



**Webinar + seminar**  
**19th October 2011**

**Optimisation of economic, environmental and energy savings in buildings**

Logos: CICSTART ONLINE, Edinburgh Napier UNIVERSITY, GEOCAPITA



**"Optimisation of economic, environmental and energy savings in buildings"**

**Date:** 19th October 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 need for an energy modelling and decision making tool that aims specifically to buildings outside the residential and commercial sectors was identified as a result of the regular project work undertaken by GEOCAPITA INVESTMENTS LTD. It is clear that there is a lack of data available in energy intensive industrial sectors such as industrial facilities, transportation projects and research and development complexes. In order to collect this data and to turn it into a usable form, the Edinburgh Napier University team has been commissioned to undertake research and to develop a design tool for use by a practicing investment company.

This project investigates the feasibility of the use of Low or Zero Carbon Energy Sources (LZCES) in the built environment and the development of an innovative software tool.

A collection of manufacturers' data from various LZCES was carried out in order to test the performance of the software tool. Energy, economy and CO2 saving simulations were done on a number of LZCES systems. A final assessment of the number of different options and their impact on the cost, energy and CO2 saving was performed in order to assess the best combination possible.

The developed software allows the selection of low and zero carbon energy sources (LZCES) in buildings (residential and commercial). It allows defining the optimum combination of LZCES in the building with the 3 variables to be analysed being: Energy - Environment - Economy (Financial costs)

Full text available at [www.cicstart.org](http://www.cicstart.org)

**Speakers:**

**Douglas Prentice**, GeoCapita Investments Ltd  
**Dr Aymeric Girard**, Energy & Environment Consultant

**Booking:**

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

**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.



## CONGRATULATIONS!

At the Scottish Green Awards 2011, **Changeworks** won the award for "Best green public service / public sector provision". Another CIC Start Online member, **Powerwall Space Frame Systems**, was nominated in the category "Best Green SME". Both organisations are currently collaborating with Scottish universities through CIC Start Online and we congratulate them in their recent success at the Scottish Green Awards.

## WEBINAR SPONSORSHIP

To date, CIC Start Online has attracted 800 members from 600 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](http://www.cicstart.org).

If the above proposal is of interest to you, please contact [Craig.Bishop@gcu.ac.uk](mailto:Craig.Bishop@gcu.ac.uk) or 0141 273 1401.

## INTERNATIONAL ASSOCIATION OF PEOPLE ENVIRONMENT STUDIES

The International Association of People Environment Studies ([www.iaps-association.org](http://www.iaps-association.org)) has been involved in research around people and their environments since 1981. Over this time it has organised a series of International Conferences on current and important environmental and societal issues which contributed to advancements in the field and to the development of a strong network of world leading researchers. Specific areas of interest include built and natural environment, behaviour and attitudes, environmental impact and assessment and involve disciplines such as geography, architecture, environmental psychology, planning, urban design, social sciences to name but a few.

30 years on, IAPS aims to bring together the latest developments in research, practice and policy to discuss their needs, synergies and potential.

Its 22nd Conference, jointly organised by the University of Strathclyde, the University of West of Scotland and the University of Sheffield, will be held in Glasgow (24-29th June 2012) on the theme "Human Experience in the Natural and Built Environment: implications for research, policy and practice". The organisation of this event is in full swing and we have an exciting scientific and social programme planned, which you can see by visiting the conference website at [www.iaps2012.org.uk](http://www.iaps2012.org.uk)

The Conference will feature three internationally renowned keynote speakers: Professor Habel Hamdi, world famous for his leadership in participatory action planning; Professor Gary Evans, Elizabeth Lee Vincent Professor of Human Ecology; and Professor Ian Bentley, author of Responsive Environments, Identity by Design, Urban Transformations (see their areas of expertise on our website). Moreover, it will be supported by a varied and distinguished Scientific Committee which will

reflects the themes of the conference across research, practice and policy-making. Please visit the Scientific Committee page to see members' biographical details.

The Conference will be preceded by the now well established Young Researchers' Workshop which aims to offer young researchers a stimulating environment where to discuss their research and be coached by well known IAPS members. A photographic exhibition will also be a prominent feature of the conference week and details about how to participate in this year's theme of "Constructed Memories" are listed on the Website. We also have a range of exciting study tours guided by researchers and practitioners personally involved in each of the sites (through research or development) which will make the tours truly invaluable and rich experiences.

IAPS Association look forward to receiving your submissions of papers, posters, symposia, and case studies. Please remember that the deadline for submission is 31st October 2011.

**Ombretta Romice**, University of Strathclyde - IAPS President

**Edward Edgerton**, University of West of Scotland

**Kevin Thwaites**, University of Sheffield

For more information: [iaps2012.glasgow@gmail.com](mailto:iaps2012.glasgow@gmail.com)

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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