



The New Urban Development that Enables Sustainable Growth Through Public-Private-Partnership ~ Decarbonization, SDGs/VLR and Smart City ~

Program Overview

City of Yokohama



Schedule

November 24 (Thursday) ~ November 25 (Friday), 2022

Organizers

- Organizer: City of Yokohama
- Planning: Y-PORT Centre Office GALERIO Committee (hereinafter, GALERIO)
Asian Development Bank Institute (ADBI) / Institute for Global Environmental Strategies (IGES) / Japan International Cooperation Agency (JICA) / Smart City institute Japan (SCI-Japan) / World Bank Tokyo Development Learning Center (World Bank TDLC) / Yokohama City University (YCU) / Yokohama National University (YNU) / YOKOHAMA URBAN SOLUTION ALLIANCE (YUSA) [in alphabetical order] and City of Yokohama
- Supporters: Cabinet Office, Government of Japan / Ministry of Foreign Affairs, Japan / Ministry of Finance, Japan / Ministry of Economy, Trade and Industry, Japan / Ministry of Land, Infrastructure, Transport and Tourism, Japan / Ministry of the Environment, Government, Japan / CITYNET

Main Theme

The New Urban Development that Enables Sustainable Growth

Through Public-Private-Partnership ~Decarbonization, SDGs/VLR and Smart City~

Background

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 knowledges from around the world will be shared. Furthermore, we offer an occasion for participants to find new business opportunities.

For this year's 11th conference, the main theme is *The New Urban Development that Enables Sustainable Growth Through Public-Private-Partnership ~Decarbonization, SDGs/VLR and Smart City~*. To create a sustainable city, it is important to achieve zero carbon, initiatives that utilize urban evaluation methods such as SDGs/VLR, and promotion of smart cities that respond to changing social needs through public-private partnerships. We will share knowledge, know-hows and best practices about urban development that society is currently seeking.

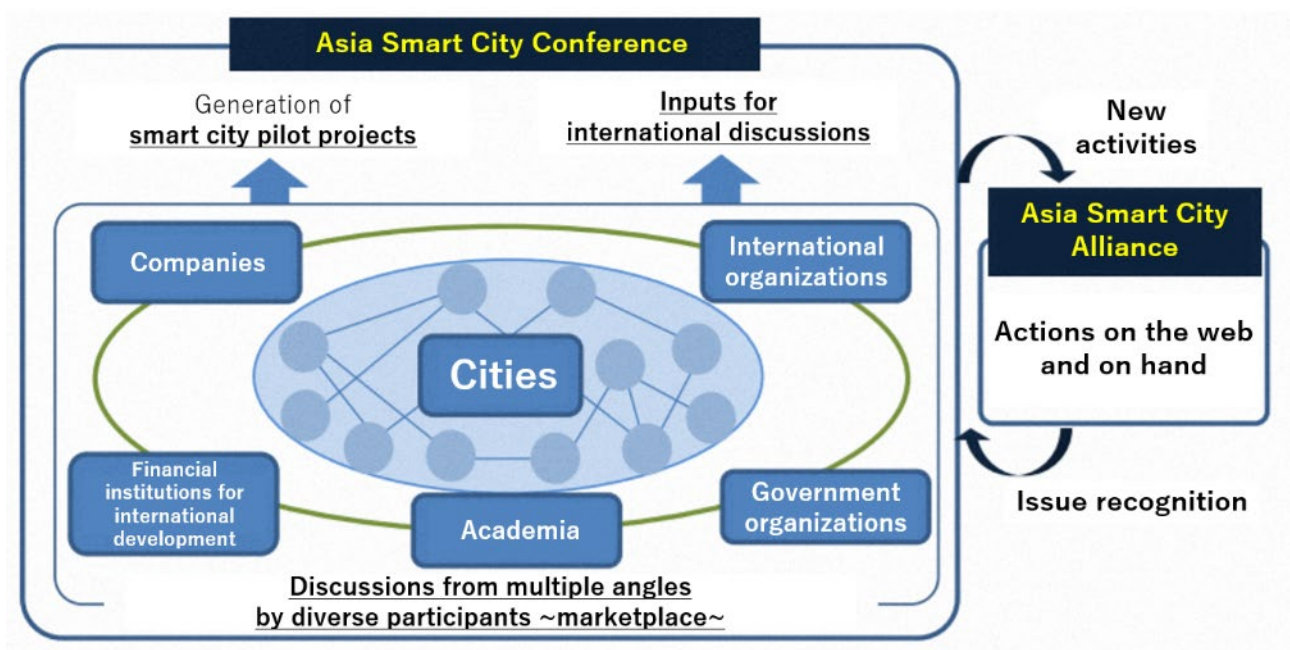
In addition, this time we will hold a reception using metaverse and business pitch exchange session. We aim to provide a meeting place for a wide range of key players and create further business opportunities for the creation of economically, socially and environmentally sustainable cities.

Characteristics of the Conference

The purpose and expected outcome of the 11th ASCC are as follows:

1. Establishment of the marketplace where overseas information and people in the field of sustainable urban development gather and promoting business creation.
2. Communication towards achieving the goals of the international community such as decarbonization and SDGs.
3. Realization of empowerment and implementation of sophistication of ASCC as a knowledge hub for solving urban issues.

Main Activities of the ASCC



About GALERIO Committee

In order to enhance its role as an information hub for smart city development in Asia, GALERIO Committee was launched by the experts from the public, private and academic sectors. The contents of each session in this conference are planned by the GALERIO Committee. In cooperation with international organizations and academic institutions, the committee will lead the promotion of smart cities across organizational boundaries.

Program (tentative)

Date	JST	Channel	Type	Overview
Nov. 24	12:30~ 14:15	Metaverse	Reception	Reception for ASCC speakers and audiences Workshop presentation on new urban development by the students of Yokohama City University and universities abroad.
	14:20~ 17:30	Webinar	Business matching	Business matching between YUSA member companies and overseas business players 【 Keynote session 】 Importance of public-private partnership in city-to-city cooperation between Yokohama and Bangkok. Sales pitches by 15 companies that are highly interested in expanding their business overseas.
Nov. 25	13:00~ 13:10	Webinar	Opening	Greeting from the organizer Video message from Takeharu Yamanaka, Mayor of Yokohama.
	13:10~ 14:20	Webinar	Session 1	<i>Effective Measures Towards a Net-Zero Future in Asia and the Pacific</i> Moderator: Asia Development Bank Institute (ADBI) Speakers are from (order of presentation): Yokohama National University City of Yokohama Asia Development Bank City of Makassar, Indonesia Bangkok metropolitan administration
	14:30~ 15:40	Webinar	Session 2	<i>City Operation through Utilization of Voluntary Local Review and Well-Being City Evaluation Indicators</i> Moderator: Institute for Global Environmental Strategies (IGES) Speakers are from (order of presentation): City of Yokohama City of Danang, Vietnam Smart City Institute Japan
	15:50~ 17:00	Webinar	Session 3	<i>Designing Agile Cities for Greater Livability</i> Moderator: World Bank Tokyo Development Learning Center (TDLC) Speakers are from (order of presentation): Special Advisor for Y-PORT Center World Bank YOKOHAMA MINATO MIRAI 21 JTC Corporation
	17:00~ 17:30	Webinar	Closing	Closing Remark

Reception: November 24 (Thursday)

We will provide a space for new encounters and communication through metaverse.



Contents :

- Reception for ASCC speakers and audiences
- Presentation on new urban development by the students of Yokohama City University and universities abroad.

Speakers:

Mr. Masahiko Nakanishi, Professor, Yokohama City University

Student group, Yokohama City University

Mr. Sho Naya, Mr. Takahiro Mizukami, Mr. Kotaro Tsuchiya, and Ms. Ginga Nakadai, Japan International Cooperation Agency (JICA)

Business Matching: November 24 (Thursday)

Business matching will be conducted by YUSA.

ASCC has created opportunities for business matching in the form of exhibitions and etc.. After the event, individual business meetings will be held to support new business matching.

Contents (tentative):

- 【Keynote session】Importance of public-private partnership in city-to-city cooperation between Yokohama and Bangkok.
Speakers: Yokohama City officials, etc.
- Sales pitches by 15 companies that are highly interested in expanding their business overseas.
Domestic Speaker companies (Alphabetical order):
Aidec System, Being, Enebloom, Fintech, Guun, JVCKENWOOD, KawaguchiSeiki, Koei Shoji, Macnica, Mitsui Onnetsu, Pasco, T.K.K. Evolution, Takematsu, Three High, TRipac.
Overseas Speaker companies are from (Alphabetical order):
Indonesia, Malaysia and Philippines.
- Individual business meetings held after the event
If you would like to have a business meeting with a company on stage, please refer to the contact information provided on the day of the event.

Opening: November 25 (Friday)

【Speakers】



: Mr. Takeharu Yamanaka, Mayor, City of Yokohama

Thematic Session: November 25 (Friday)

Three sessions will be conducted in webinar format.

Discussions will take place focusing on the best practices on carbon zero, SDGs/VLR and smart city development, from inside and outside Japan.

Session 1: Decarbonization Session

- ***Title: Effective Measures Towards a Net-Zero Future in Asia and the Pacific***

Cities are the frontline in tackling climate change – representing both the biggest challenge and opportunity to limit global average temperature rise to 1.5°C above pre-industrial levels. Cities account for about 70% of global CO₂ emission, of which more than 50% come from Asia and the Pacific. The rapid urbanization of this region results in continuously increasing consumption of fossil fuels, while some 157 million people still don't have access to electricity. Meanwhile, Asia and the Pacific is the most disaster-affected region in the world, home to more than 40% of disasters and 84% of people affected. The risks will be further aggravated by global warming and climate change impacts.

In dealing with this challenge, cities in Asia and the Pacific need to step up its effort in low-carbon and resilient urban development towards a net-zero future. This decarbonization effort requires the right policy reforms, innovative technologies, enhanced collaboration among stakeholders, as well as better investments. Many cities, such as the ones in Japan, have announced net zero carbon dioxide emissions by 2050. Many others have also embarked on low-carbon journey in transition to a net-zero future. What are some of the measures taken? Which ones have proven to be effective? What opportunities exist for private sectors to better engage in realizing decarbonization efforts in cities in the Asia and the Pacific? What is the role of city governments in facilitating efforts to engage private sectors in for public good?

This session aims to share measures taken by cities and development institutions to achieve a net-zero future. It will also discuss how the private sector can participate in this decarbonization effort and the enabling role of city governments.

【Speakers】



: Ms. Pitchaya Sirivunnabood
(Deputy Head and Senior Economist, Capacity Building and Training Department, ADBI)

Pitchaya Sirivunnabood has served as the Deputy Head of Capacity Building and Training Department since September 2022. She is also a senior economist. Her expertise is international economics and finance, specializing in regional economic integration and financial cooperation as well as bilateral and multilateral free trade agreements, development of financial markets, and international/ transnational investment.

Prior to joining ADBI in 2018, Pitchaya was an assistant director and the head of finance integration division at the ASEAN Secretariat in Jakarta, Indonesia. She was senior researcher, providing policy advocacy and consultancy for a Thai government think tank, the UNDP's Asia Pacific Regional Office, and the European Association for Business and Commerce. Pitchaya was also an assistant director and macroeconomist at the ASEAN Integration Monitoring Office, in charge of surveillance and monitoring process for the ASEAN Economic Community. She holds a PhD in international economics from the University of Utah, United State.



Panelist : Mr. Satoru Sadohara
(Vice President, Yokohama National University)

Specializes in urban energy systems and urban environmental engineering.

In 1989, assistant professor of Yokohama National University, and in 2000 professor.

In Yokohama National University, he belongs to the Graduate School of Urban Innovation, and is in charge of the Faculty of Urban Sciences.

Director of Japan District Heating and Cooling Association, vice-chairman of the Kanto Region Energy and Global Warming Countermeasures Promotion Council, expert member of Yokohama City, vice-chairman of Yokohama City Environmental Creation Council, chairman of Kawasaki City Environment Council, etc. He is engaged in research on energy systems to realize decarbonized and resilient cities.



Panelist : Mr. Takeshi Ishikawa
(Director General of the Climate Change Policy Headquarters, City of Yokohama)

After graduating from the Faculty of Law, Meiji University, he joined City of Yokohama in 1991.

He served as Director of the Konan Ward Administration Promotion Division, Director of the Sports Promotion Division of the Citizens Bureau, Director General of the Administrative Reform Office of the General Affairs Bureau, and Deputy Director General of the Policy Bureau before assuming his current position in April 2022.



Panelist : Mr. Sanjay Grover

(Unit Head of the Creating Investable Cities initiative, ADB)

Sanjay Grover is the Unit Head of the Creating Investable Cities initiative at the Asian Development Bank. He brings more than 25 years of experience working with cities across Asia and the Americas in different capacities – as a planner, as a PPP grantor, as a transaction adviser, and as a debt and equity investor.

Prior to joining ADB in the Office of Public Private Partnerships, Sanjay worked as an urban sector consultant for the World Bank and ADB. Previously, Sanjay was a Senior Equity Investments Manager with Fannie Mae in the US, where he sourced, structured, and managed more than \$4 billion of equity and mezzanine-loan financing in workforce housing. Prior to Fannie Mae, Sanjay led the planning, structuring, and closing on more than \$1.5 billion in transit-oriented development projects in Washington DC and Boston metropolitan areas. Sanjay started his career with AECOM, where he led the planning and technical due diligence for many large-scale urban infrastructure projects in the US and Asia. Sanjay has an MBA from MIT's Sloan School of Management, graduate degrees in City Planning and in Transport from Georgia Tech, and a bachelor's degree in Architecture.



Panelist : Mr. Helmy Budiman

(Regional Development Planning Agency, Government of Makassar City, South Sulawesi Province, Indonesia)

Helmy Budiman is the Head of the Regional Development Planning Agency, City of Makassar, Indonesia. His work focuses on city document planning, in terms of long-term (RPJP) (25 years), medium-term (RPJMD) (5 years), and short-term (RPKD) (1 year). His working area also includes the main program activity and sub-activity of each department in the local government of Makassar City.

Session 2: SDGs/VLR/Well-Being Session

- ***Title: City Operation through Utilization of Voluntary Local Review and Well-Being City Evaluation Indicators***

Higher densities in cities have created a social environment that has led to higher productivity and higher income for urban residents, but at the same time, these have led to new urban issues that hamper sustainable development. Under such circumstances, it is necessary to prioritize initiatives for creating sustainable cities that also contribute to the achievement of the SDGs and goals of the Paris Agreement. With the growing interest in SDGs, over 100 local governments around the world have published their VLR, a voluntary local review of progress on the Sustainable Development Goals, and the Japanese government has also expressed its positive support. VLR* is expected to serve as a framework for encouraging the participation of regional stakeholders and regional innovation, and help cities become more sustainable.

In addition, the Liveable Well-Being City Index** was formulated as an index for urban development that enhances citizens' sense of well-being by balancing objective and subjective index data on the current state of a city and matching it with global standards. As this index has been designated by the Digital Agency as a common index for local governments in the concept of a Digital Garden City Nation, it not only evaluates the current status of cities, but also provides ways to study potential policies to improve the happiness of the citizens.

How are the efforts of local governments and private companies to achieve the SDGs evaluated and reviewed? Also, what kind of action and what kind of approach should be taken to connect the evaluation and review to realize the sustainable development of the city? This session will cover the perspectives described above.

***VLR (Voluntary Local Review):** This is an international initiative in which local governments voluntarily review their own SDGs efforts and publish the results as a report that can be compared with other local governments

****LWC (Liveable Well-Being City) Index:** This is an index to improve local well-being and ensure sustainability by quantifying and visualizing citizens' "living ease" and "well-being" using indicators and promoting actions in response to the evaluation.

【Speakers】



Moderator : Ms. Yatsuka Kataoka

(Programme Director, City Taskforce, Brookings Institution, Institute for Global Environmental Strategies)

Yatsuka Kataoka joined IGES in 2001, after she engaged in environmental technology transfer and capacity building projects targeted at the Southeast Asian countries in Global Environment Centre Foundation (GEC). At IGES, she worked for water management related research projects, especially focusing on groundwater management policy and water quality management in Asian countries. After serving the Senior Coordinator for Networking and Outreach and the Deputy Director of Kitakyushu Urban Centre, she joined City Task Force. She is now engaged in city-to-city collaboration projects for sustainable development between EU and Japan as well as Japan and other Asian countries. Her recent study focus also includes localisation of the Sustainable Development Goals (SDGs) and Voluntary Local Review (VLR). She obtained LLM, Graduate School of International Cooperation Studies of Kobe University.



Panelist : Mr. Ken Akaoka

(Director General for Global Network, International Affairs Bureau, concurrently serve as Executive Director, Office of the City of Yokohama Representative to the Americas)

He joined City of Yokohama in 1983.

He served as Director of Tourism and Convention Promotion Department, Culture and Tourism Bureau, Director for Office of Foreign Affairs, Policy Bureau, and Director General of the International Affairs Bureau before assuming his current position in April 2021.



Panelist : Mr. Le Minh Tuong

(Vice Director, Danang Department of Planning and Investment)

Being the representative of Danang Department of Planning and Investment, open-minded, enthusiastic and imparted to be internationally integrated at the same time, I would like to share with the world about our goals and desire for building a sustainable city at this conference. If my presentation interests you, do not hesitate to contact me.



Panelist : Mr. Takehiko Nagumo

(Executive Managing Director, Smart City Institute Japan)

Executive Managing Director, Smart City Institute Japan. Concurrently, Senior Managing Executive Officer at Mitsubishi UFJ Research and Consulting, Ltd.

Committee member of Regulatory Reform Promotion Council (Cabinet Office), Public Records and Archives Management Commission (Cabinet Office), Well-Being City Indicator Committee (Digital Agency). Policy advisors to Tokyo Metropolitan Government, Yokohama City, Chiba City, Hamamatsu City, Kobe City, Aizuwakamatsu City, Maebashi City, and Kamakura City.

Adjunct Professor at Kyoto University Graduate School of Management, Tokai University, Kanazawa Institute of Technology. Visiting Professor at Tallinn University of Technology in Estonia.

Senior Industry Fellow at RMIT. Senior Visiting Fellow at Global Communication Center, International University of Japan, Senior Researcher at Keio Research Institute at SFC.

Session 3: Smart City Session

- **Title: Designing Agile Cities for Greater Livability**

One way to observe the value of a city is how it responds to the needs of people inside and outside the city boundary and see how it plays a role in attracting social and economic activities. It resonates with the concept of Agile City, which quickly adapts to changing needs across all areas of urban infrastructure and processes (World Economic Forum, 2018). Since before the COVID-19, Minatomirai has been constantly expanding the magnet functions of itself in response to changes in people's needs, realizing expansion of commercial and MICE facilities, establishing the innovation centre with corporate R&D facilities and the music city where people are entertained. In recent years, new lifestyles of post-COVID-19 have arisen due to changes in people's interests (working style, education, entertainment, safety, etc.), and the required urban functions will change accordingly.

Going forward, it will continue to be a common goal for cities around the world, to improve the attractiveness of cities by extracting people's needs and interests and reflecting them in urban development, and to increase the value of cities by inducing more social and economic activities. How are cities in Japan and overseas, including Yokohama, trying to achieve this? Also, from the perspective of smart cities, how are the latest technologies being utilized in these efforts? This session will cover the perspectives described above.

【Speakers】



Moderator : Mr. Christopher Pablo

(Senior Urban Specialist and TDLC Team Lead, World Bank)

Christopher Pablo is Senior Urban Specialist and Team Lead of TDLC. Before joining TDLC, he was based in Jerusalem, leading the urban program in West Bank and Gaza. Chris has years of experience in the Bank in lending and analytical work spanning municipal finance, city development strategies, metropolitan planning, slum upgrading, local economic development, urban transport, tourism, and resilience. Before his West Bank and Gaza assignment, he was in Dhaka, Bangladesh, leading the work on municipal infrastructure and governance improvements and non-lending technical assistance on local service delivery. Prior to his South Asia Region assignment, Chris was in the Manila office leading municipal finance operations, urban transport, and slum upgrading projects. Before joining the Bank, Chris worked in the Philippines National Economic Planning Agency. He holds a Master's degree in Public Policy and a Bachelor's degree in Economics.



Panelist : Mr. Alfonso Vegara
(Special Advisor for Y-PORT Center)

FOUNDER AND HONORARY PRESIDENT FUNDACION METROPOLI.

PhD in City and Regional Planning; degrees in Architecture, Economics, and Sociology. Former President of ISOCARP -International Society of City and Regional Planners- which has members in over 70 countries. He is Fellow and Trustee of the Eisenhower Fellowships; he's also been appointed as Honorary Consul General of Singapore in Madrid since 2005.

Alfonso Vegara has been lecturing Urbanism at the Escuela Técnica Superior de Arquitectura de Madrid, Universidad de Navarra, and Universidad CEU San Pablo. He was also a visiting professor at the School of Design of the University of Pennsylvania, and Advisor of ETH Zurich Polytechnica.



Panelist : Ms. Carli Bunding-Venter
(Senior Urban Development Specialist, World Bank)

Carli Venter, a South African national, is a Senior Urban Development Specialist with the World Bank based in Washington DC. She has extensive experience spanning both the private and public sectors, with an in-depth understanding of public management, urban governance and economic development at local and regional level. Her skillset includes policy and strategy formulation, facilitation, the design and implementation of participatory process, design of governance processes and the ability to navigate the intergovernmental and public-private space. She holds an undergraduate and honors degree in Financial Management, a Masters' degree (cum laude) in Environmental Management and a PhD in Public Management.



Panelist : Mr. Shinken Sakawa
(Chairman, YOKOHAMA MINATO MIRAI 21)

Specialized in architecture and urban planning. Formerly, he was a chief engineer and the director of the Building Bureau of City of Yokohama. Currently, he is in charge of the area management organization of Minato Mirai 21, which consists of industry, academia, and government. During this period, he was mainly engaged in urban planning, urban redevelopment, revitalization of large-scale housing complexes, disaster prevention, and environmental policy for the entire city of Yokohama. In particular, in relation to Minato Mirai 21, he has served as the head of the planning section and the head of the maintenance department. Currently, he is taking on a variety of challenges to create "new urban industries and culture" that urban projects can play a role in.



Panelist : Mr. Tan Xin Ji Alan
(Senior Manager, JTC Corporation)

As a team lead in JTC's Smart District Division, Alan Tan is involved in the development work of Open Digital Platform (ODP), the digital infrastructure that will integrate various smart systems across the district.

【Speakers】



Moderator : Mr. Toru Hashimoto
(Director General, International Affairs Bureau, City of Yokohama)

Toru Hashimoto was in charge of program Y-PORT (Yokohama Partnership of Resources and Technologies). Y-PORT is public private partnership endeavor to deliver knowledge and cutting-edge technology for urban solutions. He was instrumental to initiate collaborations under City Partnership Program with the World Bank and to conclude Memorandum of Understanding between ADB and the City of Yokohama in regards of urban management and solutions. Before joining the City of Yokohama he took technical as well as managerial positions in World Bank and Asia Development Bank Institute. He was educated in University of Tokyo, Asia Institute of Technology, and Massachusetts Institute of Technology on urban planning, engineering and human settlements. For further information regarding Y-PORT, please refer to the following website.

<https://yport.city.yokohama.lg.jp/en>



Panelist : Mr. Bindu Lohani
(Special Advisor for Y-PORT Center)

Dr. Bindu N. Lohani was Vice-President of the Asian Development Bank (ADB) for Knowledge Management and Sustainable Development until June 2015. Prior to that, Dr. Lohani was Vice-President (Finance and Administration) of ADB. He was The Secretary of the ADB Board, Director General of Regional Sustainable Development and Chief Compliance Officer. He has several years of experience and expertise in infrastructure projects development and financing (clean energy, transport, urban and water sectors), sustainable development and sustainability issues (especially in environment and climate change).

He is serving as:

- Global Head of Climate Change Practices and Distinguished Fellow, Emerging Markets Forum, The Centennial Group, USA;
- Founding Board member, Asian Water Council, Korea;
- Board of Director, UNESCO International Water Security and Sustainable Development, Korea;
- Chairman of Board, Clean Air Asia, Philippines;
- Chair, Global Green Growth Committee, International Finance Forum (IIF), China
- Advisory Board, Urban Research & Innovation Center, National Academy of Science and Technology, Nepal
- Special Advisor for Y-PORT Center, Yokohama, Japan.



Panelist : Ms. Mary Jane Crisanto Ortega

(Special Advisor for Y-PORT Center, Former Mayor of the City of San Fernando, La Union)

Former Sec Gen CityNet, now Special Adviser.

Past President FAWA, Past President IWCPI, Past IIW Rep.

President NFWCFoundation.

Board Member St. Louis College, ISA, GITOC.

UN Habitat Scroll of Honour and Konrad Adenauer Awardee.

<Inquiries>

- On the contents of the conference, please contact
Secretariat of 11th Asia Smart City Conference

E-mail: jp_ascc_secretariat@pwc.com

※Commissioned by the City of Yokohama,
PwC Advisory LLC is in charge of the secretariat of 11th ASCC.

- On the registration for the conference, please contact
Stage Incorporated

E-mail : 11th_asia_smartcity_conference@stage.ac

※Commissioned by the City of Yokohama
Stage Incorporated is in charge of managing registrations.



Please visit the official website for 11th Asia Smart City Conference
from the QR code above.

