



9th Asia Smart City Conference Event Schedule

Monday, January 18, 2021
City of Yokohama



Date and Time

Monday, January 18th 2021, 10:00 – 18:00 (JST)

Organizers

- Organizer : City of Yokohama
- Co-organizers : Asian Development Bank Institute (ADBI),
World Bank Tokyo Development Learning center (TDLC)
- Supporters : Cabinet Office, Government of Japan /
Ministry of Foreign Affairs of Japan / Ministry of Finance, Japan /
Ministry of Land, Infrastructure, Transport and Tourism, Japan /
Ministry of the Environment, Government of Japan /
Institute for Global Environmental Strategies (IGES) /
Japan International Cooperation Agency (JICA) / Yokohama City University / CITYNET /
Smart City institute Japan (SCI-Japan)

Main Theme

Building smart cities aiming for carbon neutrality through city to city collaboration under the influence of COVID-19

Background/Vision

We regard "Smart City Development" as sustainable city development. It should raise the quality of life of citizens by promoting well-balanced sustainable development and making use of diverse and innovative technologies created by public and private sector partnerships.

The Asia Smart City Conference (hereinafter referred to as "ASCC") is an international conference that brings together representatives from Asian cities, national governments, international organizations, academic institutions, and private companies, aiming to discuss on the realization of a sustainable city where economic growth and a favorable urban environment are compatible. At this conference, representatives from cities will share their vision for growth as well as their current challenges and needs; private companies and academic institutions will propose innovative solutions; international organizations will offer programs to support efforts by cities and private companies; and various best practices from around the world will be shared. Furthermore, we offer an occasion for participants to find new business opportunities.

This year's conference will be held on Monday, January 18, 2021, under the main theme of "Building smart cities aiming for carbon neutrality through city to city collaboration under the influence of COVID-19". While enhancing the role as an information hub for smart city development in Asia, we will provide a wide range of meeting places for key players, such as

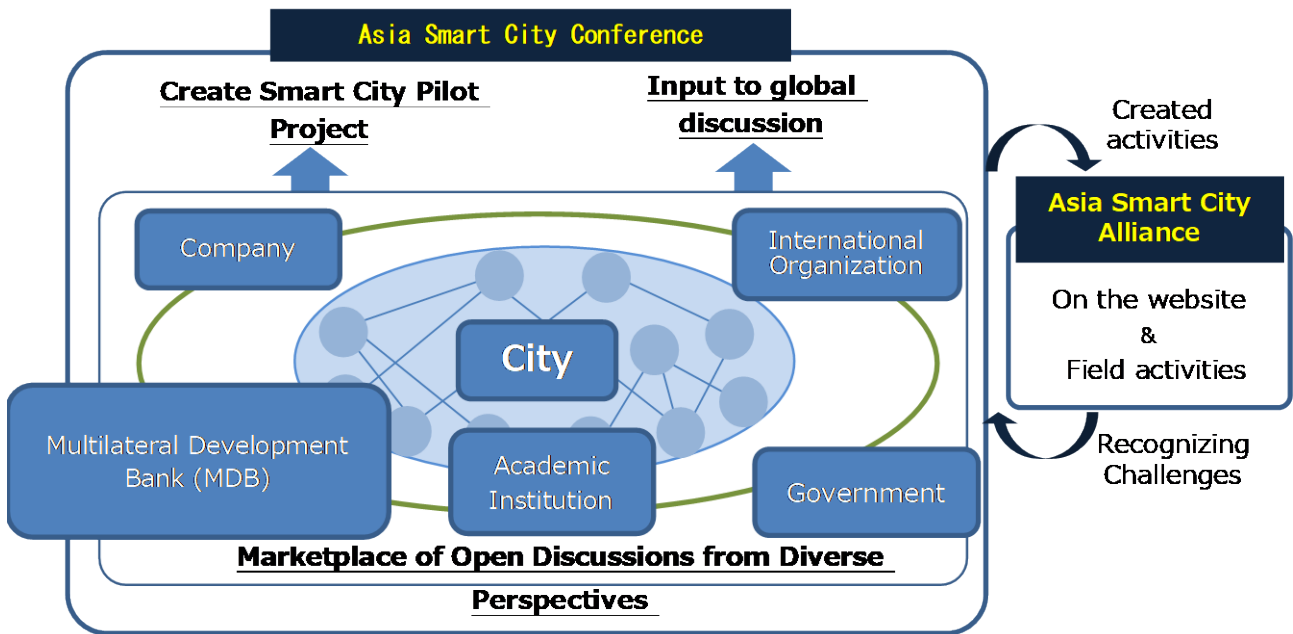
conducting business matching using online, to create an economically, socially and environmentally sustainable city. We aim to create more business opportunities. In addition, the City of Yokohama has declared decarbonization by 2050 as soon as possible, and is developing various initiatives in collaboration with various stakeholders. At the 9th ASCC, we aim to contribute to the achievement of goals common to international community such as carbon neutrality and SDGs.

Characteristics of this conference

The objectives and expected impact of the 9th ASCC are as follows;

- (1) Building the Marketplace for information and people on sustainable city development internationally, and creating business opportunities
 - ~Co-creation of translational applications and innovation solutions
- (2) Dissemination towards achievement of global goals including carbon neutrality and SDGs
- (3) Improving and enhancing the function of Yokohama as an information hub for solving urban issues

Main activities of ASCC



VENUE A

10:00 - 10:05	Introduction
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Speaker:

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

VENUE A

10:05 – 10:50	Yokohama Youth Event The Role of Boundary Spanners in Creating the Future of Asia in the Post-COVID-19 Era
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As the COVID-19 epidemic spreads around the world, the importance of innovation through collaboration across organizational boundaries is increasing. In this session, we will focus on the role of "boundary spanners" who connect multiple organizations across organizational boundaries to generate innovation. The purpose of this session is for Yokohama City University students to conduct preliminary research, present their ideas, discuss them with international organization staff, and summarize their recommendations, supervised by Dr. ASHIZAWA Michiko, Associate Professor, School of Economics and Business Administration, Yokohama City University. Prior to this session, the students conducted research on several boundary spanners to deepen their understanding of the capabilities that boundary spanners have. In this session, students and staff of international organizations will discuss how the youth generation (Generation Z) can acquire these capabilities.

Speakers:

<Opening remarks>

Professor NAKAJO Yusuke, Vice President, Yokohama City University

Mr. HONDA Jun, Deputy General Manager, Human Resources Department, Nissin Corporation

<Moderator>

Mr. HIRATA Kendra, Director, CITYNET Yokohama Project Office

<Presenter> (Supervisor: Dr. ASHIZAWA Michiko, Associate Professor, School of Economics and Business Administration, Yokohama City University)

Mr. CHOI Minhyuck, 4th Year Student, International College of Arts and Sciences, Yokohama City University

Ms. SHIMOGO Run, 4th Year Student, International College of Arts and Sciences, Yokohama City University

Ms. KADO Ayumi, 4th Year Student, International College of Arts and Sciences, Yokohama City University

<Guest Professional>

Mr. SAITO Norio, Director of Urban Development and Water Division (SAUW), South Asia Department, Asian Development Bank

VENUE A

10:55 – 11:40	[Thematic Session 1] Energy Management Carbon Neutrality - Energy Management for Cities
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Technological advance in renewable energy leads to introduce decentralized energy supply system. Locally generated, locally used, renewable energy systems enable people who live in remote areas such as islands to access energy more easily than conventional centralized systems. In urban areas, peer-to-peer electricity trading between producers and consumers of renewable energy accelerates renewable energy from the view point of reducing CO2 emissions and ESG investment. The session aims to discuss the challenges for establishing a self-sustaining power supply mechanism by building so-called “micro grid systems”.

Speakers:

<Moderator>

Mr. NAGUMO Takehiko, Executive Director, Smart City Institute Japan

<Speaker>

Ms. Nguyen Thi Thuy Mai, Vice Director, Department of Industry and Trade, Da Nang City

Mr. OGAWA Tadayuki, Senior Advisor, Japan International Cooperation Agency

<Commentator>

Mr. KUROMIZU Kimihiro, JICA Expert from City of Yokohama, Metropolitan of Bangkok Authority, Thailand

Mr. KATO Makoto, Board of Directors/General Manager, Project Development Department, Overseas Environmental Corporation Center, Japan

<Reactor>

Mr. SUGIMOTO Satoshi, Y-PORT Center Expert

11:40 – 12:40	Break
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VENUE A

12:40 – 13:00	Greetings and Keynote Speech
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Speakers:

Mr. KOIZUMI Shinjiro, Minister of the Environment, Japan

HAYASHI Takumi, Deputy Mayor of Yokohama City

Mr. Robert Guild, Chief Sector Officer, Sustainable Development and Climate Change,
Asian Development Bank

Mr. Sameh Wahba, Global Director, Urban, Disaster Risk Management,
Resilience and Land Global Practice, World Bank

VENUE A

13:05 – 13:50	ADB/ADB Session Build Back Better for Post-Pandemic Livable Cities
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The COVID-19 crisis poses enormous challenges to economies and societies across the globe. The Asian Development Bank has designed a cross-sectoral [“Livable Cities: Post-COVID-19 New Normal” Guidance Note](#) to guide cities to recover from this crisis and build back better. The Guidance Note has identified short- and medium-term actions for cities to adapt to six “New Normals”. We will discuss about “How can cities incorporate this framework of new normals into building more livable cities post COVID-19?”, “What are some of the good examples being implemented?” and “How can smart technologies assist in achieving these agendas?” This session aims to find out these topics.

Speakers:

<Moderator>

Mr. Hong Soo Lee, Senior Urban Specialist (Smart Cities), Asian Development Bank

<Speaker>

Mr. Stefan Rau, Senior Urban Development Specialist, Asian Development Bank

Mr. KIKUCHI Koji, Senior Manager Cross-Industry Business Development Division, NEC Corporation

Ms. Ramola Naik Singru, Senior Urban Development Specialist, Asian Development Bank

Hon. David F. Tumalak, Cebu City Councilor

VENUE B

13:05 – 13:50	[Thematic Session 2] Solid Waste Management Addressing changes of solid waste characteristic under COVID-19 through a proper disposal approach
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Due to rapid population growth in emerging cities, the collection, treatment and disposal of waste need a large administrative cost for local governments. Further, local government is now facing emerging challenges in terms of a rapid increasing waste amount such as Personal Protection Equipment (PPE) under COVID-19 because efficient collection and proper disposal routes for the infectious waste have yet been established. The session aims to discuss the challenges and solutions that are happening under COVID-19.

Speakers:

<Moderator>

Dr. Premakumara Jagath Dickella Gamaralalage, Deputy Director, The IGES Centre Collaborating with UNEP on Environmental Technologies (IGES/CCET)

<Presenter>

Ar. Araceli G. Barlam, Head of Mandaue City Environment Natural Resource Office, Philippines

Ar. Marlo D. Ocleasa, Head of City Planning and Development Office, Philippines

<Commentator>

Mr. OHNO Masato, Chairman, EX Research Institute Ltd.

<Reactor>

Mr. OKAMOTO Shinsuke, Y-PORT Center Expert

VENUE A

13:55 – 14:40	World Bank Session Pathways to Sustainable Urban Development
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As more than half of the world's population lives in cities today and expects to reach 80% by 2050, cities need to recognize that they are the key contributor to climate change.

This session will bring together both Japanese and global experiences in applying smart solutions to achieve sustainable urban development. The first segment will explore the initiatives and lessons learned from emerging economies, shedding light on the deployment of smart solutions in a cost-effective manner towards the achievement of sustainable cities.

This session presents two engagement cases in Asia that are supported by the Global Smart City Partnership Program (GSCP) at the World Bank. Two engagement cases from Indonesia and Bangladesh will help the audience better understand how smart city solutions can be introduced to the emerging economies.

The second segment will showcase Japanese technologies and best practices being applied to international cases, providing insights on the key considerations and lessons learned.

Speakers:

<Moderator>

Mr. Victor Mulas, Senior Urban Specialist and TDLC Team Lead, World Bank Tokyo
Development Learning Center (TDLC)

<Panelist>

Ms. Mansha Chen, Urban Specialist, World Bank

Ms. Gayatri Singh, Senior Urban Specialist, World Bank

HASHIMOTO Toru, Director General for Development Cooperation, International Affairs Bureau,
City of Yokohama

VENUE B

13:55 – 14:40	[Thematic Session 3] Resilience (Disaster Risk Reduction) Bridging DRR and COVID-19 with Technology
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While COVID-19 infections are spreading around the world, disasters such as typhoons and earthquakes are still occurring. The Sumatra earthquake, the Great East Japan Earthquake, and the Philippine typhoons have caused tremendous damage to humanity. As a result, the Sendai Framework for Disaster Risk Reduction has been formulated and countries are working on resilient urban development. During all this, the COVID-19 outbreak occurred, and the whole world is experiencing the same crisis at the same time. Without countermeasures against infectious diseases, disaster risk reduction and mitigation measures will not be possible, and true resilience will not be achieved. Now is the time to bring together the wisdom of the entire world to update the Sendai Framework for Disaster Risk Reduction. Based on the remarkable progress of COVID-19 Tech, we will consider the next disaster risk reduction and mitigation.

Speakers:

<Moderator>

Mr. HIRATA Kendra, Director, CITYNET Yokohama Project Office

<Panelist>

Mr. ABE Hiroshi, Specialist Smart Infrastructure Business Dept, MACNICA, Inc.

Mr. YOKOYAMA Takayoshi, DX Business Division Project Manager, JVCKENWOOD Corporation

Hon. Jerry Trenãs, Mayor of Iloilo City, Philippines

Dr. Tariq Bin Yousuf, Superintending Engineer, Environment, Climate and Disaster
Management Circle, Dhaka North City Corporation, Bangladesh

Mr. PDKA Wilson, Chief Fire Officer, Colombo City Council

Mr. Neo Cheng-Chi Cheng, Sub-division Chief of Disaster Prevention and Planning Division,
Taipei City Fire Department

VENUE A

14:45 – 16:15	[Thematic Session 4] Smart City ASEAN Smart City Concept and its Realization
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With-Covid19 society, it is expected that the importance of Smart cities will grow. Various plans, especially greenfield projects are underway in ASEAN.

This year, we will invite developers who are promoting smart city development in Thailand, Vietnam, and other countries to introduce their efforts to realize the vision of the cities they are aiming for. We will discuss proposals of Japan as well as Yokohama for the realization of high-quality infrastructure and lively urban development that is easy to live in. We will disseminate them to Asia and the world.

Speakers:

<Moderator>

HASHIMOTO Toru, Director General for Development Cooperation, International Affairs Bureau, City of Yokohama

<Presenters>

Ms. Lena Ng, Chief Investment Officer, AMATA Corporation PCL

Mr. SUDO Osamu, Head of Marketing and Sales in Vietnam, Amata City Bien Hoa Joint Stock Company

Mr. YAMAGUCHI Yasuhiro, Advisor, YOKOHAMA URBAN SOLUTION ALLIANCE (YUSA)

Mr. TAKAHASHI Gen, General Manager, Global Business Development Division, JFE Engineering Corporation

<Panelist>

Mr. ISHII Sho, Director for International Negotiations Management, International Policy Division Policy Bureau, Ministry of Land, Infrastructure, Transportation and Tourism (MLIT) of Japan

Mr. NAGUMO Takehiko, Executive Director, Smart City Institute Japan (SCI-Japan)

Ms. Lena Ng, Chief Investment Officer, AMATA Corporation PCL

Mr. YAMAGUCHI Yasuhiro, Advisor, YOKOHAMA URBAN SOLUTION ALLIANCE (YUSA)

Mr. TAKAHASHI Gen, General Manager, Global Business Development Division, JFE Engineering Corporation

VENUE B

14:45 – 15:30	[Thematic Session 5] Sewage and Wastewater Treatment Proper and efficient wastewater treatment approaches
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It is reaffirmed that proper wastewater services have been playing important roles in public health in city. However, in many Asian cities, centralized wastewater management including pumping facilities requires large facility maintenance cost. So Decentralized Wastewater Treatment (DEWAT) suits the local financial situation as a stepwise maintenance method. In addition, the operation of sewage treatment facilities involves a large amount of electricity. The amount of greenhouse gas emissions from sludge is large so the introduction greenhouse gas emission reduction technology is a social demand for cities aiming for carbon neutrality. In this session, we will discuss challenges and solutions toward proper and efficient sewage and wastewater treatment.

Speakers:

<Facilitator>

Mr. SAITO Norio, Director, Urban Development and Water Division (SAUW),
South Asia Department, Asian Development Bank

<Presenters>

Mr. Praveen Ankodia, Deputy Project Director (Technical) in Rajasthan Urban Infrastructure Development Project (RUIDP), Rajasthan Urban Drinking Water, Sewerage and Infrastructure Corporation Limited

Mr. Emmanuel C. Espina, Principal Engineer C, Corporate Planning Department, Metro Cebu Water District

Dr. Nguyen Tung Lam, Director of Center for Consultancy, Training and Services on Natural Resources and Environment, Institute for Strategy, Policy on Natural Resources and Environment

<Reactor>

Mr. KIKUHARA Junya, Y-PORT Center Expert

VENUE B

15:35 – 16:20

Climate Change Measures Session : Platform for Redesign 2020

It is essential for all actors to collaborate and promote efforts to solve the two global issues of climate change and the COVID-19. Japanese Government has launched an online platform, "Platform for Redesign 2020," with the aim of sharing concrete actions and knowledge on climate change and environmental measures, as well as raising global momentum to ensure that climate change measures do not regress in the face of COVID-19. At the same time, through the holding of Online Ministerial-level Meetings and other means, we held dialogues with leaders in various fields around the world, and shared the need to redesign our society to be sustainable and resilient, and to base it on the three transitions of a "carbon-neutralized society," "circular economy," and "decentralized society."

In this session, based on the discussions that have been held in this framework, we will focus on "cities" in particular, and have practical discussions on how to rebuild sustainable and resilient cities in the post Covid-19 era, and share knowledge on how to formulate concrete actions for the future in each city.

<Moderator>

Mr. UCHIDA Togo, Director, ICLEI Japan

<Presenters>

Mr. SUGIMOTO Ryuzo, Director, International Cooperation and Sustainable Infrastructure Office, Ministry of the Environment, Government of Japan

Mr. MIYAZAKI Akihiro, Deputy Director General, Global Environment Department, Japan International Cooperation Agency (JICA)

OKUNO Shuhei, Deputy Director-General, Climate Change Policy Headquarters, City of Yokohama

Mr. Risto Veivo, Climate Director, City of Turku, Finland

16:20 – 16:50	Recess
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VENUE A

16:50 – 17:50	Closing Session
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This closing panel will summarize the results of the discussion on the theme of the 9th ASCC, "Building smart cities aiming for carbon neutrality through city to city collaboration under the influence of COVID-19".

<Speakers>

Ms. Laia Bonet, Deputy Mayor of Barcelona City Council (Agenda 2030, Digital Transition, Sports, Territorial and Metropolitan Coordination and International Relations)

Dr. ISHIHARA Yasuhiro, Deputy Minister for International Projects, Ministry of Land, Infrastructure, Transport and Tourism, Japan

Mr. Rushi Rama, Lead, G20 Global Smart Cities Alliance (GSCA)

Mr. Chul Ju Kim, Deputy Dean, Asian Development Bank institute (ADBI)

Mr. CHOI Minhyuck, 4th Year Student, International College of Arts and Sciences, Yokohama City University

HASHIMOTO Toru, Director General for Development Cooperation, International Affairs Bureau, City of Yokohama 【Yokohama Declaration】

About Business Matching Event

In order to build sustainable cities, we are constantly holding online business matching events between Yokohama-related companies and companies and international organizations in emerging cities and countries, especially in Asia during this event.

Online video chat function and direct message function on EventHub will be available from 11th January, 2021. We hope you will join us.

Event Schedule

The 9th ASCC Main Event on January 18th, 2021 "Building smart cities aiming for carbon neutrality through city to city collaboration under the influence of COVID-19"				
Schedule (JST)	Venue A (EN/JP Interpretation is available)	Venue B (EN/JP Interpretation is available)	Business Matching (English only)	Business Pitch (English only)
10:00 - 10:05	Introduction		Always on throughout the event	
10:05 - 10:50	Yokohama Youth Event			
10:55 - 11:40	[Thematic Session] Energy Management			
11:40 - 12:40	Recess			
12:40 - 13:00	Message from Mayor of the City of Yokohama and Keynote Speech			
13:05 - 13:50	ADB and ADBI Session	[Thematic Session] Solid Waste Management		
13:55 - 14:40	World Bank Session	[Thematic Session] Resilience (DRR)		
14:45 - 16:15	[Thematic Session] Smart City	14:45 - 15:30 [Thematic Session] Wastewater Treatment		
		15:35 - 16:20 Climate Change Measures Session		
16:20 - 16:50	Recess			
16:50 - 17:50	Closing Session			

【For inquiries】 Asia Smart City Conference Secretariat

International Affairs Bureau, City of Yokohama

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Please check our website for more information about the 9th Asia Smart City Conference

Report for the 8th Asia Smart City Conference

【Video】<https://youtu.be/RTL1Dc2OZs>

【Report】

https://www.city.yokohama.lg.jp/lang/overseas/yport/smartcity/asc.files/0018_20200325.pdf



【Video】



【Report】