

Innovation Review Published!

This new issue contains articles on:

- Duneland by John Gilbert Architects
- Low-energy housing design considerations
- Refurbishment of a granite building
- Options Appraisal Tool for Architects
- Information on webinars in January and February

Available [online here](#) or in PDF format [here](#)



CONFERENCE



>> [Download PDF brochure](#)

Security of Electricity Supply, Demand Side Management and Smart Grid Strategy

Time: 09:30 - 14:00
Venue: K505, Buchanan House, Glasgow. G4 0HG

This conference aims to address several issues related to the electricity supply such as the threats to the security and resilience of energy supply in the UK, the impacts of the electricity demand reduction, the demand side response to the energy requirements of electric vehicles and heat pumps, and the solutions to prevent fuel poverty in an all electric UK.

This conference is of interest to the electricity suppliers, energy regulators, services engineers, renewable energy professionals, construction industry professionals, property owners and organisation involved in the reduction of fuel poverty.

Conference Programme:

09:30	Registration and Light Refreshments	
10:00	Chair's Welcome	Prof Branka Dimitrijevic Glasgow Caledonian University
10:10	What are the threats to the security and resilience of energy supply in the UK?	Prof. Joe Clarke Director of BRE's Centre for Energy Utilisation
10:30	Will demand reduction result in a Jevens paradox or will it be the start of a revolution in energy utilisation?	John Counsell Advanced Control Partnerships
10:50	Can Electric Vehicles and Heat Pumps be economically sustained without Demand Side Response?	Prof. David Infield University of Strathclyde
11:10	How energy suppliers plan to ensure sufficient energy supplies?	Brian Galloway Scottish Power
11:30	In an all electric UK what will be the solutions to prevent unprecedented levels of fuel poverty?	Scott Restrict Energy Action Scotland
11:50	Panel Discussion	
12:30	Lunch & Networking	
14:00	Close	

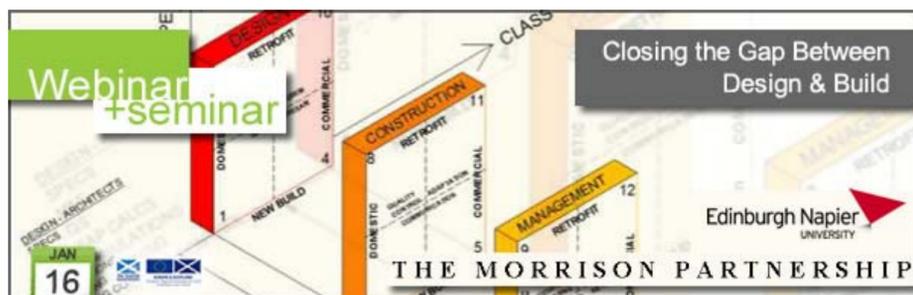
Delegate fees:

CIC Start Online Member = £69 +VAT
Non-member, per delegate = £89 +VAT

An invoice will be sent shortly after the conference.

[Book Your Place Now!](#)

WEBINAR



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"Closing the Gap Between Design and Build"

Date: Wednesday 16th January 2013
Time: 12:30 - 14:00 (GMT)
Venue: K501, Buchanan House, Glasgow Caledonian University, Glasgow, G4 0HG.

Summary:

There are discussions over how best to measure the performance of a building and in what ways it should be assessed. There are standards that will address quality related matters in the building design and build; for example Passive House, Code for Sustainable Homes, BREEAM, regional building regulations and others. These standards have a similar goal; to lower the impact of buildings on a site and to lower the demand of energy creating a more environmental design.

The above are design lead standards of which minimal post-construction evaluation is performed. This sort of testing would be useful to a client and user to get a better understanding of whether what was built is really what was designed. Physically and aesthetically the buildings can be as shown in the graphical representations of a design; it is whether the performance and energy efficiency is as predicted that should matter.

It is therefore recommended through the analysis of this paper and the review of other documents and references, that in order to verify if the building is performing and considering all aspects of an energy and ecological standard it should be assessed not only with energy predicted software and calculators but also by conducting post-construction assessments before occupation and during occupation and thereafter graded upon the results.

This webinar will present the outcomes of this recent study

Speakers:

Julio Bros-Williamson
Edinburgh Napier University

Dr Cameron Purdie
The Morrison Partnership

Booking:

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

WEBINAR



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"Sustainability & Energy Efficiency of three new build dwellings in Aberdour"

Date: Wednesday 23rd January 2013
Time: 12:30 - 14:00 (GMT)
Venue: K501, Buchanan House, Glasgow Caledonian University, Glasgow, G4 0HG.

Summary:

Energy modelling for the three dwellings was undertaken to establish heating and power demand. These figures were used to compare against Scottish Building Standards Section 7 and Passive house design requirements. Each dwelling was virtually constructed using the plans, elevations and elemental build-up of the dwelling's envelope as provided by the architect.

Assessment of the site ruled out a number of technologies pertaining to hydro and wind.

Complexities arise when considering the power demand during night time or times during low seasonal positioning of the sun. To achieve the off-grid aim the PV system requires additional equipment, batteries and solar regulator to enable storage of generated power to meet 24 hour demand. Snow fall presents a particular issue during the winter preventing the system to generate the simulated energy demand. It is important to be conscious that energy would be produced during the day but mainly used during the night and with a higher demand for lighting and other electronics during the darker winter period.

Therefore a secondary feasibility study was conducted investigating the potential and economic implications of connecting the site to the national electricity grid. The main feed would be the use of the grid as a back-up to electricity demand, this also provides higher revenue in tariff revenue and requires less equipment investment (does not require batteries and solar regulator).

The outcomes of this feasibility study are to be utilised to create a projection towards the design and implementation of micro-renewable technology in the dwellings. The results of this study will portray the feasibility of the technology in terms of its sizing and operation and its potential return on investment.

This webinar will present the outcomes of this recent study

Speakers:

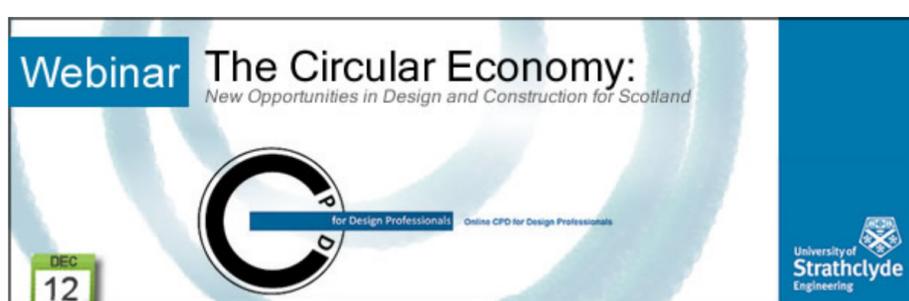
Jon Stinson, Julio Bros-Williamson
Edinburgh Napier University

Stuart Hannah
Finex Joinery

Booking:

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

PARTNER / OTHER EVENTS



Live Webinar:
"The Circular Economy: New Opportunities in Design and Construction for Scotland"

Wednesday 12th December 2012 at 10.30am – 12 noon.

The University of Strathclyde would like to invite you to attend the Online CPD event entitled "The Circular Economy: New Opportunities in Design and Construction for Scotland." This CPD event is a follow on from an earlier conference of the same title where Dame Ellen MacArthur of the Ellen MacArthur Foundation joined presenters from organisations such as Zero Waste Scotland, National Grid and Page/Park Architects.

The Online CPD will take the form of a live webinar. A webinar is an online seminar or conference where you will be able to view presentations and listen to speakers from the comfort of your own workplace or home via your computer. This webinar is also interactive so you will be able to send through questions for any or all of the panellists in a live Q&A session.

The webinar will be held from 10:30am till 12:00pm on Wednesday 12th December. It will comprise a 45 minute video edited from the conference in June, featuring the keynote speech by Dame Ellen MacArthur as well as exclusive material from circular economy workshop sessions. It will then be followed by a discussion and question session with a number of professionals in the areas of waste, resource use and design, lasting 45 minutes. A number of resources, links and outputs from the June conference will be made available to all participants prior to the event so you have a chance to be familiar with the materials before joining the webinar.

The cost of the Online CPD webinar is £30 for 3 hours CPD time. A CPD certificate will be issued by to all registrants by email following the event.

Registration is now open and closes at 10:30am on Tuesday 11th December. To register, please visit the Online CPD homepage <http://www.strath.ac.uk/dmem/businessandindustry/onlinecpd/> and book through the University's online shop.

More information on the CPD event can be found in the 'Conferences and Event' section under 'the Department of Design Manufacturing and Engineering Management', or by clicking this link <http://goo.gl/PWwe4>

Edinburgh Centre for Carbon Innovation workshops

8th January 2013, "Global Strategies for Ambitious Entrepreneurs", in partnership with The Royal Bank of Scotland Group, a half-day programme looking at the success story of Arbnb and their journey starting from the Y-Combinator incubator programme, <http://globalambition.eventbrite.com/>

9th and 10th January 2013, "Clean Energy Entrepreneurship and Investment", a two-day executive education programme which has the Distinguished Lecture on the evening of the 9th factored in to the agenda. <http://www.carbonentrepreneur.com/>

11th January 2013, "Open Innovation for a Low Carbon Economy", a half-day workshop with distinguished speakers from Iberdrola, IBM and Entrepreneurship Ventures, Inc. <http://energy-innovation.eventbrite.com/>

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Throughout 2012, we will be delivering webinars and marketing them to professional audiences in international networks and groups. All webinars are saved as video recordings and accessible **FREE** to everyone on our mailing list which is expanding daily. Sponsor's information, logos and links will remain within each video recording. Please see the [list of Forthcoming Webinars](#) planned to date to select the one you would like to sponsor

The event adverts are published on our website, e-news and in many professional networking groups.

As our events provide excellent opportunities for marketing, we would like to invite sponsorship. Sponsorship fee of £350 per event will provide the following marketing:

- Company logo and a link to website in the event advert.
- Company sponsorship acknowledged at the introduction of the seminar.
- Company logo included on the webinar screen and the video recording.
- Company logo and a link to website in the event summary that will be published in Innovation Review, our quarterly online magazine available at our website www.cicstart.org

If the above proposal is of interest to you, please contact Craig Bishop on 0141 273 1401

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.



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