

Celebrating **Sustainable** and **Resilient** Cities



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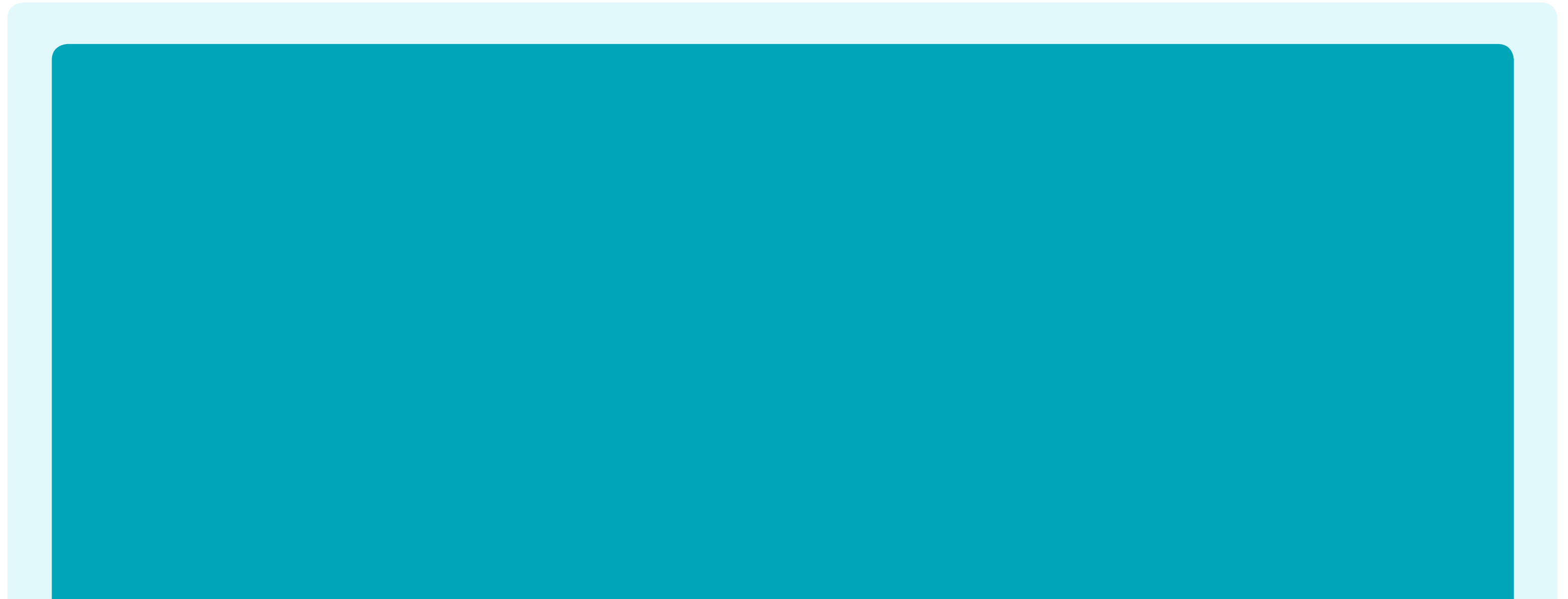
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HIGHLIGHT EVENTS FOR FY2018/2019



APR 2018 MAY JUN JUL AUG SEP OCT NOV DEC JAN 2019 FEB MAR

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CHAIRMAN'S MESSAGE



Dr Liu Thai Ker
Chairman

Established in June 2008, The Centre for Liveable Cities (CLC) is now 10 years old. The Centre has positioned itself as a practitioner-oriented knowledge centre that works closely with government agencies, academic institutions and the industry to record, create and share knowledge to help make cities more liveable, sustainable and resilient in our rapid-changing world. It focuses on research and documentation of Singapore's urban development, liveability in cities and related issues of governance. CLC was also tasked with conducting training for local and international city leaders, and to promote Singapore as one of the thought leaders through the organisation of the biennial World Cities Summit (WCS).

Besides sharing knowledge, the Centre has over the years intensified the effort to exchange urban planning knowledge with other cities. The Centre has established a wide network of over 400 cities, international organisations, research institutions and industry partners, which includes the Urban Land Institute (ULI), Seoul Institute (SI), National Development and Reform Commission (NDRC), Development Research Centre of the State Council of China (DRC) and 100 Resilient Cities (100RC), among others. The Centre also provides advisory services to cities such as Amaravati, Colombo, Jakarta and Yangon.

Among the activities during the year, a major highlight was the successful completion of the **6th World Cities Summit (WCS)**, together with the WCS Mayors Forum, the WCS Young Leaders Symposium and the presentation of the Lee Kuan Yew World City Prize 2018 to Seoul. Held in Singapore from 8–12 July 2018, the Summit was attended by more than 1,800 high-level delegates, including 133 mayors and city leaders from 128 cities. Taking into account the Singapore International Water Week and the CleanEnviro Summit Singapore, the three events collectively

attracted a record 24,000 participants. What was most heartening to the Centre was that a large proportion of the participants had been coming to these events over the years. They were discussing urban issues more as friends among themselves and therefore could go into greater depth in the debate to generate more useful conclusions.

Another highlight was our involvement in the **ASEAN Smart Cities Network (ASCN)**. CLC and our Ministry of Foreign Affairs organised the ASEAN Smart Cities Governance Workshop for 26 pilot cities to develop Smart City Action Plans; and prepare the ASEAN Smart Cities Framework, the ASCN's foundational document. The Centre played a key role in matchmaking 33 MOUs and LOIs inked between the 26 cities and 108 solution partners.

Among the many publications by CLC, **'Singapore and India: Partnering for Liveable and Sustainable Cities'** warrants a special mention. It attempts to document a programme organised by CLC and India's Town and Country Planning Organisation, with highlights of 11 Indian cities. The publication was presented by Singapore's Prime Minister Lee Hsien Loong to India's Prime Minister Narendra Modi in June, during his official visit to Singapore.

As CLC embarks on its second decade, we remain committed to advance our mission through deeper research, greater engagement with our partners, and to increase outreach of our capability development programmes and advisory work to meet evolving needs. We thank our Advisory Board members, stakeholders, fellows, experts, partners and staff for their contributions, to help us distil, create and share knowledge to make Singapore and other cities become more liveable and sustainable.

EXECUTIVE DIRECTOR'S MESSAGE



Khoo Teng Chye
Executive Director

The Centre celebrated its 10th anniversary in 2018. With a mission to distil, create and share knowledge on liveable and sustainable cities, the Centre has established itself as a reputable knowledge centre on integrated urban planning and governance over the course of its first decade.

CLC's core product is the **Urban Systems Studies (USS)**, a practitioner-centric series of case studies that documented Singapore's urban governance, planning and development processes and achievements. Over a decade of rigorous research process and over 520 interviews with urban pioneers and domain experts, CLC completed 24 USSes that delve deep into various aspects of Singapore's development. These USSes are used by schools, research institutes and universities as useful case studies and teaching materials.

The **Singapore Liveability Framework** guides all of CLC's knowledge works, including the curation of all **Capability Development** programmes. This ensures participants are exposed to the deep knowledge of Singapore's urban development journey and allows fruitful discussion on future urban challenges. A total of 2,064 local and 2,269 international participants have been trained through various capability development programmes.

The year in review, from April 2018 to March 2019, was an exciting and productive one for the Centre for Liveable Cities (CLC).

Guided by the Singapore Liveability Framework, experts and visiting fellows, our applied research projects completed in 2018 focused on ways to create a better work-live-play-learn environment in Singapore's one-north innovation district and to make mature estates like Tampines more liveable, sustainable and people-friendly. CLC collaborated with Seoul Institute to explore the ageing landscape in Seoul and Singapore and the ongoing efforts to create age-friendly cities. CLC also partnered

100 Resilient Cities to examine how Singapore can overcome key challenges, especially new and complex ones such as climate change and demographic shifts to create 'A Resilient Singapore' – the title of our joint publication. Research that raised cross-cutting issues and innovative urban solutions were also published as insights pieces that are disseminated to key policymakers, including Ministers, Permanent Secretaries and CEOs of government agencies.

The Centre continues to provide various knowledge platforms like the World Cities Summit (WCS), CLC lecture series and Urban Solutions – CLC's flagship magazine, for urban practitioners and thought leaders to exchange knowledge. Throughout the year, 11 lectures were organised and each was attended by over 200 participants.

Our capability development efforts for 2018 includes the Leaders in Urban Governance Programme (LUGP) and Executive Development and Growth Exchange (EDGE) training programmes for Singapore officials; and international programmes like the Singapore – UN-Habitat International the Leaders in Urban Governance Programme (SG – UN-Habitat iLUGP) and Temasek Foundation International Leaders in Urban Governance Programme (TFILUGP) trained 137 city leaders from 51 cities.

These and other achievements during 2018-19 are highlighted in this report, **"Celebrating Sustainable and Resilient Cities"**.

All in all, CLC has built up strengths as a knowledge repository of Singapore's urban development experiences and a knowledge centre for urban thought leadership training. CLC will continue to strengthen as a leading knowledge centre on urban governance and systems and continue to expand its network of cities, international organisations, research institutions and industry partners. This will propel the global mindshare of Singapore's leading position in liveability and sustainability.

PEOPLE

Chairman ▶



Dr Liu Thai Ker
Chairman, Morrow Architects & Planners Pte Ltd



Ms Goh Swee Chen
Former Chairman, Shell Companies in Singapore



Prof Lily Kong
Provost & Lee Kong Chian Chair Professor of Social Sciences, Singapore Management University



Prof Lam Khee Poh
Dean, School of Design & Environment, National University of Singapore



Mr Liak Teng Lit
Chairman, National Environment Agency



Mr David Lim Tik En
Director, Wheelock Properties Singapore



Prof Kishore Mahbubani
Senior Advisor, Office of the Vice President (University and Global Relations); Professor in the Practice of Public Policy, National University of Singapore



Dr Seek Ngee Huat
Chairman, Institute of Real Estate Studies, National University of Singapore



Dr Tan Chin Nam
Chairman, Global Fusion Capital Pte Ltd; Senior Corporate Adviser & Former Permanent Secretary

PEOPLE

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Former Permanent Secretary,
Ministry of National
Development



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Alan**
Chairman, Land Transport
Authority



Mr Peter Ho
Chairman, Urban
Redevelopment Authority



Mr Lim Chee Onn
Senior International Advisor,
Ascendas-Singbridge Pte Ltd



Mr David Lim Tik En
Director, Wheelock Properties
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Mr Mah Bow Tan
Chairman, Global Yellow Pages
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Prof Ngiam Tong Dow
Adjunct Professor, Lee
Kuan Yew School of Public
Policy, National University of
Singapore



Mr J Y Pillay
Rector, College of Alice
& Peter Tan, National
University of Singapore



Dr Tan Chin Nam
Chairman, Global Fusion
Capital Pte Ltd; Senior
Corporate Adviser & Former
Permanent Secretary



Mr Tan Gee Paw
Special Advisor, Public Utilities
Board



Mr Tan Yong Soon
Adjunct Professor
Lee Kuan Yew School of Public
Policy, National University of
Singapore



Prof Aline Wong
Advisor to SR Nathan School
of Human Development,
Singapore University of Social
Sciences



Mr Philip Yeo
Chairman, Economic
Development Innovations
Singapore Pte Ltd

PEOPLE



Prof Paul Cheung

Professor of Social Policy and Analytics, Lee Kuan Yew School of Public Policy, National University of Singapore

Mr Chionh Chye Khye

Former Executive Director, Council for Estate Agencies

Prof Heng Chye Kiang

Lum Chang Chair Professor, School of Design and Environment, National University of Singapore

Dr John Keung

Dean, BCA Academy

Mr Lim Neo Chian

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Mr Richard Lim

Chairman, ST Logistics Pte Ltd

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Chairman, Nanyang Academy of Fine Arts

Prof Lui Pao Chuen

Advisor, National Research Foundation, Prime Minister's Office



Prof Neo Boon Siong

Canon Professor of Business Dean, Nanyang Business School, Nanyang Technological University

Dr Ngiam Tong Tau

Chairman, Sky Urban Solutions Pte Ltd

Prof Phang Sock Yong

Vice-Provost (Faculty Matters), Singapore Management University

Mr Andrew Tan

Former Chief Executive, Maritime and Port Authority of Singapore

Prof Tan Kong Yam

Professor of Economics, Nanyang Technological University

Prof Leo Tan Wee Hin

Director (Special Projects) Faculty of Science, National University of Singapore

Tan Poh Hong

Former Chief Executive Officer, Agri-Food and Veterinary Authority of Singapore

PEOPLE

Mr Arthur Aw	Former Chief Development Planning Officer and Deputy Chief Real Estate Development Officer
Mr Marc Boey Kok Leong	Chief Operating Officer, Far East International, Director of Planning and Acquisitions
Mr Chan Yoon Kum	Senior Advisor
Mr Choy Chan Pong	Former Senior Advisor
Mr Foo Chee See	Director
Mr Foong Chee Leong	Former Director-General Meteorological Services and Director of Pollution Control
Mr Goh Hup Chor	Former Deputy Chief Planner
Mr Gopinath Menon	Fellow
Mr Jeffrey Ho	Senior Director
Mr Jeremy Lim	Partner, Health and Life Sciences
Mr Joseph Hui	Senior Associate Trainer
Mr Joseph Yee	Senior Consultant
Mr Khoo Seow Poh	Deputy Chief Executive Officer
Mr Lau Joo Ming	Senior Advisor
Mrs Pamela Lee	Former Senior Tourism Consultant
Mr Leong Chee Chiew	Executive Director, National Parks, Gardens & Nature Reserves Cluster; Deputy Chief Executive Officer, Professional Development & Services Cluster; Commissioner of Parks and Recreation
Mr Leung Yew Kwong	Principal Consultant
Mr Lim Chin Chong	Former Deputy Chief Executive Officer
Mr Loh Ah Tuan	Former Deputy Chief Executive Officer & Director-General
Mr Simon Longman	Former Director (Streetscape)
Mr Wilfred Loo	Former Senior Vice President (Planning)
Mr Low Tien Sio	Former Deputy Chief Executive
Mr Mohinder Singh	Former Advisor, LTA Academy
Mr Ong Geok Soo	Former Advisor, Chairman's Office
Mr Ong Seng Eng	Former Director, Waste & Resource Management Department
Mr P Teva Raj	Senior Director, Municipal Landscapes Division
Mr Sng Cheng Keh	Former Deputy Chief Executive Officer
Mr Benedict Tan Chye Hup	Former Senior Advisor
Mr Tan Choon Shian	Chief Executive
Mr Tan Siong Leng	Former Deputy Chief Executive Officer
Mr Tan Tian Chong	Deputy Managing Director, Built Environment Research and Innovation Institute
Mr Tan Yok Gin	Deputy Chief Executive (Operations)
Mr Wong Kai Yeng	Former Group Director
Mr Yap Chin Beng	Senior Advisor (Estate & Corporate)
Mr Yap Kheng Guan	Former Senior Director
Er Yap Tiem Yew	Former Group Director, Building & Infrastructure
Er Yeo Yek Seng	Former Deputy Chief Executive (Economic Regulation Division)

Ascendas-Singbridge Group
Far East Organisation
PUB, Singapore's National Water Agency
Urban Redevelopment Authority
SCP Consultants Pte Ltd
National Environment Agency
Urban Redevelopment Authority
The Institution of Engineers, Singapore
Surbana Jurong Consultants Pte Ltd
Oliver Wyman Asia Pacific
National Environment Agency
Changi Airport Group
National Environment Agency
MOH Holdings Pte Ltd
Singapore Tourism Board
National Parks Board
KPMG Services Pte Ltd
Sino-Singapore Tianjin Eco-city Investment and Development Co., Ltd
National Environment Agency
National Parks Board
Surbana Jurong Consultants Pte Ltd
Land Transport Authority
Land Transport Authority
JTC Corporation
National Environment Agency
National Parks Board
Housing & Development Board
Building & Construction Authority
Workforce Singapore
Urban Redevelopment Authority
Building & Construction Authority
PUB, Singapore's National Water Agency
Urban Redevelopment Authority
Housing & Development Board
PUB, Singapore's National Water Agency
Housing & Development Board
Energy Market Authority

PEOPLE

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Parent Ministries



Stakeholder Agencies



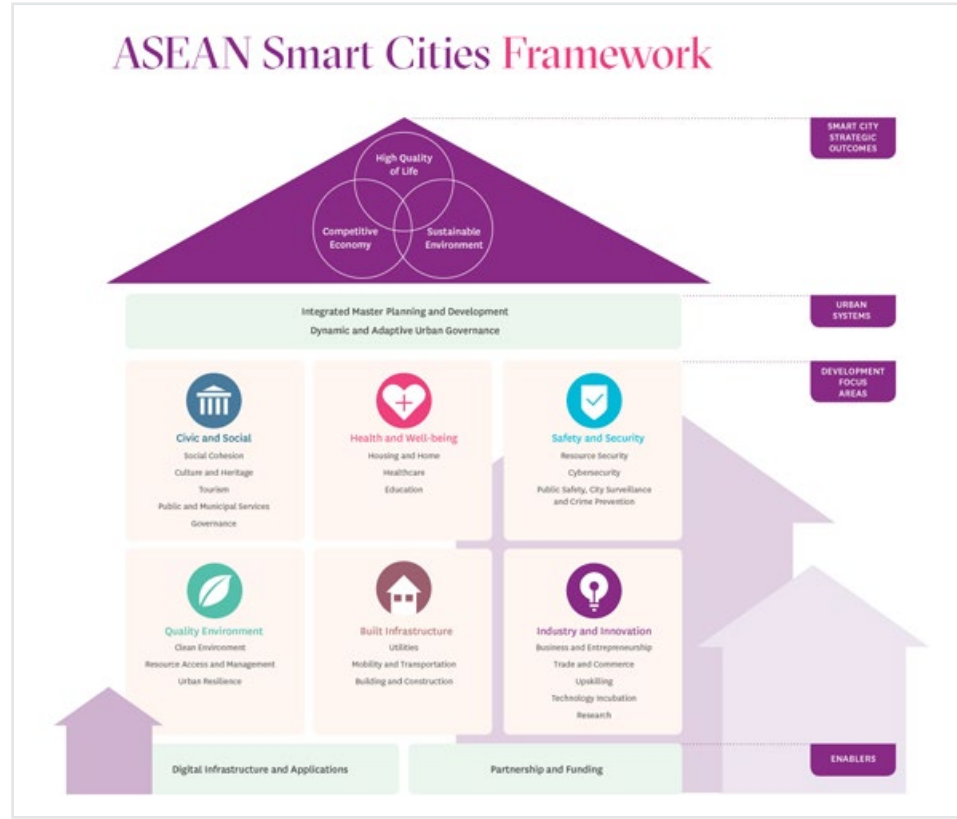
SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 REIMAGINING ONE-NORTH A RESILIENT SINGAPORE AGE-FRIENDLY CITIES



SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 REIMAGINING ONE-NORTH A RESILIENT SINGAPORE AGE-FRIENDLY CITIES

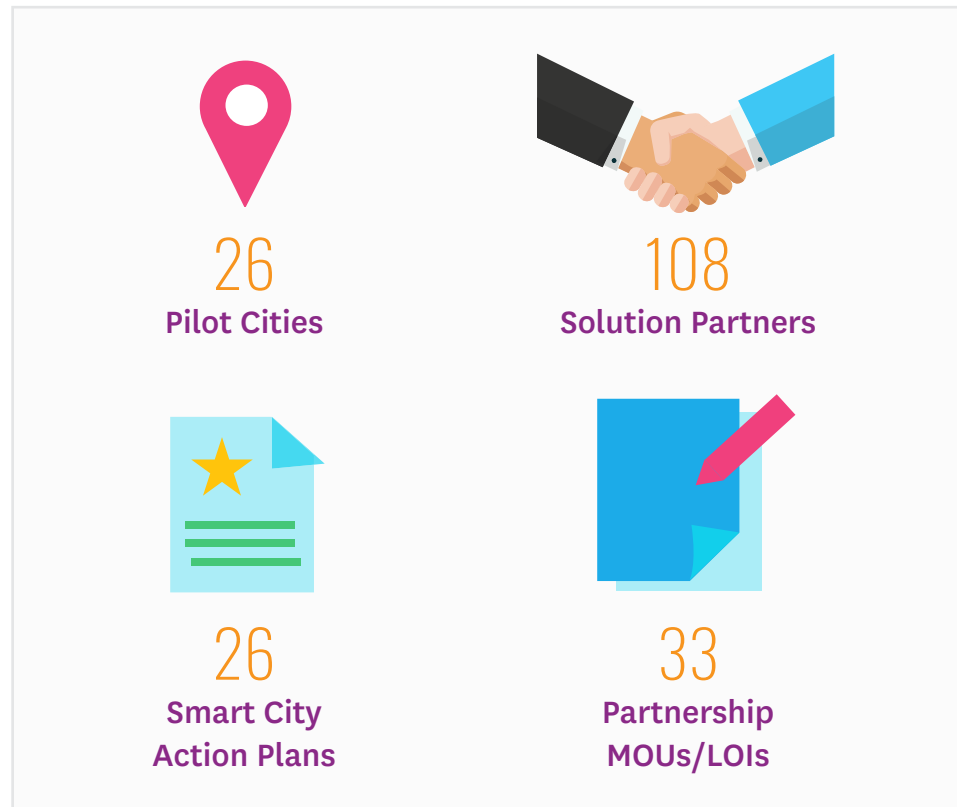
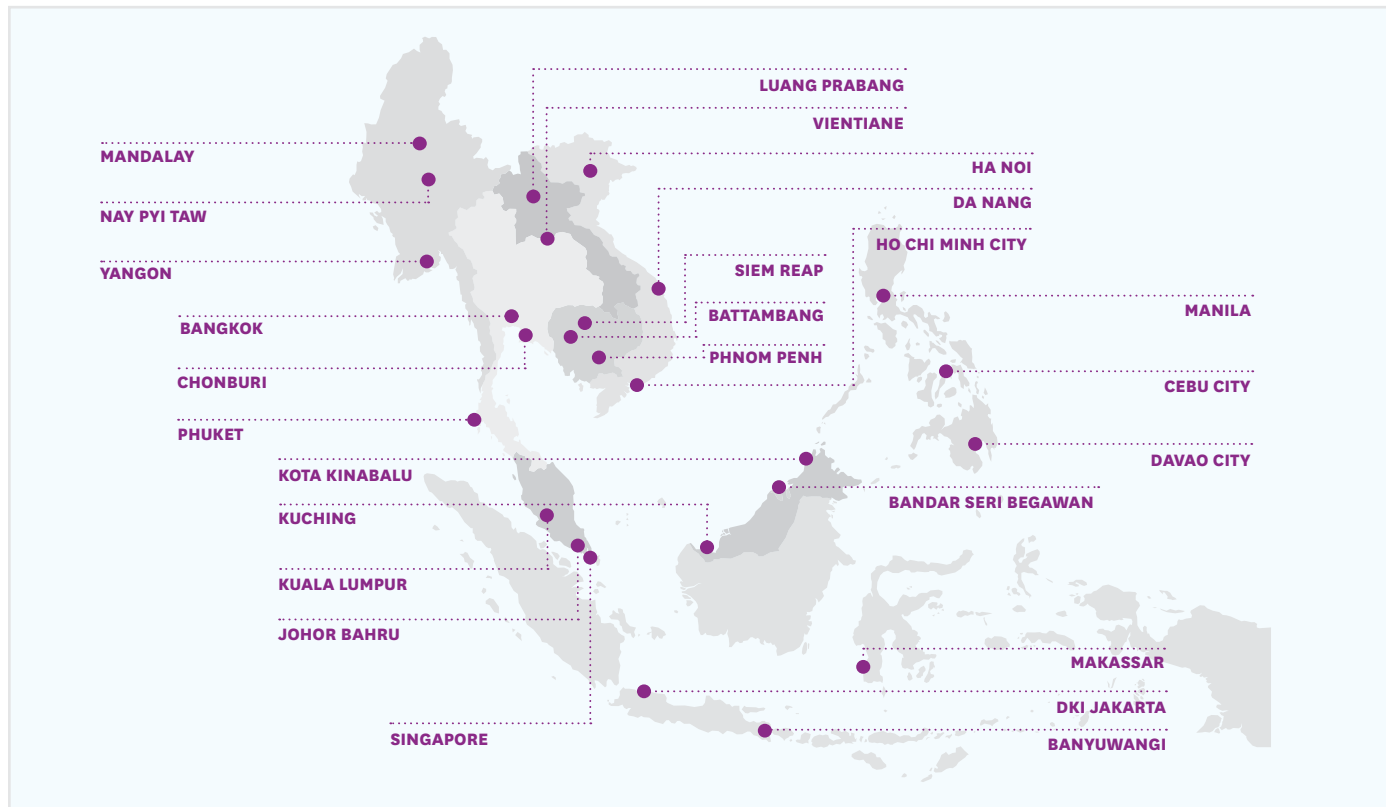


ASEAN Smart Cities Network (ASCN)

The Association of Southeast Asian Nations (ASEAN) is undergoing rapid urbanisation. This leads to increased challenges of congestion, strained infrastructure, pollution, climate change, lack of affordable housing and socio-economic equity. At the same time, cities are looking to harness digital technologies and “smart” solutions to become more efficient, sustainable and liveable.

Under Singapore’s recent Chairmanship of the ASEAN, Member States recognised the benefits to harness digital technologies and “smart” solutions to make cities more efficient, sustainable and liveable. This led to the establishment of the ASEAN Smart Cities Network (ASCN) in April 2018. The ASCN’s goal is to improve the lives of people using technology as an enabler. Initially focusing on a pioneering batch of 26 cities, the ASCN aims to provide a platform where regional development strategies can be translated and coordinated at the central level and implemented at the city level. ASCN introduced the role of Chief Smart City Officer, who oversees the city’s drive towards smart and sustainable urbanisation. The ASCN will:

- Promote cooperation on smart city development among ASEAN cities;
- Develop commercially viable projects together with private-sector solution providers;
- Facilitate collaboration with ASEAN’s external partners through funding and other avenues of support.



SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 REIMAGINING ONE-NORTH A RESILIENT SINGAPORE AGE-FRIENDLY CITIES



ASEAN Smart Cities Framework

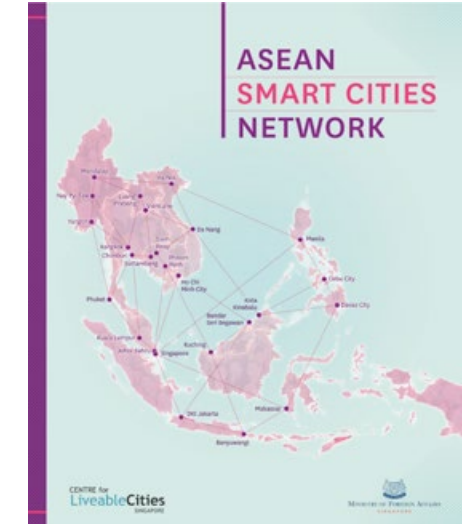
CLC and MFA played a key role in preparing the ASEAN Smart Cities Framework, a foundational document that serves as a non-binding guide for the region. Following several rounds of discussions among member cities and national representatives during the ASEAN Smart Cities Governance Workshop, the Framework was endorsed by the ASCN at the Inaugural ASCN Meeting and formally adopted by regional leaders at the 33rd ASEAN Summit in November 2018. It encapsulates the region's collective voices and shared vision of sustainable urbanisation and sets out ASEAN's definition of a smart city.

ASEAN Smart Cities Governance Workshop

Organised by CLC and MFA from 22–25 May 2018, the ASEAN Smart Cities Governance Workshop was the first milestone in the ASCN's journey. Attended by 70 officials from ASEAN countries and member cities, the Workshop forged meaningful relationships that will undergird this network. The cities worked with expert consultants to develop their Smart City Action Plans (SCAPs), discussed the draft ASEAN Smart Cities Framework and networked with prospective partners from the public and private sectors to explore potential collaborations on commercially viable projects.

Inaugural ASCN Meeting

The ASCN cities further developed their SCAPs and priority projects, which were unveiled at the Inaugural ASCN Meeting held on 8 July 2018, during the World Cities Summit.



ASCN Book

The ASCN's efforts and progress have been captured in an eponymous publication produced by the Centre and launched at the 33rd ASEAN Summit.

[read here](#)

The ASCN has made encouraging progress since its establishment. They have also looked beyond the region, inking promising partnerships with governments, multilateral institutions and private sector companies to expand ASCN's global reach. The ASCN will continue under Thailand's chairmanship in 2019, with Singapore continuing to play a shepherding role.

SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) **WORLD CITIES SUMMIT 2018** REIMAGINING ONE-NORTH A RESILIENT SINGAPORE AGE-FRIENDLY CITIES



World Cities Summit 2018

The 6th edition of the World Cities Summit (WCS) held in Singapore from 8 to 12 July 2018 drew more than 1,800 delegates, including 133 mayors and 43 high-level ministers.

Key highlights included the 9th WCS Mayors Forum, the 5th WCS Young Leaders Symposium and the presentation of the Lee Kuan Yew World City Prize 2018 to Seoul, recognising their initiatives to address rapid urbanisation by harnessing smart technologies and citizen inputs.

The Summit's overall theme—Liveable & Sustainable Cities: Embracing the Future through Innovation and Collaboration—underscored the need for adaptation to changes and active community participation in the face of disruptive technologies and global challenges, such as climate change and ageing populations. Four main themes—Governance, Planning, Resilience and Innovation—framed the sharing of common problems, best practices and policy options. Cities were urged to take the next step up to address current major urban issues by partnering with public and private sector agencies in more integrated ways.

The WCS provided cities the **opportunities to learn** from each other on how to address shared challenges. Global financial centres can demonstrate innovative ways to tap capital markets to fund urban development projects.



SPOTLIGHT

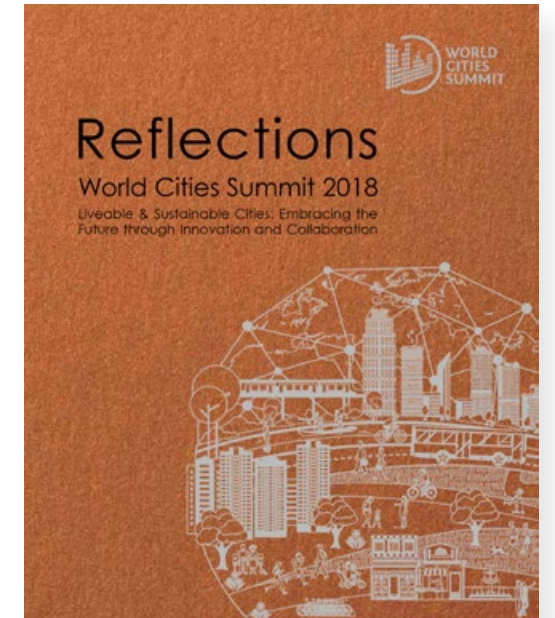
ASEAN SMART CITIES NETWORK (ASCN) **WORLD CITIES SUMMIT 2018** REIMAGINING ONE-NORTH A RESILIENT SINGAPORE AGE-FRIENDLY CITIES



Disruptive technologies were in the spotlight, highlighting the transformative changes they can bring to almost all aspects of society, including new modes of business, communication and transport. Delegates also discussed on how to address industry churn and job losses by re-skilling workers for new roles arising from technological change. Leaders were also urged to remain mindful of people left behind by the tides of change and **ensure inclusivity**.

Delegates called for **greater people participation** to involve an increasingly active and vocal citizenry in the co-creation of urban solutions to improve liveability and sustainability. While the WCS has emphasised the importance of making cities more 'people-centric', this year's Summit took it further with calls to add a fourth 'P' (People) to the established concept of Public-Private Partnerships.

Social resilience and **environmental sustainability** were recognised as important aspects of liveability that will increasingly influence the health and physical wellbeing of urban dwellers and require fresh and innovative approaches. These includes promoting sports to improve the health of an ageing population, using GPS-enabled snow excavators to rescue the elderly and providing free reading glasses for all seniors.



For more information, please read "Reflections: World Cities Summit 2018".

[read here](#)

The next WCS Mayors Forum will be held on 10–12 July 2019 in Medellín, Colombia. The 7th edition of the World Cities Summit will be held from 5–9 July 2020 in Singapore.

SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 REIMAGINING ONE-NORTH A RESILIENT SINGAPORE AGE-FRIENDLY CITIES



Reimagining one-north

one-north is home to Singapore's knowledge-intensive and innovation-based industries. It hosts clusters of world-class research facilities and business park space to support the growth of biomedical sciences, information and communication technology, media, physical sciences and engineering.

CLC conducted a joint research with JTC in a three-part study of the district. It built upon our 'Reimagining' series of forward-looking research projects, deploying a methodology that requires a comprehensive and critical review of the district from multiple viewpoints.

The first part comprised primary research focused on the social, real estate and urban design analysis of the district. It drew on collaborative discussions and workshops with key agencies, stakeholder interviews, analysis of relevant data sets from government agencies, expert-led workshops and user surveys to analyse the strengths and weaknesses of one-north, resulting in four key recommendations for its on-going development.

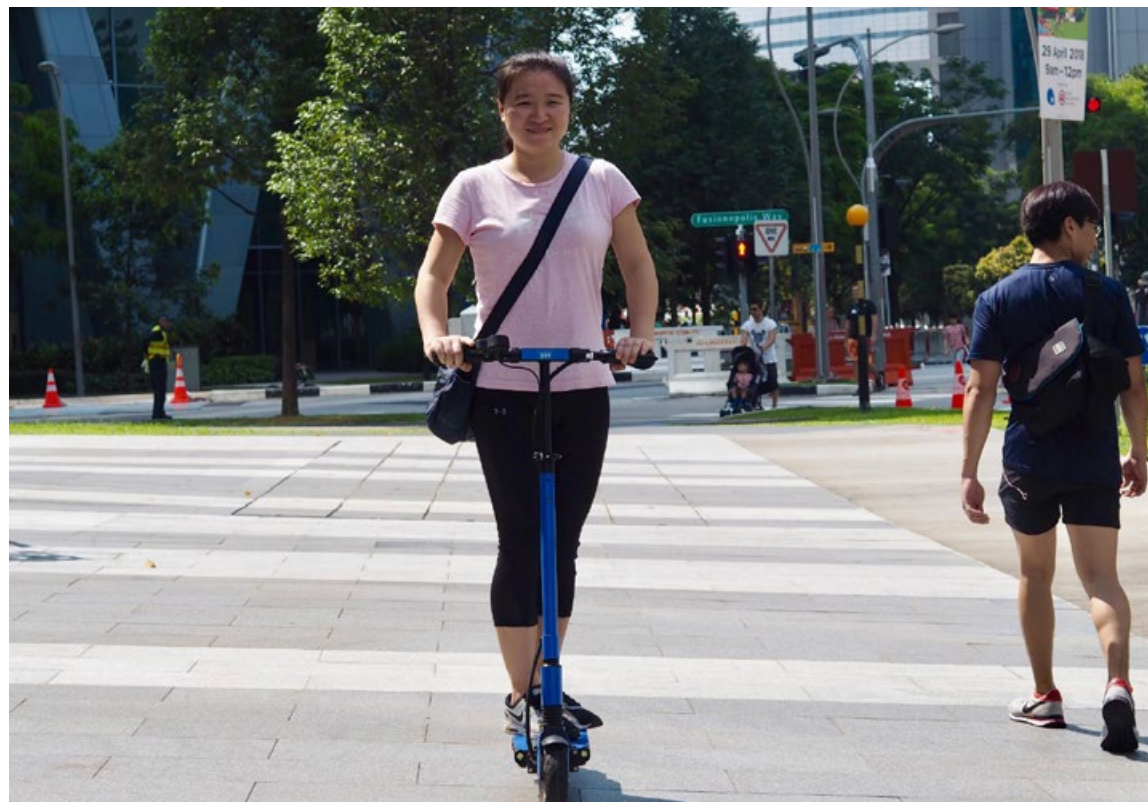
SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 **REIMAGINING ONE-NORTH** A RESILIENT SINGAPORE AGE-FRIENDLY CITIES



The second part took the mobility and connectivity aspects of the initial primary research deeper through collaboration with the Master of Landscape Architecture programme offered by the National University of Singapore (NUS) School of Design and Environment's Department of Architecture. This took the form of an intense design studio that delivered a rigorous and comprehensive set of ideas targeted at transforming one-north into a walkable and cyclable district, using both quantitative and qualitative analysis.

The final part of this study built upon the strategies of the first two parts, with CLC partnering NUS Lee Kuan Yew School of Public Policy to develop a set of critical questions on one-north's progress, especially on whether it has lived up to the expectations of its stakeholders. A set of policy recommendations was proposed, stemming from earlier research findings.



SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 REIMAGINING ONE-NORTH **A RESILIENT SINGAPORE** AGE-FRIENDLY CITIES



A Resilient Singapore (collaboration with 100 Resilient Cities)

“A Resilient Singapore” is jointly published by CLC and 100 Resilient Cities (100RC). “A Resilient Singapore” captures Singapore’s transformation from urban squalor of the 1960s to one of the world’s most liveable cities and maps out how it can tackle two new key challenges of climate change and shifting demographics.

While integrated long-term planning and sound urban governance have enabled Singapore to adapt and thrive despite stresses and shocks, the new and complex challenges require non-conventional solutions that recognise how people and communities are at the heart of resilience.

Climate change and shifting demographics have significant impacts across different sectors. Some issues such as flash floods are already apparent. As a small, low-lying island, Singapore faces an existential threat from rising sea levels. Increasing average daily temperatures can cause the proliferation of diseases such as Dengue and Zika. Climate change also leads to crop failures in countries from which Singapore

imports its food. An increase in rainfall intensity could overwhelm even an expanded drainage system and cause flash floods. Hence, water security and flood prevention plans must be able to cope with impacts of changing weather patterns.

Demographic changes arising from an ageing population and calibrated immigration will test Singapore’s social resilience and require continued work in building communities and trust in a multicultural, multiracial and multi-religious city-state.

Rules-based approaches that have helped Singapore succeed thus far may not necessarily be suitable for tackling the two key challenges. “A Resilient Singapore” calls for a more values-based approach to the city-state’s challenges and opportunities. This requires the community to be better educated and engaged on the key risks and challenges, and for the government to continue reaching out and co-create solutions with various stakeholders.

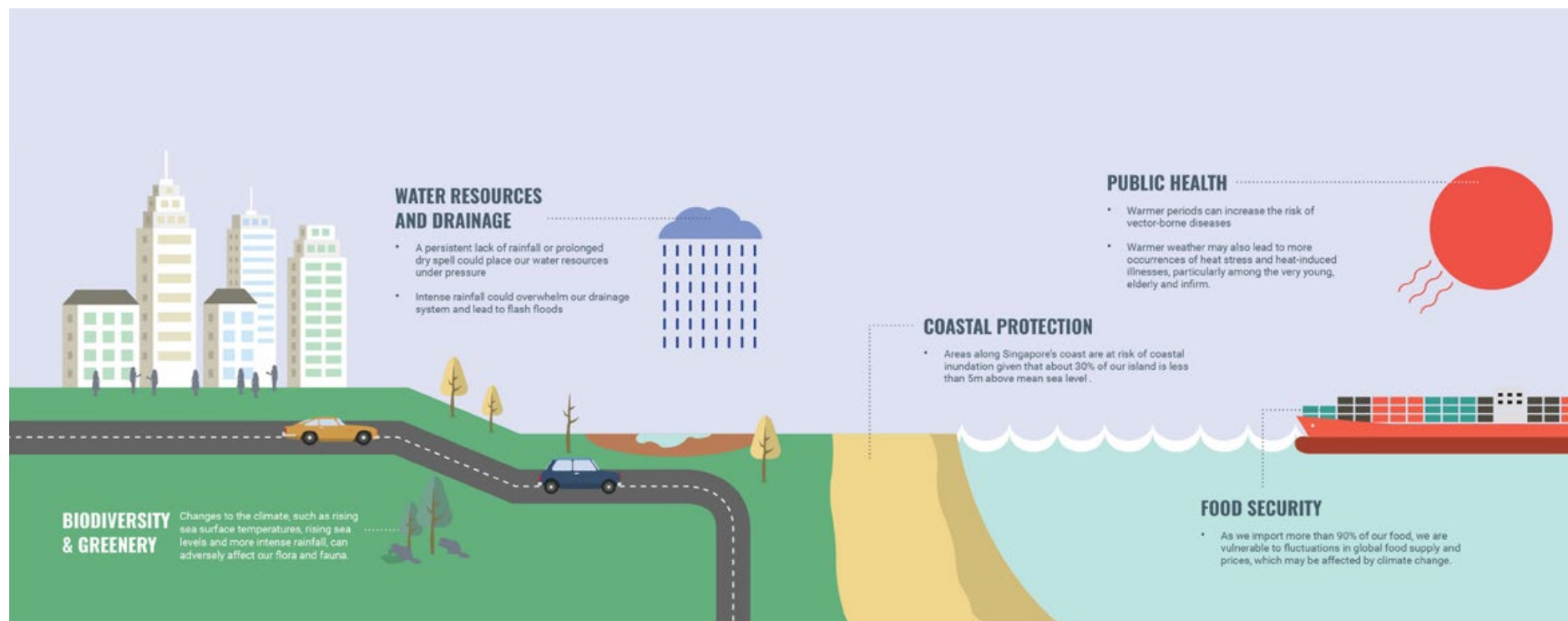
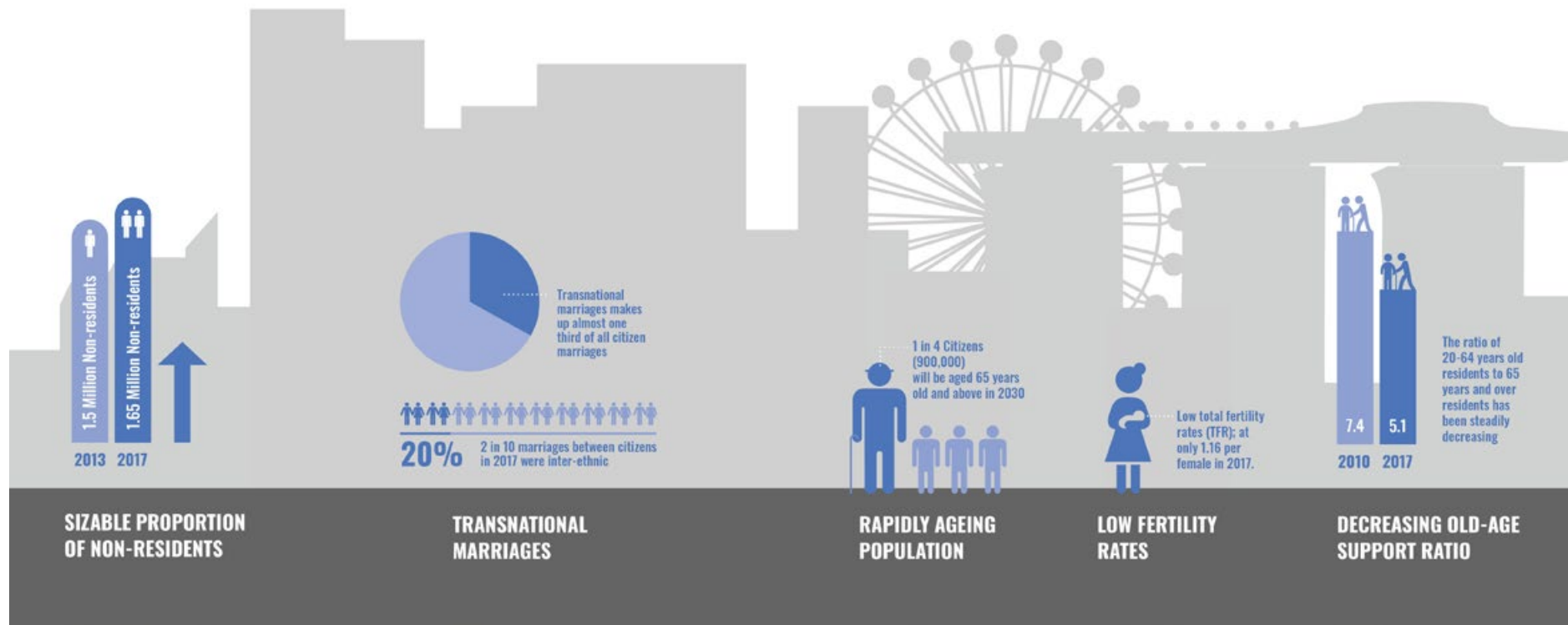
Seven Qualities of Resilience

Credit: 100 Resilient Cities



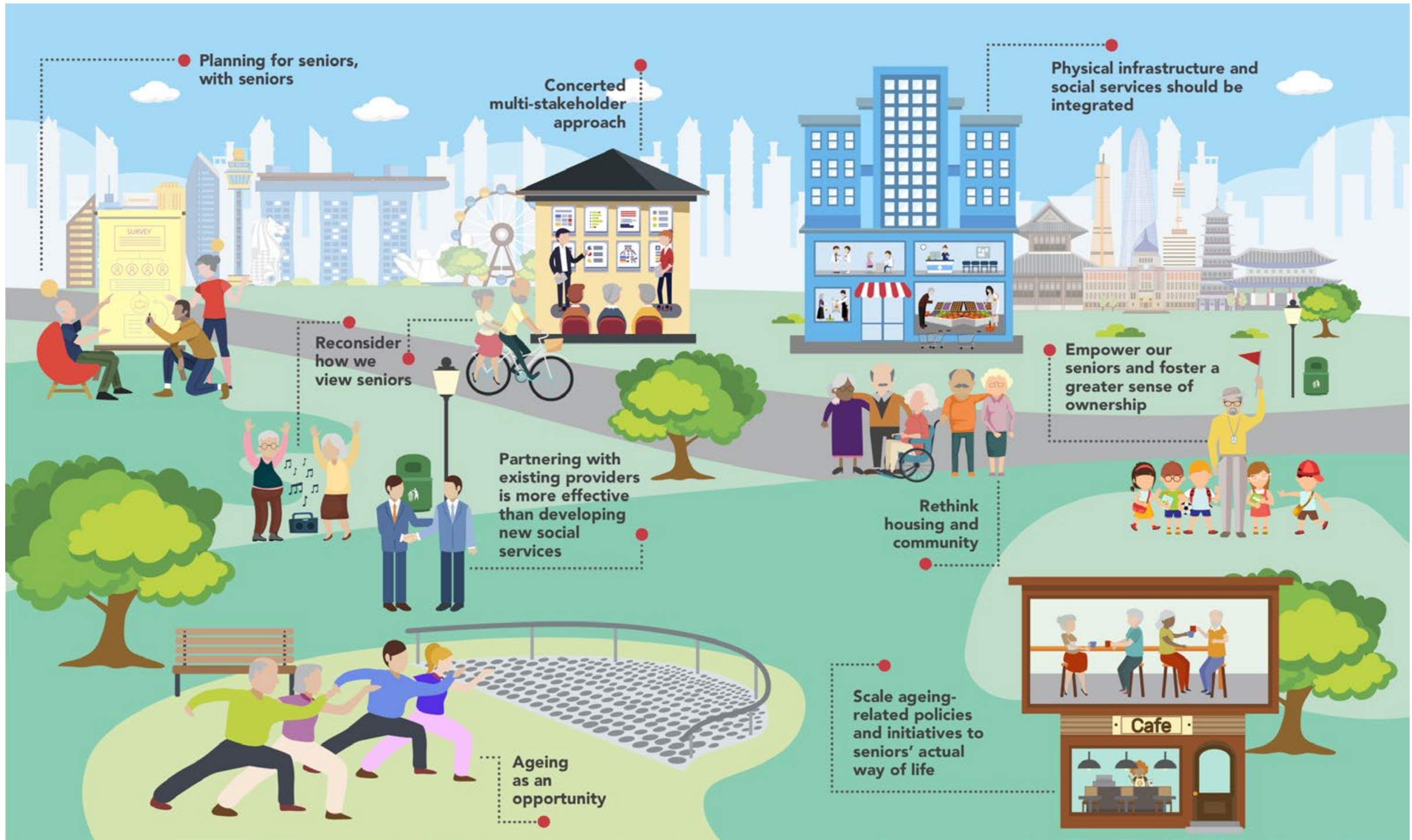
SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 REIMAGINING ONE-NORTH **A RESILIENT SINGAPORE** AGE-FRIENDLY CITIES



SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 REIMAGINING ONE-NORTH A RESILIENT SINGAPORE AGE-FRIENDLY CITIES



Age-Friendly Cities

Seoul and Singapore are experiencing a demographic shift as their populations age. Over the years, both cities have formulated plans, programmes and policies to support their seniors to live healthily, actively and purposefully as they navigate their daily lives within high-density urban environments. Both Seoul and Singapore share common aspirations to continue building age-friendly cities that support and empower their seniors.

“Age-Friendly Cities: Lessons from Seoul and Singapore” is the third joint research publication between the Centre for Liveable Cities and the Seoul Institute. This publication explores the current and future ageing landscape in Seoul and Singapore and their ongoing efforts to address these issues. Case studies are examined under the themes of ageing-in-place and active ageing to distil common lessons on how cities can be more inclusive for seniors.

SPOTLIGHT

ASEAN SMART CITIES NETWORK (ASCN) WORLD CITIES SUMMIT 2018 REIMAGINING ONE-NORTH A RESILIENT SINGAPORE **AGE-FRIENDLY CITIES**



Summary of Seoul's Age-Friendly Seoul Master Plan

Developed based on World Health Organisation (WHO) 'Global Age-Friendly Cities: A Guide' in an effort to join the Global Network for Age-Friendly Cities and Communities (GNAFCC) Launched **2012**

Key Concepts

- Age-Friendly City
- Active Ageing
- Ageing-in-Place
- Generational Integration

Focus Areas

- Support for baby boomers
- Community care
- Age-friendly environment
- Leisure and culture
- Respect and integration
- Customised employment

Engagement

- Via the Seoul Senior Policy Monitoring Group since 2014
- Groups of about 50 people including youth and seniors
- Review different aspects of the plan every year through discussions and site inspections
- 2nd Action Plan in preparation

Summary of Singapore's Action Plan for Successful Ageing

Developed by the Ministerial Committee on Ageing (MCA). The Action Plan serves as Singapore's blueprint to prepare for population ageing. Launched **2015**

Vision

- Opportunities for All Ages
- Kampong (village) for All Ages
- City for All Ages

Focus Areas

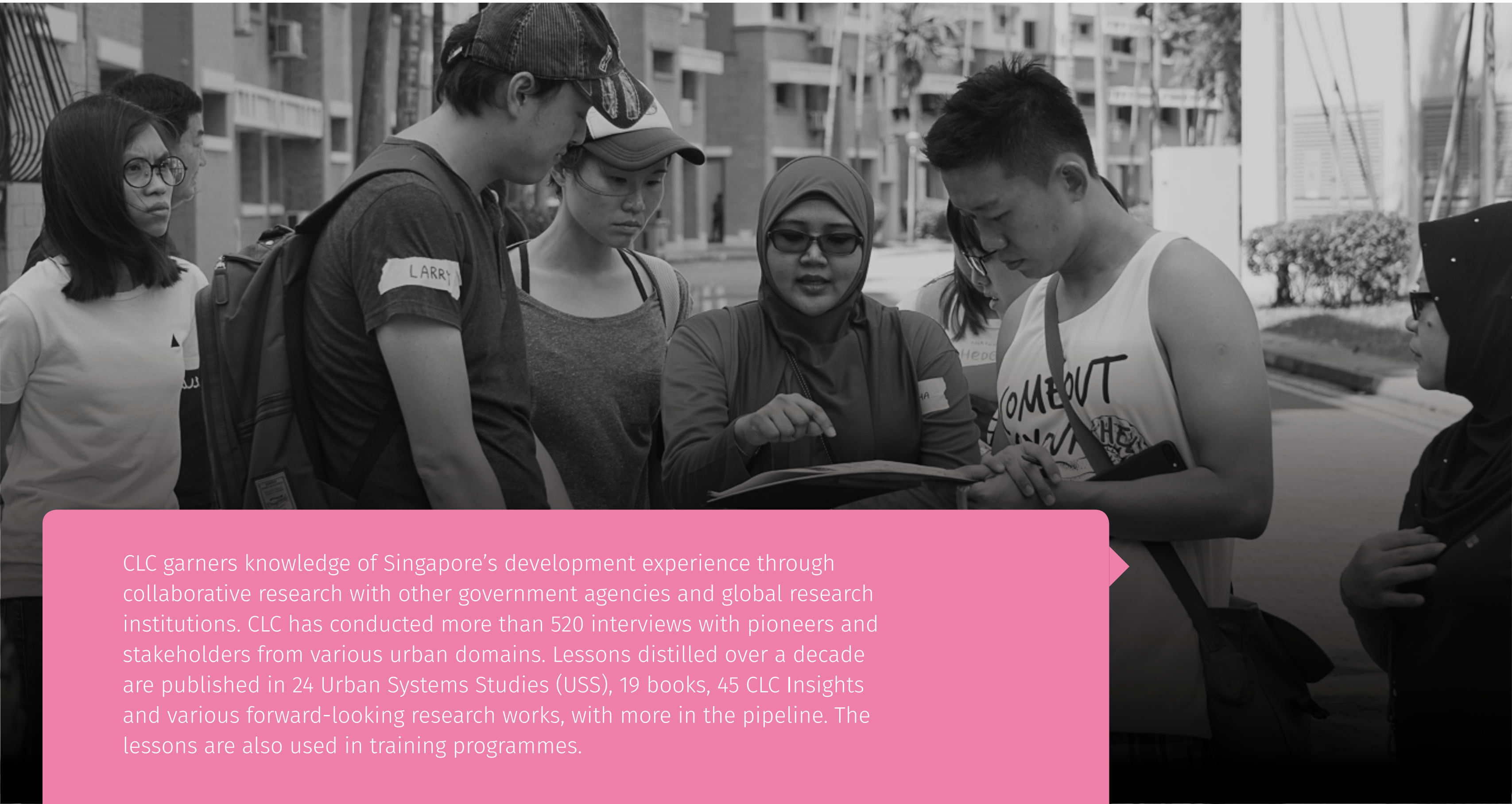
- Employment
- Lifelong learning
- Volunteerism
- Health and wellness
- Social engagement and inclusion
- Aged care services
- Housing
- Transport
- Public spaces
- Research on ageing

Engagement

- Engaged over **4,000 Singaporeans**
- Almost **50 focus group discussions**
- "Listening points" at public spaces like libraries, shopping malls and universities
- Online consultations**

RESEARCH

PUBLICATIONS VISITING FELLOW PROGRAMMES RESEARCH WORKSHOPS



CLC garners knowledge of Singapore's development experience through collaborative research with other government agencies and global research institutions. CLC has conducted more than 520 interviews with pioneers and stakeholders from various urban domains. Lessons distilled over a decade are published in 24 Urban Systems Studies (USS), 19 books, 45 CLC Insights and various forward-looking research works, with more in the pipeline. The lessons are also used in training programmes.

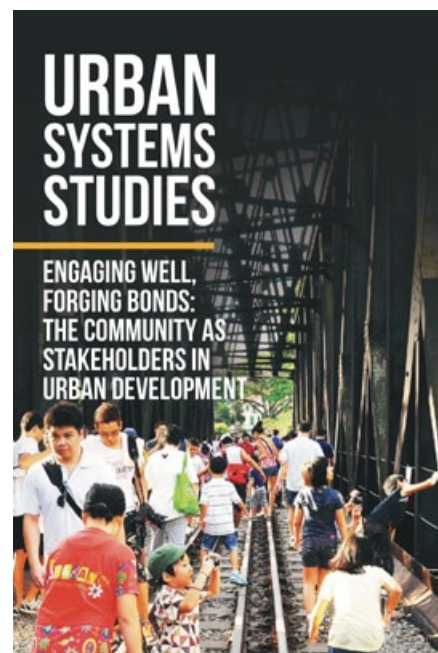
RESEARCH

PUBLICATIONS VISITING FELLOW PROGRAMMES RESEARCH WORKSHOPS

Urban Systems Studies (USSes) ▶

Publications launched in 2018

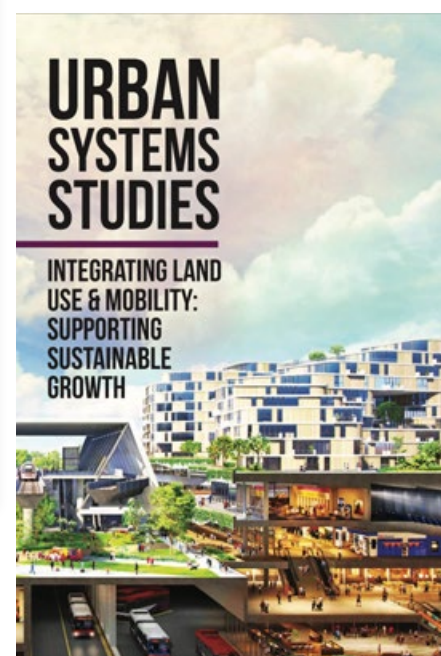
In this financial year, CLC published 6 USSes, 6 books, 2 research reports and 9 CLC Insights.



Engaging Well, Forging Bonds: The Community as Stakeholders in Urban Development

Singapore has harnessed community engagement to navigate various challenges in its nation building efforts. This study examines how engagements has evolved over the past five decades to become more consultative and transparent, especially in devising developmental plans.

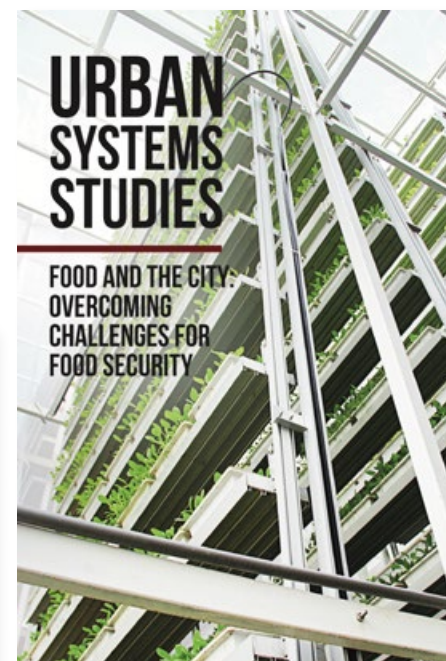
[read here](#)



Integrating Land Use & Mobility: Supporting Sustainable Growth

Planning for transportation alongside urban development has created a highly liveable environment in a densely built city like Singapore. This study details five decades of government efforts to provide a reliable and comfortable form of transit and an increasingly viable alternative to owning cars.

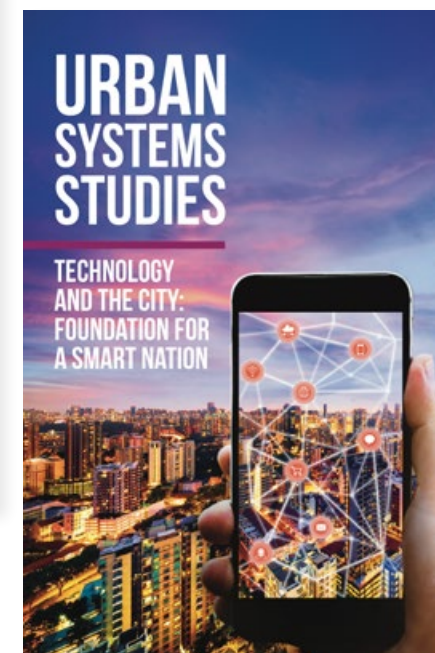
[read here](#)



Food and the City: Overcoming Challenges for Food Security

Despite being acutely land-scarce, Singapore today ranks among the world's most food-secure countries. This study details the evolving mix of strategies and policies that have ensured a reliable supply of safe, nutritious and affordable food for the country.

[read here](#)



Technology and the City: Foundation for a Smart Nation

This study traces Singapore's 50-year journey from early computerisation to today's digital revolution. Its Smart Nation vision seeks to harness new technologies to improve lives, empower citizens to achieve their aspirations, bring communities closer and encourage businesses' innovation and growth.

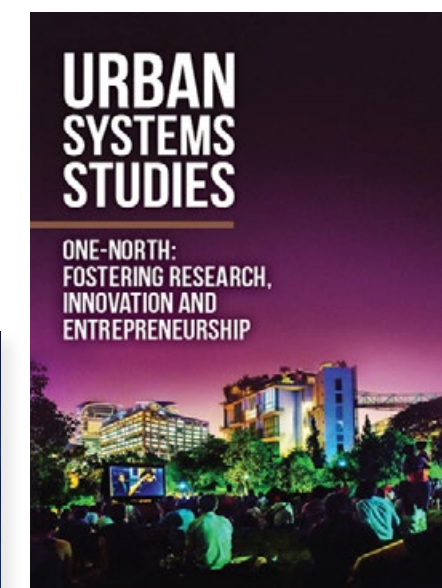
[read here](#)



Energising Singapore: Balancing Liveability and Growth

Without indigenous energy resources, Singapore has to balance the needs of economic growth, environmental sustainability and energy security. This study explains how integrated planning and sound governance contributed to ensuring secure, competitive and sustainable energy supply.

[read here](#)



one-north: Fostering Research, Innovation and Entrepreneurship

The one-north district is the epicentre of Singapore's innovation-based industries such as biomedical sciences, info-communications technology and media. This study details the development of this unique hub that is leading Singapore's transformation to a knowledge-intensive economy.

[read here](#)

RESEARCH

PUBLICATIONS VISITING FELLOW PROGRAMMES RESEARCH WORKSHOPS

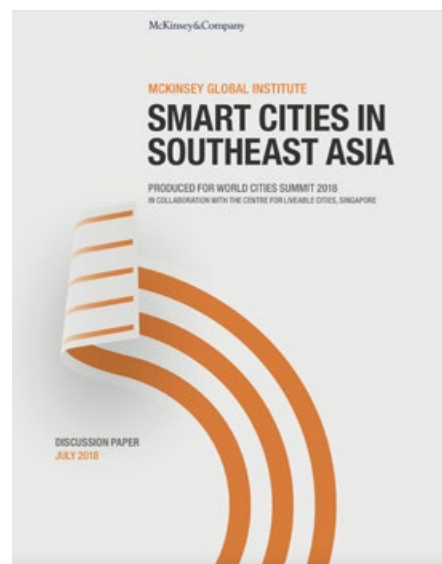
Books ▶



A Resilient Singapore

In a world fraught with increasingly complex challenges, resilience is critical for cities to not just survive, but also adapt and thrive. This book maps out what Singapore has done and will continue to do to build its resilience.

[read here](#)



Smart Cities in Southeast Asia

Smart cities are not just government initiatives. Smart cities require corporations and residents to create an efficient ecosystem. Examining smart cities from a regional perspective, this publication by the CLC and McKinsey looks at their potential for transforming Southeast Asia.

[read here](#)



Age-Friendly Cities: Lessons from Seoul and Singapore

The third joint research publication with the Seoul Institute examines case studies of ageing-in-place and active ageing to make cities more inclusive for seniors.

[read here](#)

Research Reports ▶



Reimagining one-north: The Way Forward

one-north was conceived as a cluster of world-class research facilities and business park spaces to support the growth of biomedical sciences, infocomm technology, media, physical sciences and engineering in Singapore to create a knowledge-based economy. While the district has attracted a good mix of enterprises in the envisioned sectors, there are several aspects of development that could be better optimised, especially in relation to create a work-live-play-learn environment and a vibrant urban innovation hub. This report analyses the strengths and weaknesses of one-north and makes recommendations for its further development.



Tampines Liveability Blueprint 2018 Addendum

This report is an addendum to the Tampines Liveability Blueprint produced in 2015. It complements the original blueprint with methodologies and solutions that were conceptualised and experimented during the 2017 Local Planning Pilot, which focused on applying concepts from the Liveability Blueprint to ongoing projects by the Town Council and other agencies. Taken together, the two documents aim to serve as a comprehensive reference for local stakeholders interested in a more holistic approach to make the physical environments in mature estates more liveable and people-friendly.

RESEARCH

PUBLICATIONS VISITING FELLOW PROGRAMMES RESEARCH WORKSHOPS

CLC Visiting Fellows are international experts on urban issues. These notable academics, policymakers and urban practitioners join CLC's staff in research projects, discussion with stakeholders and share ideas via lectures and publications. Started in 2014, the programme has hosted a total of 48 Visiting Fellows.

Dr Wang Lin

China
Conservation, Rejuvenation
of Historic Districts
19–21 Apr 2018

Gabe Klein

USA
Urban Mobility
8–10 Jul 2018

Alexandros Washburn

USA
Urban Design, Community
Planning, Design for Resilience
8–13 Jul 2018

Prof Geoffrey West

USA
Complexity Science, Urban
Complexities
9–11 Jul 2018

Prof Jan Gehl

Denmark
Urban Planning, Public Space Design
9–11 Jul 2018

Dr Emi Kiyota

USA
Ageing, Environmental Gerontology
10–12 Jul 2018

Niu Yubin

China
Pricing Policies, Pricing Mechanisms
28 Oct–6 Nov 2018

Wei Ying

China
Big Data Analysis, Smart Urban
Governance
28 Oct–6 Nov 2018



Highlights of 2018 VF Programme



Dr Wang Lin

Dr Wang traced the historical evolution of conservation policies in Shanghai and explained the principles and approaches guiding the efforts occurring at different scales—from individual buildings to streets, allowing the city to examine an entire district. She highlighted examples that might be useful to Singapore, and exchanged ideas with local planners on current policies for conservation districts, which includes greenery, gentrification and height restrictions.



Prof Geoffrey West

Prof West shared knowledge on complexity science and his research on a scientific framework governing the growth and development of cities. His visit helped prepare for the second Urban Complexity Studio, held from 20–24 August at the Santa Fe Institute to explore concepts and techniques from complexity science to understand and address Singapore's urban issues. He also spoke at the WCS Plenary, Le Monde "Cities Evaluation Beyond Marketing" Conference and Springer Nature "Science and the Sustainable Cities" Summit.

RESEARCH

PUBLICATIONS VISITING FELLOW PROGRAMMES RESEARCH WORKSHOPS

CLC organises workshops and roundtables involving a diverse range of stakeholders and participants to further its research and knowledge-sharing. Eleven workshops were conducted in 2018, some in collaboration with international partners such as Urban Land Institute (ULI) and Santa Fe Institute.

Principles and Policies of Shanghai Conservation
20 Apr 2018

CLC – Seoul Institute ‘Age-Friendly Cities’ Roundtable
17 May 2018

Maritime and Port Authority of Singapore (MPA) – CLC Shanghai-Singapore Port Workshop
25 Jun 2018

one-north Workshop
12 Jul 2018

2nd Urban Complexity Studio at Santa Fe Institute
20–24 Aug 2018

CLC – National Development and Reform Commission (NDRC) Workshop: Pricing Policies and Big Data Application in Urban Governance - Insights from Singapore and China
5 Nov 2018

UrbanPlan Workshop
8–9 Nov 2018

Roundtable on Building Community Resilience by Design with Henk Ovink
5 Dec 2018

Science of Cities Research Workshop
10–11 Jan 2019

UrbanPlan Workshop
23 Jan 2019

UrbanPlan Workshop
28 Feb 2019



Highlights of 2018 Workshops



2nd Urban Complexity Studio at Santa Fe Institute

The 2nd Urban Complexity Studio was held from 20–24 August 2018 at the Santa Fe Institute. It facilitated a two-way exchange between scientists, led by Prof Geoffrey West, and 18 Singapore government representatives. The inter-agency team synthesised the learning outcomes into three complexity lenses of inquiry to organise the research. The workshop also served as a platform to engage and cultivate a pool of global experts attuned to Singapore’s urban context.



UrbanPlan Workshops

CLC collaborated with the Urban Land Institute (ULI), the Institute of Real Estate and Urban Studies (IREUS) and National University of Singapore (NUS) to tailor Singapore’s inaugural UrbanPlan for Public Officials to suit Singapore’s development and land-bidding system. The Lego-based development scenario workshop was designed around a two-envelope system to provide insights into private developers’ point of view and enables recognition of trade-offs between social objectives and financial goals in public-private-partnerships.

KNOWLEDGE PLATFORMS

CLC LECTURE SERIES PUBLICATIONS



CLC shares knowledge and cultivates thought leadership on liveable and sustainable cities through its flagship World Cities Summit, lectures and publications. CLC also established a wide network of over 400 cities, local and international knowledge partners. These Knowledge Platforms synthesise and share research findings, exchange new ideas and encourage different perspectives.

KNOWLEDGE PLATFORMS

CLC LECTURE SERIES PUBLICATIONS

CLC Lecture Series

The CLC Lecture series is a platform for local and global leaders, urban pioneers and experts to exchange ideas and share knowledge. Over 110 lectures were organised since 2009 and were attended by over 200 participants on average.



Bringing Different Communities Together: The People's Association Story

Tan Boon Huat, Louisa-May Khoo
5 Apr 2018

Former People's Association (PA) Chief Executive Tan Boon Huat highlighted that grassroots participation remains vital in keeping citizens informed of government policies and uniting the nation during crisis. Tan encouraged the government to work closely with PA to understand the impact of policies.

[watch here](#)



Limited Land, Unlimited Space

Tan Boon Khai, Choy Chan Pong
20 Apr 2018

Singapore's developments were achieved by legally acquiring land without excessive cost. The Land Acquisition Act gave the state flexibility to plan for the long term. This ability to manage land remains vital today to ensure the city continues to have opportunities to redevelop and intensify.

[watch here](#)



Shanghai: Lessons in Urban Regeneration and Conservation

Dr Wang Lin, Kelvin Ang
21 Apr 2018

Heritage preservation and economic renewal can go hand in hand. Dr Wang explained how conservation in Shanghai keeps the character of streets and buildings alive, and how authorities work with the community to ensure heritage is weaved into the fabric of city life.

[watch here](#)



Age-Friendly Cities: Sharing from New Taipei, Seoul and Singapore

Dr Eric Choo, Dr Miree Byun, Dr Belinda Yuen, Dr Emi Kiyota
10 Jul 2018

New Taipei, Seoul and Singapore are taking steps to create age-friendly cities. Efforts include strengthening age-friendly infrastructure and services; leveraging on the community and technology for greater support for the elderly; and create meaningful relationships that helps the public to have a better understand of ageing.

[watch here](#)



Sustainable Urban Systems and Circular Cities of the Future: Learnings from Three Cities

Eva Gladek, Jessica Cheam
6 Sep 2018

Cities spend huge amounts of energy, time and money to make products that are eventually thrown away—a form of linear economy that is unsustainable. To improve urban life and the economy, cities should take inspiration from natural systems and adopt the principles of a circular economy to become more efficient and liveable.

[watch here](#)

KNOWLEDGE PLATFORMS

CLC LECTURE SERIES PUBLICATIONS



Public-Private Partnership in Real Estate: A Model for Success in Urban Development

Dr Seek Ngee Huat, Sin Lye Chong
4 Oct 2018

The increasingly sophisticated private real estate sector can spur more innovation in the future transformation of Singapore. Dr Seek made a case for the private sector to have a bigger say in the development of the city and ingredients needed for a successful partnership.

[watch here](#)



Uncovering the Underground

Prof Yong Kwet Yew, Adele Tan, Peter Stones, Dr Hossein Rezaei
29 Nov 2018

Moving heavy, noisy and pollutive industrial uses and storage underground will free up space above for living and recreation. Prof Yong made a case that Singapore already has the capability and technology to make more use of underground spaces; the remaining hurdle is rethinking its economic viability.

[watch here](#)



Living with Water: Lessons from Rotterdam

Johan Verlinde, Tan Nguan Sen, Dr Winston Chew
12 Feb 2018

Good drainage and pumps are not enough to fight climate change. Cities must engage citizens to create a robust system to manage the impact of rising sea levels and changing weather. Rotterdam co-created multi-functional projects with its people, like a large water storage facility that doubles as an Olympic rowing track and water squares that doubles as public spaces.

[watch here](#)



Place Management in Japan

Dr Yasui Miki, Fujii Hiroaki, Takada Azusa, Tanisawa Taku, Chou Mei
15 Feb 2018

Area Management Organisations are leading the rejuvenation of districts in Japan. These ground-up initiatives offer a platform for the government, businesses, community organisations and citizens to work together for the common good.

[watch here](#)



Innovation Districts: Past, Present & Future

Dr Tan Chin Nam, David Tan, Manohar Khiatani, Dr Arthur Aw
7 Mar 2019

Panellists shared the genesis, planning and development of one-north and how flexible planning strategies and place-making activities have helped one-north keep up with the times. one-north has become the epicentre of research, innovation and entrepreneurship in the city-state.

[watch here](#)



Juggling Jakarta: Urban Challenges and Solutions

Oswar Muadzin Mungksa, Dr Johannes Widodo
13 Mar 2019

Deputy Governor Pak Oswar shared how Jakarta transformed over the years. Jakarta is strengthening its social resilience against urban challenges and natural disasters through the development of a City Resilience Strategy and a collaborative multi-sectoral and multi-region Grand Design plan.

[watch here](#)

KNOWLEDGE PLATFORMS

CLC LECTURE SERIES PUBLICATIONS

Urban Solutions

“Urban Solutions”, CLC’s flagship bi-annual magazine, addresses cross-disciplinary challenges facing Singapore and other cities. It aims to equip and inspire senior urban leaders and allied professionals to make cities more liveable and sustainable. “Urban Solutions” reaches more than 49,000 readers from government, media, academia, private and non-governmental organisations.



Urban Solutions Issue #13: Innovation and Collaboration

Issue #13 explores how governments, corporations and communities harness the power of innovation to co-create solutions to address pressing urban issues.

[read here](#)



Urban Solutions Issue #14: Food Secure Cities

Issue #14 prompts cities to take a closer look at their food sources, the rise of urban farming movement and explores how cities can address the challenges of producing food efficiently and sustainably.

[read here](#)



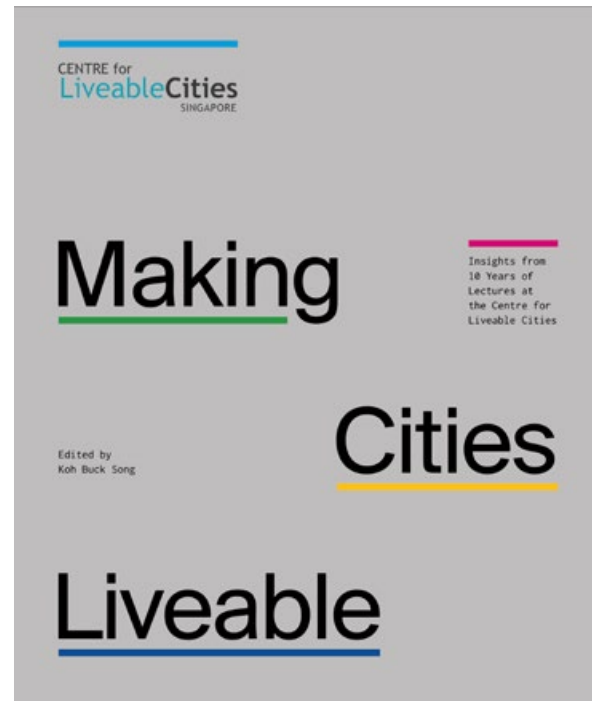
KNOWLEDGE PLATFORMS

CLC LECTURE SERIES PUBLICATIONS

Making Cities Liveable: Insights from 10 Years of Lectures at the CLC

This commemorative book features 15 CLC lectures by leading international and Singaporean figures over the past decade, highlighting the art and science of how cities are planned and governed.

[read here](#)



Better Cities

"Better Cities" is the Centre's monthly e-newsletter for providing updates about its work through original short articles and interactive content. "Better Cities" reaches more than 45,000 readers from government, media, academia, private sector and non-governmental organisations.

[subscribe to mailing list](#)

[read here](#)



CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES



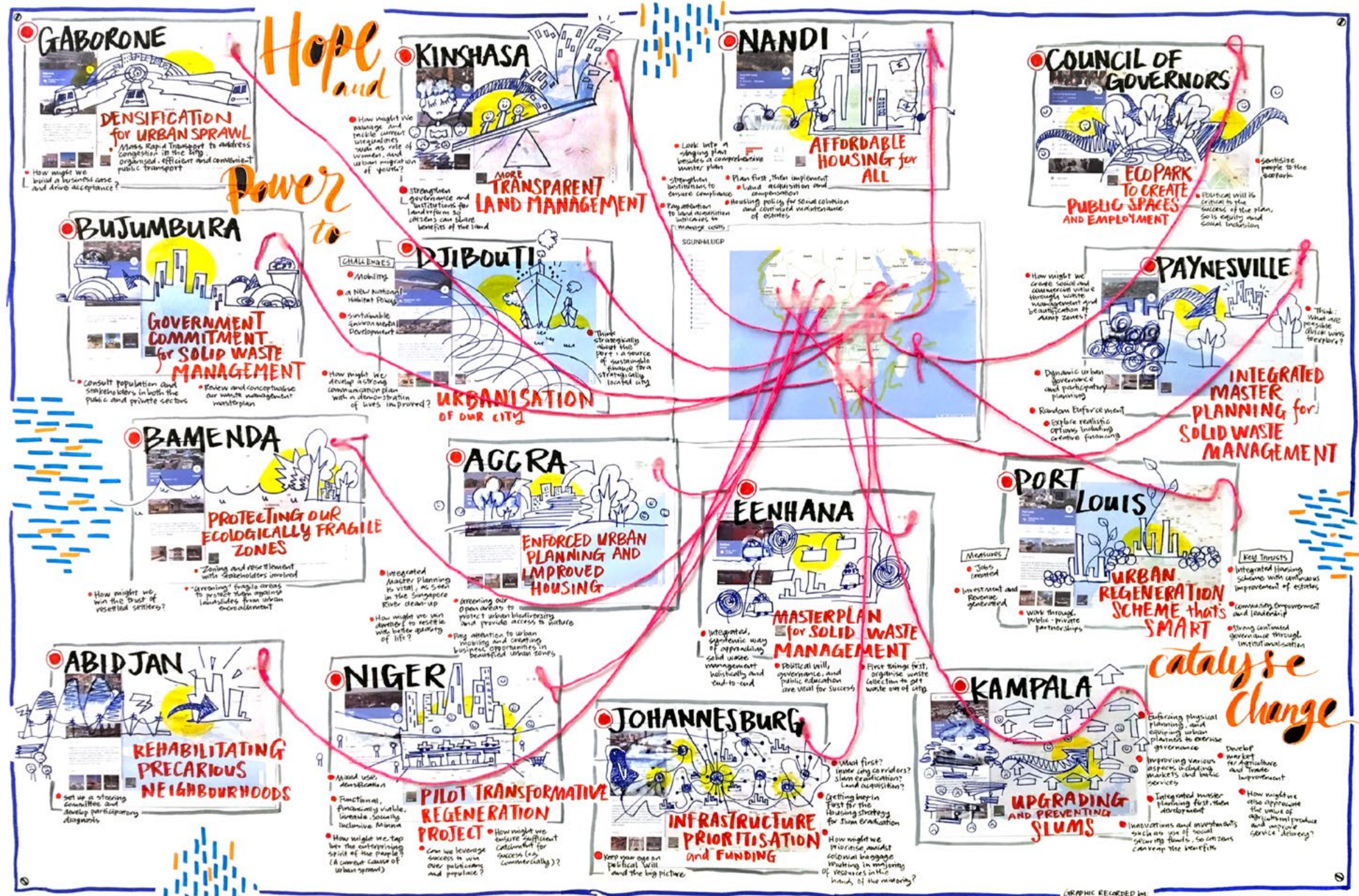
CLC's Capability Development programmes draws on the Centre's research and analyses of Singapore's urban transformation journey, and lessons of other cities worldwide distilled through the lens of the Singapore Liveability Framework. CLC's USSes form the core of our syllabus, which in-depth studies draw on the knowledge of Singapore's urban pioneers, public service leaders and political appointees. The programmes provides valuable insights into the challenges faced.

CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES

Singapore – UN-Habitat International leaders in Urban Governance Programme (SG – UN-Habitat iLUGP) The SG – UN-Habitat iLUGP aims to share knowledge and encourage application of high-density, high liveability guiding principles in urban development and management based on Singapore’s experience. The SG-UN Habitat iLUGP 2018 hosted 40 city leaders from 15 African cities. Participants brainstormed ways of achieving the 2030 Agenda for Sustainable Development and the New Urban Agenda.

#SGUNHILUGP



GRAPHIC RECORDED BY [picturepeopleplan.com](http://www.picturepeopleplan.com) 31 AUGUST 2018

CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES



“ Testimonials from SG – UN-Habitat iLUGP 2018 participants

“Making sure that our city is clean, involving everybody to participate in cleaning the city, in loving our city, in organizing it, is something that I’ve really picked from here, and I’m carrying it with me home.”

▶ [Jenipher Namuyangu Kacha,](#)
[Minister of State, Ministry of Local Government, Uganda](#)

“The message that was driven everywhere we went, from the foreign minister to everyone, the lecturers, was [about] the will of the government, the will of the people. It all works hand-in-hand. This is the message I’m going to spread [among] my residents, with my government and with the partners that we have in Liberia.”

▶ [Ethel Pam Belcher,](#)
[Mayor, Paynesville City, Liberia](#)

CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES

Temasek Foundation International Leaders in Urban Governance Programme (TFILUGP)

Organised jointly with the Temasek Foundation International, this mayoral-level programme is practitioner-focused and outcome-oriented. City leaders from developing countries learn about the strategies that helped Singapore transformed into a highly liveable, high density and sustainable city.



“ Testimonials from TFILUGP 2018 participants

“This is where Singapore has shown us that through their journey from 1960s till now, nothing was incidental. Everything was planned, was very deliberate [and] nothing was left to chance. There was a real need for investment for a very long-term concept plan and the follow through is important. And the political will is important, but it cannot be accomplished, the plans cannot be accomplished, if the people are not engaged as well.”

► [Maria Angela Sandejas Garcia,](#)
Mayor and Local Chief Executive, Dinalupihan City, The Philippines

“The resource persons are very good and covered most of the urban sector issues—right from housing, food security [to] water supply system...That helps us to plan and come up with new ideas.”

► [Najaf Iqbal Syed,](#)
Chief Metropolitan Officer, Islamabad, Pakistan

CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES



CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES

Leaders in Urban Governance Programme (LUGP)

The LUGP is our flagship programme for director/management-level public service officers with senior leadership potential in urban development. It offers knowledge about the principles, considerations, constraints and challenges underpinning Singapore's urban transformation.

“ Quotes from LUGP speaker

“I am heartened to know that the participants found the LUGP session meaningful. I look forward to every stage of Singapore's urban transformation as we work together to build a better Singapore, a sustainable and resilient home for everyone.”

▶ Heng Swee Keat, Minister for Finance (speaker, 9th LUGP)

“ Testimonials from LUGP participants

“First-person sharing [by] the pioneer group was most useful. Beyond rhetoric, we appreciated their [candidness], the dilemmas and trade-offs, and the tough [situations under] which they had to work very hard to realise a vision. Learning journeys were useful, especially to see the implementation successes and also the failures, and to learn their context.”

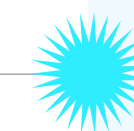
▶ Liew Boon Ping from MINDEF (participant, 9th LUGP)

“Candid exchanges with our senior PSLs and Ministers enhanced my understanding of the challenges and issues at a strategic level. Knowing some of the plans and key priorities to develop and rejuvenate our city going forward is reassuring and challenges us to do our part to bring these ideas to fruition.”

▶ Heng Mien Joo from HDB (participant, 9th LUGP)

“Walking the ground and participating in the town audit enable us to have a good appreciation of issues that a better WOG coordination will reap benefits for the residents. Role playing enhances the learning experience and effectiveness.”

▶ Chew Chee Keong from PUB (participant, 9th LUGP)



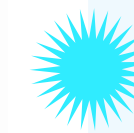
Highlights from specially curated integrated learning journeys based on CLC's research focus (9th LUGP)



Reimagining Tampines Cycling Learning Journey
Against the backdrop of the Centre's Reimagining Tampines project, participants embark on a cycling and walking tour around Tampines town to understand local planning and governance issues, while gaining insights on new methodologies to rejuvenate mature towns. Being on site allows participants to engage in discussions on inter-agency planning and development coordination issues and challenges at the local level.

CAPABILITY DEVELOPMENT

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Highlights from specially curated integrated learning journeys based on CLC's research focus (9th LUGP)



Planning for Ageing @ Ang Mo Kio Town – TOUCH Town Audit Trail

TOUCH Community Services piloted the Community Enablement Project (CEP), which aims to enable frail elderly to age in their home and community. CLC worked with TOUCH Community Services and Ang Mo Kio Family Service Centre to curate a simulated town audit to understand the CEP and assess whether the infrastructures of the neighbourhood makes for a more comfortable home for the ageing residents. Participants are led through a route around the neighbourhood, stepping into the shoes of a physically challenged or visually impaired person, through role-playing and using props such as wheelchairs, walking sticks and glasses to simulate low visibility.

CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES

Executive Development and Growth Exchange (EDGE) Programme

EDGE is another signature programme tailored for high-performing young public service officers with leadership potential in urban development. It offers insights into the underlying principles behind Singapore's successful urban transformation, the challenges faced by agencies and the thinking behind policies.

Quotes from EDGE speakers

"I found the session good, meaningful, and enjoyed it. Glad the participants found it useful too. Happy to take part again."

▶ K Shanmugam, Minister for Law (speaker, 13th EDGE)

"One of the best programme that I have come across for public sector officers."

▶ Lee Chuan Teck, Permanent Secretary, Ministry of Trade & Industry (speaker, 13th EDGE)

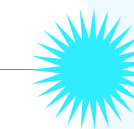
Testimonials from EDGE participants

"Greater understanding and appreciation of the challenges in the I&E sector, great friendships forged and network that would be useful for future work purposes. In particular, I gained a greater understanding of myself and [came] one step closer to developing my own philosophy and purpose of why I want to work in the civil service and how I would contribute to help Singapore [remain] exceptional."

▶ Low Sin Yee from MPA (participant, 14th EDGE)

"[I have] better appreciation of the various trade-offs we need to make and how the leaders had managed them. Nothing we enjoyed today happened by chance, they are all planned. Overall, the programme is very well curated and I really learnt a lot! The best programme I have attended so far."

▶ Dong Wen Juan from JTC (participant, 13th EDGE)



Highlights from specially curated integrated learning journeys based on CLC's research focus (13th & 14th EDGE)



Understanding & Reimagining Little India

Participants embark on a walking tour around Little India to understand the positive features and drawbacks of Little India. Through the walkabout, participants gain insights to the perspectives of the major stakeholders in Little India in light of the contrasting narratives in public discourse – a unique heritage district but on the other hand, an area characterised by disamenity and security concerns. Participants thereafter engage in a discussion to understand implications of current planning strategies for Little India and recommend improvements towards balancing the narrative and enhance the image of this uniquely vibrant heritage district.

CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES



CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES

City Executive Leaders (City EXCEL) Programme

City EXCEL is a foundational programme for junior to mid-level officers in the Infrastructure and Environment sector and related government bodies. It imparts in-depth knowledge on Singapore's experiences in tackling developmental challenges and best practices to boost liveability and sustainability.

“ Quotes from City EXCEL speakers

“Twenty years ago, the economic strategy was clearer in terms of how each agency works. Today, with faster developments in the many areas of technology, industry, housing, land matters, etc., it is not as clear. Even so, with Master Planning, we can make space for synergies between agencies to collaborate and plan for the future of Singapore.”

▶ Hwang Yu-Ning, Chief Planner, URA
(speaker, 45th & 46th City EXCEL, January 2019)

“To work effectively in the public service, we should be clear about what we want to achieve, and then think big, start small and act fast. Also, we should have ambitious targets and work together to achieve them.”

▶ Chang Hwee Nee, CEO/NHB
(speaker, 37th & 38th City EXCEL, May 2018)

“ Testimonials from City EXCEL participants

“Discussions built into each sharing were good. The willingness of participants to share agency/personal perspectives added depth...[and] context to why we serve the nation and [made] us think about our area to work [and] how it affects the future.”

▶ Jen Koh Jing Yi from SLA
(participant, 43rd & 44th City EXCEL, November 2018)

“Experiences shared by ex-public servants were insightful and inspired young officers to pursue excellence and not status quo.”

▶ Alan Koh from MND
(participant, 41st & 42nd City EXCEL, September 2018)

CAPABILITY DEVELOPMENT

INTERNATIONAL PROGRAMMES MILESTONE PROGRAMMES FOUNDATION PROGRAMMES



ADVISORY

CHINA SOUTH ASIA



The Centre undertakes strategic international advisory work to promote Singapore as an urban solutions hub and support its economic and global interests. Infrastructure Asia, established under Enterprise Singapore and the Monetary Authority of Singapore, has included the Centre in Singapore's ecosystem of developers, finance, legal and supporting services to unlock the potential of infrastructure projects in regional cities. The Centre contributes its urban domain expertise to partners and networks.

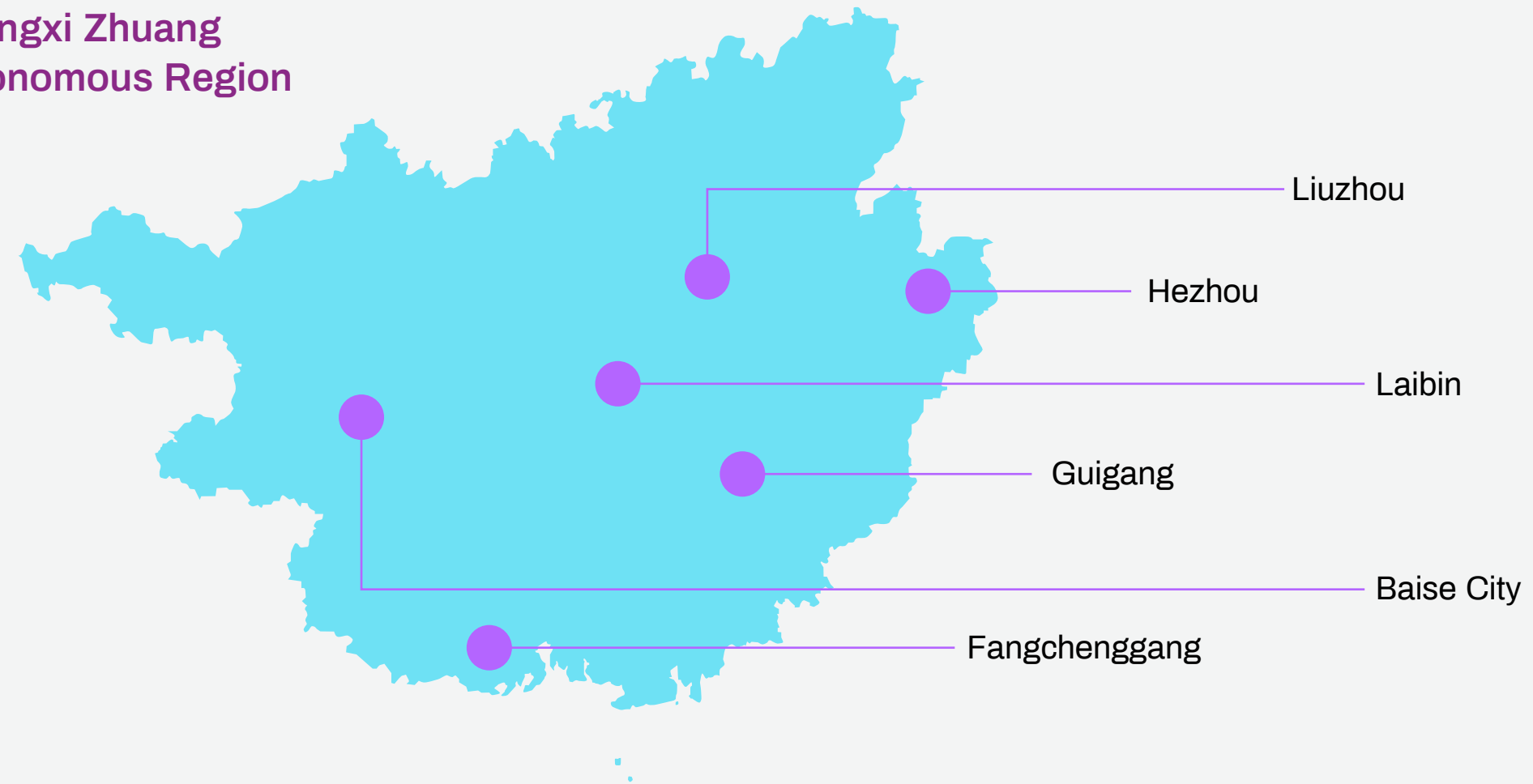
ADVISORY

CHINA SOUTH ASIA

China

Between May and July, the Centre hosted two study visits by senior Chinese officials focused on the development of new urban areas and on creating liveable and sustainable cities. The 3rd CLC-NDRC Workshop held on 5 November was attended by two visiting fellows from China's National Development and Reform Commission, Deputy Director-Generals Niu Yubin and Wei Ying.

Guangxi Zhuang Autonomous Region



5th Senior Chinese Officials Study Visit

Themed “Development of New Urban Areas (新区建设与发展)”, this study visit sought to enhance the delegates’ understanding of Singapore’s approach towards urban planning and urban development, as well as its experience in creating a more liveable and sustainable city.

28 May–8 Jun 2018

Guangxi Senior Chinese Officials Study Visit

The theme of the Guangxi Senior Chinese Officials Study Visit was “Development of Liveable Cities (宜居城市建设)”. It enhanced the delegates’ understanding of Singapore’s policies and experience in urban planning, urban development and heritage conservation, and its experience in enhancing the liveability and sustainability of cities.

2–13 Jul 2018

3rd CLC-NDRC Workshop

The Centre hosted two officials from China’s National Development and Reform Commission (NDRC) from 28 October to 6 November under the CLC-NDRC Visiting Fellowship Programme. Deputy Director-Generals Niu Yubin and Wei Ying visited various Singapore agencies and exchanged views on pricing of utilities and big data use in urban governance. They presented their findings at the third CLC-NDRC workshop.

5 Nov 2018

ADVISORY

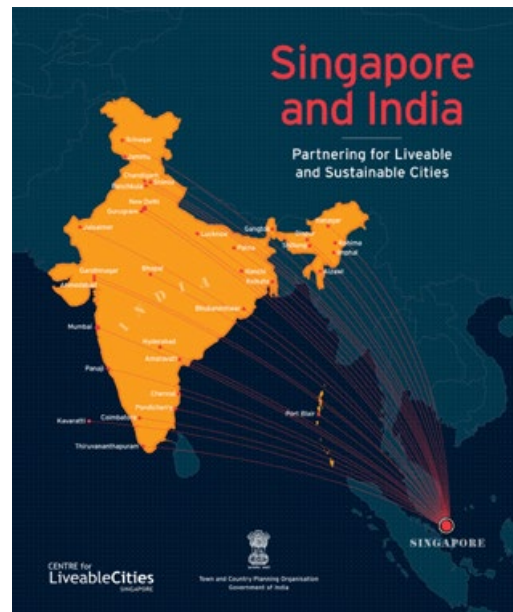
CHINA SOUTH ASIA

South Asia

The Centre trained 99 senior Indian urban planning and development officials in 2017 and 2018 under the Singapore-India strategic partnership. Participants developed action plans to tackle pressing problems in their cities in consultation with CLC experts. Details of selected projects were published in a book, Singapore and India: Partnering for Liveable and Sustainable Cities, launched during Prime Minister Narendra Modi's official visit to Singapore on 1 June 2018.



Source: Ministry of Communications and Information



Singapore and India: Partnering for Liveable and Sustainable Cities

The Singapore-India Strategic Partnership includes cooperation in urban planning and development. This book showcases projects discussed during a programme organised by CLC and India's Town & Country Planning Organisation, with highlights of 11 Indian cities and details of CLC's efforts between 2015-2018 in working with the Government of Andhra Pradesh on its new capital, Amaravati. It was presented by Prime Minister Lee Hsien Loong to Prime Minister Narendra Modi at the Istana on the occasion of an official visit on 1 June 2018.

[read here](#)

Highlights of the Singapore - Andhra Pradesh Partnership



CLC, as part of the Singapore inter-agency government team, continued to advise the government of Andhra Pradesh on systems and processes to facilitate implementation of infrastructure and development of Amaravati. In particular, CLC advocated development coordination between the government and private sector development areas, culminating in a multi-stakeholder coordination workshop held in November 2018.



CLC is a division of the Ministry of National Development, Singapore

Centre for Liveable for Liveable Cities

Set up in 2008 by the Ministry of National Development and the Ministry of the Environment and Water Resources, the Centre for Liveable Cities (CLC)'s mission is to distil, create and share knowledge on liveable and sustainable cities. CLC's work spans four main areas – Research, Capability Development, Knowledge Platforms, and Advisory. Through these activities, CLC hopes to provide urban leaders and practitioners with the knowledge and support needed to make our cities better.

Connect with CLC



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