



Public Lecture

The Clean Development Mechanism (CDM) and Greenhouse Gas Reductions of Station Precinct/Transit-oriented Developments

Professor John Black University of New South Wales and University of Sydney

 $\label{eq:wednesday} Wednesday, 25 \ February \ 2009 \ (18:30-19:45)$ CILTHK Office, 7/F., Yue Hing Building, 103 Hennessy Road, Wanchai, Hong Kong

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Abstract: The Clean Development Mechanism (CDM) is an arrangement under the Kyoto Protocol allowing industrialized countries with a greenhouse gas reduction commitment to invest in projects that reduce emissions in developing countries as an alternative to more expensive emission reductions in their own countries. Currently, most adaptation strategies for climate change are subsumed under a broader objective of sustainable urban development, or more specifically "sustainable urban transportation" whose goals include cleaner air, partially achieved with policies for a more compact city developments around good public transport services that help to reduce trip lengths and reducing auto-mobile dependency (the Americans call it "transit oriented development", or TOD). The experience of Hong Kong with developments above MRT stations provide exemplary models that are often overlooked and could help in the formulation of a generable assessment methodology for CDM. The challenges of clean development mechanisms and approved methodologies for greenhouse gas reductions from station precinct and TOD developments are the main topics of the lecture.

About the Speaker:

Prof. John Black, BA (Hons), MTCP, PhD. FEA is Visiting Distinguished Professor at Tohoku University, Japan, where he is researching climate change, risk analysis and Northeast Asian cities. He is also the Emeritus Professor of Transport Engineering at the University of New South Wales, an Adjunct Professor of the Planning Research Centre at the University of Sydney. He has 35 years experience as a high-level consultant to governments and the private sector and as an academic. Currently, he is a member of the Station Location Review Panel for the proposed Sydney Metro, a member of the peer review panel for the Australian Capital Territory Government on light rail in Canberra, and is involved with Indonesian colleagues in the reform of the Indonesian transport sector that includes the proposed Jakarta MRTS funded by the Japan Bank for International Cooperation. At Sydney University, he recently directed a major study for the New South Wales Government on transit oriented developments (TOD) adjacent to bus ways in low density suburban environments.

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