

Building a Sustainable Future

AN ENRICHING LECTURE
BY PROF. PHIL JONES



Department of Building
Services Engineering, PolyU



CIBSE, HK Branch



The Hong Kong Institute of
Facility Management



BSOMES
Building Services
Operations & Maintenance
Executives Society

Lecture Highlight

Sustainability is primarily aimed at maintaining a good quality of life for people, now and in the future. The environments created in and around buildings are where people spend the majority of their time, and these environments need to be healthy, comfortable and safe. The built environment is therefore a key factor in the move towards sustainable development. Buildings are one of the major users of energy from fossil fuels for cooling, heating, ventilation and lighting. They also consume large quantities of material resources and produce 'mountains' of waste during their construction and refurbishment, throughout their operating lifetime, and in their eventual demolition. However, it is not just buildings by themselves that impact on the environment and quality of life: their relationship with the urban infrastructure also contributes to overall sustainability. Transport systems, water and sewage treatment, green/blue structures, and energy supply systems all play a part.

This lecture will explore how we might approach 'building a sustainable future', identifying criteria for the design and construction of new buildings, how the existing building stock can be managed and what developments there are in our approach to a sustainable built environment.

Speaker

Professor Phil Jones is currently the Head of School and Director of Architectural Science in the Welsh School of Architecture, Cardiff University in the UK. He leads a research group which investigates sustainable design and energy use in the built environment. He is President of the International Society of the Built Environment (ISBE) and is a member of the UK Building Regulation Advisory Committee, where he chairs working groups on Conservation of Fuel and Power and Ventilation.

Registration & Enquiry

There is **no charge** for the lecture. To register please call 2766-5849; registration is on a first-come-first served basis. The deadline of application is 12 March, 2005. A **CPD certificate** will be given upon request. Light refreshment will be provided before the lecture.

CONTACTS

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Date : 16 March 2005 (Wednesday)

Venue : Theatre HJ 304, The Hong Kong Polytechnic University

Time : Refreshment 6:30 –7:00pm

Lecture 7:00 - 8:00 pm