



**ENVIROSERIES**

A Forum for Sustainable Development

# Living Under Blue Skies

## Power and Transport Infrastructure in the Pearl River Delta

May 12, 2005

Marco Polo Hongkong Hotel



Organized Jointly by:



CIWEM HK

THE CHARTERED INSTITUTION OF  
WATER AND ENVIRONMENTAL MANAGEMENT  
HONG KONG





# C1- Living Under Blue Skies : Power and Transport Infrastructure in the Pearl River Delta

12 May 2005, 8.30 – 17:00, Centenary Room, G/F, Marco Polo Hongkong Hotel, Harbour City, TST, HK.

Clear emission control targets and measurement systems have been agreed between Hong Kong and Guangdong Province to reduce emissions of Sulphur Dioxide (SO<sub>2</sub>), Oxides of Nitrogen (NO<sub>x</sub>), Respirable Suspended Particulates (RSP) and Volatile Organic Compounds (VOCs) by 40%, 20%, 55% and 55% respectively by 2010, from a 1997 baseline year.

This conference will explore the key challenges in achieving emission control targets in the Pearl River Delta (PRD) whilst delivering a secure, reliable and affordable power supply and a comprehensive transport network that facilitates free trade and economic development on both sides of the HKSAR boundary.

The key challenges, and the processes and institutions required to ensure that we outperform our targets will be explored in three sessions addressing Transport Infrastructure, Power Infrastructure and Cross-Boundary Cooperation and Coordination, giving key regard to how we can ensure that Power and Infrastructure Projects are sustainable on an individual basis, as well as in an integrated manner.



## Program

**08:30 Registration**

**09:00 Welcome Speech**

**Mr. Andrew Long**, Chairman, Business Environment Council and Chief Operating Officer, The Hongkong & Shanghai Banking Corporation Limited

**Ms. Luciana Wong**, Chairperson, The Chartered Institution of Water and Environmental Management Hong Kong

**Keynote Speech**

**Mr. K. K. Kwok**, Permanent Secretary for the Environment, Transport and Works (Environment), HKSAR Government

**09:30 Session 1 - Transport Infrastructure**

**Moderator - Mr. C.K. Lau**, Executive Editor (Policy), South China Morning Post

**Transport policy and development in the PRD**

**Mr. Fred Brown**, Chief Executive Officer, MVA Group

**The Hong Kong - Shenzhen Western Corridor Project - impacts on the environment**

**Mr. Chan Siu-Yuen**, Associate Director, Ove Arup & Partners Hong Kong Limited

**The Hong Kong - Zhuhai - Macao Bridge Project - Hong Kong's gains and losses**

**Mr. Lam Chiu-hung**, Project Manager, Highways Department, Hong Kong-Zhuhai-Macao Bridge Hong Kong Project Management Office

**Moving goods around the PRD - a terminal operator's perspective on tackling air quality issues in the PRD**

**Mr. Kenneth Ying**, Executive Director, Hongkong International Terminals

**Traffic and vehicle growth trends in the PRD - blue skies in the future?**

**Dr. Hung Wing-tat**, Associate Professor, Department of Civil and Structural Engineering, The Hong Kong Polytechnic University

**12:15 Lunch Session**

**The health costs of poor air quality in Hong Kong**

**Prof. Anthony Hedley M.D.**, Chair of Community Medicine, The University of Hong Kong

**13:45 Session 2 - Power Infrastructure**

**Moderator - Ir. C.F. Wong**, Director, Hong Kong Association of Energy Engineers

**Emerging trends in the PRD power sector**

**Mr. Bill Ruccius**, President & CEO, BR Consultants

**Electricity supply in the PRD - implications for Hong Kong**

**Mr. C.T. Wan**, Director & General Manager (Corporate Development), The HongKong Electric Company Limited

**Implications of cross-boundary linked power for Hong Kong's air quality**

**Mr. Richard Lancaster**, Commercial Director, CLP Power Hong Kong Limited

**15:30 Session 3 - Cross-Boundary Cooperation and Coordination**

**Moderator - Mr. Paul Zimmerman**, Executive Director, MF Jebsen International Limited

**One country, two systems, many projects - the business and environmental realities**

**Ir. Leo K K Leung**, Executive Director, Hopewell Highway Infrastructure Limited

**Institutional arrangements and transboundary environmental management**

**Dr. Yok-shiu F. Lee**, Associate Professor, Department of Geography, The University of Hong Kong

**Government to government (G2G) initiatives in tackling cross-boundary air pollution**

(Speaker to be confirmed)



## Session 1 - Transport Infrastructure

An evolving set of strategies have been designed to provide good transport systems and services providing economic growth, while keeping the environmental impacts within acceptable limits. Or as noted in the Third Comprehensive Transport Study (CTS3): "To provide a framework on which Government can develop a balanced transport strategy to facilitate the mobility of people and goods of Hong Kong in an environmentally sustainable manner."

This session will review existing and future passenger and freight transport systems in the PRD with reference to current proposals and government policies. It will also address evolving questions such as how we ensure that impacts from projects such as: Tong Gu shipping channel, the Hong Kong-Zhuhai-Macau Bridge, the Hong Kong-Shenzhen Western Corridor, new boundary crossings, and container terminals etc., are individually and collectively controlled.

## Session 2 – Power Infrastructure

Ongoing rapid economic growth in PRD continues to lead to great demands for energy. On the other hand, consumers are facing a shortfall in the energy supply and rising oil and gas prices. More and more major consumers are using their own generators to power their operations.

This session will look at the current situation in Guangzhou, Dongguan and Foshan, where the majority of the factories are located, and present an outlook for the delivery of new power generation capacity. Speakers will be asked: Why is there a power shortfall, and when will this be resolved? What fuels will be used and how will this impact air quality in the Pearl River Delta? And, What will be the appropriate long-term strategy for clean power?

## Session 3 – Cross-Boundary Cooperation and Coordination

This wrap up session will provide an opportunity to discuss the key challenges being faced in terms of cross-boundary cooperation and coordination, and how the key objectives for economic development and environmental protection can be achieved.

Speakers will consider: What cross-boundary structures are being planned to support the speedy implementation of quality solutions? What systems of coordination and cooperation are required to enable quality decisions? How can we achieve truly sustainable solutions – providing quality transport, clean power, and a quality living environment for all?



## Organizing Committee

**Andrew Thomson**

Chief Executive Officer, The Business Environment Council

**Luciana Wong**

Chairperson, The Chartered Institution of Water and Environmental Management Hong Kong

**Bill Barron**

The Centre of Urban Planning and Environmental Management  
The University of Hong Kong

**Jimmy Leung**

President, Hong Kong Institute of Planners

**Paul Zimmerman**

Convenor, Designing Hong Kong Harbour District  
Principal, The Experience Group  
Executive Director, MF Jebesen International

**Damien Ku**

International Vice President, CIWEM HK

**Albert Cheng**

Committee Member, CIWEM HK

**Andrew NY Yuen**

Committee Member, The Hong Kong Institution of Engineers  
(Environmental Division)

**Eden Ngan**

Committee Member, CIWEM HK

**Natalie Ip**

Environmental Specialist, The Kowloon-Canton Railway Corporation

## About the Organizers

**The Business Environment Council** is a leading independent cross-sector business association in Hong Kong advocating sustainable development. Our aim is to balance economic, social and environmental interests whilst empowering competitiveness. We are a regional partner of the World Business Council of Sustainable Development.

Established in 1989, the Council has expanded to a network of more than 10,000 companies, offered more than 700 environmental programs, benefited more than 70,000 professionals, assessed almost 100 buildings totaling 53 million sq.ft., organized Hong Kong Awards for Industry in Environmental Performance for 13 years, to name a few. For further information, please visit [www.bec.org.hk](http://www.bec.org.hk).

**The Chartered Institution of Water and Environmental Management (CIWEM)** is a U.K. based organization which dates back to 1895. It was granted a Royal Charter in 1995. CIWEM is the leading professional and qualifying body for those who are responsible for the stewardship of environmental assets. The Institution provides independent comment, within a multidisciplinary framework, on the wide range of issues related to water and environmental management and sustainable development.

Corporate Members and Fellows are titled as 'Chartered Water and Environmental Manager'. The institution can register qualified members with the Science Council (UK) as 'Chartered Scientist' (CSci); the Engineering Council (UK) as 'Chartered Engineer' (CEng) and Society for the Environment as 'Chartered Environmentalist'.



## About EnviroSeries

Initiated by the Business Environment Council, EnviroSeries has become a central platform for the broadest range of stakeholders and experts to discuss, debate and build capacity on topics of environment and sustainable development. Every year, the Series receives strong support from corporate sponsors, government endorsers, business and educational institutions.

EnviroSeries 2005 consists of three-full day conferences on Air Pollution (C1), Waste Management (C2) and Urban Regeneration (C3) respectively on 12 May, 8 June and 9 September. As in previous years, these three events will provide a platform for interactive participation, complemented by exhibitions, luncheons, award presentations, workshops and field trips to maximise the benefits for all participants and help inform the broader community.



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## C2 - Sustainable Waste Management :

### Policies, Partnership and Prospects

8 June 2005, 08:30 – 17:00

Recognising that the landfills in Hong Kong will be exhausted within the next decade, we face a critical need to find sustainable alternatives to reduce, recycle and dispose of our waste.

This conference will provide a platform presenting the proposed changes to institutional arrangements for solid waste management, the feasibility of other solutions and opinion from the policy makers, business leaders, and community on these changes. The main themes include:

- Future directions on the local and regional institutional solid waste management policy, from the government, community and business perspectives
- Overview of the latest waste treatment technology and recycling options such as waste pre-treatment, biological treatment and thermal treatment
- Public-private partnership to achieve sustainable waste management such as investment and financing opportunities on improving the recycling and waste management industry

## C3 - Building A Quality Living Environment :

### Sustainable Urban Regeneration

9 September 2005, 08:30 – 17:00

This conference will focus on Hong Kong's unique situation in urban planning regeneration. In particular, emphasis will be placed on effective strategies and solutions available to achieve sustainable urban regeneration, with a perspective on successful overseas models. The ultimate goal of this forum is to engage stakeholders and reveal possible ways forward for Hong Kong as a sustainable community. The main themes include:

- Planning for a sustainable community
- Government's strategy for sustainable urban living space
- Hong Kong's urban status versus other world cities
- Public-private partnerships for urban renewal and case studies



# Registration Form

Enquiry: (852) 2784 3928

Fax: (852) 2784 6699

Mr / Ms / Mrs \_\_\_\_\_ Position \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

BEC Member  CIWEM Member  Other: \_\_\_\_\_

**A) Register for Conference (All conferences will include lunch and be conducted in English)**

Please tick (✓) your choice and complete as appropriate.

Type	One conference	All 3 conferences	Conference			Sub-Total (HKD)
	HKD	HKD	C1	C2	C3	
Regular	1,000	2,700				
BEC/CIWEM Member, NGO	800	2,160				
Student	500	1,350				

**B) Register for Exhibition in the Conference Venue** For details, contact Sharona Chung/Sandy Yip at (852) 2784 3928.

Type	One conference	All 3 conferences	Conference			Sub-Total (HKD)
	HKD	HKD	C1	C2	C3	
Regular	5,000	13,500				
BEC/CIWEM Member, NGO	4,000	10,800				

**C) Advertising in Conference Program** For details, contact Sharona Chung/Sandy Yip at (852) 2784 3928.

Type	One conference	All 3 conferences	Conference			Sub-Total (HKD)
	HKD	HKD	C1	C2	C3	
Back cover	5,000	13,500				
Inside front cover	4,000	10,800				
Inside back cover	4,000	10,800				
Full page	2,000	5,400				
1/2 page	1,000	2,700				

Total Amount (HKD) \_\_\_\_\_

Remarks

- For student rate, please submit a copy of student identity card together with the registration form.
- Booking will only be confirmed with payment on a first-come-first-serve basis.
- An official receipt will be issued upon receipt of the payment and distributed on the day of conference.
- Cancellation will not be accommodated. However, the applicant may nominate a substitute 5 working days before the conference commences.

Signature : X \_\_\_\_\_

**Payment by cheque**

Please send the this form with a crossed cheque made payable to "Business Environment Council Limited"  
Rm 201, 2/F  
Jockey Club Environmental Building  
77 Tat Chee Avenue, Hong Kong

**Payment by credit card**  VISA  MasterCard  AmEx

Please fill in this box and fax this form to (852) 2784 6699

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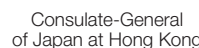
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