

The 7th Asia Smart City Conference

Preliminary Report

The Asia Smart City Conference (ASCC) is an international conference that brings together city leaders from emerging economies in Asia and experts from international institutions and the private sector for practical discussions on realizing sustainable urban development that balances economic growth with sound urban environment practices. This year, the 7th conference (ASCC7) was held from November 13 to 15. This year's 7th ASCC was the first to be jointly organized by the World Bank Tokyo Development Learning Center (TDLC) and the Asian Development Bank Institute (ADBI), and featured the theme of "Fostering a Market Place for Co-Innovation." The conference this year welcomed a record 500 participants from some 30 cities and national-level organizations across 14 countries, including delegates from local governments, representatives from the private sector and academia, and other related stakeholders.

Following site visits of local facilities on the first day of the conference, participants attended four thematic sessions in both the morning and afternoon on the second day. The sessions identified challenges facing developing urban areas, such as water and waste management, transportation and mobility, energy efficiency, and disaster resilience. Discussions of potential solutions also helped participants gain insight on the impact of new technologies on cities. On the third and final day, panel discussions, keynote speeches, and roundtable sessions further informed the conference for deeper conversations. City of Yokohama delivered the "7th Asia Smart City Conference Yokohama Declaration" during the closing session to incorporate the results of the conference.

At the co-located events, "Yokohama Info-Market" and "Business Forum" were presented to promote the important role of the private sector in enacting sustainable growth policies. Additionally, students from Yokohama City University presented the findings of their research at the "Youth Event 2018"



Photo provided by: World Bank TDLC

The 7th Asia-Smart City Conference and Events Overview

Organizer	City of Yokohama
Co-organizer	World Bank Tokyo Development Learning Center (TDLC) Asian Development Bank Institute (ADBI)
Supporter	Cabinet Office, Government of Japan / Ministry of Finance, JAPAN / Ministry of the Environment, Government of Japan / Ministry of Foreign Affairs of Japan / Institute for Global Environmental Strategies (IGES) / Japan International Cooperation Agency (JICA) Yokohama / Yokohama City University
Venue	The InterContinental Yokohama Grand Hotel
Participants	Approx. 500 attendees
Overall Theme	Fostering a Marketplace for Co-innovation -Facing challenges of creating smart city projects and incorporating game-changing technologies -
City and Overseas Government	Battambang, Phnom Penh (Cambodia), Nanjing (China), Ministry of Local Government, Nausori (Fiji), Ministry of Regional Development and Infrastructure, Tbilisi (Georgia), Ministry of National Development Planning, Bandung (Indonesia), Fukuoka, Kitakyushu, Kobe, Yokohama (Japan), Astana (Kazakhstan), Choibalsan, Dalanzadgad, Orkhon Province, Gobi-Altai Province, Mandalgobi, Uvurkhangai Province (Mongolia), Government of Pakistan, Rawalpindi (Pakistan), Metropolitan Manila Development Authority of Philippines, Bases Conversion and Development Authority, Province of Cebu / Metro Cebu Development & Coordinating Board, Cebu, Danao (Philippines), Madrid (Spain), Bangkok (Thailand), Tashkent (Uzbekistan), Ho Chi Minh (Vietnam) *country (city name) alphabetically
Japanese Government, International organization, Academic institutions, Companies, etc.	The Japanese government (Cabinet Secretariat, Ministry of Foreign Affairs, Ministry of Finance, Ministry of Land, Infrastructure and Transport, Ministry of Economy, Trade and Industry, Ministry of the Environment), Asian Development Bank, Asian Development Bank Institute, C40, Fundacion Metropoli, ICLEI-International Council for Local Environmental Initiatives-Japan Office, IGES, Japan Bank for International Cooperation (JBIC), Japan ICT Fund (JICT), JICA, Japan Overseas Infrastructure Investment Corp. for Transport & Urban Development (JOIN), Overseas Environmental Cooperation Center (OECC), UN-Habitat, Urban Renaissance Agency (UR), World Bank, World Resources Institute (WRI), Embassy of the People's Republic of Bangladesh, Indonesian Embassy, Embassy of the Republic of the Philippines, Asia University, Yokohama City University, Yokohama National University, Accenture Digital, Amata Corp. PCL, Arthur D. Little, Asia Air Survey Co., Ltd, Dassault Systèmes, EX Research Institute Ltd., Faurecia, FINETECH CO., Ltd., GOODMAN Inc., Google Earth, GreenPlace Assets, Guun Co.,Ltd., Hitachi Ltd., iFORCOM Co.,Ltd., Japan Weather Association, JFE Engineering Corp., JVC KENWOOD Corp., NEC Corp., Nissan Motors Corp., One Concern, PASCO Corp., SRPOST Inc., Takenaka Corp., TOSHIKOGYOU Co.,Ltd., World Economic Forum Centre for the Fourth Industrial Revolution Japan, Yokohama Community Design Laboratory, Other general participating companies / organizations
Co-located Events, etc.	- Yokohama Info-Market - Business Forum "Sustainable City with SDGs supported by Enterprise and Local government"

(Program Outline)

Date	AM	PM	Evening
11/13 (Tue)	—	Site visit showcasing smart city development	Reception hosted by World Bank
11/14 (Wed)	Thematic session ① (Co-located) Business Forum (10:30-12:30)	Thematic session ② (Co-located) Youth Event 2018 (14:00-16:30)	Welcome Reception
	(Co-located) Yokohama Info-Market (10:00-16:00)		
11/15 (Thu)	Panel Discussion	Plenary	
	(Co-located) Yokohama Info-Market (9:30-14:00)		

(DAY 1) November 13th (Tue)

Site visits showcasing smart city development

- (Time) 13:30-17:00
- (Participants) Approx. 70 attendees
- (Locations)
 - New Yokohama City Hall
 - Development of a New City Hall (Completion in 2020) –
 - Water and Environment Solution Hub
 - Wastewater Treatment Plant and Sludge Treatment Plant–
 - From Waste to Energy



(DAY 2) November 14th (Wed)

Introduction

Prior to the thematic sessions, we shared the aims of the conference.

- (Time) 9:15-9:45
- (Participants) Approx. 150 Attendees



Photo provided by: World Bank TDLC

Thematic Sessions

4 sessions were held for each session in the morning and afternoon, aiming at promoting dialogue between decision-makers and solution providers in developing countries.

During the sessions, city leaders shared their specific issues and needs. Solution providers, including both international and domestic businesses and academic institutions, proposed technologies, products, and capacity development support to address these challenges.



(Time) 10:00-12:30/ 14:00-16:30

(Participants) Approx. 250 attendees

- Thematic session 1:Water and Waste
- Thematic session 2:Transportation and mobility
- Thematic session 3:Energy efficiency
- Thematic session 4:Disaster resilience
- Thematic session 5:Urban infrastructure provision for smart cities
- Thematic session 6:Utilizing big data / open data for land developmnt
- Thematic session 7:Retooling manufacturing and industrials
- Thematic session 8:Citizen engagement through smart technology

(Co-located event) Business forum “Sustainable City with SDGs supported by Enterprise and Local government”

Nikkei ESG Management Forum, which Nikkei Business Publications Inc. serves as secretariat, held a business forum and gave lectures, inviting organizations leading the way on the SDGs.

(Time) 10:30-12:30

(Participants) Approx. 80 attendees

(Speaker)

- Francis Ghesquiere, Practice Manager, East Asia and Pacific Region, World Bank
- Woonhong Um, Director General, Sustainable Development and Climate Change Department (SDCC), Asian Development Bank
- Kenji Hosaka, Executive director for Future City Promotion Division, Climate Change Policy Headquarters, City of Yokohama
- Tetsuo Ohkawa, CEO, Ohkawa Printing Co., Ltd.



(Co-located event) Yokohama Youth Event 2018

At this event, with financial cooperation from Nissin Co., Ltd., the student of Yokohama City University announced the results of research on issues and future prospects for Japanese small and medium enterprises to expand overseas.

(Time) 14:00-16:30

(Participants) Approx. 70 attendees



(DAY 3) November 15th (Thu)

Panel Discussion

In addition to organizing the issues taken up at the thematic meetings of the previous day, we discussed comprehensive urban development and the impact of new technologies on urban development.

(Time) 9:30-12:00

(Participants) Capstone1; Approx. 150 attendees / Capstone2: Approx. 150 attendees



Photo provided by: World Bank TDLC

● Capstone 1: Integrated Urban Development (9:30-10:40)

Moderator Francis Ghesquiere, Practice Manager, East Asia and Pacific Region, World Bank

- Panelist
- Yukihiro Tokunaga, Deputy Director-General for Engineering Affairs, City Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan
 - Fumihiko Nakamura, Executive Director, Vice President, Yokohama National University
 - Nobuharu Suzuki, Professor, Yokohama City University
 - Lena Ng, Chief Investment Officer, AMATA Corp. PCL



● Capstone 2: Exponential Technologies (10:55-12:00)

Moderator Daniel Levine, Senior Officer, Tokyo Development Learning Center, World Bank

- Panelist
- Leong Christine, Managing Director, Accenture Digital
 - Takashi Kai, General Manager, Government and Public Planning Division, Hitachi, Ltd.
 - Tony Thomas, Chief Information Officer, Nissan Motor Corp.
 - Hisakazu Okamura, Professor, Asia University



Plenary

(Time) 14:00-16:50

(Participants) Approx. 170 attendees

● **Opening Session**



Opening Speech Fumiko Hayashi, Mayor, City of Yokohama

Keynote Speech

- Takaaki Katsumata, Parliamentary Vice-Minister of Environment, Ministry of Environment, Japan
- Hideo Suzuki, Director-General/ Assistant Minister, Global Issues, Ministry of Foreign Affairs, Japan

Video Message

- Maimunah Mohd Sharif, Executive Director, UN-HABITAT
- Mark Watts, Executive Director, C40

● **Roundtable session**

As a comprehensive summary of the conference so far, we shared knowledge about the unique efforts towards promoting smart cities at each institution and the efforts of intercity cooperation.

Moderator Kazuhiko Takeuchi, President, Institute for Global Environmental Strategies(IGES)

Panelist

- Francis Ghesquiere, Practice Manager, East Asia and Pacific Region, World Bank
- Manoj Sharma, Chief, Urban Sector Group, Sector Advisory Service Division, SDCC, Asian Development Bank
- Eriko Yakushiji, Director General, Climate Change Policy Headquarters, City of Yokohama
- Evelyn Nacario Castro, Director, Metro Cebu Development and Coordinating Board(MCDCB), Province of Cebu



Photo provided by: World Bank TDLC

● Closing Session

After presenting the results of the Youth Event that was held the previous day, we announced the "Yokohama Declaration" which summarized the discussions of ASCC.



Student Speech

Ayumi Ariizumi,
Yokohama City University



Yokohama Declaration

Ken Akaoka, Director General,
International Affairs Bureau, City of
Yokohama

Photo provided by: World Bank TDLC

7th Asia Smart City Conference "Yokohama Declaration"

"Fostering a Marketplace for Co-Innovation" was the main theme for this Conference, and the impact of new exponential technologies on cities was discussed as well as essential topics including water, waste, transport, energy efficiency, and resilience.

In the panel discussion, we discussed integrated urban development, shared the knowledge on innovative technologies and future directions. Based on these arguments, participants deepened their understanding of the importance of learning from each other beyond the border in the plenary session. These discussions lead the participants to the following ideas.

Multilateral discussions by diverse participants are the source for the co-creation of effective and innovative solutions. We will strengthen Peer-to-Peer learning through a platform such as "Asia Smart City Alliance" and other platforms for city collaboration of our development partners and utilize it as an ideal venue to exchange ideas, experiences and innovations. We seek sustainable growth while incorporating new technology appropriately. The Conference also recognized the power and potential of the private sector in achieving development goals to co-create sustainable cities.

We will report the content of this Yokohama Declaration to the Conference of the Parties 24 (COP24), to be held in Poland in December this year, and to other relevant international conferences.

Networking Event etc.

Yokohama Info-Market

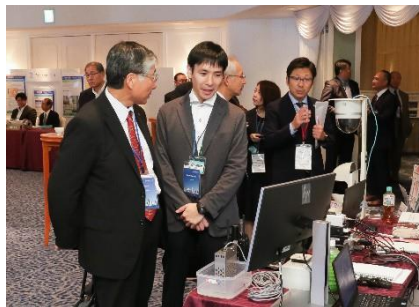
Organized in collaboration with the City of Yokohama and the YOKOHAMA URBAN SOLUTION ALLIANCE (YUSA), the “Yokohama Info-Market” event introduced the proprietary technologies of companies in Yokohama in addition to the city’s urban design know-how. The event also provided opportunities for emerging cities facing urban development issues to network with organizations offering solutions.

(Time) November 14th (Wed) 10:00-16:00 / November 15th (Thu) 9:30-14:00

(Exhibitor) ComPower Inc, Fenic co., Ltd, Finetech Co., Ltd., JVC KENWOOD Corp., NEC Corp., NIHON GENRYO Co., Ltd., Toshikougyo CO.,Ltd., Global Environment Centre Foundation (GEC)

(Presenter) GEC (14th), YOKOHAMA URBAN SOLUTION ALLIANCE (YUSA) (15th)

(Number of meetings) 10



Reception/Networking lunch

Throughout the conference, various events were held to promote the networking of conference participants including representatives of cities, solution providers, international organizations, and others.



Cocktail Reception

hosted by World Bank

Nov. 13th (Tue) 18:00-20:00

Venue: Royal Park Hotel 70th Floor
“Aurora”

Participants: Approx.100 attendees



Welcome Reception

hosted by City of Yokohama

Nov. 14th (Wed) 18:00-20:00

Venue: 3rd Floor “Pacific”

Participants: Approx.200 attendees



Networking Lunch

Nov.14th Wed) 12:30-14:00

Nov.15th (Thu) 12:00-14:00

Venue: 3rd Floor “Pacific”

Participants: Approx.300 / 200 attendees (14th / 15th)

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