



Factsheet

WorldCitiesSummit2012

1 to 4 July 2012, Sands Expo & Convention Center, Marina Bay Sands, Singapore
www.worldcities.com.sg

About the World Cities Summit (WCS)

Held from 1 to 4 July 2012, the World Cities Summit is a biennial global event for world leaders and experts to exchange new ideas on liveable and sustainable urban solutions, explore the latest technologies and forge new business partnerships. Based on the theme of “Liveable And Sustainable Cities – Integrated Urban Solutions”, the third edition of the Summit is expected to share new insights and trends on urbanisation challenges around the world.

Since it started in 2008, this biennial high-level global Summit has been attracting top government and industry leaders from around the world. The third run this year is timely given the urgent need for cities to step up their efforts to address mounting urbanisation challenges. The Summit offers a platform for dialogue and learning through sharing of best practices, which offer new insights and perspectives to addressing cities’ unique problems and challenges.

The World Cities Summit is co-organised by the Centre for Liveable Cities and the Urban Redevelopment Authority.

Refer to **Annex A** for an overview of the World Cities Summit programme.

Why focus on integrated solutions

Touching on a new direction for cities of the future, the Summit’s theme is “Liveable and Sustainable Cities – Integrated Urban Solutions”. Explaining the focus on an integrated approach, Mr Khoo Teng Chye, Executive Director of the Centre for Liveable Cities said: “By 2050, 70% of the world’s population will be living in cities. This creates enormous pressure to ensure that infrastructure, housing, services and the environment are able to meet the needs of current and future generations. To tackle these pressures head-on, it is increasingly insufficient to address fundamental challenges on water, environment, waste and other components separately. What will now set cities apart is how they can creatively address these separate



components together as a whole for sustainable growth and a better quality of life." Integrated solutions is about taking a helicopter view towards urban planning as opposed to buying single solutions to meet single needs on water, environment and waste.

Bigger turn-out

A bigger turn-out of more than 3,500 top global leaders is expected for this year's Summit, which will be co-located for the very first time with two other events – the 5th Singapore International Water Week (SIWW) and the inaugural CleanEnviro Summit Singapore (CESS). The co-location of the three events reflects this move towards integration, facilitating deeper discussions on new solutions and ideas in this area.

Some of the key speakers for the World Cities Summit 2012 include Ms Helen Clark, Administrator of United Nations Development Programme, Kamal Nath, India's Minister of Urban Development, and Dr Roland Busch, CEO of Infrastructure & Cities, Siemens AG. High-level industry experts, leading academics and representatives of international organisations from KPMG, IBM, Keppel, Harvard Business School, the World Bank and the World Health Organisation will also participate in the event.

Refer to **Annex B** for key speakers at WCS.

Deeper insights on pressing issues

The Summit is expected to generate new perspectives, insights and directions to be set for the future of sustainable cities. There will be discussions on urbanisation opportunities and challenges over the next 20 years. Other interesting topics that will be raised are investing in cities and new smart cities solutions. There will also be a special focus on development opportunities in India. Major topics that will be covered at the Summit are:

- **Intense Cities:** Achieving levels of urban intensity, not merely density
- **Eco-Cities:** Fad or a sustainable option for cities?
- **Biodiverse Cities:** Sustaining a model of co-existence and conservation
- **Resilient Cities:** Designing System-wide responses to external forces
- **Smart Cities:** Harnessing technology, improving efficiency
- **Mobile Cities:** In search of new urban mobility models
- **Inclusive Cities:** Supporting & integrating a productive ageing community
- **Investing in Cities:** Re-inventing and sustaining cities through public-private partnerships



Refer to **Annex C** for details on the major topics covered at WCS.

More business opportunities

One new aspect of this year's Summit is a stronger facilitation of business collaborations. New In-Focus sessions will be offered as a platform for government leaders and industry solution providers to share opportunities and solutions on urban infrastructure and services for the emerging economies of Asia.

The World Cities Summit Expo will also showcase model cities' best practices, innovative urban solutions and technologies for smarter cities of the future. Of the over 2,000 square metres of the Expo, 90% of the space has been taken up, with 3,000 attendees expected to visit. The Expo has also attracted strong participation from governments, including those from Saudi Arabia and Denmark, and the private sector, including Siemens, Keppel, IBM and Accenture.

Honouring achievements, sharing best practices

Mayors Forum

The Mayors Forum is an annual international platform for Mayors, government officials and urban experts to share best practices in urban development. This year, it will focus on solutions to high-rise, high-density living in cities. The forum is a key highlight of WCS and has gained international traction, with 54 Mayors already having confirmed their attendance, up from 32 Mayors in 2010. Half are new participants from ASEAN, Africa, South America, India and Russia.

Lee Kuan Yew World City Prize

Another major highlight of the Summit is the Lee Kuan Yew World City Prize. The Prize honours outstanding contributions towards the creation of vibrant, liveable and sustainable urban communities around the world. This prestigious prize is named after Singapore's first Prime Minister who was instrumental in transforming Singapore into a distinctive, clean and green garden city within a few decades. Bilbao City Hall was named the inaugural Lee Kuan Yew World City Prize Laureate in 2010 for its significant urban transformation over 25 years.

The Lee Kuan Yew World City Prize 2012 was awarded to New York City for its remarkable transformation since September 11.



Six other cities and organisations were given Special Mention:

1. Ahmedabad Municipal Corporation, Ahmedabad, India
2. AHT Group AG & SUN Development, Khayelitsha, Cape Town, South Africa
3. Brisbane City Council – Urban Renewal Brisbane, Brisbane, Australia
4. City of Copenhagen (and Lord Mayor), Copenhagen, Denmark
5. City of Malmö, Sweden
6. City of Vancouver, British Columbia, Vancouver, Canada

New York City and the six special mentions will share their success stories in a lecture and forum during the World Cities Summit on 2 July 2012. There will also be an award ceremony for the Prize Laureate 2012.

For more information, visit www.leekuanyewworldcityprize.com.sg

Asian Network of Major Cities

Another major co-located event with WCS is the Asian Network of Major Cities. Led by Japan, it is a platform to promote collaboration amongst 11 member cities (eg. Seoul, Taipei, Delhi, Singapore, Kuala Lumpur, Hanoi, Bangkok) on crisis management, environmental countermeasures and industrial development. Singapore will host the 11th plenary meeting on 30 June 2012.

WCS registration

To register your interest to attend the World Cities Summit, visit www.worldcitiessummit.com.sg

Sponsors

The World Cities Summit would like to thank the following sponsors: Keppel Corporation, Shell, Accenture Pte Ltd, Far East Organization, IBM, NCS Pte Ltd, Panasonic Asia Pacific Pte Ltd, Siemens, China Construction (South Pacific) Development Co Pte Ltd, EDF/VEOLIA, GDF SUEZ, KPMG Services Pte Ltd, Philips Lighting China, Qingjian International (South Pacific) Development Co Pte Ltd, Singbridge International Pte Ltd.



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WORLD CITIES SUMMIT PROGRAMME

	Morning	Afternoon	Evening
1 Jul Sun	WCS Mayors' Forum 2012		Opening Ceremony & Welcome Reception
	WCS Site Visits		
2 Jul Mon	Joint Opening Plenary In conversation with world leaders	Lee Kuan Yew World City & Water Prize Lecture	Lee Kuan Yew Prize Award Ceremony & Banquet
		Lee Kuan Yew World City Forum	
	World Cities Summit Expo		
3 Jul Tues	WCS Keynote Plenary Trends and Opportunities – Urbanisation Forces in the next 20 Years	Flagship Urban Solution Tracks	
	In-Focus	WCS Closing Plenary Integrated Urban Strategies for Liveable and Sustainable Cities	
	World Cities Summit Expo		
4 Jul Wed	WCS Site Visits		Closing Dinner
	World Cities Summit Expo		

	WCS events
	Joint SIWW, WCS and CESS events

Annex B

KEY SPEAKERS AT THE WORLD CITIES SUMMIT

Name	Designation/ Organisation	Topic
Joint Opening Plenary and In Conversation		
Ms Helen Clark	Administrator, United Nations Development Programme (UNDP)	Sustainable Development – Our cities, water and environment
Dr Vivian Balakrishnan	Minister, Ministry of The Environment and Water Resources (MWER)	
Dr Roland Busch	Chief Executive Officer, Infrastructure and Cities, Siemens AG	
Governor Shintaro Ishihara	Governor of Tokyo, Japan	
Mayor Mauricio Marci	Mayor, Buenos Aires City, Argentina	
Minister Kamal Nath	Minister of Urban Development, India	
Mr Henri Proglio	Chairman, Electricité de France (EDF)	
Ms Pamela Cox	Vice President (East Asia and the Pacific), World Bank	
Lee Kuan Yew World City Forum		
Ms Penny Ballem	City Manager, City of Vancouver	Case studies of cities in transformation
Michael Krause	Director, SUN Development	
Dr. Guruprasad Mohapatra	Municipal Commissioner, Ahmedabad Municipal Corporation	

Name	Designation/ Organisation	Topic
Lee Kuan Yew World City Forum (cont'd)		
Ilmar Reepalu	Mayor, City of Malmö, Sweden	Case studies of cities in transformation
Mrs Pia Allerslev	Mayor of Culture and Leisure	
Keynote Plenary		
Dr Isher Judge Ahluwalia	Chairperson, Board of Governors, Indian Council for Research on International Economic Relations	Trends and Opportunities: Urbanisation Forces in the Next 20 Years
Mr Jeremy Bentham	Vice President, Global Business Environment, Royal Dutch Shell	
Mr Bruno Berthon	Global Managing Director, Accenture Sustainability Services	
Mr Konrad Otto-Zimmermann	Secretary-General, ICLEI - Local Governemnts for Sustainability	
Flagship Urban Solutions Tracks (FUSTs)		
Ms Lena Chan	Deputy Director, National Biodiversity Centre, NParks	Biodiverse Cities: Sustaining a model of co-existence and conservation
Mr Edgar Chua	Country Chairman, Shell Philippines	
Mr Liak Teng Lit	CEO, Alexandra Health and Khoo Teck Puat Hospital	
Prof Peter Newman	Professor of Sustainability, Curtin University	
Mr Poon Hong Yuen	CEO, National Parks, Singapore	

Name	Designation/ Organisation	Topic
Flagship Urban Solutions Tracks (FUSTs)		
Dr Cheong Koon Hean	CEO, Housing & Development Board, Singapore	Eco Cities: Fad or a Sustainable Option?
Prof Jacqueline Cramer	Director, Utrecht Sustainability Institute	
Mr Ho Tong Yen	CEO, Sino-Singapore Tianjin Eco City	
Mr Nicholas You	Co-Chairman, Urban Infrastructure, World Business Council for Sustainable Development	
Dr John Beard	Director, Department of Ageing and Life Course, World Health Organisation	Inclusive Cities: Supporting and integrating a productive ageing community
Dr Emi Kiyota	President & Environmental Gerontologist, Ibasho/Japan	
Mr Gary Lawrence	Vice President & Chief Sustainability Officer, AECOM	
Dr Mohamad Maliki Bin Osman	Senior Parliamentary Secretary, Ministry of National Development, Singapore	
Mr Peter Holland	Director, International Property Economics, Urbis	Intense Cities: Achieving levels of urban intensity, not merely density
Mr Ng Lang	CEO, Urban Redevelopment Authority Singapore	
Prof Marilyn Taylor	Dean, School of Design, University of Pennsylvania	
Prof Anthony Yeh	Head of Department, Urban Planning and Design, The University of Hongkong/ PRC	

Name	Designation/ Organisation	Topic
Flagship Urban Solutions Tracks (FUSTs)		
Mr Edson Aparecido	Secretary, Metropolitan Development for the State of São Paulo	Investing in Cities: Reinventing and Sustaining cities through PPP
Mr Choo Chiau Beng	CEO, Keppel Corporation	
Mr Goh Kok Huat	President, GIC Real Estate, Singapore	
Mr Patrick Phillips	CEO, Urban Land Institute	
Mr Alain Flausch	Secretary-General, International Association of Public Transport (UITP)	Mobile Cities: In search of new urban mobility models
Prof Pan Haixiao	Professor of Land Use and Transport Studies, Tongji University, PRC	
Mr Bert Hofman	Chief Economist (East Asia & Pacific Region) & Director (Office), World Bank	
Dr Alfonso Vegara	President, Fundacion Metropoli, Spain	
Prof Asit Bitswas	Visiting Professor, Lee Kuan Yew School of Public Policy	Resilient Cities: Designing System-wide Responses to External Forces
Mr Wim Kuijken	Dutch Delta Commissioner, The Netherlands	
Mr Fumitaka Machida	Counsellor and Special Advisor, National Policy Unit, Cabinet Secretariat, Government of Japan	
Mr Jeffrey Oppenheim	Director, Climate Change Special Initiative, McKinsey & Company	
Mr Paul Reiter	Executive Director, International Water Association	

Name	Designation/ Organisation	Topic
Flagship Urban Solutions Tracks (FUSTs)		
Mr Guruduth Banavar	Vice President & Chief Technology Officer (Global Public Sector), IBM	Smart Cities: Harnessing technology, improving efficiency
Prof Carlo Ratti	Director, MIT Senseable City Lab	
Mr Tay Hun Kiat	CEO, Sino-Singapore Guangzhou Knowledge City JV, Singapore	
Mr Ronnie Tay	CEO, Infocomm Development Authority of Singapore	
Closing Plenary		
Mr Flemming Borroskov	President , International Federation of Housing and Planning (IFHP)	Integrated Urban Strategies for Liveable and Sustainable Cities
Mr Bindu N. Lohani	Vice-President, Knowledge Management and Sustainable Development, Asian Development Bank, Manila, Philippines	
Mr James Stewart	Global Infrastructure Chairman, KPMG	
Ms Huang Yan	Director, Beijing Municipal Urban Planning Commission	
Dr Liu Thai Ker	Chairman, Centre for Liveable Cities, Singapore	

MAJOR TOPICS COVERED AT THE WORLD CITIES SUMMIT

INTENSE Cities - Achieving levels of urban intensity, not merely density

Urban intensity, not just population density, is the determining factor for vibrant and lively cities. It is not just the number of people, but the mix of their activities, how they move about and the spaces they congregate in, that we admire and seek to emulate in the great cities.

This session will examine if, and how, urban intensity might be achieved through deliberate design and planning strategies. What conditions favour the emergence of these urban centres? What levels of urban intensity are appropriate for different cultures?

ECO-Cities - Fad or sustainable option?

Cities form 50% of the entire world's population, and this proportion is increasing yearly. Such rapid urbanisation of once green or rural areas changes the climate and causes a negative impact on the earth and human population. To house increasing populations, we need to develop cities in a responsible manner for future generations. In recent years, many countries have come up with plans to develop sustainable cities or Eco-Cities.

In this track, speakers will help to define what an eco-city is. The session will showcase and illustrate the holistic and comprehensive approach that these Eco-Cities have taken, from planning to design and development, to ensure sustainability. A common goal of Eco-Cities is to achieve environmental, social and economic sustainability. Environmental sustainability is achieved not only by harnessing renewable energy sources but also through careful planning, design, and construction practices.

The track will share successful strategies adopted by different cities to reduce their carbon footprint and create comfortable and accessible living environments for their inhabitants. Cities will share the approach they have taken in areas such as planning and urban design, energy usage, water and waste management, transportation, greening and landscaping, and programmes implemented to foster environmentally conscious communities.

BIODIVERSE Cities - Sustaining a model of co-existence and conservation

Widespread urbanisation places increasing pressure on competing demands for land, water and energy resources. To improve liveability, cities need to integrate development imperatives with environmental considerations. Enhancing biodiversity in cities offers multiple benefits – from improved well-being to potential cost savings from ecosystem services, such as storm water and climate regulation.

This session presents perspectives from cities, academia and the private sector on the challenges and opportunities in promoting biodiversity and sustainable ecosystems in cities. The Singapore Index on Cities' Biodiversity, a tool for monitoring the biodiversity conservation efforts of cities, will also be presented.

RESILIENT Cities - Designing innovative system-wide responses to external forces

Beyond promoting economic growth and efficiency, city governments have realised the need to develop strategies to mitigate the effects of climate change on their urban landscapes. Challenges posed by the impacts of climate change and extreme weather suggest that new approaches are required to increase the resilience of energy and water systems and build the adaptive capacity of cities and communities. There is an urgent need to better understand how governments and urban planners can work with the private sector to encourage greater investment and participation in building urban resilience.

What are some of the new and emerging measures and technical systems that cities can adopt and how can they overcome the common challenges faced? This session explores the significant investments that need to be made in new energy and water infrastructure for cities.

SMART Cities - Harnessing technology, improving efficiency

Liveable and sustainable cities actively seek out more efficient ways to coordinate functions, analyse data, anticipate problems and organise resources. It is not surprising that many are looking towards the integration of innovative technology to improve the quality of life and place, and the effectiveness of governance and efficiency in resource allocation.



This session explores the current approaches, models and best practices of intelligent cities, and how technologies and innovation have impacted smart city infrastructure. The session will also discuss the synergies needed among governments, companies and academics to realise the vision of smart cities.

MOBILE Cities - In search of new urban mobility models

Increasing externalities of pollution, congestion and loss of productivity are negating the full benefits that can accrue in cities. In developed cities, increasing environmental awareness has seen more consumers becoming more receptive to the concept of shared mobility - the costs of motoring relative to other modes, public transport, vehicle downsizing, ridesharing, use of a bicycle network, etc. are playing a more important role in the mobility mix. In addition, recent advances in information technology and transportation science have made it possible to increase the efficiency of urban transportation systems while at the same time ensuring a sustainable and liveable environment.

This session will debate and discuss new urban mobility models and opportunities for governments, the public sector and corporations to align their future mobility vision, products and services with customers' unmet needs.

INCLUSIVE Cities - Supporting and integrating a productive ageing community

Rapid ageing has a far reaching impact on our societies. There will be increased demands on the healthcare and aged care systems. Social policies need to be flexibly adapted to address issues of employment, retirement adequacy and healthcare affordability. This implies a fundamental paradigm shift in the physical development of cities, to create inclusive and enabling living environments for seniors as they age in place.

This track will discuss the challenges posed by an ageing population and the different responses of cities to these challenges, including their policies, systems and city development strategies. More importantly, it is about creating a "city for all ages", and the ability to harness the strengths of this demographic through integration and ensuring continual productivity.



INVESTING in Cities - reinventing and sustaining cities through PPP

As development opportunities shift from developed cities to developing cities, investment strategies need to take into consideration the changing dynamics of population growth, burgeoning economies and new business opportunities. The paradigm shift of conducting business today has also shifted our focus to economic, social and environmental sustainability issues in the long-run. This session looks at some of the new operating models to adopt in new emerging markets and explores the opportunities and challenges in the development of emerging cities.