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WORLD CITIES SUMMIT ALIGNS FOCUS ON URBAN AND SOCIAL INNOVATIONS, AND PUBLIC-PRIVATE PARTNERSHIPS TO BUILD RESILIENT CITIES

New initiatives and collaborations announced at World Cities Summit aim to create new opportunities against a backdrop of rapid global urbanisation

Singapore, 15 July 2016 – About 110 mayors and city leaders representing 103 cities from 63 countries and regions from around the world gathered at the World Cities Summit 2016 to discuss changes, challenges and innovations emerging in their cities. These cities included Seoul, Antwerp, Hamburg and Rotterdam. Their interactions at the Summit — a premier platform to develop real-world solutions that address urban sustainability challenges — highlighted the global need to focus on social, technology and governance innovations to build resilient, liveable and sustainable cities of the future.

2 Held from 10 – 14 July, the fifth edition of the World Cities Summit (WCS), together with Singapore International Water Week (SIWW) and CleanEnviro Summit Singapore (CESS), was attended by more than 21,000 visitors and participants including ministers, mayors, government officials, industry leaders and experts, academics, as well as representatives from international organisations. This year, besides established tracks on urban governance and long-term planning and development, WCS also provided a platform for discussions on the softer aspects of a sustainable and liveable city – community and culture – in particular how heritage and culture can be integrated into the urban planning and design of cities.

Integrated Approach to Innovating for Sustainable Development

3 WCS 2016 also featured a full-day track on innovations for a smart city. As part of this expanded focus on innovation, the inaugural City Solutions Singapore was launched as a seamless global marketplace to drive end-to-end sustainable development and showcase solutions, as well as to provide a platform for new

partnerships and business opportunities. The expo had over 1,000 participating companies, from industry leaders to innovative start-ups in urban development, water, waste and cleaning management.

4 A key highlight of the expo was the “Towards a Smart and Sustainable Singapore” pavilion, showcasing collaborative efforts of more than 16 local government agencies. One of the showcases was the CityScope - a real-time interactive urban planning tool that uses augmented reality and Lego-like bricks to simulate urban environments for test-bedding purposes.

Building Resilient Cities: Beyond Infrastructure

5 Besides adopting innovation in technology to build greater resilience, cities are also looking to innovate the way in which they engage their people and involve them in co-creating solutions for a better living environment.

6 The Lee Kuan Yew World City Prize 2016 Laureate, Medellín, Colombia, shared at the Prize Lecture on how leveraging on co-creation and the collective inputs of its citizens have helped tackled its most pressing issues, improved the economy, as well as its citizens’ employability and quality of life. The four cities accorded Special Mentions – Auckland, Sydney, Toronto and Vienna – further demonstrated how open community engagement and social integration have contributed to their successful urban transformations.

7 Citizen engagement is therefore essential for creating not only liveable and sustainable cities, but also resilient ones. Beyond infrastructure, the softer aspects of a city also impact on the people’s quality of life. Culture is one key aspect. For the first time in 2016, there was a dedicated WCS track exploring how heritage and culture can be integrated into the urban planning and the design of cities.

Collaborations that will spark innovation and create opportunities

8 The key theme of innovation was further reinforced by the collaborations announced during WCS 2016, such as the Singapore Government’s plans to partner

Microsoft to explore next-generation government services using chatbots for selected public services. ENGIE also launched its Singapore Lab to act as a regional hub for energy innovation and technology in Southeast Asia, while Surbana Jurong unveiled the world's first integrated smart city solutions offering.

9 “We are seeing greater genesis of synergies and collaborative efforts between private companies, international organisations and government agencies at WCS,” said Mr Larry Ng, Managing Director of the World Cities Summit. “The combination of technology, social and governance innovation will form the foundation of the resilient, liveable and sustainable cities needed to address the challenge of rapid urbanisation in Asia and beyond.”

10 Details on major announcements made and partnerships signed at the Summit are provided in Annex A.

11 The next World Cities Summit will be held from 8 – 12 July 2018 at the Sands Expo and Convention Centre, Singapore. The World Cities Summit Mayors Forum 2017 will be held in Suzhou, Jiangsu Province, China.

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About the World Cities Summit

The World Cities Summit is the exclusive and premier platform for government leaders and industry experts to address liveable and sustainable city challenges, share integrated urban solutions and forge high-level partnerships. Themed "Liveable and Sustainable Cities - Innovative Cities of Opportunity", the fifth edition of the WCS seeks to explore how cities can better govern and build up resilience through policy, technology and social innovations. With active engagement, there will be more opportunities for the public, private and people sectors to co-create innovative and integrated urban solutions for a more liveable and sustainable future. Jointly organised by Singapore's Centre for Liveable Cities and Urban Redevelopment Authority, key highlights of the Summit include the Lee Kuan Yew World City Prize and the Mayors Forum. For more information, visit www.worldcitiessummit.com.sg

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ANNOUNCEMENTS AT WORLD CITIES SUMMIT 2016

Announcements	Details
<p>The Housing & Development Board (HDB) inked three new agreements for collaboration with industry partners at the World Cities Summit.</p>	<p>Aimed at bringing HDB living to new heights, these new partnerships will enable HDB to tap on the deep expertise and wide experience of the private industry partners, both locally and internationally, to promote excellence in the planning and design of HDB towns and our built environment. The three collaborations are:</p> <ol style="list-style-type: none"> 1. A \$10 million contract with the NCS consortium which seals a 4-year collaboration to develop a comprehensive digital master plan and Smart Hub to guide HDB's efforts to boost liveability, efficiency, safety and sustainability for HDB towns and estates. 2. A research collaboration with 3M Singapore to study new and creative ways to soften the impact of noise in Singapore's high-rise, high-density environment. 3. A Memorandum of Understanding with the International Federation for Housing and Planning (IFHP), Eastern Regional Organisation for Planning and Human Settlement (EAROPH), Singapore Institute of Planners (SIP) and Centre for Liveable Cities (CLC), to organise an International Planning and Housing Conference (IPHC) in Singapore in the later part of 2017.
<p>MasterCard and the Singapore Economic Development Board (EDB) signed a memorandum of understanding (MOU) to help companies in Singapore build innovative technology solutions.</p>	<p>In the next two years, the two parties will focus on tackling some of the biggest urban challenges of our time: how to promote mobility, tourism and trade while enabling seamless experiences and sustainable growth.</p> <p>Building on this foundation, MasterCard and the EDB in partnership with other Singapore-based companies plan to work together to design and build technology platforms in Tourism, Urban Mobility and Trade.</p>

<p>SIGFOX, ENGIE, and UnaBiz, announced a strategic partnership and plan to deploy the SIGFOX global network in Singapore.</p>	<p>Taking advantage of the simple and fast rollout of the network, which requires far lighter infrastructure than traditional wireless networks, the three partners expect to offer nationwide coverage by early 2017. UnaBiz, the exclusive SIGFOX Network Operator in Singapore, will lead the nationwide rollout and drive the overall growth of SIGFOX's IoT ecosystem in Singapore.</p>
<p>With support from the Singapore Economic Development Board (EDB), ENGIE Lab Singapore was launched on the sidelines of WCS to act as a regional hub for energy innovation and technology in Southeast Asia.</p>	<p>ENGIE Lab Singapore focuses on three fields: smart energy systems for cities and islands, industrial energy efficiency and gas technologies. It will support and collaborate with the ENGIE entities that are already established in the region. The teams will manage R&D projects and provide services based on their technological expertise which includes managing new energies, digital systems such as Internet of Things (IoT) and mobile apps, as well as strengthen existing technologies to enhance energy-related infrastructures and energy uses.</p>
<p>Hewlett Packard Enterprise announced the extension of its Future City initiative to Asia Pacific and Japan (APJ).</p>	<p>The initiative will support the smart city agendas of governments and private sector enterprises across the region through a combination of global government expertise, best practices, ecosystem enhancements and innovation.</p>
<p>Siemens, C40 and Citi have launched the new "New Perspectives on Climate Finance for Cities" report, which discusses the challenges of financing sustainable infrastructure in cities.</p>	<p>This report provides insights on potential financing options for climate change programmes and projects in cities, the lead times and steps required to access different types of climate finance, as well as the lessons learned from cities around the globe.</p>
<p>Launch of "Port and the City: Balancing Growth and Liveability"</p>	<p>Executive Director of CLC, Mr Khoo Teng Chye launched the latest series of Urban System Study books at "The Future of Ports and Their Relationship with Cities" forum, jointly organised by the Centre for Liveable Cities (CLC) and MPA Academy, the training arm of the Maritime and Port Authority of Singapore (MPA).</p>

	<p>Titled “Port and the City: Balancing Growth and Liveability”, the book distills key lessons from Singapore’s experience in balancing trade-offs of the port industry’s growth while creating a highly liveable urban environment through dynamic governance and integrated planning.</p>
<p>Ministry of National Development (MND), Singapore, and the Development Research Center of the State Council of the People’s Republic of China (DRC) jointly launched the English version of an inaugural publication on urban governance.</p>	<p>The joint initiative is driven by Centre for Liveable Cities (CLC), a division of the MND, and the DRC’s Department of Macroeconomic Research. The publication is a major research outcome of the Memorandum of Understanding (MOU) signed between MND and DRC, witnessed by President Tony Tan Keng Yam and President Xi Jinping during the former’s state visit to the People’s Republic of China in July 2015. The MOU aims to facilitate knowledge-sharing between China and Singapore in the areas of urban governance, liveability, sustainability and policy issues of concern to both governments, as well as draw lessons from the development experience of both countries through visiting fellowships, joint research and publications.</p>
<p>New smart city management system unveiled by Surbana Jurong</p>	<p>Monitoring and managing cities will soon be more seamless with a new smart city solutions platform launched by Surbana Jurong. The new offering dubbed "Smart city in a box", will enable city officials to better track, monitor and manage cities via a dashboard of integrated smart applications.</p> <p>The platform is the world's first integrated smart city solutions offering, and aims help cities operate and manage themselves using the innovative platform.</p>
<p>Sino-Singapore Guangzhou Knowledge City Investment and Development Co., Ltd (GKC Co) signed a Memorandum of Understanding (“MoU”) with Siemens Ltd China to jointly develop the Smart Eco Technology Demonstration Centre, Siemen’s first urban sustainability hub in Asia-Pacific.</p>	<p>Located in the Southern Start-Up Area of Sino-Singapore Guangzhou Knowledge City (SSGKC), the 7000 square metres Smart Eco Technology Demonstration Centre will be a centre of excellence that enables local and foreign technology companies to exchange business ideas and showcase new generation information and communications technology (ICT), smart technologies, intelligent transportation, renewable energy and green technologies.</p>

<p>Singapore is partnering with Microsoft on its “Conversations as a Platform” to explore opportunities in co-creating next-generation digital government services for a Smart Nation.</p>	<p>The Singapore Government will explore next-generation government services based on a shift towards conversational computing – specifically, the use of intelligent software programmes known as chatbots for selected public services where appropriate. These chatbots will function as digital representatives, simulating human behaviour in order to make interactions simpler, more efficient, and more consistent.</p>
<p>The World Bank and the Public Private Infrastructure Advisory Facility (PPIAF) launched a flagship report on urban regeneration.</p>	<p>Regenerating Urban Land: A Practitioner’s Guide to Leveraging Private Investment report, takes a look at lessons and results from eight urban regeneration projects from around the world, and also offers an online toolkit for city managers and planning officials, providing the necessary steps and a variety of options for conceiving and implementing an urban regeneration project.</p>