

Shifting from Net Zero to Net Positive

Monday, 14 April 2014

7:00 pm - 8:30 pm

The Hong Kong Management Association (HKMA),
4/F, Pico Tower, 66 Gloucester Road,
Wan Chai, Hong Kong

**1.5-hour
Credits**

**Mandatory
CPD Credit
for BEAM Pro**

Over the past decade, numerous building projects have been presented as having “net zero” energy performance. Such claims have been made using a variety of different approaches - onsite and off-site renewable energy technologies, purchasing green energy credits, etc. Efforts have subsequently been directed at formulating clear definitions of net zero and these have provided some degree of clarity and theoretical framing. The emerging notion of “**net positive energy**” buildings which, if considered as more than simply being an extension of net-zero energy, raises a host of theoretical and practical issues and introduces several new design considerations and possibilities.

This presentation is directed at the consequences of viewing the role of a building in adding value to its context and systems in which it is part. Rather than considering only the generation of more exporting energy versus its importation to individual buildings or the grid, the emphasis shifts to the maximization of energy performance in a system-based approach. Net Positive Energy approaches open a host of new technical, behavioural, policy and regulatory issues and opportunities not currently evident with Net Zero Energy buildings. These challenge the primacy of “individual” buildings as the most effective unit to make significant energy gains and the current expectation that each and every building should be required to attain net zero performance.

Speaker

Dr Raymond J Cole

Ray Cole is a Professor and past-Director of the School of Architecture and Landscape Architecture at the University of British Columbia and the Academic Director of University of British Columbia (UBC)'s Centre for Interactive Research on Sustainability (CIRS). Although his education is in engineering and science, Dr Cole has spent the majority of his career in the field of architecture and is an Honorary Member of the Architectural Institute of BC and a Fellow of the Royal Architectural Institute of Canada.



Dr Cole has received numerous academic and professional awards and distinctions for his research, teaching and leadership activities in the field of green building. He holds the designation of North American Association of Collegiate Schools of Architecture Distinguished Professor and UBC Distinguished University Scholar. Dr Cole is a past Director member of the Canadian Green Building Council; a Cascadia Fellow; a recipient of the US Green Building Council's Green Public Service Leadership Award, the AIBC's Barbara Darymple Memorial Award for Community Service, the Sustainable Buildings Canada's Life-time Achievement Award and the Canada Green Building Council's Lifetime Leadership Award. Dr Cole was a recipient of the 2013 World Green Building Council Chairman's Award.

Programme

6:30 pm - 7:00 pm Registration with refreshment

7:00 pm - 8:30 pm Seminar

Registration

Deadline 13 April 2014 **NOON**

Website <http://www.hkgbc.org.hk/eng/events/20140414-Mandatory-CPD.aspx>

Fee

HK\$300 (HKGBC Members)

HK\$450 (Non HKGBC Members)

**110 Seats
ONLY**

Priorities will be given to HKGBC Members

First-come-first-serve

Enquiry **3994 8831**

BEAM Pro CPD Guidelines:

<http://www.hkgbc.org.hk/eng/hkgbc-cpdmain.aspx>

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