, to present the 'beta' student version of the worksheet and relevant parts of the IES-VE programme to Environmental Design Academics at Architecture Schools in Scotland and also in Liverpool.

The 'beta' version of the IES-VE education worksheet was successfully developed, with a number of key conceptual issues related to its use and presentation within an Architectural education identified. This included an accompanying set of pre-designed building models available for student import and use, within the IES-VE programme. General feedback from the Lecturers at Universities visited was positive, and there was also useful feedback with which to improve the further development of the programme.

The beta version of the IES education worksheet and the IES Gaia package is now being installed in all four Schools of Architecture in Scotland and also at the School of Architecture, University of Liverpool. Feedback is awaited from the students who are currently 'trailing' the programme.

Dr Uduku and the University of Edinburgh research team will be seeking further funding to finance a research position to develop the programme further, taking into account student needs and teaching pedagogy in Environmental Design.

Speakers:

Dr Ola Uduku, University of Edinburgh

Booking:

To book your place at this event, please click "[attend in person](#)" or "[attend online](#)" above

COMPETITION AWARDS

An independent assessment panel has approved the applications submitted by 15th January for the following:

Feasibility Studies

- "Sustainability and energy efficiency of three new build dwellings in Aberdour" by Edinburgh Napier University and Finex Joinery
- "The Healthy House for the BRE Scotland Innovation Park" by Glasgow School of Art and Bennetts Associates

Academic Consultancy

- "Evaluation of Intelligent Homes Prototype" by University of Strathclyde Glasgow and NDVR Architecture
- "Residential Building Energy Management System" by Edinburgh Napier University and Ecotech Building Management

WHOLE DAY CONFERENCE - "THE GREEN DEAL AND SUSTAINABLE REFURBISHMENT OF TRADITIONAL BUILDINGS"



Save the date! - Wednesday 29th February 2012 - Registration is open now

Approximately 70% of today's existing building stock is likely to still be in use in 2050.

This presents a major challenge to us today: how can we improve the energy efficiency of our buildings (particularly traditional buildings) through successful refurbishment and also capitalise on the long-term sustainability of the traditional building stock in response to climate change whilst preserving architectural and historic/cultural integrity?

How can we future-proof our buildings to 2090 standards?

Initiatives like the Green Deal are set to encourage interest in refurbishment. However, what do we know about the energy performance of existing buildings, how can refurbishment be carried out effectively and sustainably, what guidance is available, what are the real & perceived risks?

Historic Scotland, for example, has commissioned research over the last 5 year which attempts to address these issues.

Research undertaken at universities will be presented. Historic Scotland and building professionals involved in refurbishment projects will offer their perspectives.

Speakers:

- Archie Ferguson, Construction Scotland
- David Mitchell, Director of Conservation, Historic Scotland
- TBC, Department of Energy and Climate Change, UK Government
- Nicholas Heath, Changeworks
- Roger Curtis, Historic Scotland
- Dr Paul Baker, Glasgow Caledonian University
- Prof Sue Roaf, Heriot Watt University
- Prof Sean Smith, Edinburgh Napier University
- John Currie, Edinburgh Napier University
- Dr Chris Sanders, Glasgow Caledonian University
- Prof John Counsell, BRE Centre Chair in Energy Utilisation
- Chris Morgan, Locate Architects
- Prof Phil Banfill, Heriot Watt University
- Sophie Simpson, Heriot Watt University

Delegate Fee:

Sponsorship by Historic Scotland has enabled us to reduce the delegate fee from our standard price to only £50 per delegate. Please [book your place](#) early to avoid disappointment.

You can exhibit at this conference for only £100 in addition to the delegate fee. [Please visit our website for more information.](#)

PARTNER ACTIVITIES AND OPPORTUNITIES

Enterprise & Innovation Showcase, 11th January 2012, 6-9pm

Edinburgh Centre for Carbon Innovation is creating a platform for Scottish Low Carbon businesses and entrepreneurs to showcase their innovative low carbon business, product or service and network with the most influential investors, serial-entrepreneurs and industry partners from across Scotland and Europe, with a keynote address from **Stewart Stevenson MSP, Minister for Environment and Climate Change**. [More information available here.](#)

The Green Apple Awards 2012 for the Built Environment and Architectural Heritage is open for entries. Deadline for entry is 29 February 2012. Entries can be made online at www.greenappleawards.com/BE2012

Member-to-Member Opportunity

Roy Guthrie, from The Heat Pump People Ltd, is looking for a surveyor who has experience in "Zero Carbon homes" in particular knowledge of the differences between a standard home using a gas boiler and a home with a Ground Source Heat Pump, Solar Panel installation, Triple Glazing, Sheep's wool insulation and contact from a certified renewable source, or if you can be of assistance, please contact Roy directly on 0844 414 2554 or info@theheatpumppeople.co.uk

CIC Start Online is led by Glasgow Caledonian University in collaboration with Edinburgh Napier University, The Glasgow School of Art, Heriot Watt University, The Robert Gordon University, University of Edinburgh and University of Strathclyde Glasgow. CIC Start Online is funded by the European Regional Development fund and Scottish Government's SEEKIT programme.



Note: We hope you enjoyed receiving this message. However, if you'd rather not receive future e-mails of this sort please contact admin@cicstart.org. This email has been sent to you as part of the membership benefits of CIC Start Online. Please add this email address to your safe senders list or address book to ensure you continue to receive these messages.