

3rd Annual



Sustainable Cities 2011

27 – 30 September 2011
Pan Pacific Hotel, Singapore



Building Liveable Cities of the Future through Green Design and Good Governance

Hear Findings from the Eco-Cities 2011 Global Survey:



Professor Simon Joss
Lead Coordinator,
International Eco-Cities Initiative, United Kingdom

Presentations by Eco-City Master Planners and Sustainability Experts:



Emma Strain,
Head of Environment,
Greater London
Authority, United
Kingdom



Chris Derksema,
Sustainability Director,
City of Sydney, Australia



Paul Katz,
Managing Principal,
Kohn Pedersen Fox,
United States



Malcolm Smith,
Founding Design Director,
Integrated Urbanism,
Arup, United Kingdom



Djoko Prihanto,
Senior Vice President, *Surbana*
Planning Group,
Surbana International,
Singapore



Dan Ringelstein,
Director of Urban Design and
Planning,
Skidmore, Owings &
Merrill, United Kingdom



Dr Saaed Zaki,
Managing Director,
dwp, Thailand



Peter Stueck,
Senior Associate
AEDAS, Singapore

Learn About Sustainable Land Transport Master Planning – The Singapore Experience By:



Dr George Sun,
Deputy Director,
Land Transport
Authority, Singapore

Listen to Japan's Smart City Initiative By:



Yoshifumi Murase,
Director Information Economy
Division, Commerce &
Information Policy Bureau,
Ministry of Economy,
Trade & Industry, Japan

WHAT'S NEW FOR 2011:

- New eco-city projects in Asia, including Indonesia, China and Vietnam
- International case studies from London, Sydney and Japan
- Green retrofits and urban landscaping for existing cities
- Green mobility and transport planning as part of eco-city master plan
- Smart technologies, waste and water management for eco-cities

TOP 5

Reasons Not To Miss This Event:

- Be among the first to hear findings from the Eco-Cities 2011 Global Survey
- Listen to sustainability trends that are shaping future cities
- 10+ city highlights and case studies on eco-city projects from leading master planners and property developers
- A Special Focus Day on the regeneration of cities through green retrofits and urban landscaping
- Learn from Singapore's experience in building a sustainable land transport system as part of a liveable city master plan

PLUS:

LAND TRANSPORT & URBAN MASTERPLANNING TOURS

Tuesday, 27 September 2011

FOCUS DAY ON THE GREEN RETROFITTING AND LANDSCAPING OF ASIA'S EXISTING CITIES

Friday, 30 September 2011

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Day One: Wednesday | 28 September 2011

08:30 **Registration**09:00 **Chairperson's Opening Address****Nicholas Brooke**, *Chairman, Professional Property Services Group, Hong Kong***Megatrends: Globalisation, Urbanisation, Demographic Challenges and Climate Change**09:10 **Integrated Urbanism: Making Places in an Ecological Age**

- The challenge of making places from anew
- How can cities and communities be developed and retrofitted to increase resource efficiency?
- Examples from new cities in Europe, the Middle East and China
- What are the next steps to ensure the right framework for accountable cities?

Thought Leader
Session**Malcolm Smith**, *Founding Design Director, Integrated Urbanism, Arup, United Kingdom*09:50 **Learning from the Past to Plan Sustainable Cities of the Future**

- Historical cities as examples of resource conserving urban development. What lessons can be learned?
- Urban development elements critical in making the cities sustainable
- Bringing about a closer amalgamation of urban economy, environment, technology and architecture to create sustainable cities of the future
- How can present cities be made more sustainable? Some proposals for urban development guidelines.

Thought Leader
Session**Dr Saeed Zaki**, *Managing Director, dwp, Thailand*10:30 **Networking & Morning Refreshments**10:50 **Deriving a Carbon Assessment Framework for Cities**

- A total sustainable solution approach to cities
- Key performance indicators for eco-cities
- Carbon assessment framework for large developments
- Green rating systems at district level
- Role of green buildings in large developments

Dr Uma Maheswaran, *Vice President, Sustainable Development, Jurong Consultants Pte Ltd, Singapore*11:30 **Future Cities Thought Leader and Industry Expert Roundtable**

What does the city of the future look like? How are governments, urban planners, sustainability experts, and other stakeholders facing up to the threat of climate change, rapid urban growth, traffic congestion, waste accumulation, high consumption of non-renewable energy and the need to regenerate aging cities? This session addresses issues of governance, how stakeholders are tackling the critical themes, and it assesses the current tools and resources used to measure sustainability.

Moderator:

Nicholas Brooke, *Chairman, Professional Property Services Group, Hong Kong*

Panelists:

Dr Saeed Zaki, *Managing Director, dwp, Thailand***Malcolm Smith**, *Founding Design Director, Integrated Urbanism, Arup, United Kingdom***Yoshifumi Murase**, *Director Information Economy Division, Commerce & Information Policy Bureau, Ministry of Economy, Trade & Industry, Japan***Emma Strain**, *Head of Environment, Greater London Authority, United Kingdom***Robbert Van Nouhuys**, *Director, ACLA, Hong Kong*12:20 **Lunch****Financing for Asia's Sustainable Cities**13:30 **ADB's Experience on Urban Development Eco-City Financing in China**

- The situation in China
- Recent interventions in urban development financing in China
- ADB's experiences with Nanjing and Wuhan cities

Jingmin Huang, *Urban Development Specialist, Asian Development Bank, Philippines***Green Solutions and Sustainable Cities: Smart Grids, Intelligent Energy Generation and Waste and Water Management**14:10 **Making Cities Work: Sustainable Urban Architecture and Intelligent Urbanisation**

City Highlight

- Various options to improve energy efficiency, eco-friendliness and quality of life
- Public-private collaboration practices that work towards sustainable urban development

Paul Katz, *Managing Principal, Kohn Pedersen Fox, United States*14:50 **Designing Japan's Smart Community**

City Highlight

- Planning for a smart community through ICT and clean energy technologies
- Environmentally friendly vehicles
- Realising next generation networks for homes, automobiles, IT networks, building management
- Energy management systems that enhance energy conservation and utilise renewable energy resources

Yoshifumi Murase, *Director Information Economy Division, Commerce & Information Policy Bureau, Ministry of Economy, Trade & Industry, Japan*15:30 **Developing a Low Carbon Capital – a Holistic Approach Towards Energy Efficiency, Renewable Energy and Waste Management for London**

City Highlight

- London's low carbon economy aspirations and achievements to date: Securing investments, implementing energy efficiency, decentralised energy and energy from waste
- Defining roles and responsibilities in the partnership between public sector, private sector and knowledge institutions

Emma Strain, *Head of Environment, Greater London Authority, United Kingdom*16:10 **Networking & Afternoon Refreshments****2011 Global Survey of Eco-Cities By International Eco-Cities Initiatives**16:30 **Closing Keynote: Findings from the 2011 Global Survey of Eco-Cities**

Via Video Link

- Exploring the governance of eco-city developments
- Why do eco-cities seem to have become globally mainstream in such a short period of time?
- How are eco-cities located, designed and implemented? Can eco-cities be socially and democratically sustainable?
- Findings from the 2011 Global Survey of Eco-Cities

Professor Simon Joss, *Lead Coordinator, International Eco-Cities Initiative, United Kingdom*17:20 **Chairperson's Summary Remarks**17:30 **Cocktail Reception Sponsored By** **Aedas**18:30 **End of Day One****Sponsorship & Exhibition Opportunities**

Increase your corporate profile in front of a target audience at this year's Sustainable Cities event. For a customised package that meets your marketing goals, contact **Catherine Wong** on +65 6508 2469 or email catherine.wong@ibcasia.com.sg





Day Two: Thursday | 29 September 2011

08:30 **Registration**09:00 **Chairperson's Opening Address**Paul James, *Director, Global Cities Institute, Australia***Eco-City Project Showcase: Designing and Building Liveable Sustainable Cities of the Future**09:10 **Moving Sydney to a Low Carbon Future**

City Highlight

- Delivering Sustainable Sydney 2030
- The critical role of "leading by example", helping others to do the same and the implementation of green infrastructure across the city
- Engaging with the state, business and utilities at high level: Issues and challenges
- Outlining the City of Sydney projects

Chris Derksema, *Sustainability Director, City of Sydney, Australia*09:50 **Sustainable Urban Design in Tropical Asia with BSD Green Office Park in Jakarta as an Example**

City Highlight

- The principles and challenges of sustainable urban design
- A comparison of green rating systems in Asia
- The integrated design process
- Case Study: BSD City Green Office Park in West Jakarta

Peter Stueck, *Senior Associate, AEDAS, Singapore*10:30 **Networking & Morning Refreshments**11:00 **Rising to The Challenge of Building Liveable Communities at Higher Densities: Vietnam Case Studies**

City Highlight

- Vietnam's urbanisation challenges and trends in economic growth and infrastructure demands
- Engaging "localism", ensuring identity and addressing the character of the Vietnamese community
- Addressing climate change and mitigating flood risk in Vietnam
- Eco-community projects: Green Tech City in Hanoi and FPT City in Danang

Dan Ringlestein, *Director of Urban Design and Planning, Skidmore, Owings & Merrill, United Kingdom*Ame M. Engelhart, *Director, Skidmore, Owings & Merrill, Hong Kong*11:40 **Chenjia Town Eco-Community: Towards a Greener Neighbourhood**

City Highlight

- Understanding LEED ND as a tool towards developing greener neighbourhoods
- Understanding contextual differences in Asian cities
- Balancing cost, technology and practicality
- Creating a framework for a greener neighbourhood

Djoko Prihanto, *Senior Vice President, Surbana Urban Planning Group, Surbana International, Singapore***Strategies for City Design at a Human Scale**12.20 **City Scale Sustainability: Deliverability at a Local Scale**

- The link between strategic vision and localised standards
- The importance of city scale strategies that understand the realities of setting carbon reduction targets/standards and the systems approach that is required
- How this relates to international certification schemes
- Case studies of how this has been delivered at a local level

Andrew Waddelove, *Cities Manager, PE International, United Kingdom*13:00 **Lunch****Green Mobility and Integrated Land Transport Systems for a Sustainable City Master Plan**14:00 **Sustainable Land Transport System: Singapore's Experiences as Part of a Sustainable City Master Plan**

City Highlight

- Challenges faced by Singapore and the strategies adopted by the Land Transport Authority (LTA) to develop, manage and enhance a sustainable and people-centred land transport system
- Outlining Singapore's sustainable development blueprint for all sectors, including transport

Dr George Sun, *Deputy Director, Land Transport Authority, Singapore***Regenerating Asia's Existing Cities through Green Retrofits**14:40 **The Business Case for Green Retrofits**

- Recognising the value in existing assets and identifying the most cost-effective ways to refurbish
- Practical examples of sustainable upgrade options from HVAC to facades and from established to new technology
- Upgrading your staff to deliver your sustainable promise
- Working with tenants to achieve whole building sustainability
- Case studies of green building retrofits from Australia and Asia with examples from retro-commissioning and tune-ups to whole building refurbishments

Jeff Robinson, *Principal Engineer and Sustainable Buildings Leader, Aurecon Group, Australia*15:30 **Giving New Life to Old Buildings : Insights from a Property Services Group**

- Green retrofits as a holistic approach to a city's sustainability
- Construction practices and educating contractors
- How can fitouts bring in asset values, community satisfaction and productivity

Riccardo Rizzi, *Head of Sustainability, ISIS Group, Australia*16:10 **Networking & Afternoon Refreshments****Vertical Cities and Urban Farming for Sustainable Communities of the Future**16:30 **Designing Asia's Future Vertical Cities: Sustainable Design in Tall Buildings**

- Looking for new urban models for cities that cater to a greater population without compromising quality of life.
- Analysing future trajectories in the design of tall buildings as part of an eco-city master plan

Professor Heng Chye Kiang, *Dean, School of Design and Environment and Advisor, Centre for Sustainable Asian Cities, National University of Singapore, Singapore*17.10 **Considerations into a New Vertical Urbanism: Balancing Social Spaces with Greenery in the Urban Habitat**

Case Study

- The shift from a city to a city of objects
- Space: A commodity worth preserving
- The socio-economic and environmental benefits of greening our urban habitat
- Re-establishing the equilibrium
- Future applications

Jason Pomeroy, *Director, Broadway Malayan Asia, Singapore*17:50 **Chairman's Closing Remarks**18:00 **End of Conference****What Past Delegates Say About Our Green Property Events:**

"I experienced an excellent opportunity to exchange ideas and develop new approaches with Asia's most competent professionals and from many parts of the world. It was definitely worthwhile to participate and extend my network by coming to Sustainable Cities."

- Siemens AG, Germany

"I've never attended a conference where the room is still full on the last day. That's testimony of an engaging programme."

- Woodhead, Australia

"The conference had a good mix of presentations, case studies and panel discussions and provided a good platform for networking, and opportunities of in-depth studies through workshops."

- Singapore Institute of Planners

"This conference is a single point of contact for all building professionals."

- Frasers Centrepoint Ltd, Singapore





LAND TRANSPORT AND URBAN MASTERPLANNING TOURS

Tuesday, 27 September 2011

VISIT TO LAND TRANSPORT AUTHORITY GALLERY: Sustainable And People-Centred Land Transport System as Part of City Masterplan | 9 am – 1 pm

Delegates will tour Singapore's Land Transport Authority's Land Transport Gallery for an overview of the country's sustainable and integrated approach to developing a people-centred transport system. The Land Transport Gallery explains in a fun and interactive way, the developments of land transport over time and how improvements have been made possible. Experience the issues surrounding land transport, in the past and present. Then fast forward to see how the future transportation landscape might be.

Tour Programme:

- Video of LTA's masterplan
- A presentation on land transport planning in Singapore with land use integration
- Participate in a discussion on sustainable land transport
- Interactive tour of the sustainable land transport gallery

VISIT TO MARINA BAY CITY GALLERY: Masterplanning Presentation and Tour of Marina Bay Precinct | 2 pm – 5 pm

With 360 hectares of prime land for development extending seamlessly from the existing Central Business District, Marina Bay is the centerpiece of Singapore's urban transformation that will support its continuing growth as a major business and financial hub in Asia.

Led by a representative from Singapore's Urban Redevelopment Authority (URA), delegates will learn about the masterplanning strategies that took over 30 years to transform a swampy coastline at the mouth of the Singapore River to a vibrant and iconic new downtown.

Delegates will also be guided around the innovative city model at the Marina Bay City Gallery and shown an interactive timeline of the vibrant waterfront development.

Presentation Outline by URA:

- The role of Singapore's Urban Redevelopment Authority (URA) in the national masterplan and the development of Marina Bay
- Planning and development strategies for Marina Bay
- Supporting infrastructure for Marina Bay
- Marina Bay's Waterfront Promenade and future developments
- Place Management of Marina Bay

POST-CONFERENCE MASTERCLASSES: REGENERATING EXISTING CITIES THROUGH GREEN RETROFITS AND URBAN LANDSCAPING

Friday, 30 September 2011

Regenerating Existing Cities Through Green Retrofits

9 am – 1 pm

This add-on focus day addresses the urgent need for planning authorities and other stakeholders to retrofit Asia's cities with eco-friendly building materials and new methods. As buildings and infrastructure in the region's cities age, what can national and state governments, urban planners and business owners do to mitigate the situation and ensure their cities are liveable and meet the green agenda?

This morning session will be led by Jeff Robinson, Principal Engineer and Sustainable Buildings Leader, Aurecon Group with examples of city refurbishment and upgrading projects in Australia and across Asia.

About Your Green Retrofits Presenter:



Jeff Robinson

Principal Engineer and Sustainable Buildings Leader,
Aurecon Group, Australia

Jeff is Aurecon's principal engineer and sustainable design leader for Asia Pacific. He has over 24 years experience, working in London, Ireland and in Melbourne for the last 14 years. Jeff has been involved in the design of a wide variety of building types, including offices, residential, industrial, academic and institutional buildings and has worked on projects in Australia, Africa, the Middle East, Europe and America.

A passionate advocate for the design and renovation of environmentally sustainable buildings, Jeff has been involved in many of the cutting-edge ESD buildings in Melbourne and overseas. He advises clients on the sustainable redevelopment of their Commercial, Public and Educational buildings and has worked on many sustainable refurbishment projects in Australia.

Jeff has been involved in the planning and design of a number of urban regeneration sustainable precinct projects, which he sees as being the way forward for sustainable development.

The City of Melbourne has launched its 1,200 Buildings Programme to retrofit two-thirds of the city's commercial buildings. The first of its kind in Australia, it will be the largest transformation to the city in 160 years.

The Singapore Green Building Council estimates that to meet the country's greening target, at least 6,500 buildings on the island need to be retrofitted over the next 20 years.

Landscaping Strategies for a Sustainable and Liveable Urban Metropolis

2 pm – 5 pm

Urban landscaping contributes to making a city environmentally friendly and liveable. Governments, property developers and owners should aim to bring about noticeable improvements in urban greenery, to enhance existing greened areas, and to enhance opportunities of quality greening during the planning and development of public works projects with a view to achieving the sustainable development of a greener environment.

This afternoon session will be led by Robbert Van Nouhuys, Director, ACLA, Hong Kong who has been involved in the Greening Master Plan of Hong Kong.

What You Will Learn:

- Strategies to improve the coordination and effectiveness of greening efforts and to make greening an integral part of the city's future rejuvenation master plan
- Getting public and private sector buy-in through consultations, feedback and participation
- Greening works for government buildings: roof and vertical greening, and retrofitting roofs of existing government buildings

About Your Urban Landscaping Presenter:



Robbert Van Nouhuys

Director
ACLA, Hong Kong

Robbert Van Nouhuys is an urban designer and landscape architect with more than 25 years experience in planning and design of international award-winning recreation, tourism and residential/commercial development projects in Asia and the Middle East. Over the years, Robbert has developed the specialist skills and expertise of incorporating a strong sustainability approach and concept in all of his projects. His often innovative ideas and attention to detail has led to successful completion of a wide variety of projects, ranging from new capital cities, residential and resort developments, to large-scale tourism and recreation projects. Robbert was involved in the Greening Master Plan for Hong Kong.



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Building Liveable Cities of the Future through Green Design and Good Governance

What is the Future of the City?

More human in scale and conception; more plugged in, smarter and more aware of the human dimension.

“Investing in the greener, more resilient city of tomorrow is an essential insurance policy for a more disaster-prone world. It is one of the smartest, most cost-effective investments we can make in our common future.”

Ban Ki-Moon, United Nations Secretary-General

The United Nations expects 16 out of 27 megacities in the world to be in Asia.

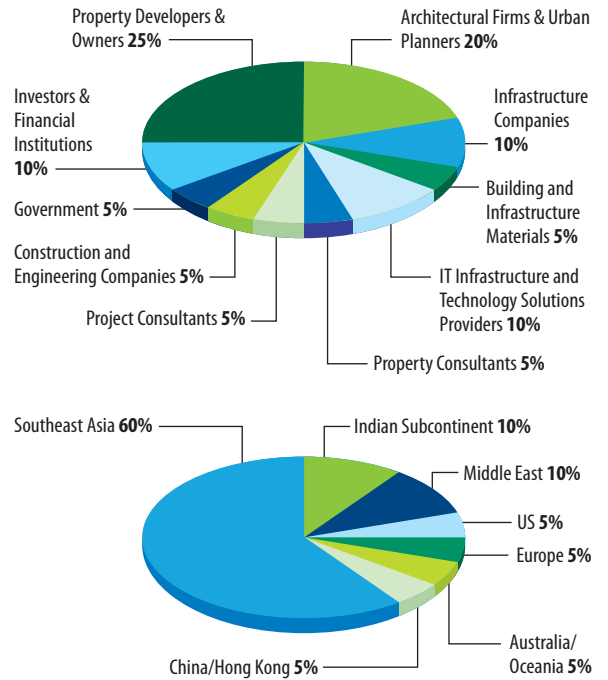
The world's population is currently more than 6.8 billion, and will exceed 9 billion by 2050, according to UN estimates.

Most of those additional people will be born in cities.

With the majority of the world's population living in urban areas for the first time in history, the race is on to design the perfect eco-city. At the same time, governments and businesses recognise the critical need to revitalise their existing cities, and have introduced policies to encourage, incentivise and finance the green retrofitting of these cities.

Join us at the **3rd Annual Sustainable Cities 2011** from 27 – 30 September 2011 and explore how good design and planning can improve city management, drive economic growth, promote sustainable development and deliver a better quality of life.

Who You Will Meet:



Benefit from learning and networking with key industry professionals at the 3rd Annual Sustainable Cities this 27 – 30 September 2011 in Singapore!

At Sustainable Cities 2011, You Will:

- Hear the latest on national and regional government policies and initiatives driving sustainable city development
- Learn sustainable urban master planning strategies by leading architects
- Hear how renewable energy, waste management and water treatment solutions are transforming the way cities are designed, built and managed
- Get updates on sustainable city projects in Asia
- Learn how to integrate green transportation, urban farming and sky gardens into the built environment for a holistic, sustainable approach
- Learn how governments and planners are rejuvenating Asia's existing cities through green retrofits

Sustainable City Project Showcase:



Wanzhuang Eco-City, China



FPT City, Vietnam



Chenjia Town Eco Community, China



Yokohama Smart City, Japan



City of Sydney, Australia



BSD City Green Office Park, Indonesia

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