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"Solar wall systems for domestic heating - an affordable solution for fuel poverty"

**Date:** 6th May 2011

Time: 12:30 - 14:00 (BST, GMT+1)

Venue: Seminar Room K505, Buchanan House, Glasgow Caledonian University, 58 Port Dundas

Road, Glasgow, G4 0HG.

# **Summary:**

The aim of this study was to test a number of key variables of a solar wall heating system currently under development, to maximise solar heat collection in the context of Scottish weather and heavy buildings built with solid walls (pre-1919 buildings account for 20% of the housing stock in Scotland).

The study has quantified the thermal effect of internal solid walls used as thermal storage for solar heat in tenement flats for all-day usage; optimised the device to maximise heat exchange between the wall and hot water from the solar panel; provided a modelling tool to enable a Solar Warm Wall system to be designed to suit individual buildings (either new or retrofit); and estimated costs of system implementation.

# Speakers:

**Dr Fan Wang**, Heriot Watt University **Nicholas Heath**, Changeworks









# "Assessment and application of Zero Carbon Building in Scotland"

**Date:** 27th May 2011

**Time:** 12:30 - 14:00 (BST, GMT+1)

Venue: Seminar Room K505, Buchanan House, Glasgow Caledonian University, 58 Port Dundas

Road, Glasgow, G4 0HG.

#### Summary:

The feasibility study involved investigation of recently published guidelines into the definition of 'Zero carbon' by the government and a comparison with 'true' zero carbon buildings. The study uses the proposed Riccarton Ecovillage on the campus at Heriot-Watt University to provide the sample building used for the detailed analysis and assessment parts of the study. Heriot-Watt University and IES worked together using IES's Virtual Environment software to perform predictions of carbon emissions.

### Speakers:

**Prof. Sue Roaf,** Heriot Watt University **Dr David McEwan,** IES Ltd

#### SEMINAR FEE SUBSIDY

The seminar fee may be 50% funded by Skills Development Scotland if the business employs less than 250 people and meets Skills Development Scotland's criteria. After booking the course, please contact Shirley.mcgregor@cskills.org or call 0300 456 8731.







# WEBINAR SPONSORSHIP

To date, CIC Start Online has attracted 700 members from 520 organisations comprising construction clients, building designers, contractors and other professionals with business links to the sector.

The event adverts are published on our website, e-news and in a range of online publications read by Scottish and UK wide audience such as Scottish Construction Now (daily e-news), Scottish Construction Centre portal, Energy Efficiency Learning Network for members of Scottish Federation of Housing Associations, Urban Realm online, Towards Transition Glasgow online, Sustainable Scotland Network online newsletter, Sustainable Scotland e-news, Scottish Sustainable Development Forum website and e-news, CIOB on Facebook, Interface website and e-news, Building.co.uk website and e-news.

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@gcu.ac.uk or 0141 273 1401.

## SUSTAINABLE BUILDING DESIGN AND REFURBISHMENT

CIC Start Online is widening its range of services by offering to our members the following:

- 'member to member' promotional seminars/interactive webinars to provide a showcase for your

company's products or services for sustainable building design and refurbishment (held from 12.30-14.00)

- **promotional videos** (3-5 minutes) for inclusion in the webinar and for the member's independent us, e.g. on your website or marketing material.

For more details and pricing on these two services, please contact Craig Bishop, cbishop@cicstart.org

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





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