

WORLD CITIES SUMMIT 2018



Liveable & Sustainable Cities: Embracing the Future
through Innovation and Collaboration



Held in conjunction with:



8-12 July 2018
www.worldcitiessummit.com.sg

Sands Expo & Convention Centre
Marina Bay Sands, Singapore

LIVEABLE & SUSTAINABLE CITIES: EMBRACING THE FUTURE THROUGH INNOVATION AND COLLABORATION

The World Cities Summit is an exclusive platform for government leaders and industry experts to address liveable and sustainable city challenges, share integrated urban solutions and forge new partnerships. Over the past decade, the Summit has achieved global recognition with a credible gathering of the best minds in planning and urban development.

Themed “Liveable & Sustainable Cities: Embracing the Future through Innovation and Collaboration”, the 6th World Cities Summit in 2018 will explore how cities can be more liveable and resilient through better governance and planning, technology and social innovations, as well as collaborations with various stakeholders and with other cities. Through shared vision and active engagement, the public, private and people sectors can co-create innovative and integrated urban solutions for a more sustainable future.

Participate in this biennial event to benefit from the insights shared by thought leaders in outcome-oriented discussions, and from networking with your peers from around the world. Register your interest to attend at www.worldcityssummit.com.sg



WHO SHOULD ATTEND

THE PUBLIC SECTOR

- Ministers and Political Leaders
- Governors and Mayors
- Senior Officers from City, Provincial, Central and National Governments

THE PEOPLE SECTOR

- Academics and Researchers
- Associations and Societies
- International Organisations & Non-Governmental Organisations (NGOs)

THE PRIVATE SECTOR

- Architects, Master Developers and Urban Planners
- Data Analytics, Information Systems and IT Companies
- Engineering and Construction Companies
- Environment Management / Control Solution Providers
- Equipment Manufacturers
- Financial Services: Investment Banks and Infrastructure Financiers
- Professional Services: Legal, Audit / Accounting, Management Consultancy
- Property Developers and Consultants
- Safety and Security Solution Providers
- Technology Solution Providers and Systems Integrators
- Transportation Solution Providers

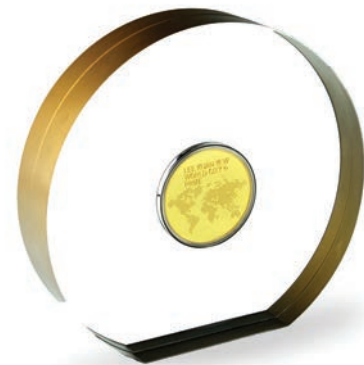
KEY HIGHLIGHTS OF THE WORLD CITIES SUMMIT

- World Cities Summit Mayors Forum
- World Cities Summit Young Leaders Symposium
- In-Conversation
- Lee Kuan Yew World City Prize
- World Cities Summit Thematic Tracks
- World Cities Summit Plenary
- World Cities Summit Thematic Forums

LEE KUAN YEW WORLD CITY PRIZE

The Lee Kuan Yew World City Prize is a biennial international award that honours outstanding achievements and contributions to the creation of liveable, vibrant and sustainable urban communities around the world. The Prize is awarded to cities and recognises their leaders and organisations for displaying foresight, good governance and innovation in tackling the many urban challenges faced, to bring about social, economic and environmental benefits to their communities.

For more information on the Prize, visit
www.leekuaneyewworldcityprize.com.sg



Medellín (2016)



Suzhou, Jiangsu Province (2014)



New York City (2012)



Bilbao (2010)

LEE KUAN YEW WORLD CITY PRIZE LECTURE

As a key highlight of the World Cities Summit, the Prize Lecture is a platform where the mayor of the Laureate city shares its achievements and experience in the creation of liveable, vibrant, and sustainable urban communities with a high quality of life. This is held together with the Water Prize Lecture. Following the lectures which will cover the challenges and issues related to cities, water and the environment, there will be an interactive session with the audience.

The Lee Kuan Yew World City Prize and Water Prize lectures will be held on the afternoon of Monday, 9 July 2018.

LEE KUAN YEW PRIZE AWARD CEREMONY & BANQUET

The Lee Kuan Yew Prize Award Ceremony & Banquet is a prestigious and elegant networking occasion that celebrates the outstanding achievements of the winners of the Lee Kuan Yew World City Prize and Water Prize. The Guest-of-Honour for 2018 will be Singapore's first female president, Madam Halimah Yacob.

The award ceremony and banquet will be held at The Ritz-Carlton, Millenia Singapore on the evening of Monday, 9 July 2018.



The Lee Kuan Yew Prize Award Ceremony & Banquet in 2016

WORLD CITIES SUMMIT MAYORS FORUM

The World Cities Summit Mayors Forum is an exclusive, by-invitation-only global platform for mayors and city leaders to discuss pressing urban challenges and share best practices. Only invited guests are privy to the conversations in order to encourage open contributions on matters that concern city leaders the most.

Chairperson:



LAWRENCE WONG

Minister for National Development
Second Minister for Finance
Singapore

Session 1: What should Mayors do to embrace and capitalise on disruptive innovations?

This session will discuss key governance instruments that mayors can use to transform disruptive innovations into opportunities that will strengthen and advance the development of cities. It will explore how cities can better prepare themselves to embrace innovation, adapt to new technologies, and successfully navigate disruptive business models to counter the new challenges.

Session 2: No money, No cities – What should Mayors do to attract financing for infrastructure projects?

This session looks at how the increasing involvement of the private sector in infrastructure projects has resulted in a reduction in direct supervision or ownership by local governments. In the quest for funds through alternative models of financing and investment, are mayors losing control over how cities should be developed? Will governance be increasingly critical to ensure that the public interest and project longevity are not compromised at the expense of short-term commercial gains?

During each session, there will be three case study presentations by mayors, followed by a presentation by a senior-level representative from an international organisation. There will also be interjections by a representative from the WCS Young Leaders Symposium, and from the Singapore Sustainability Symposium. Each session will end with an interactive discussion that is open to the floor and moderated by Greg Clark, the Forum's regular expert moderator.

The World Cities Summit Mayors Forum will kickstart the week on the morning of Sunday, 8 July 2018.



In conjunction with the Forum, the City Portraits publication will be produced, as well as a pop-up exhibition. City Portraits showcases all the mayors and city leaders at the Forum, including some of their citywide initiatives and projects that have been implemented successfully.

PARTICIPATING CITIES AND CITY LEADERS

AFRICA

- **Lilongwe City Council**
Dr Desmond Bikoko, Mayor
- **Siaya County**
H.E. Cornel Rasanga Amoth, Governor

ASIA

- **Balanga**
Honourable Francis Anthony S. Garcia, Mayor
- **Dipolog City**
Honourable Darel Dexter Uy, Mayor
- **Kandahar**
Roshan Wolusmal, Mayor
- **Muntinlupa City**
Honourable Atty. Jaime R. Fresnedi, Mayor
- **Nanchang**
Guo An, Mayor
- **San Pedro**
Lourdes Cataquiz, Mayor
- **Singapore North East District**
Desmond Choo, Mayor
- **Singapore North West District**
Dr Teo Ho-Pin, Mayor

*Updated as of 31 January 2018

EUROPE

- **Bilbao**
Juan Mari Aburto, Mayor
- **Rotterdam**
Ahmed Aboutaleb, Mayor

LATIN AMERICA

- **Panama City**
Raisa Banfield, Vice Mayor
- **Tegucigalpa**
Asfura Zablah, Mayor

MIDDLE EAST

- **Riyadh**
H.E. Mohammed Alkhurayif, Deputy Mayor

OCEANIA

- **Adelaide**
The Right Honourable Martin Haese, Lord Mayor
- **Australian Capital Territory**
Andrew James Barr, Chief Minister
- **City of Nedlands**
Max Hipkins, Mayor

Visit www.worldcitiessummit.com.sg/mayorsforum for updates on the participating cities.

WORLD CITIES SUMMIT YOUNG LEADERS SYMPOSIUM

The World Cities Summit Young Leaders is a select group of changemakers from diverse sectors who shape the global urban agenda at the annual World Cities Summit Young Leaders Symposium. The platform allows these passionate leaders to debate on urban issues and launch initiatives to tackle urbanisation challenges.

Under the overarching theme of the World Cities Summit, the Symposium this year will focus on innovation and disruption in the public, private and people sectors. Our Young Leaders will explore how cities and industries can harness new innovations to tackle perennial challenges as well as new ones. Starting with the Young Leaders' Pitch, the Young Leaders will share what innovation means to them, the associated challenges, and the solutions they have in mind. This will be followed by three rounds of group discussions to deep dive into the ideas presented from various interdisciplinary angles, and to shape these ideas into concrete plans and projects. The discussions and concluding thoughts from the Symposium will be shared at the World Cities Summit Mayors Forum by a representative.



The World Cities Summit Young Leaders in discussion at the 2016 symposium

For more information on the Young Leaders Symposium, visit www.worldcitiessummit.com.sg/young-leaders/

WORLD CITIES SUMMIT THEMATIC TRACKS

There are four thematic tracks that will be held concurrently on 10 July 2018 that will offer the opportunity for speakers to deep dive into topical issues. Case studies and best practices will be shared by city leaders and practitioners who have directly led the projects to their successful conclusion.

SPEAKERS:



DR VIVIAN BALAKRISHNAN
Minister for Foreign Affairs and
Minister-in-Charge of the Smart
Nation Initiative, Singapore



HENK OVINK
Special Envoy on
International Water Affairs,
Kingdom of the Netherlands



MICHAEL BERKOWITZ
President,
100 Resilient Cities



JACQUELINE POH
Chief Executive,
Government Technology
Agency of Singapore



ABISHEK LODHA
Managing Director,
Lodha Group



DR CHEONG KOON HEAN
CEO, Housing & Development
Board, Singapore



ANETTE S. GALSJØT
CEO, International Federation
for Housing and Planning



OLIVIER BIANCARELLI
Managing Director,
ENGIE



PATRICIA MCCARNEY
President and CEO, World
Council on City Data



DR GOH ENG LIM
Vice President, Chief
Technology Officer,
High Performance Computing
& Artificial Intelligence
Hewlett Packard Enterprise

URBAN GOVERNANCE

Session 1: Can Good Governance Prepare Cities for Disruptive Innovations?

With an increasingly volatile and uncertain global environment, public sector leadership will need to adapt quickly to fast-changing circumstances. Exacerbated by an increasingly active and vocal citizenry, it is critical for governments to be pragmatic, lead with a clear vision and collaborate with the private and people sectors to co-create solutions for a more liveable city.

What should mayors do to ensure that cities are ready to embrace disruptive innovations? Is good governance alone sufficient to provide the right foundation for disruptive technologies?

Session 2: Let's Talk about Money – How will Cities of the Future be Financed?

Financial resources are the crucial ingredients to turn masterplans into reality. In recent years, the master developer approach and public-private partnership has provided cities with alternative financial resources to develop and rejuvenate themselves. At the same time, new financial institutions are set to catalyse changes to modern urban investment strategies. With infrastructure construction and funding becoming more easily available, cities now have more ways to fund new infrastructure projects.

How can mayors work better with investors, capital markets and stakeholders to tap into innovative resources and alternative models of urban financing and investment?

PLANNING

Session 1: They say "Old is Gold" – but is it really? Urban Regeneration through Integrated Planning

Cities are complex entities consisting of multiple urban systems. The various systems need to be coordinated through an integrated urban plan to create liveable outcomes, and to sustain quality of life for citizens. Integrated planning efforts are required to rejuvenate distressed urban areas in a holistic manner – integrating social, economic and environmental considerations – to ensure sustainable regeneration.

Are cities doing enough to regenerate themselves through creative integrated planning? How can the use of innovative technology and systems help in governments to make more informed planning decisions?

Session 2: Can We Create Inclusive Communities through Master Planning?

Cities have always hosted much diversity with people of different ethnicities, religions, social classes, ideologies and wealth co-existing in formal and informal settlements. As urbanisation continues apace globally, cities are no longer just centres of commerce, industry and political power. They also serve as havens to increasingly diverse communities. Cities are more productive, sustainable and liveable when their communities are economically, environmentally, and socially healthy.

This session explores how cities can be planned so that they are more inclusive and accepting of diversity.

RESILIENCE

Session 1: What does it take to be an Environmentally and Economically Resilient City?

Climate change is one of the biggest global challenges today. Cities are exploring innovative solutions, building robust infrastructure, and working out new financing arrangements in a bid to mitigate and adapt to the effects of climate change which have also been intensifying economic challenges many cities face.

A resilient city continuously learns from its past experiences as well as from others, and takes an integrated and holistic approach to respond, adapt and recover from the various challenges it faces. How should mayors plan cities with climate and economic resilience in mind? What should mayors and city leaders do to ensure their cities can quickly recover from shocks and even take advantage of new opportunities from these threats?

Session 2: Social Resilience – A Critical Component of a Liveable and Sustainable City?

Urban resilience is about the capacity of individuals, communities, institutions, businesses and systems within a city to adapt and thrive despite stresses and acute shocks. Cities are becoming more connected digitally, yet there is increasing diversity and cultural differences, rising socio-economic disparities and aging infrastructure. These challenges could result in urban realities that are not sustainable or liveable.

By harnessing technology and social networks, dense urban populations provide many opportunities for creating connections and social support. Often, the appropriate social networks and capital are both the first and last lines of defence in times of crisis, be it terrorist attacks, financial crisis or natural disasters. How can we cultivate and build up the social resilience of cities?

INNOVATION

Session 1: Disruptive Innovations – Bane or Boon for Cities?

Cities around the world are riding the waves of advanced technology to create future-ready urban solutions tailored to their development needs. Technology-enabled innovations come with a slew of promises made to a city's inhabitants – from improving public service delivery to anticipating and solving urban challenges, to building an inclusive and vibrant community.

Cities must be ready to embrace innovations rather than stick to the usual ways of doing things. What structures and processes do cities need to readily embrace disruptive innovations? What can mayors and city leaders do to create an environment that encourages the development and adoption of disruptive technologies?

Session 2: Does Public-Private-People (3P) Collaboration Yield the Best Social Innovations?

Social innovation is the process of developing and deploying solutions to address challenging and often systemic social and environmental issues. In this day and age, social innovations typically leverage on technology to tackle challenges faced by cities and help residents to live more comfortable and fulfilled lives. The rise of social innovation labs in recent years has encouraged new forms of cooperation between the people, public and private sectors. These labs typically focus on small neighbourhoods or precincts and provides ample opportunities for prototyping and testing of ideas to adapt to the needs of the society.

How can local governments work with businesses, research institutions and citizens to create a healthy ecosystem that enables innovative solutions to thrive in cities?

For more information on the programme and speaker updates, visit www.worldcitysummit.com.sg/programme-glance

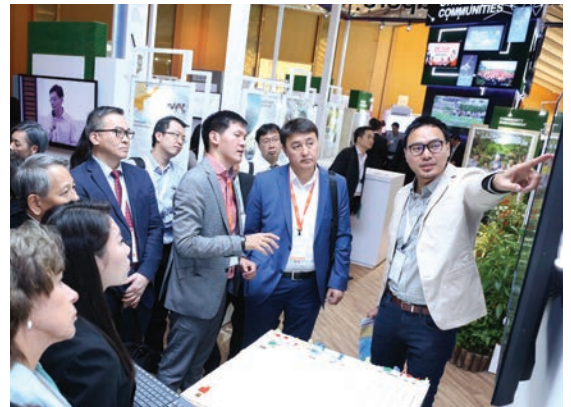
CITY SOLUTIONS SINGAPORE

Make meaningful connections at City Solutions Singapore (CSS) – it is the preferred global platform to showcase new and cutting-edge solutions for smart nations and urban environments. With over 21,000 visitors in 2016, from 125 countries and regions, CSS provides the catalyst to seek new partnerships and business opportunities. The participation of over 1,000 companies make CSS an international marketplace of choice for stakeholders across the value chain of sustainable development.

Featuring various country pavilions, the integrated expo in 2018 will cover over 31,000 sqm and comprise four overarching themes – Water Expo @ CSS, Cities @ CSS, Environment @ CSS and Transport @ CSS. Few other exhibitions in the world cover these key sectors in such an integrated manner that creates tremendous synergy for both the exhibitors and visitors.

For more information on partnership or exhibition opportunities, please contact Kimberly Wee at kimberlywee@experiaevents.com

Companies incorporated in Singapore are eligible to claim up to 50% International Marketing Activities Programme (iMAP) funding should they participate in the Singapore Pavilion at Cities @ CSS.



PARTNERSHIP OPPORTUNITIES

HOW YOU CAN BENEFIT

Bring your brand directly to your most valued target audience. An unrivalled week in Singapore that gathers the top leaders from both public and private sectors, the World Cities Summit is the platform to showcase your company's thought leadership and innovative urban solutions. This is a premium outreach channel for your brand to stand out to your target audience.

Connect with key city leaders and decision-makers from around the world. The participants in attendance are high-level decision makers from government and businesses, as well as thought leaders from international organisations and academia. Engage these leaders and forge partnerships to develop business opportunities.

Meet your business needs, uncover new opportunities and build valuable partnerships. Leverage on extensive networking opportunities and exclusive events with mayors and key urban stakeholders to broaden your network and gain comprehensive access to global business opportunities.

OUR EXTENSIVE OUTREACH

Leverage on our multi-channel marketing initiatives to reach your relevant target audiences. As our partner, discover how you can tap on our comprehensive marketing solutions and strategic engagement of multiple stakeholders, as well as the media. Let us help you to enhance your brand image globally and increase your brand visibility.



A SINGAPORE GOVERNMENT PAVILION

LIVEABLE & SUSTAINABLE CITIES

EMBRACING THE FUTURE THROUGH INNOVATION AND COLLABORATION

Imagine Singapore in 2035. What could the young cosmopolitan city look like in light of the opportunities and challenges it faces, much like those faced by many cities around the world today?

Themed “Liveable & Sustainable Cities: Embracing the Future through Innovation and Collaboration”, this pavilion envisions a future pulled together by the Singapore government, research institutions, industries and the community. It will showcase innovative solutions across transportation, security, food and energy, climate change, space management and digital capabilities.

Beyond just a showcase, the pavilion will highlight collaborative efforts among government agencies in the areas of R&D, urban development, ICT infrastructure, policy-making, capabilities building and ecosystems development to enable Singapore to adapt, become more progressive and sustainable in the near future. Through live demonstrations and interactive media display, you will be immersed within cutting-edge innovations that are either already a reality or in the pipeline.

The pavilion provides a roadmap of Singapore’s progress in developing integrated urban solutions, building economic, environmental, physical and social resilience, and engaging with communities. Come share the experience living in Singapore, explore collaboration opportunities and take a stake in the liveable and sustainable future of city living.

NETWORKING EVENTS

WORLD CITIES SUMMIT EXCLUSIVE NETWORKING NIGHT (SUNDAY, 8 JULY)

The debates and interactive discussions at the by-invitation only WCS Young Leaders Symposium and the WCS Mayors Forum earlier in the day will culminate in the WCS Exclusive Networking Night. Expect an intimate evening of conversations and networking opportunities with mayors, governors and industry leaders, as well as engagement opportunities with our distinguished WCS Patron and Platinum Sponsors over delectable refreshments.

This event is only open to attendees of the WCS Young Leaders Symposium and the WCS Mayors Forum, as well as the WCS Patron and Platinum Sponsors.

OPENING CEREMONY (MONDAY, 9 JULY)

The opening ceremony of the World Cities Summit, Singapore International Water Week and CleanEnviro Summit Singapore will be held on Monday morning, before In-Conversation, the curtain-raiser of the three global summits. Come and network with over 3,000 government and industry leaders, urban solution experts and practitioners.

LEE KUAN YEW PRIZE AWARD CEREMONY & BANQUET (MONDAY, 9 JULY)

The Lee Kuan Yew Prize Award Ceremony and Banquet celebrates the winners of the Lee Kuan Yew World City Prize and Water Prize. A prestigious networking occasion, participants can extend corporate hospitality to business associates to join an evening of celebration. Network with your guests as well as mayors, city leaders and senior-level industry players from all over the world at this sit-down dinner that only happens once every two years. The award ceremony and banquet will be held at The Ritz-Carlton, Millenia Singapore.

INDUSTRY NIGHT AT CITY SOLUTIONS SINGAPORE (TUESDAY, 10 JULY)

To celebrate the meeting of thought leaders from across the urban, water, environment and transport sectors, as well as to encourage cross-sector partnerships and collaborations, we welcome all delegates to join us and unwind over wine and canapes on Tuesday evening.

This Industry Night for the three global events will be held at the City Solutions Singapore exhibition. Take the opportunity to view showcases at the City Solutions Singapore in a more relaxed setting and mingle with sponsors and exhibitors. Look out for pop-up activities at some of the country pavilions and exhibition booths – you should not miss out on announcements and experiences exclusive to this evening.

REGISTER EARLY AND CUSTOMISE YOUR EXPERIENCE

EARLY BIRD

Enjoy 10% off when you register before 1 May 2018.

BRING A TEAM

Enjoy up to 20% off each pass when you register as a group.

REGISTER
YOUR
INTEREST



| | PREMIUM PASS - SGD 2,800 (To access World Cities Summit, Singapore International Water Week and CleanEnviro Summit Singapore) | | CONFERENCE PASS - SGD 2,500 (To access World Cities Summit only) | |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------|-----------------|
| | DISCOUNT % | DISCOUNTED RATE | DISCOUNT % | DISCOUNTED RATE |
| Early Bird (till 30 April 2018) | 10% | SGD 2,520 | 10% | SGD 2,250 |
| Group (5-9 delegates) | 15% | SGD 2,380 | 15% | SGD 2,125 |
| Group (10 or more delegates) | 20% | SGD 2,240 | 20% | SGD 2,000 |
| Low Income Countries^ | 30% | SGD 1,960 | 30% | SGD 1,750 |
| Loyalty Discount* | 10% | SGD 2,520 | 10% | SGD 2,250 |
| Strategic Partners | 20% | SGD 2,240 | 20% | SGD 2,000 |
| Supporting Organisations | 10% | SGD 2,520 | 10% | SGD 2,250 |

An additional 7% Goods and Services Tax (GST) is applicable to delegates from Singapore-registered companies.

^ According to the World Bank classification. Please refer to http://data.worldbank.org/about/country-and-lending-groups#low_income

* Loyalty Discount is offered to past delegates of WCS 2016 and WCS 2014.

Only one discount applies, discounts cannot be used cumulatively.

For enquiries about registration and discount rates, please write to info@worldcities.com.sg

Online registration closes on 22 June 2018.
On-site registration will be available from 7 July 2018.

Site visits are available for booking and separately ticketed during online registration.
For more information on the site visits, visit www.worldcitysummit.com.sg/about-site-visits

CO-LOCATED EVENTS

Co-located events offer opportunities to interact with policymakers, government officers and industry practitioners from around the world with different expertise. Over a dozen such events are expected, such as:

6TH MEETING OF GOVERNORS/MAYORS OF ASEAN CAPITALS (SATURDAY, 7 JULY)

Singapore will host the 6th Meeting of Governors/Mayors of ASEAN Capitals (MGMAC) in 2018. The programme line-up will allow mayors and governors to address liveable and sustainable city challenges with their peers, share experiences and insights from what they are doing in their own cities, and hopefully forge partnerships and alliances that will extend beyond the meeting for future collaboration.

Started in 2013 by the Jakarta Governor, the MGMAC brings together the governors and mayors of the capital cities in ASEAN to discuss a broad range of topics pertaining to the growth and development of cities. The last five editions were respectively held in Jakarta (2013), Bangkok (2014), Kuala Lumpur (2015), Vientiane (2016) and Manila (2017).

ASEAN SMART CITIES NETWORK INAUGURAL MEETING (SUNDAY, 8 JULY)

Most of ASEAN's growth is driven by urban centres, with 90 million more people expected to urbanise by 2030. This rapid urbanisation has implications on critical issues such as traffic congestion, air and water quality, and security. Technological and digital solutions can be catalysts to resolve many of these issues, improving citizens' lives and creating new opportunities for them.

The ASEAN Member States (AMS) recognise this and many have designated specific cities as smart cities or are launching smart city projects. The ASEAN Smart Cities Network (ASCN) is set up to synergise these efforts. The ASCN is envisioned as a collaborative platform where ASEAN cities work towards the common goal of smart and sustainable urban development through the use of technology as an enabler to improve the lives of ASEAN citizens.

SPRINGER NATURE'S SCIENCE AND THE SUSTAINABLE CITY (WEDNESDAY, 11 JULY)

As climate changes, population grows, and energy and water needs soar, cities represent one of the biggest challenges – and biggest hopes – for achieving truly sustainable development. Springer Nature, the world's most respected academic publisher, will launch a summit to bring together global city leaders with leading experts on urban sustainability.

The Springer Nature's summit on Science and the Sustainable City is a full-day event that will feature four discussion panels on urban science, biophilic urbanism in designing a healthy city, Singapore as a living laboratory, and sustainable waste management with technology and big data analysis. The keynote address will be delivered by Bernard Meyerson, Chief Innovation Officer of IBM and appointee to Singapore's International Advisory Panel on Urban Solutions and Sustainability.

FUTURE CITIES LABORATORY (WEDNESDAY, 11 JULY)

Transformative Research for Future Cities: A Global Network

The Future Cities Laboratory (FCL) launches an ambitious vision to create a global research network and invites you to help shape it at this symposium. By 2050 an additional 2.5 billion people will be living in cities, and the vast majority will be in Asia and Africa. Designing, planning and managing the future cities that will accommodate these urbanising populations cannot follow current resource-intensive norms. The scale and complexity of urbanisation calls for deeper and broader collaboration between scientists, planners, designers, artists and city makers in government, industry, and civil society.

The symposium will showcase examples of cutting-edge transformative research on high density cities and building more responsive and inclusive cities, describe the vision, and provide an opportunity to enrich it. For more information, visit <http://symposium.fcl.ethz.ch>

COOLING SINGAPORE SYMPOSIUM (WEDNESDAY, 11 JULY)

Singapore is warmer than it has to be due to the Urban Heat Island (UHI) effect, a man-made phenomenon affecting large and densely populated cities. Global climate change and urbanisation will cause urban temperatures to rise further with the potential to present a serious threat to the economy, society and health of the urban population. Cities are increasingly paying attention to mitigate their UHI in order to maintain their liveability.

The Cooling Singapore team will present a UHI mitigation roadmap to guide policy and help coordinate long-term mitigation efforts and R&D activities. The research is conducted by a multidisciplinary team led by the Singapore-ETH Centre in collaboration with NUS, SMART and TUM CREATE. They will share inputs from government, the research community and private sector in developing the roadmap, and present findings from the project. For more information, please visit www.coolingsingapore.sg

For a full list of co-located events, visit www.worldcityssummit.com.sg

The World Cities Summit is held in conjunction with the Singapore International Water Week, CleanEnviro Summit Singapore and Singapore International Transport Congress and Exhibition.

SINGAPORE INTERNATIONAL WATER WEEK

The Singapore International Water Week (SIWW) is the world's premier platform to connect the water industry for innovative solutions and sustainable urban water management. The biennial event gathers stakeholders from the global water industry to share best practices, showcase latest technologies and tap business opportunities.

Highlights include **Water Leaders Summit**, a by-invite intimate gathering of global water leaders, **Lee Kuan Yew Water Prize** which honours outstanding contributions by individuals or organisations towards solving the world's water challenges, **Water Convention**, a technical conference for water practitioners to share professional insights and applied solutions, **Water Expo @ City Solutions Singapore**, the most comprehensive water and environment trade exhibition in the region, and **Business Forums**, which feature market opportunities in key markets.

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



CLEANENVIRO SUMMIT SINGAPORE



Themed 'Transforming Tomorrow's Cities with Clean Environment Solutions', the fourth biennial CleanEnviro Summit Singapore (CESS) is organised by the National Environment Agency, Singapore. This is a global platform for industry and government leaders to identify, develop and share practical, replicable and scalable solutions to address environmental challenges in the context of the waste-water-energy nexus in tomorrow's cities.

CESS 2018 will deep-dive into five streams: Waste Management, Cleaning, Sustainable Energy, Pest Management and Pollution Control. In-depth discussions and the sharing of global best practices

will be facilitated through business forums and high level plenaries, such as the Clean Environment Leaders Summit, Clean Environment Convention, and Clean Environment Regulators Roundtable. The Innovation Pitch will showcase the latest innovations in environmental technology and solutions.

For more information, visit www.cleanenvirosummit.sg

SINGAPORE INTERNATIONAL TRANSPORT CONGRESS AND EXHIBITION

The Singapore International Transport Congress and Exhibition (SITCE) will host a 3-day congress and exhibition, running parallel to the World Cities Summit, offering in-depth dialogues, exchange of ideas and networking opportunities with authorities, policy-makers, urban planners, transport operators as well as solution providers. It will provide you with a platform to forge partnerships and exchange knowledge with industry players.



Digital technologies are here and have the potential to deliver a revolutionary impact on rail transportation. Digitalisation, big data and Internet of Things will transform engineering and construction, operations and maintenance, business culture, organisation and management. The programme will explore the various fields for digital railways and how people are at the heart to lead the way to acceptance and success.

For more information, visit www.sitce.org

PROGRAMME-AT-A-GLANCE

| | MORNING | LATE MORNING | AFTERNOON | LATE AFTERNOON | EVENING | | |
|----------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------|--|
| SUNDAY 8 JULY | World Cities Summit Young Leaders Symposium (By Invitation Only) | World Cities Summit Mayors Forum (By Invitation Only) | | | WCS Exclusive Networking Night | | |
| | | | Site Visits | | | | |
| | Singapore International Water Week | | | | | | |
| MONDAY 9 JULY | Opening Ceremony, In-Conversation and Opening Plenary | | Lee Kuan Yew World City Prize and Water Prize Lectures | Leaders Summit | Closing Keynote | Lee Kuan Yew Prize Award Ceremony and Banquet | |
| | Singapore International Water Week | | | | | | |
| | | | Singapore International Transport Congress and Exhibition | | | | |
| | City Solutions Singapore | | | | | | |
| TUESDAY 10 JULY | Can Good Governance Prepare Cities for Disruptive Innovations? | Let's Talk about Money – How will Cities of the Future be Financed? | World Cities Summit Plenary | Urban Governance: Singapore's Principles and Approaches | | Industry Night at City Solutions Singapore | |
| | They say "Old is Gold" – but is it really? Urban Regeneration through Integrated Planning | Can We Create Inclusive Communities through Master Planning? | | Shaping Cities through Innovation and Collaboration in Culture | | | |
| | What does it take to be an Environmentally and Economically Resilient City? | Social Resilience – A Critical Component of a Liveable and Sustainable City? | | Site Visits and Co-located Events | | | |
| | Disruptive Innovations – Bane or Boon for Cities? | Does Public-Private- People (3P) Collaboration Yield the Best Social Innovations? | | | | | |
| | Singapore International Water Week | | | | | | |
| | CleanEnviro Summit Singapore | | | | | | |
| | Singapore International Transport Congress and Exhibition | | | | | | |
| | City Solutions Singapore | | | | | | |
| WEDNESDAY 11 JULY | Site Visits and Co-located Events | | Co-located Events | | | | |
| | Singapore International Water Week | | | | | | |
| | CleanEnviro Summit Singapore | | | | | | |
| | Singapore International Transport Congress and Exhibition | | | | | | |
| | City Solutions Singapore | | | | | | |
| THURSDAY 12 JULY | Site Visits | | | | | | |

*Programme updated as of 25 January 2018

LEGEND

- Joint Programme
- World Cities Summit
- Singapore International Water Week
- CleanEnviro Summit Singapore
- Singapore International Transport Congress and Exhibition

WORLD CITIES SUMMIT THEMATIC FORUMS (TUESDAY, 10 JULY)

Urban Governance: Singapore's Principles and Approaches

Co-curated with Singapore's Civil Service College, this forum aims to use local case studies to illustrate the dynamic nature of urban governance that sustains the conditions for a liveable city to thrive. Speakers include Singapore's former Head of Civil Service, Peter Ho, the current Chief Planner from the Urban Redevelopment Authority, Hwang Yu-Ning, and Managing Director of the Economic Development Board, Chng Kai Fong.

Shaping Cities through Innovation and Collaboration in Culture

Social fragmentation and technological disruptions are increasingly prevalent challenges faced by cities and their residents. For cities of the future to be liveable and sustainable, innovative and collaborative urban solutions are needed. These may go beyond existing practices of good governance and sound planning by authorities, to involve innovative uses of culture in collaboration with key stakeholders. How can we meaningfully weave cultural elements into our urban landscape, to maximise their positive impact and the social benefits for our residents? This forum is co-curated with Singapore's Ministry of Culture, Community and Youth.



The biennial World Cities Summit is an exclusive platform for government leaders and industry experts to address liveable and sustainable city challenges, share integrated urban solutions, and forge new partnerships. 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 Lecture, the annual World Cities Summit Mayors Forum and Young Leaders Symposium.

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