



Hong Kong Zero Carbon Partnership

International Seminar

# Technology and Innovation for Zero Carbon Building

1:30pm – 5:30pm, Wednesday 14 December 2016  
Wang Gungwu Theatre, Graduate House, The University of Hong Kong

## About the event

The zero carbon building approach has been adopted in many countries as a government strategy for addressing climate change. Technology and innovation are crucial to the delivery of zero carbon buildings, and addressing the challenges requires the socio-technical systems approach to be embedded in all stages of buildings' life cycle including planning, design, procurement, construction and facility management. This event is organised under the Hong Kong Zero Carbon Partnership funded by the Construction Industry Council (CIC). The Partnership aims to help position Hong Kong as a world-class knowledge-based, innovation-driven and multi-stakeholder-engaged hub for zero carbon building in urban environments. The Partnership has attracted support from a wide range of stakeholder groups covering the demand, supply, regulation and institution aspects of buildings. The event will feature renowned international and local speakers to share the state-of-the-art technology and innovation for low or zero carbon buildings, and enable a continuous dialogue on our journey towards zero carbon and sustainability.

### Organised by:



### Co-organised by:



Centre for Innovation in Construction & Infrastructure Development  
The University of Hong Kong

### Supported by:



Gary Soo's Chambers



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## Event Rundown

1:30 – 2:00pm	<b>Registration</b>
2:00 – 2:05pm	<b>Welcome Speech</b> <i>Dr Wei Pan, Project Director, Hong Kong Zero Carbon Partnership</i>
2:05 – 2:15pm	<b>Opening Speech</b> <i>Ms Christine Loh, Under Secretary for Environment, HKSAR Government</i>
2:15 – 2:25pm	<b>Photo Session</b> <i>(Moderated by Ir Prof CK Mak, Vice Chairman, CICID)</i>
2:25 – 2:50pm	<b>Delivering Zero Carbon Buildings: The Case in the UK</b> <i>Prof Phillip Jones, Head of Welsh School of Architecture, Chair in Architectural Science, Cardiff University, UK</i>
2:50 – 3:15pm	<b>Achieving Low or Zero Carbon Buildings: The Case in Australia</b> <i>Prof Deo Prasad, Chief Executive Officer, Low Carbon Living CRC, Australia</i>
3:15 – 3:40pm	<b>Subtropical High-density Zero Energy Buildings in Singapore</b> <i>Dr Chun-ping Gao, Director of Green Building Innovation Cluster, Building and Construction Authority, Singapore</i>
3:40 – 4:00pm	<b>Refreshments</b>
4:00 – 4:25pm	<b>Achieving Low or Zero Energy Buildings: The Case in US</b> <i>Prof Chimay Anumba, Dean of College of Design, Construction &amp; Planning, University of Florida, US</i>
4:25 – 4:45pm	<b>Net-Zero Energy Buildings and Automated Technology</b> <i>Prof Thomas Bock and Dr Thomas Linner, Chair of Building Realization and Robotics, Technical University Munich, Germany</i>
4:45 – 5:05pm	<b>Design and Operation of Zero Carbon Building in Hong Kong</b> <i>Zero Carbon Building, Construction Industry Council, HKSAR</i>
5:05 – 5:25pm	<b>Plenary Session</b> <i>Prof Jones, Prof Prasad, Dr Gao, Prof Anumba and Dr Linner; moderated by Ir Prof Sam Chan, The University of Hong Kong</i>
5:25 – 5:30pm	<b>Closing Remarks</b> <i>Prof Thomas Ng, Executive Director, CICID, The University of Hong Kong</i>

Participation in this event is FREE of charge, but advanced registration is required:

[https://hkuems1.hku.hk/hkuems/ec\\_hdetail.aspx?quest=Y&ueid=46695](https://hkuems1.hku.hk/hkuems/ec_hdetail.aspx?quest=Y&ueid=46695)

Information on the seminar series of the Partnership is available at <http://www.hkzcp.org/> and [http://www.civil.hku.hk/cicid/3\\_events.htm](http://www.civil.hku.hk/cicid/3_events.htm). For enquiry on this event, please contact Ms. Ruby Kwok ([ppps@hku.hk](mailto:ppps@hku.hk), +852 2219 4986) or Ms Mi Pan ([panmi@hku.hk](mailto:panmi@hku.hk)) of Department of Civil Engineering, The University of Hong Kong.

**Joining Hong Kong Zero Carbon Partnership** [www.hkzcp.org](http://www.hkzcp.org)

Should you be interested to join the Hong Kong Zero Carbon Partnership, please visit <http://www.hkzcp.org/about-us/join-us/>, or contact Dr. Wei Pan of Department of Civil Engineering, The University of Hong Kong at [wpan@hku.hk](mailto:wpan@hku.hk), +852 2859 2671.