

ASCC 13th Asia Smart City Conference

13th Asia Smart City Conference

2024.10.22 [Tue] – 24 [Thu] || PACIFICO YOKOHAMA NORTH



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Event outline



The 13th Asia Smart City Conference Event outline

About Asia Smart City Conference

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 the conference, representatives from cities present their visions for growth as well as their current challenges and needs; private companies and academic institutions propose innovative solutions; international organizations offer programs to support efforts by cities and private companies; and best practices from around the world are shared. Furthermore, we offer an occasion for participants to find new business opportunities.

Special features of the 13th ASCC

For the 13th Asia Smart City Conference, through the theme of "Decarbonization," we will bring together Asian cities, international organizations, private companies, academic institutions, and a diversity of domestic and overseas stake holders, sharing challenges for the implementation of a decarbonized society, visions for growth, as well as innovative solutions based on state-of-the-art technologies.

Outline

[Dates] October 22 – 24, 2024

[Participants] 2,200+

[Venue] PACIFICO Yokohama North

[Yokohama Declaration] 39 cities and institutions endorsed /Witnessed by 6 international organizations

[Organizer] City of Yokohama

[Exhibitors] 46

[Co-organizers] Asian Development Bank Institute (ADBI), World Bank Tokyo Development Learning Center (TDLC)

[Number of Countries] 46

[Sponsorship] Cabinet Office, Ministry of Foreign Affairs, Ministry of Finance, Ministry of Economy, Trade and Industry, Ministry of Land, Infrastructure, Transport and Tourism, Ministry of the Environment, CITYNET, International Fund for Agricultural Development (IFAD), UNDP (United Nations Development Programme) Representation Office in Tokyo

[Supported by 7 companies]

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TAKE AND GIVE. NEEDS Co., Ltd. /
The Bank of Yokohama, Ltd.

[Theme] Asian Cities Together for a Greener Future



[Business exchanges between foreign cities and Japanese companies] 1,100+

[Sessions] 18

[Speakers] 99

■Program

Having “decarbonization” as the main theme, the 13th Asia Smart City Conference was hosted with the cooperation of World Bank and Asia Development Bank and had over 2,200 participants from Japan and abroad.

The 13th ASCC was an extremely fruitful opportunity where the Yokohama Declaration was signed with the endorsement of 39 overseas cities and government organizations that participated in the conference, aiming at the achievement of a green society.

Date and Time			Program	
Oct. 22 (Tue)	12:30-17:30		Pre-Conference Event -Site Visit of Urban Infrastructure Facilities-	
Oct.23(Wed)	10:00-10:30	BLUE STAGE	Opening session	Exhibition booths Business networking Attraction
	10:40-11:30	BLUE STAGE	GREEN × EXPO 2027 session ~Aiming at the achievement of “Scenery of the Future for Happiness”~	
	10:40-12:00	GREEN STAGE	Reverse Pitches by Asian cities / Pitches by Japanese businesses -Business matching to solve urban issues-	
	11:40-12:00	BLUE STAGE	Business keynote	
	13:10-15:10	BLUE STAGE	Port City Decarbonization	
	13:10-13:55	GREEN STAGE	The creation of decarbonization innovation through the use of next-generation energy	
	14:05-14:50	GREEN STAGE	Are EVs Really Practical - Thinking about Mobility 2030	
	15:00-16:00	GREEN STAGE	Presentation of Joint Proposal on Urban Challenges by University Students from Yokohama and Abroad: Resilience in Informal Settlements	
	15:30-17:00	BLUE STAGE	JICA session In the Front Lines - Climate Solutions and Way Forward-	
	16:15-17:15	GREEN STAGE	Designing an Urban Environment to Enhance Citizens’ Well-Being	
Oct. 24(Thu)	10:00-12:00	BLUE STAGE	Building Livable, Green, and Resilient Cities ~ Replicable and scalable solutions from abroad ~	Exhibition booths Business networking Attraction
	10:00-10:30	GREEN STAGE	Special keynote The future of alignment between the brain, Artificial Intelligence, and the global environment	
	10:40-11:25	GREEN STAGE	From Yokohama: The Possibilities of Semiconductor Open Innovation	
	11:30-12:00	GREEN STAGE	Yokohama's potential as Asia's circular economy hub	
	13:10-14:10	GREEN STAGE	AFRICA BUSINESS SESSION Business with Africa: current and future potential	
	13:10-15:10	BLUE STAGE	Synergies of SDGs and Climate Action – Through the Network of CityNet -	
	14:30-15:10	GREEN STAGE	Youth session (Yokohama Future Generations Platform × IFAD Youth Club) Our Future is Here -Facing Climate Change Together-	
	15:20-16:30	BLUE STAGE	Closing session Leading the Way to a Green Future: Role of the Asia Smart City Conference	

■ About our key visual and logo

A new key visual and logo were created for the 13th Asia Smart City Conference.



[Key Visual / Concept]

The Yokohama seagulls which designed with Japanese Origami motif will serve as media/messengers for the diversity of discussions that will take place at the international conference.

The green=earth, blue=sky, and light blue=water themes are integrated into the proposal, which will spread across oceans and around the world, transcending languages.

[Logo]

A simple and impressive design of the acronym ASCC.



Event results



Opening Session

Following the opening remarks by Mayor Yamanaka of the host city Yokohama, Ms. Angelica Nunez of the World Bank and Mr. Ramesh Subramaniam of the Asia Development Bank, who are co-sponsors of the event, delivered their speeches. In addition, Mayor Yamanaka introduced the measures taken by Yokohama aiming at decarbonization and the achievement of a green and sustainable society.

[Opening Speaker]

Takeharu Yamanaka, Mayor, City of Yokohama

[Speakers]

Angelica Nunez, Practice Manager, Urban, Resilience, and Land Global Practice, World Bank

Ramesh Subramaniam, Director General and Group Chief, Sectors Group, Asian Development Bank (ADB)





GREEN × EXPO 2027 session

- Aiming at the achievement of “Scenery of the Future for Happiness” -

To lead the way in achieving the SDGs and a green society, Yokohama will host GREEN × EXPO 2027, a class A1 (top-level) international horticultural exposition, from March 2027. Based on the concept of “Nature-based Solutions”, a solution utilizing the power of nature, we will have “Scenery of the Future for Happiness” as the main theme.

This exposition will be created together with the public and in harmonic coexistence with the environment, focusing on climate change, which strongly affect our daily lives. We will welcome everyone with an impressive array of flowers and greenery, aiming to showcase a new society based on green innovation.

Based on the awareness of the issues raised by the Expo, in this session we shared knowledge from a variety of perspectives, including business and academia, as well as the possibilities and connections that will expand through participation in the Expo.

[Moderator]

Kazuhiro Kiyose, Executive Director, Planning and Coordinating Department Japan Association for the International Horticultural Expo 2027, Yokohama

[Speakers]

Mana Saza, Founder, SWITCH Association and Sustainability

Toru Takeda, Senior Executive Officer, Mitsubishi Estate Co., Ltd.

Shizuka Hashimoto, Professor, Graduate School of Agricultural and Life Sciences, The University of Tokyo



Business keynote

IKEA Japan K.K., the Japanese subsidiary of IKEA, one of the world's largest home furnishing companies, has partnered with the City of Yokohama since FY 2015 to promote initiatives aimed at a sustainable society. IKEA’s strategy “People & Planet Positive” for the year 2030 focuses on the following: “Healthy & Sustainable Living,” “Circular & Climate Positive,” and “Fairness & Equality.”

In the Business Keynote, IKEA’s representative spoke on these initiatives.

[Speaker]

Petra Färe, President CEO and CSO, IKEA Japan

Speaker : **Akiko Kato**, Country Communication manager, IKEA Japan





Port City Decarbonization

Port cities contribute to local economic revitalization and play a pivotal role in addressing the global challenge of climate change. In recent years, they have made significant efforts in transitioning to renewable energy, enhancing operational efficiency through digitization and automation, and creating green spaces.

However, building resilient and environmentally sustainable port cities requires greater financial investment in green technologies and infrastructure, supported by collaboration among governments, the private sector, and international organizations. In this session, major Asian port cities, including Yokohama, shared solutions and best practices for decarbonization and engaged in policy discussions.

[Introduction]

Joy Blessilda Sinay, Capacity Building & Training Economist, ADBI

[Moderator]

R. Duncan McIntosh, Senior Regional Maritime Specialist, ADB

[Panelists]

Elaine Tan, Director of Research, Centre for Livable Cities - Ministry of National Development, Singapore

Shri Mrityunjay Jha, Director (Coord- II) Ministry of Ports, Shipping & Waterways, India

H.C.J. Thilakarathne, Director Engineering, Colombo Port City Economic Commission, Sri Lanka

Yesim Elhan-Kayalar, Advisor, Office of the Chief Economist and Director General, Economic Research and Development Impact Department, ADB

Feirully Irzal, Head of Economic Division, Jakarta Regional Development Planning Agency

Osamu Hayashi, Executive Director of Policy Coordination Department, Port and Harbor Bureau, City of Yokohama



Key Points

- Showcased best practices and case studies from leading port cities, with a focus on integrating renewable energy, electrification, and digital technologies to reduce emissions and enhance operational efficiency.
- Shared innovative initiatives such as green shipping corridors, green hydrogen hubs, and smart port systems.
- Highlighted the importance as well of sustainable urban practices such as waste management, afforestation to enhance biodiversity, green building standards, and creating green spaces to ensure environmental improvement in port cities.
- Discussed the challenges in port city and the broader urban development, including heat island effect, air pollution, and high project costs vis-à-vis limited financing.
- Emphasized the need for financial support from national governments and international organizations, as well as private sector investment; and the establishment of international frameworks for technical exchange and financial cooperation.



JICA Session

In the Front Lines - Climate Solutions and Way Forward -

The perspective of Climate Solutions, including mitigation and adaptation measures for global warming, is essential for Asian cities in addressing urban challenges and promoting sustainable urban development. This session reflected on the role ODA has played in over 70 years of Japan's international cooperation. To serve as a starting point for collective action toward a sustainable green society, cities, businesses, government agencies, and JICA discussed challenges and solutions in advancing climate change initiatives.

[Moderator]

Makoto Kato, Member, Board of Directors Overseas Environmental Cooperation Center, Japan

[Speakers]

Takahiro Morita, Director General, Global Environmental Department, JICA

Kazunao Shibata, Deputy Director-General/Group Director for Environmental Management and Climate Change, Global Environmental Department, JICA

Patison Siho Fred, Climate Change Finance Readiness Adviser, Secretariat of the Pacific Regional Environment Programme (SPREP) / Pacific Climate Change Centre

Yoshiharu Yoneda, General Director, OSUMI VIET NAM Co., Ltd

Pham Thi Chin, Deputy head of Agency, Sea, Islands and Environment Agency Department of Natural Resource Environment, Da Nang City, Vietnam

Woranuch Suaykakaow, Deputy Director-General of Environment Department Bangkok Metropolitan Administration

Norio Tomioka, Executive Director of Global Networks Department, International Affairs Bureau, City of Yokohama



Key Points

- To balance addressing urban challenges with sustainable growth in the Asia-Pacific region, JICA introduced its efforts in climate change initiatives, including planning support and capacity-building programs in various countries.
- Cities and companies shared examples of decarbonization initiatives, inter-city cooperation projects, and the case of a Yokohama-based company working to reduce GHG emissions in Vietnam.
- It was confirmed that diverse stakeholders would share knowledge and technologies and collaborate toward achieving carbon neutrality by 2050.



Reverse Pitches by Asian cities/ Pitches by Japanese businesses -Business matching to solve urban issues-

Asian markets are experiencing remarkable economic growth. Although many Japanese companies are interested in this market, Asian cities are facing growing needs for urban problem solutions due to rapid urbanization and population concentration in urban areas.

Focusing on fields such as decarbonization, infrastructure and energy conservation, this session aimed to address solutions for common urban issues. Several Asian cities presented their own urban problems and Japanese companies offered solutions and ideas. In addition, the OECD analyzed Yokohama's decarbonization efforts in order to share experiences and knowledge with other cities, while promoting decarbonization.

[Moderator] Yu Shinagawa, CEO, An-Nahal Inc.

[Speaker] Tadashi Matsumoto, Head of Unit, National Urban Policy and Climate Resilience Cities, Urban Policies and Sustainable Development Division, Centre for Entrepreneurship, SMEs, Regions and Cities, OECD

Cities participating/presenting in the reverse pitch : City of San Fernando, La Union (Philippines) /
City of Mandaue (Philippines) / Phnom Penh City (Cambodia) /
City of San Carlos (Philippines) / Balikpapan City (Indonesia)

Businesses participating in the business pitch : Kyosan Electric Mfg.Co.,Ltd. / JFE Engineering Corporation /
Murata Manufacturing Co., Ltd. / Santomo Resources Corporation /
Kanadevia Corporation



The creation of decarbonization innovation through the use of next-generation energy

To achieve carbon neutrality, it is expected that energy conservation and the use of renewable energy will be promoted, as well as the utilization of next-generation energy sources such as hydrogen and the creation of new decarbonization innovations.

In the City of Yokohama, research, development and testing related to next-generation energies such as hydrogen, ammonia, and e-methane are being conducted mainly in the waterfront area, where energy-related industries, manufacturing, logistics, etc. are concentrated.

In the last fiscal year, the Yokohama Decarbonization Innovation Council was established. Consisting of a diverse range of local companies, organizations, and academic experts, it aims to promote collaboration in the research and development of advanced technologies that will contribute to the creation of demand for next-generation energies, the expansion of energy supplies and to decarbonization. In this session, Council member companies shared advanced technologies and knowledge.

[Moderator] Yuko Uchida, Representative, INNOVEDIA /Economic Journalist

[Speakers] Fuyuki Yagi, Deputy General Manager, Frontier Business Division, Chiyoda Corporation

Toru Takahashi, Manager of Innovative Methanation Technology Development Group, Hydrogen and Carbon Management Technology Strategy Department, TOKYO GAS CO.,LTD.

Isao Matsushita, Director of Carbon Neutral Project Promotion Division, Zero Carbon and GREEN×EXPO Promotion Bureau, City of Yokohama





Are EVs Really Practical - Thinking about Mobility 2030

The automotive industry is at a major turning point amid global efforts to decarbonize the industry. The development of electric vehicles (EVs) has expanded the range of options available, and the global EV penetration rate is increasing.

In Japan, the share of EV sales is growing, especially for personal cars, and there is also a need to expand the introduction of chargers, which are ancillary infrastructure. At the same time, commercial vehicles such as buses and trucks, which are used more for hard use than personal cars, have not been converted to EVs, and this poses a challenge for EV adoption in the mobility field as a whole.

In this session, we discussed the potential of EVs, including the latest trends in global mobility as well as corporate initiatives in the EV infrastructure field.

[Moderator]

Atsushi Kondo, Mobility Innovation Analyst, The Drivery Japan

[Speakers]

Yumi Kawabata, Journalist, Automotive and Environment

Masahiro Sasaki, Business Unit Head, GX Business Unit / Executive officer, GO Inc.



Presentation of Joint Proposal on Urban Challenges by University Students from Yokohama and Abroad: Resilience in Informal Settlements

Yokohama City University (YCU) has continuously participated in the Asia Smart City Conference. In this session, YCU students presented the results of their joint proposal on urban solution strategy with Southeast Asian universities, which was conducted at the IACSC (International Academic Consortium for Sustainable Cities) established by YCU in September 2009. This summer (2024), YCU students had collaborated with IACSC members: University of the Philippines, Universiti Sains Malaysia, and Hasanuddin University in Indonesia, to conduct a workshop at the University of the Philippines Diliman on the theme of building resilient and safe communities in informal settlements with high disaster risk. In this session, based on the outcomes of the workshop, participating students presented their insights and proposals on resilience in informal settlements for sustainable development and city growth.

[Moderators]

Masahiko Nakanishi, Professor, Graduate School of Urban Social and Cultural Studies, Yokohama City University / Leader of Urban Planning Unit, Global Cooperation Institute for Sustainable Cities

Marina Kitahara, Project Assistant Professor, Global Cooperation Institute for Sustainable Cities, Yokohama City University

[Speakers]

8 Students, Yokohama City University

[Reactors]

Takahiro Mizukami, Assistant Director, Team 2, Urban and Regional Development Group, Infrastructure Management Department, JICA

Takuya Akiba, Associate Expert, Team 2, Urban and Regional Development Group, Infrastructure Management Department, JICA





Designing an Urban Environment to Enhance Citizens' Well-Being

How urban and virtual spaces affect well-being is a topic of growing interest internationally. In this session, we discussed the role of public and cyber spaces in enhancing citizens' well-being, drawing on examples from Yokohama and South Korea.

In the era of big data, the importance of designing policies targeting "factors of well-being" based on well-being indicators was emphasized. Additionally, in today's digital age, it was proposed that integrating technologies such as the metaverse and social media into local infrastructure can maintain livability while fostering connections among diverse communities. This approach could also bridge urban-rural gaps, enabling equitable access to education and living environments.

Looking ahead, it was suggested that Japan and South Korea establish forums where young people can share common cultural experiences and engage in discussions. This would create opportunities for bilateral cooperation and contribute to a brighter, more collaborative future.

[Moderator]

Takehiko Nagumo, Representative Director, Smart City Institute Japan / Professor, Yokoyama City University

[Speakers]

Tomoyuki Miyazaki, Professor, Yokohama City University and Group head, Center for Promotion of Research and Industry-Academic Collaboration

Haruka Miki, Operations Officer, World Bank

Junghoon Lee, Professor, Yonsei University





Building Livable, Green, and Resilient Cities - Replicable and scalable solutions from Abroad -

Cities concentrate approximately half of the world’s population and account for about 70% of greenhouse gas emissions. Therefore, it is vital for cities to be at the forefront of addressing global challenges. This session invited city leaders and urban practitioners from Indonesia, Uzbekistan, and Pakistan to present global case examples of pursuing green and resilient cities. Key topics such as policy instruments and initiatives needed to promote livability, sustainability, and resilience, as well as the challenges of implementation were discussed.

[Moderators]

Christopher Pablo, Senior Urban Specialist and Team Lead of the World Bank Tokyo Development Learning Center
Shoko Tawara, Program Officer of the World Bank Tokyo Development Learning Center

[Speakers]

Angelica Nunez, Manager of the Global Programs Unit in the Urban, Resilience, and Land Global Department of the World Bank
Hadianto Rasyid, Mayor of Palu City, INDONESIA
Temur Ibragimov, Deputy Head of the Analytical Center “Raqamli Poytaxt” (Digital Capital), Tashkent City, UZBEKISTAN
Nurmukhammad Khoshimov, Head of Division in the Department of Investment, Industry and Trade of the Samarkand region, UZBEKISTAN
Saba Asghar Ali, Chief Environment and Climate Change at Planning and Development Board, Government of the Punjab, PAKISTAN



Key Points

- Successful examples of sustainable urban development were shared, focusing on decarbonization, resilience, renewable energy, digital technology, and citizen participation.
- Highlights included resilient urban recovery in Palu City, digital-driven urban improvements in Tashkent, green infrastructure development in Samarkand, and one of the world’s largest afforestation projects in Punjab.
- Climate change and rapid urbanization were identified as common challenges, emphasizing the need for cross-border dialogue and cooperation.
- Discussions focused particularly on the costs of digital technologies and the implementation of citizen-led urban management.



CityNet SDGs Cluster Seminar 2024 Synergies of SDGs and Climate Action - Through the Network of CityNet -

As the 2030 target year for achieving the SDG approaches, the global progress, particularly on “Goal 13: Take urgent action to combat climate change and its impacts”, is found to be lagging behind. This goal is vital and interconnected with other goals, requiring international cooperation. Local governments play a crucial role in combating climate change by promoting their efforts in the SDGs and climate initiatives. This seminar aims to strengthen city-to-city networks through presentations and knowledge sharing from CityNet members, including City of Yokohama, and related international organizations, followed by discussions on the synergies between SDGs localization and climate action to promote further efforts in SDGs and climate action in Asia-Pacific region.

Organizers: City of Yokohama, International Affairs Bureau, CityNet Yokohama Project Office

[Opening Remarks]

Hirota Sato, Deputy Mayor of Yokohama

Maimunah Mohd Sharif, Mayor of Kuala Lumpur

[Keynote Speech]

“Towards a Just Transition: Synergies and co-benefits for SDG localization and subnational climate action”

Omar Siddique, Lead, City Climate Action and SDGs Localization, Sustainable Urban Development Section, ESCAP

[Moderator]

Junichi Fujino, Affiliation Principal Researcher/Programme Director of Integrated Sustainability Centre, IGES

[Speakers]

Tadahiro Saegusa, Director General of the International Affairs Bureau, City of Yokohama

Arang Ma, Manager of Evaluation, Planning and Coordination Department, SMG

Mohd Azlan Shah bin Abdullah, Deputy Director, Urban Transport Department, Kuala Lumpur City Hall

Neha, Senior Project Officer, AILSG

Nadeeka Amarasinghe, Director (Urban Planning), HELP-O

[Panelists]

Chris DiGennaro, Senior Program Officer, CityNet Secretariat

Donna R. Tabangin, City Planning and Development Coordinator, City of Baguio

*Speakers from ESCAP, SDGs Cluster Leads (such as Yokohama, Seoul, and Kuala Lumpur) also joined the discussion.

[Closing Session]

Rumi Kurita, Head of Office, CityNet Yokohama Project Office



Key Points

- In the Keynote Speech, Mr. Omar put the importance on strengthening the synergies between SDG localization and climate action at the local level as well as the importance of Voluntary Local Review (VLR) as a useful tool to promote the synergies.
- In the Initiatives Presentation by the SDGs Cluster Leads/Co Leads, each member introduced their initiatives related to the SDGs and climate action.
- In the panel discussion, the panelists engaged in fruitful discussion about the synergies between SDGs localization and climate action, as well as further promotion of these efforts in the Asia-Pacific region. The discussion emphasized the three points: 1) the crucial role of strong local government leadership, 2) the engagement of relevant stakeholders including private sectors, youth groups, and other local governments, and 3) mutual learning and knowledge sharing, which is one of CityNet’s Urban SDGs Knowledge Platform initiatives, for the further promotion of the synergies between the SDGs and climate action.
- *VLR (Voluntary Local Review) : An international initiative in which local governments voluntarily review their own efforts toward the SDGs and publish the results in a report that can be compared with other local governments.



Closing Session Leading the Way to a Green Future - Role of the Asian Smart City Conference -

In the presence of 39 global cities and institutions, "ASCC2024 Yokohama Declaration" was declared by Mayor Yamanaka to summarize the conference. The declaration emphasized three key points crucial for achieving a green society in Asia: "the vital role of cities in addressing climate change," "strengthening inter-city collaboration," and "showcasing Asia's leadership to the world."

Mayor Yamanaka highlighted that ASCC serves as an opportunity to share practices, insights, and visions related to sustainable development and to strengthen and deepen collaboration with Asian cities. The conference concluded with the hope that its discussions would contribute to the success of GREEN × EXPO 2027.

[Speakers]

Takeharu Yamanaka, Mayor, City of Yokohama
Kentaro Asahi, Parliamentary Vice-Minister of the Environment, Japan

[Video Message]

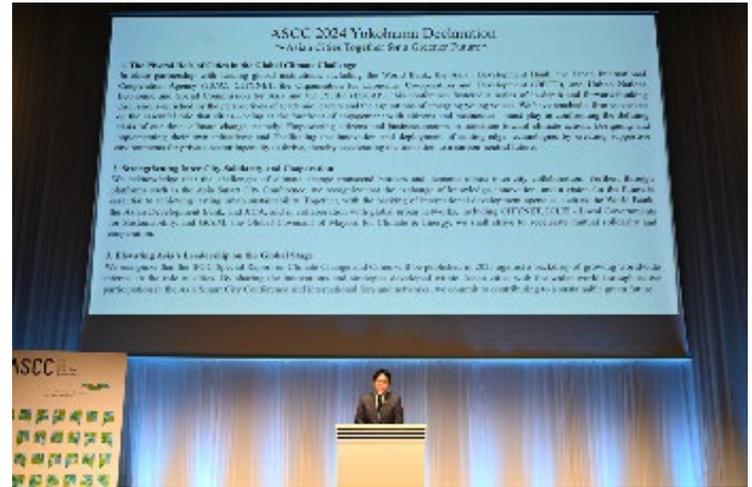
Yoshiki Takeuchi, Deputy Secretary-General OECD

[Moderator]

Christopher Pablo, Senior Urban Specialist and TDLC Team Lead World Bank

[Speakers]

Raymond Alvin Garcia, Mayor, City of Cebu
Yumiko Tamura, Representative of ADB Japanese Representative Office





Special keynote

The future of alignment between the brain, Artificial Intelligence, and the global environment

In order to take advantage of AI to carve a bright future for humankind, consideration for the global environment, including energy issues, is essential. We considered the future of alignment (harmony) between human wellbeing and technology.

[Speaker] Kenichiro Mogi, Neuroscientist



From Yokohama:

The Possibilities of Semiconductor Open Innovation

Semiconductors are indispensable for the achievement of a decarbonized society. This session will discuss the current and future prospects for open innovation in the broad-based semiconductor industry, including global trends in research and development, as well as visions for projects and consortiums promoted by leading companies in the industry.

Advances in smart cities, AI, and other technologies are expected to lead to a significant increase in the amount of data traffic and enormous power consumption worldwide. In order to reduce power consumption and further develop digital technology, innovation in semiconductor miniaturization and high lamination technology is indispensable.

In this session, companies and universities promoting cutting-edge research and development in the semiconductor industry introduced newly started projects and ongoing consortium efforts. They talked about the possibilities of open innovation and the future of the semiconductor industry.

[Moderator]

Fumihiko Inoue, Associate Professor, Yokohama National University / Vice-Director, Semiconductor and Quantum Integrated Electronics Research Center

[Speakers]

Takashi Kariya, Samsung Device Solutions R&D Japan, Advanced Package Lab, Corporate Vice President / Head of Lab / Ph. D, Samsung Japan Corporation

Takatoshi Ikeuchi, Director of Electronics R&D Center, Resonac Corporation





Yokohama's potential as Asia's circular economy hub

The Minato Mirai 21 district and its surrounding areas are home to large corporate R&D and startups, international organizations, universities, and their satellite bases, and efforts to generate innovation are progressing.

On the other hand, in Yokohama, which has a population of approximately 3.37 million people, it is essential for residents to decarbonize and become circular. How can we make Yokohama a circular city that Asia can be proud of?

In this session, people who have been working on decarbonization and circularity explored the possibilities of Yokohama.

[Moderator]

Yu Kato, Founder and CEO, Harch Inc.

[Speakers]

Yoshimi Seki, CEO, StockBase Inc.

Stéfan Le Dû, European Business Council



AFRICA BUSINESS SESSION

Business with Africa: current and future potential

A lecture and panel discussion was held on the current status and future possibilities for Japanese companies in Africa. Speakers shared insights from companies and others active on the frontlines of African business, including their motivations for expanding into Africa, solutions to local issues, methods for building networks and relationships of trust, and initiatives for scaling up their business operations.

About 30 businesspersons from 12 African countries joined, and in addition to participating in the African business session, they networked with companies in the booth exhibit area.

*Ministry of Foreign Affairs of Japan “TICAD9 Partner Program”

[Moderator]

Takamasa Sato, Secretary General, JETRO / Japan Business Council for Africa

[Speaker]

Kazuko Nagura, Director, Africa Office, Ministry of Economy, Trade and Industry

[Panelists]

Kaori Fujita, Director, HINODE SANGYO CO.,LTD

Kenta Oomori, Co-founder / COO, STANDAGE Inc.

Taishi Suzuki, Executive Officer, Director of Business Development Division, KAIHO INDUSTRY CO., LTD.





Youth session (Yokohama Future Generations Platform × IFAD Youth Club) Our Future is Here -Facing Climate Change Together-

From the perspective of world peace and safety, climate change and food crisis are increasingly serious threats. In order to overcome this pressing crisis and implement a sustainable future, the ideas and sensibility of innovative young people, as well as multilevel collaboration and cooperation are needed. Taking the opportunity of the opening of GREEN × EXPO 2027, in this youth led session we searched for the optimal solution to sustain nature, people, and society together. The participants were young people from the “Yokohama Future Generations Platform”, launched as a platform for triggering action, and the “IFAD Youth Club”, launched with the purpose of aiming at a sustainable agriculture and food system, in resonance with the mission of the U.N. specialized agency International Fund for Agricultural Development (IFAD). Young participants shared knowledge and ideas aimed at a local and global future and activities which make the best use of their sensibility, discussing about the implementation of a sustainable future through the cooperation with multi-stakeholders.

[Moderator]

Masaki Kawai, Representative Director and CEO, UNERI inc. / Yokohama Future Generations Platform Mentor

[Speakers]

Masashi Nishio, Yokohama Future Generations Platform

Ryosuke Wakasa, Yokohama Future Generations Platform

Kotoha Nagata, IFAD Youth Club

Michiru Fujino, IFAD Youth Club

Maoko Utagawa, IFAD Youth Club



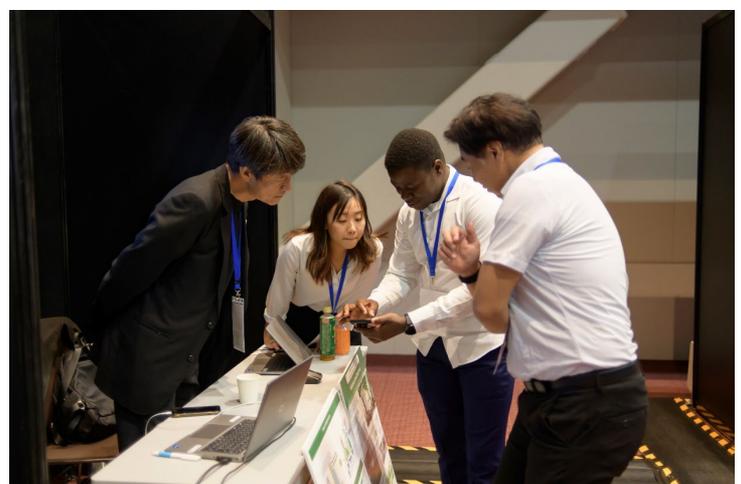
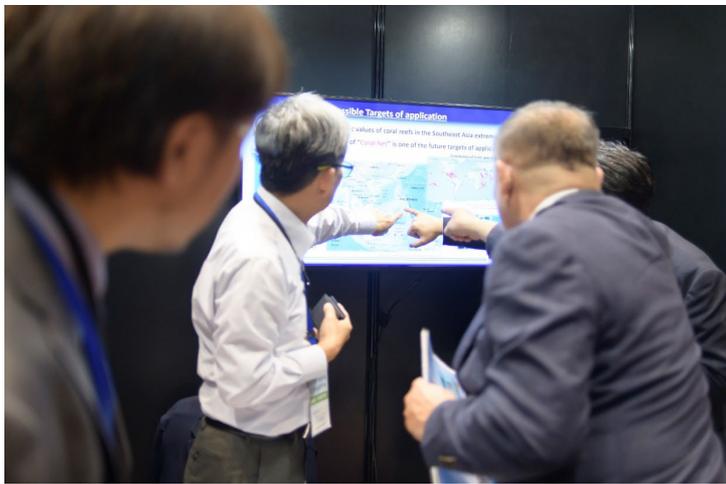
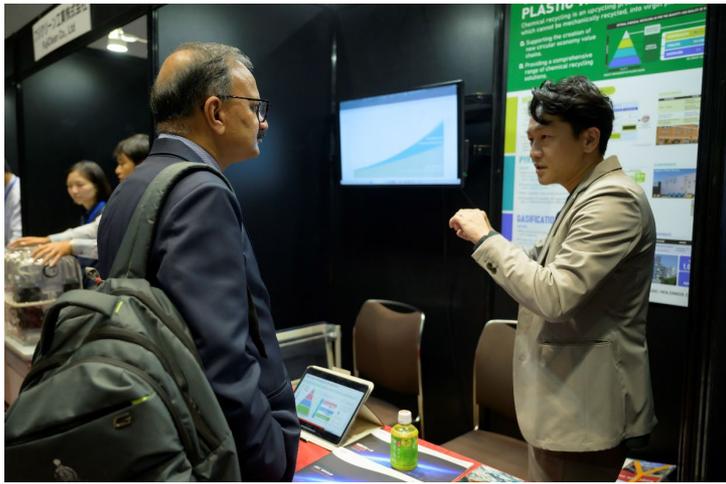
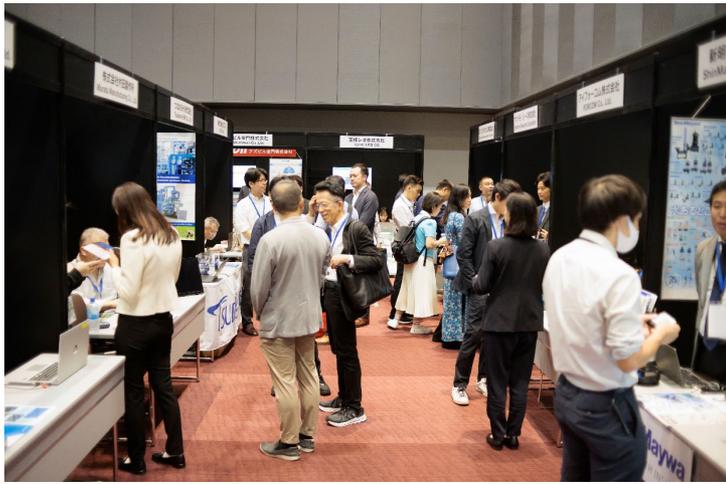


Exhibition booths

Setting up 46 booths to showcase decarbonization solutions for businesses having green tech, cutting-edge techniques, solutions for urban issues, and innovation as the main themes. Together with business and organizations, we presented advanced technologies and solutions for realizing a sustainable green society. The venue also had space for business meetings and networking.



R2 Co.,LTD / iFORCOM Co., Ltd. / Azbil Kimmon Co.,Ltd. / ASSEMBLEPOINT INC. / Algal Bio Co., Ltd. / WHILL inc. / e6s Corporation / NJS Co., Ltd. / Enpower Japan Corp. / Odesa IT Family / Opero Inc. / KAJIMA CORPORATION / Kanadevia Corporation / Kaman, Inc. / kitafuku, inc. / Kyosan Electric Mfg.Co.,Ltd. / Kirin Holdings Company, Limited / clivia nobilis co.ltd / GREEN×EXPO 2027 (International Horticultural Expo 2027, Yokohama, Japan) / GO Inc. / International Tropical Timber Organization (ITTO) / International Fund for Agricultural Development (IFAD) / Harch Inc. / Sansei Corporation / Santomo Resources Corporation / CM Plus Corporation / JFE Engineering Corporation / Shinaienergy Inc. / ShinMaywa Industries, Ltd. / City of Yokohama, host city for TICAD9 / Tsubame BHB Co., Ltd. / DCTA Inc. / TBM Co., Ltd. / TOKYO KEIKI INC. / Toshiba Infrastructure Systems and Solutions Corporation / TOHO LEO CO / JGC Holdings Corporation / Nihon Genryo Co., Ltd. / MIKUNIYA Corporation / BIOTECHWORKS-H2 Co.,Ltd. / Finetech.co.,ltd / FujiClean Co., Ltd. / Murata Manufacturing Co., Ltd. / Yachiyo Engineering Co., Ltd. / Yokohama Water Co.,Ltd. / LOOVIC Inc.





Business networking

Various stakeholders, including overseas cities, domestic and foreign companies, and students, actively engaged in networking in the exhibit area, where 46 booths were set up, and in the networking area. There were more than 1,100 business exchanges between overseas cities and domestic companies, including approximately 220 individual consultations



Attraction

DIVE IN UKIYO-E![®], a digital photo spot experience, allowed visitors to become part of the video through digital technology while enjoying Japanese culture. Videos were generated with impressive ukiyo-e images and beautiful ukiyo-e motifs for visitors to enjoy on their smart phones.

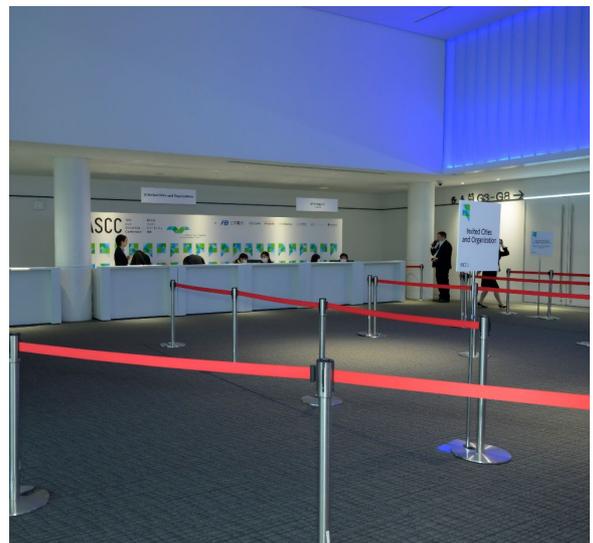
In the VR exhibition room for CITYNET SDGs Youth Activity![®], artworks of students from Minatomirai honcho Elementary School in Yokohama City and Ulaanbaatar School No. 23 in Mongolia related to the SDGs were exhibited as part of the exchanges that have been held since 2022.





Venue decoration

Following the conference's theme of "decarbonization," sustainable decorations were used, which included used plastics and paper packaging, as well as unsold floral arrangements that would have been thrown out. The Blue Stage was decorated to resemble a beautiful ocean, and the Green Stage featured vibrant greens to symbolize nature.





Pre-Conference Event

-Site Visit of

Urban Infrastructure Facilities-



Pre-Conference Event - Site Visit of Urban Infrastructure Facilities -

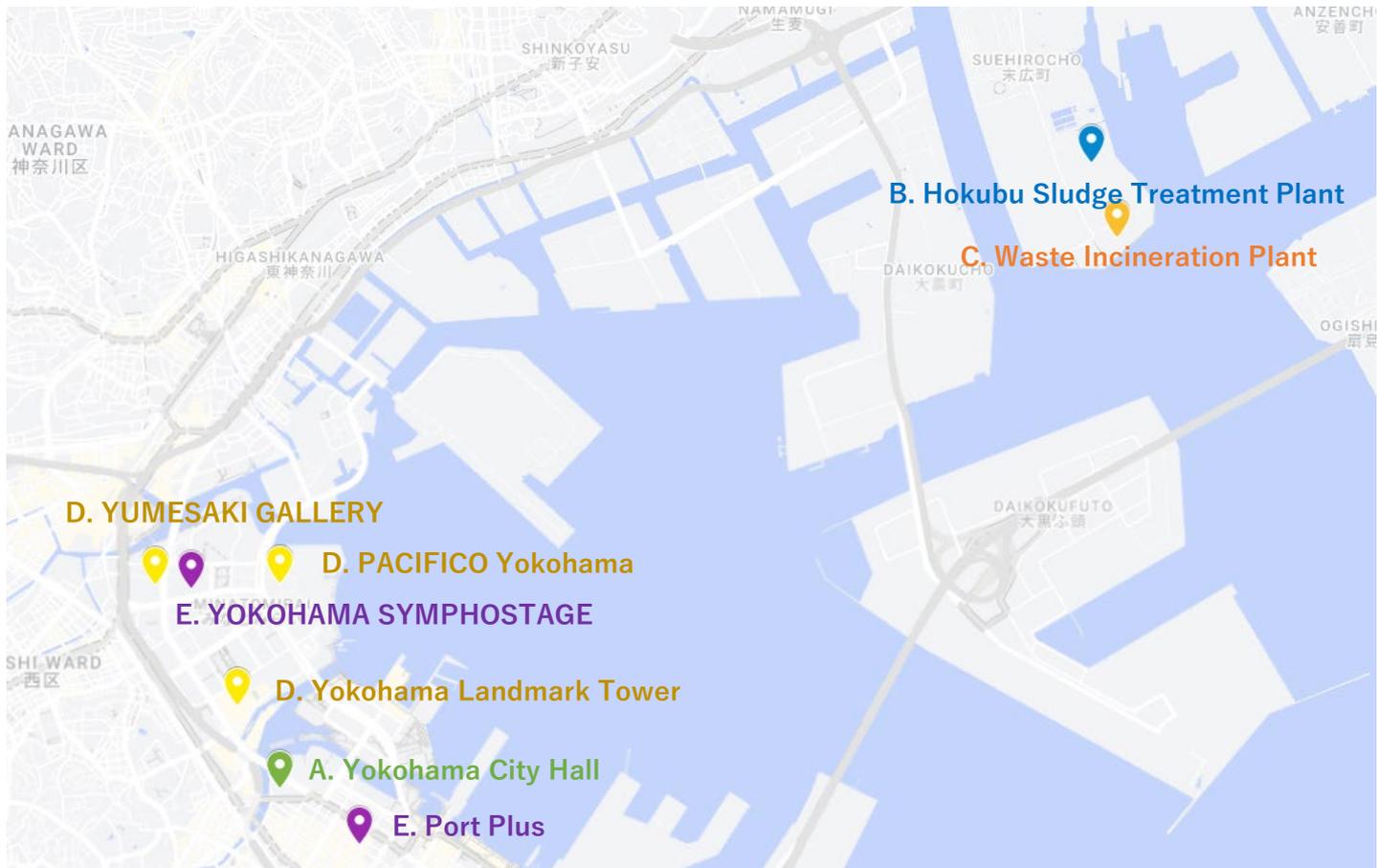
Site visit tour of urban infrastructure facilities in Yokohama was conducted for invited cities and organizations. There were five tours as listed in the table below, with 75 participants from 13 countries. Tours focused on facilities leading Yokohama City's advanced decarbonization efforts, including initiatives such as advanced business district of Minato Mirai 21 (MM21), recognized as a "Decarbonization Leading Area" by the Ministry of the Environment, the cutting-edge water circulation technologies and sludge recycling facility that utilizes circular-oriented technologies.

<p>Tour A Promotion of Green Energy</p>	<p>[Yokohama City Hall] The City of Yokohama opened its new city hall in 2020 with a concept of Zero-Energy Building (ZEB) that exhibits the highest level of energy saving performance and promotes local consumption of renewable energy. Certified as ZEB Ready.</p>
<p>Tour B Advanced Technology of Water Circulation</p>	<p>[Hokubu Sludge Treatment Plant] Sewage sludge from the Water Reclamation Center is processed, and the resulting digestion gas, incineration ash, and fuel materials are utilized to foster a circular society.</p>
<p>Tour C CCU Pilot Project through Regional Collaboration</p>	<p>[Waste Incineration Plant] Demonstration experiment of "methanation," which separates and captures carbon dioxide (CO₂) from exhaust gases produced by waste incineration, and produces methane, a raw material for city gas. Joint demonstration with City of Yokohama, Tokyo Gas, and Mitsubishi Heavy Industries Group. *CCU - Carbon dioxide Capture, Utilization</p>
<p>Tour D Decarbonization Model through PPP</p>	<p>[PACIFICO Yokohama North] One of the largest MICE facility recycling all on-site waste and supplying waste-generated electricity to nearby areas, fostering a circular eco-system. [YUMESAKI GALLERY] A digital experience gallery provided by LG, designed as activity floor incorporating entertainment elements to enhance urban vibrancy, allowing visitors to engage through sound and light. [Yokohama Landmark Tower] Highest building in Yokohama that adopts renewable energy sources and promotes waste recycling and wastewater reuse.</p>
<p>Tour E Private Sector Contribution to Carbon Neutral Society</p>	<p>[YOKOHAMA SYMPHOSTAGE] A next-generation building with eco-friendly technologies, reducing energy use while ensuring a comfortable office environment. [Port Plus] Japan's first high-rise fire-resistant wooden building, serving as Obayashi Corporation's training center. It contributes to a decarbonized society and promotes sustainable development through expanded use of timber.</p>

Prior to the site visits, an orientation session was held at the Y-PORT Center Office GALERIO, which included an overview of each course. For participants of the Tour A, D, and E, it also covered the history of the Minato Mirai district and its decarbonization initiatives.



■ The 13th ASCC: Location of Site Visit Tour on Oct. 22



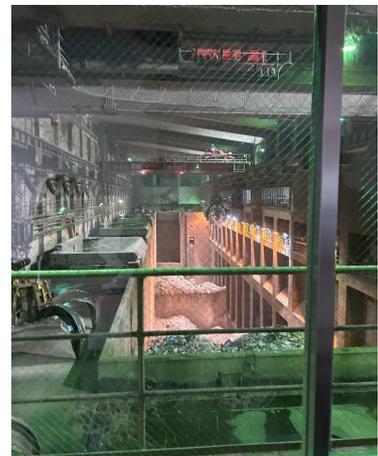
A. Promotion of Green Energy
Yokohama City Hall



B. Advanced Technology of Water Circulation
Hokubu Sludge Treatment Plant



C. CCU Pilot Project through Regional Collaboration
Waste Incineration Plant



D. Decarbonization Model through PPP
PACIFICO Yokohama North ·
YUMESAKI GALLERY · Landmark Tower



E. Private Sector Contribution to Carbon Neutral Society
YOKOHAMA SYMPHOSTAGE · Port Plus



Tour A Promotion of Green Energy

Yokohama City Hall

The delegation visited Yokohama City Hall, which was built with the concept of a Zero Energy Building (ZEB) to promote the highest level of energy-saving performance and local production and consumption of renewable energy within MM21 district. The previous city hall, built approximately 60 years ago, faced urgent issues, including aging facilities, insufficient office space, and the need to strengthen crisis management functions. The new city hall was designed to address these challenges while enhancing environmental performance.

Participants observed advanced environmental technologies, including double-skin curtain walls, natural ventilation windows, and eco-voids, alongside electrical systems such as fuel cells and solar power facilities that supply energy for the building. Additionally, a hybrid seismic isolation system, combining seismic isolation and motion control devices, was introduced as a key Business Continuity Plan (BCP) measure, ensuring operational stability during disasters.





Tour B Advanced Technology of Water Circulation

Hokubu Sludge Treatment Plant

Participants visited the Hokubu Sludge Treatment Plant in Tsurumi Ward. At the center, they observed facilities contribute to the development of a circular society by processing sewage sludge from the water reclamation center and effectively utilizing the resulting digestion gas, incineration ash, and fuel materials. Participants learned about the sludge resource recovery process through both lectures and on-site facility tours. The visit concluded with a discussion addressing various questions from participants about the equipment and technologies used.

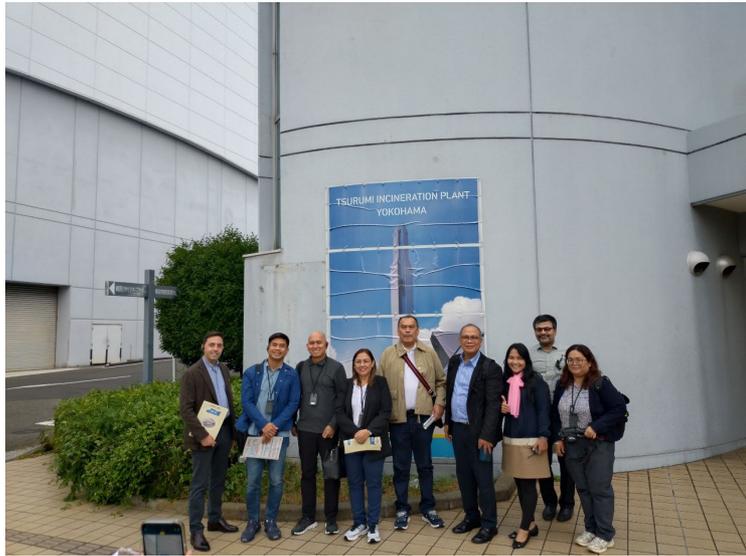




Tour C CCU Pilot Project through Regional Collaboration

Waste Incineration Plant

A demonstration project for "methanation," which captures CO₂ from waste incineration flue gases to produce methane for city gas, has introduced. This project is being carried out as a joint demonstration under regional collaboration between the City of Yokohama, Tokyo Gas, and the Mitsubishi Heavy Industries Group. After receiving detailed explanations from representatives of each organization, participants toured the facility. Participants showed strong interest, raising questions about food waste incineration challenges and implementation costs.





Tour D Decarbonization Model through PPP

This tour aimed to showcase the development of Minato Mirai 21 and its concept-driven urban planning. It included visits to PACIFICO Yokohama North, YUMESAKI GALLERY, and Yokohama Landmark Tower, where participants learned decarbonization efforts through public-private collaboration via site tours and lectures.

PACIFICO Yokohama North

Participants learned about the on-site waste recycling system. At PACIFICO Yokohama North, electricity generated from waste is supplied to neighboring areas, fostering a circular eco-system.



YUMESAKI GALLERY

Participants visited the YUMESAKI GALLERY inside the LG Yokohama Innovation Center, a common space connected to the sidewalk that contributes to creating a vibrant urban atmosphere. The tour included exploring this interactive facility as activity floor designed to enhance community engagement.



Yokohama Landmark Tower

An explanation about the history of the Minato Mirai 21 district and Yokohama Port, as well as recent developments in the area was provided. The tour concluded with a panoramic view of the Minato Mirai 21 district from the observation deck, summarizing the day's learning experience.





Tour E

Private Sector Contribution to Carbon Neutral Society

The tour highlighted private-sector contributions to decarbonization in the Minato Mirai 21 district, a "Decarbonization Leading Area." Participants visited YOKOHAMA SYMPHOSTAGE and Port Plus, featuring advanced mixed-use commercial facility and Japan's first high-rise fire-resistant wooden building.

YOKOHAMA SYMPHOSTAGE

This next-generation mixed-use building aims to create a comfortable office environment through advanced green technologies and user-focused facility planning. Participants learned about its architectural design and technologies that reduce energy consumption while ensuring a comfortable workspace.



Port Plus

Port Plus, OBAYASHI CORPORATION's training facility, is Japan's first high-rise fire-resistant wooden building. Explanation of its practical efforts to contribute to a decarbonized society through timber utilization and to promote sustainability by expanding the use of timber was provided. After the lecture, participants toured the building interior.





Outcome Document and Key Participant Information



ASCC2024

Yokohama Declaration

~Asian Cities Together for a Greener Future~

October 24, 2024

On October 23 and 24, 2024, the 13th Asia Smart City Conference convened in Yokohama, Japan, under the unifying theme of "*Asian Cities Together for a Greener Future.*"

1. The Pivotal Role of Cities in the Global Climate Challenge

In close partnership with leading global institutions, including the World Bank, the Asian Development Bank, the Japan International Cooperation Agency (JICA), CITYNET, the Organisation for Economic Co-operation and Development (OECD), and United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), this conference fostered a series of in-depth and forward-thinking discussions enriched by the perspectives of academic leaders and the aspirations of emerging young voices. We have reached a firm consensus on the essential role that cities—being at the forefront of engagement with citizens and businesses—must play in confronting the defining crisis of our time: climate change, namely; Empowering citizens and business sectors in transition toward climate action; Designing and implementing their own initiatives; and Facilitating the innovation and deployment of cutting-edge technologies by creating supportive environments for private-sector ingenuity to thrive, thereby accelerating the transition to a carbon-neutral future.

2. Strengthening Inter-City Solidarity and Cooperation

We acknowledge that the challenges of climate change transcend borders and demand robust inter-city collaboration. Further, through platforms such as the Asia Smart City Conference, we recognize that the exchange of knowledge, innovation, and a vision for the future is essential to achieving lasting urban sustainability. Together, with the backing of international development agencies such as the World Bank, the Asian Development Bank, and JICA, and in collaboration with global urban networks, including CITYNET, ICLEI - Local Governments for Sustainability, and GCoM, the Global Covenant of Mayors for Climate & Energy, we shall strive to accelerate mutual solidarity and cooperation.

3. Elevating Asia's Leadership on the Global Stage

We recognize that the IPCC Special Report on Climate Change and Cities will be published in 2027 against a backdrop of growing worldwide interest in the role of cities. By sharing the innovations and strategies developed within Asian cities with the wider world through active participation in the Asia Smart City Conference and international fora and networks, we commit to contributing to a sustainable green future.



Participating Cities and Organizations

Cambodia

Phnom Penh City

India

Ministry of Housing and Urban Affairs

Ministry of Ports, Shipping and Waterways

Indonesia

Ministry of National Development Planning

Special Capital Region of Jakarta

South Sulawesi Province

Balikpapan City

Palu City

Malaysia

Kuala Lumpur

Nepal

Tilottama Municipality

Pakistan

Government of Punjab

Punjab Affordable Housing Program

Punjab Municipal Development Fund

Company

Philippines

Tourism Infrastructure and Enterprise Zone

Authority

City of Baguio

City of Balanga

City of Bogo

City of Borongan

City of Butuan

City of Cabadbaran

City of Calamba

City of Cebu

City of Danao

City of Mandaue

City of Pasay

City of Quezon

City of San Carlos

City of San Fernando, La Union

City of San Fernando, Pampanga

City of Santa Rosa

Singapore

Centre for Liveable Cities,

Ministry of National Development

South Korea

Seoul Metropolitan Government

Sri Lanka

Colombo Port City Economic Commission

Thailand

Bangkok Metropolitan Administration

Uzbekistan

Ministry of Economy and Finance

Samarkand Regional Government

Tashkent City Administration

Vietnam

Da Nang Department of Natural

Resource and Environment

People's Committee of Ha Tinh City

(Alphabetic order)



List of Participating Countries

■ 46 Countries (alphabetic order)

- | | | |
|---------------|-------------|--------------------------|
| Azerbaijan | Malawi | Tadzhikistan |
| Bangladesh | Malaysia | Tanzania |
| Benin | Mali | Thailand |
| Cambodia | Mauritania | Turkey |
| Cameroon | Myanmar | Uganda |
| China | Nepal | Ukraine |
| Cote d'Ivoire | Niger | United Kingdom |
| Egypt | Nigeria | United States of America |
| Ethiopia | Pakistan | Uzbekistan |
| France | Philippines | Vanuatu |
| Ghana | Rwanda | Vietnam |
| Guinea | Samoa | Zambia |
| India | Senegal | |
| Indonesia | Singapore | |
| Iran | South Korea | |
| Kenya | Sri Lanka | |
| Lithuania | Sudan | |





List of Speakers (titles omitted)

DAY 1 October 23 (Wed) BLUE STAGE

Opening session

Role	Name	Affiliation
Moderator	Takeharu Yamanaka	Mayor, City of Yokohama
Speaker	Angelica Nunez	Practice Manager, Urban, Resilience, and Land Global Practice, World Bank
Speaker	Ramesh Subramaniam	Director General and Group Chief, Sectors Group, Asian Development Bank (ADB)



GREEN × EXPO 2027 session ~Aiming at the achievement of “Scenery of the Future for Happiness”~

Role	Name	Affiliation
Opening Speaker	Kazuhiro Kiyose	Executive Director, Planning and Coordinating Department Japan Association for the International Horticultural Expo 2027, Yokohama
Speaker	Mana Saza	Founder, SWiTCH Association and Sustainability
Speaker	Toru Takeda	Senior Executive Officer, Mitsubishi Estate Co., Ltd.
Speaker	Shizuka Hashimoto	Professor, Graduate School of Agricultural and Life Sciences, The University of Tokyo



Business keynote

Role	Name	Affiliation
Speaker	Petra Färe	President CEO and CSO, IKEA Japan



※Speaker : **Akiko Kato** / Country Communication manager, IKEA Japan

Port City Decarbonization

Role	Name	Capacity Building & Training Economist, ADBI
Introduction	Joy Blessilda Sinay	Capacity Building & Training Economist, ADBI
Moderator	R. Duncan McIntosh	Senior Regional Maritime Specialist, ADB
Panelist	Elaine Tan	Director of Research, Centre for Livable Cities - Ministry of National Development, Singapore
Panelist	Shri Mrityunjay Jha	Director (Coord- II) Ministry of Ports, Shipping & Waterways, India
Panelist	H.C.J. Thilakarathne	Director Engineering, Colombo Port City Economic Commission, Sri Lanka
Panelist	Yesim Elhan-Kayalar	Advisor, Office of the Chief Economist and Director General, Economic Research and Development Impact Department, ADB
Panelist	Feirully Irzal	Head of Economic Division, Jakarta Regional Development Planning Agency
Panelist	Yasuhiro Shimbo	Director General, Port and Harbor Bureau, City of Yokohama



JICA Session In the Front Lines -Climate Solutions and Way Forward-

Role	Name	Affiliation
Moderator	Makoto Kato	Capacity Building & Training Economist, ADBI Member, Board of Directors Overseas Environmental Cooperation Center, Japan
Speaker	Takahiro Morita	Director General, Global Environmental Department, JICA
Speaker	Kazunao Shibata	Deputy Director-General/Group Director for Environmental Management and Climate Change, Global Environmental Department, JICA
Speaker	Patison Siho Fred	Climate Change Finance Readiness Adviser, Secretariat of the Pacific Regional Environment Programme (SPREP) / Pacific Climate Change Centre
Speaker	Yoshiharu Yoneda	General Director, OSUMI VIET NAM Co., Ltd
Speaker	Pham Thi Chin	Deputy head of Agency, Sea, Islands and Environment Agency Department of Natural Resource Environment, Da Nang City, Vietnam
Speaker	Woranuch Suaykakaow	Deputy Director-General of Environment Department Bangkok Metropolitan Administration
Speaker	Norio Tomioka	Executive Director of Global Networks Department, International Affairs Bureau, City of Yokohama



DAY 1 October 23 (Wed) GREEN STAGE

Reverse Pitches by Asian cities / Pitches by Japanese businesses -Business matching to solve urban issues-

Role	Name	Affiliation
Moderator	Yu Shinagawa	CEO, An-Nahal Inc.
Speaker	Tadashi Matsumoto	Head of Unit, National Urban Policy and Climate Resilience Cities, Urban Policies and Sustainable Development Division, Centre for Entrepreneurship, SMEs, Regions and Cities, OECD



【Cities participating/presenting in the reverse pitch】
City of San Fernando, La Union (Philippines) / **City of Mandaue** (Philippines) /
Phnom Penh City (Cambodia) / **City of San Carlos** (Philippines) / **Balikpapan City** (Indonesia)
 【Businesses participating in the business pitch】
Kyosan Electric Mfg.Co.,Ltd. / **JFE Engineering Corporation** / **Murata Manufacturing Co., Ltd.** /
Santomo Resources Corporation / **Kanadevia Corporation**

The creation of decarbonization innovation through the use of next-generation energy

Role	Name	Affiliation
Moderator	Yuko Uchida	Representative, INNOVEDIA /Economic Journalist
Speaker	Fuyuki Yagi	Deputy General Manager, Frontier Business Division, Chiyoda Corporation
Speaker	Toru Takahashi	Manager of Innovative Methanation Technology Development Group, Hydrogen and Carbon Management Technology Strategy Department, TOKYO GAS CO.,LTD.
Speaker	Isao Matsushita	Director of Carbon Neutral Project Promotion Division, Zero Carbon and GREEN×EXPO Promotion Bureau, City of Yokohama



Are EVs Really Practical - Thinking about Mobility 2030

Role	Name	Affiliation
Moderator	Atsushi Kondo	Mobility Innovation Analyst, The Drivery Japan
Speaker	Yumi Kawabata	Journalist, Automotive and Environment
Speaker	Masahiro Sasaki	Business Unit Head, GX Business Unit / Executive officer, GO Inc.



Presentation of Joint Proposal on Urban Challenges by University Students from Yokohama and Abroad : Resilience in Informal Settlements

Role	Name	Affiliation
Moderator	Masahiko Nakanishi.	Professor, Graduate School of Urban Social and Cultural Studies, Yokohama City University / Leader of Urban Planning Unit, Global Cooperation Institute for Sustainable Cities
Moderator	Marina Kitahara	Project Assistant Professor, Global Cooperation Institute for Sustainable Cities, Yokohama City University
Reactor	Takahiro Mizukami	Assistant Director, Team 2, Urban and Regional Development Group, Infrastructure Management Department, JICA
Reactor	Takuya Akiba	Associate Expert, Team 2, Urban and Regional Development Group, Infrastructure Management Department, JICA
Speakers	8 students	Yokohama City University



Designing an Urban Environment to Enhance Citizens' Well-Being

Role	Name	Affiliation
Moderator	Takehiko Nagumo	Representative Director, Smart City Institute Japan / Professor, Yokoyama City University
Speaker	Tomoyuki Miyazaki	Professor, Yokohama City University and Group head, Center for Promotion of Research and Industry-Academic Collaboration
Speaker	Haruka Miki	Operations Officer, World Bank
Speaker	Junghoon Lee	Professor, Yonsei University



DAY 2 October 24 (Thu) BLUE STAGE

Building Livable, Green, and Resilient Cities ~ Replicable and scalable solutions from Abroad ~

Role	Name	Affiliation
Moderator	Christopher Pablo	Senior Urban Specialist and Team Lead, World Bank Tokyo Development Learning Center
Moderator	Shoko Tawara	Program Officer, World Bank Tokyo Development Learning Center
Speaker	Angelica Nunez	Manager of the Global Programs Unit in the Urban, Resilience, and Land Global Department, World Bank
Speaker	Hadianto Rasyid	Mayor of Palu City, INDONESIA
Speaker	Temur Ibragimov	Deputy Head of the Analytical Center "Raqamli Poytaxt" (Digital Capital), Tashkent City, UZBEKISTAN
Speaker	Nurmukhammad Khoshimov	Head of Division in the Department of Investment, Industry and Trade of the Samarkand region, UZBEKISTAN
Speaker	Saba Asghar Ali	Chief Environment and Climate Change at Planning and Development Board, Government of the Punjab, PAKISTAN



CityNet SDGs Cluster Seminar 2024 Synergies of SDGs and Climate Action – Through the Network of CityNet -

Role	Name	Affiliation
Opening Remarks	Hirota Sato	Deputy Mayor of Yokohama
Opening Remarks	Maimunah Mohd Sharif	Mayor of Kuala Lumpur
Keynote Speech	Omar Siddique	Lead, City Climate Action and SDGs Localization, Sustainable Urban Development Section, ESCAP
Moderator	Junichi Fujino	Affiliation Principal Researcher/Programme Director of Integrated Sustainability Centre, IGES
Speaker	Tadahiro Saegusa	Director General of the International Affairs Bureau, City of Yokohama
Speaker	Arang Ma	Manager of Evaluation, Planning and Coordination Department, SMG
Speaker	Mohd Azlan Shah bin Abdullah	Deputy Director, Urban Transport Department, Kuala Lumpur City Hall
Speaker	Neha	Senior Project Officer, AILSG
Speaker	Nadeeka Amarasinghe	Director (Urban Planning), HELP-O
Panelists	Chris DiGennaro	Senior Program Officer, CityNet Secretariat
Panelists	Donna R. Tabangin	City Planning and Development Coordinator, City of Baguio
Closing Session	Rumi Kurita	Head of Office, CityNet Yokohama Project Office



Closing Session

Leading the Way to a Green Future - Role of the Asia Smart City Conference -

Role	Name	Affiliation
Speaker	Takeharu Yamanaka	Mayor, City of Yokohama
Speaker	Kentaro Asahi	Parliamentary Vice-Minister of the Environment, Japan
Video message	Yoshiki Takeuchi	Deputy Secretary-General, OECD
Moderator	Christopher Pablo	Senior Urban Specialist and TDLC Team Lead, World Bank
Speaker	Raymond Alvin Garcia	Mayor, City of Cebu
Speaker	Yumiko Tamura	Representative, ADB Japanese Representative Office



DAY 2 October 24 (Thu) GREEN STAGE

Special keynote The future of alignment between the brain, Artificial Intelligence, and the global environment

Role	Name	Affiliation
Speaker	Kenichiro Mogi	Neuroscientist



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From Yokohama: The Possibilities of Semiconductor Open Innovation

Role	Name	Affiliation
Moderator	Fumihiro Inoue	Associate Professor, Yokohama National University / Vice-Director, Semiconductor and Quantum Integrated Electronics Research Center
Speaker	Takashi Kariya	Samsung Device Solutions R&D Japan Advanced Package Lab, Corporate Vice President / Head of Lab / Ph.D, Samsung Japan Corporation
Speaker	Takatoshi Ikeuchi	Director of Electronics R&D Center, Resonac Corporation



Yokohama's potential as Asia's circular economy hub

Role	Name	Affiliation
Moderator	Yu Kato	Founder and CEO, Harch Inc.
Speaker	Yoshimi Seki	CEO, StockBase Inc.
Speaker	Stéfan Le Dû	European Business Council



AFRICA BUSINESS SESSION Business with Africa: current and future potential

Role	Name	Affiliation
Moderator	Takamasa Sato	Secretary General, JETRO / Japan Business Council for Africa
Speaker	Kazuko Nagura	Director, Africa Office, Ministry of Economy, Trade and Industry
Panelists	Kaori Fujita	Director, HINODE SANGYO CO.,LTD
Panelists	Kenta Oomori	Co-founder / COO, STANDAGE Inc.
Panelists	Taishi Suzuki	Executive Officer, Director of Business Development Division, KAIHO INDUSTRY CO., LTD.



Youth session (Yokohama Future Generations Platform × IFAD Youth Club) Our Future is Here -Facing Climate Change Together-

Role	Name	Affiliation
Moderator	Masaki Kawai	Representative Director and CEO, UNERI inc. / Yokohama Future Generations Platform Mentor
Speaker	Masashi Nishio	Yokohama Future Generations Platform
Speaker	Ryosuke Wakasa	Yokohama Future Generations Platform
Speaker	Kotoha Nagata	IFAD Youth Club
Speaker	Michiru Fujino	IFAD Youth Club
Speaker	Maoko Utagawa	IFAD Youth Club





Result of Decarbonization Questionnaire

In order to gather information on decarbonization needs of participating cities at 13th ASCC, we conducted a questionnaire. The following four items were asked in advance and interviews were held during the ASCC, with responses received from a total of 35 cities and organizations.

[Question Items]

- A) Basic information (City and country, Contact person)
- B) Status of Decarbonization Plan Development (Status of Decarbonization Plans, Goals or vision, Initiatives, Challenges)
- C) Interest in Solutions for Decarbonization (Urban Planning and Urban Development, Water Supply and Sewage, Energy, Waste Management, Transportation)
- D) Interests on Business matching with Sector Solution Providers
- E) Other Expectations for the ASCC

List of Respondents (Alphabetical order)

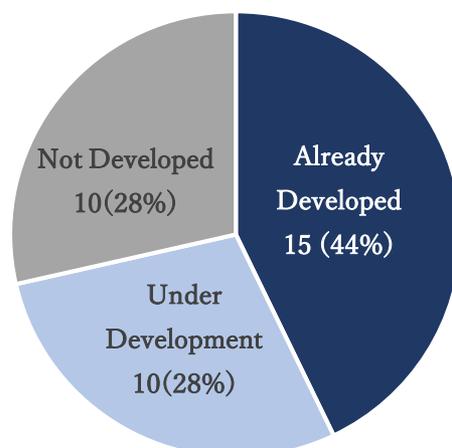
Central Asia	[Uzbekistan] Ministry of Economy and Finance / Samarkand Regional Government / Tashkent City Administration
East Asia	[South Korea] Seoul Metropolitan Government (SMG)
South – East Asia	[Indonesia] Regional Development Planning Agency of DKI Jakarta / South Sulawesi Province / Balikpapan City [Malaysia] Ministry of Transport / Kuala Lumpur [Thailand] Bangkok Metropolitan Administration [Philippines] Tourism Infrastructure and Enterprise Zone Authority (TIEZA) / City of Baguio / City of Bogo / City of Borongan / City of Butuan / City of Cabadbaran / City of Laoag / City of Mandaue / City of Quezon / City of San Carlos / City of San Fernando, La Union / City of San Fernando, Pampanga / City of Santa Rosa [Singapore] Centre for Liveable Cities, Ministry of National Development (CLC) [Vietnam] Department of Construction of Dong Thap Province / Ha Tinh Provincial People's Committee / Da Nang Department of Natural Resource and Environment
South Asia	[Bangladesh] Khulna City Corporation [India] Ministry of Ports, Shipping and Waterways [Nepal] Siddharthanagar Municipality / Tilottama Municipality [Pakistan] Government of Punjab / Punjab Affordable Housing Program (PAHP) / Punjab Municipal Development Fund Company [Sri Lanka] Colombo Port City Economic Commission

■ Status of Decarbonization Plan Development

Among 35 organizations that responded, 15 have already developed and been published, 10 are in the process of development, and 10 have not developed a decarbonization plan. Additionally, a progress in the status of plan development was observed in the two cities of Butuan and Cabadbaran, which also provided responses last year.

Status of Decarbonization Plan Development

Responses: 35 Organizations



Updates from the responses last year

- City of Butuan:
[FY 2023] Under Development
[FY 2024] Already Developed
- City of Cabadbaran
[FY 2023] Not Developed
[FY 2024] Under Development

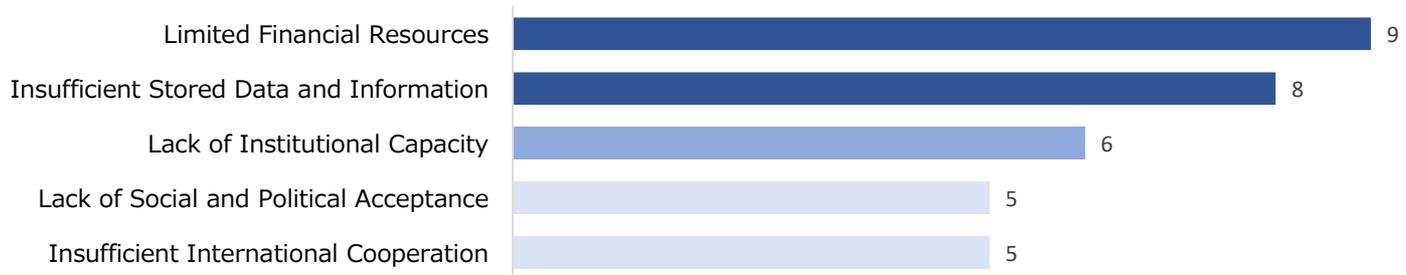


Result of Decarbonization Questionnaire

The 10 organizations that had not yet developed a plan identified "Limited financial resources" and "Insufficient data and information" as big challenges in developing decarbonization and climate change action plans, followed by "Lack of Institutional Capacity", "Lack of Social and Political Acceptance", and "Insufficient International Cooperation."

Challenges in Developing Decarbonization Plans and Climate Changes Strategies (Multiple answers)

Response: 10 Organizations that have not developed plan

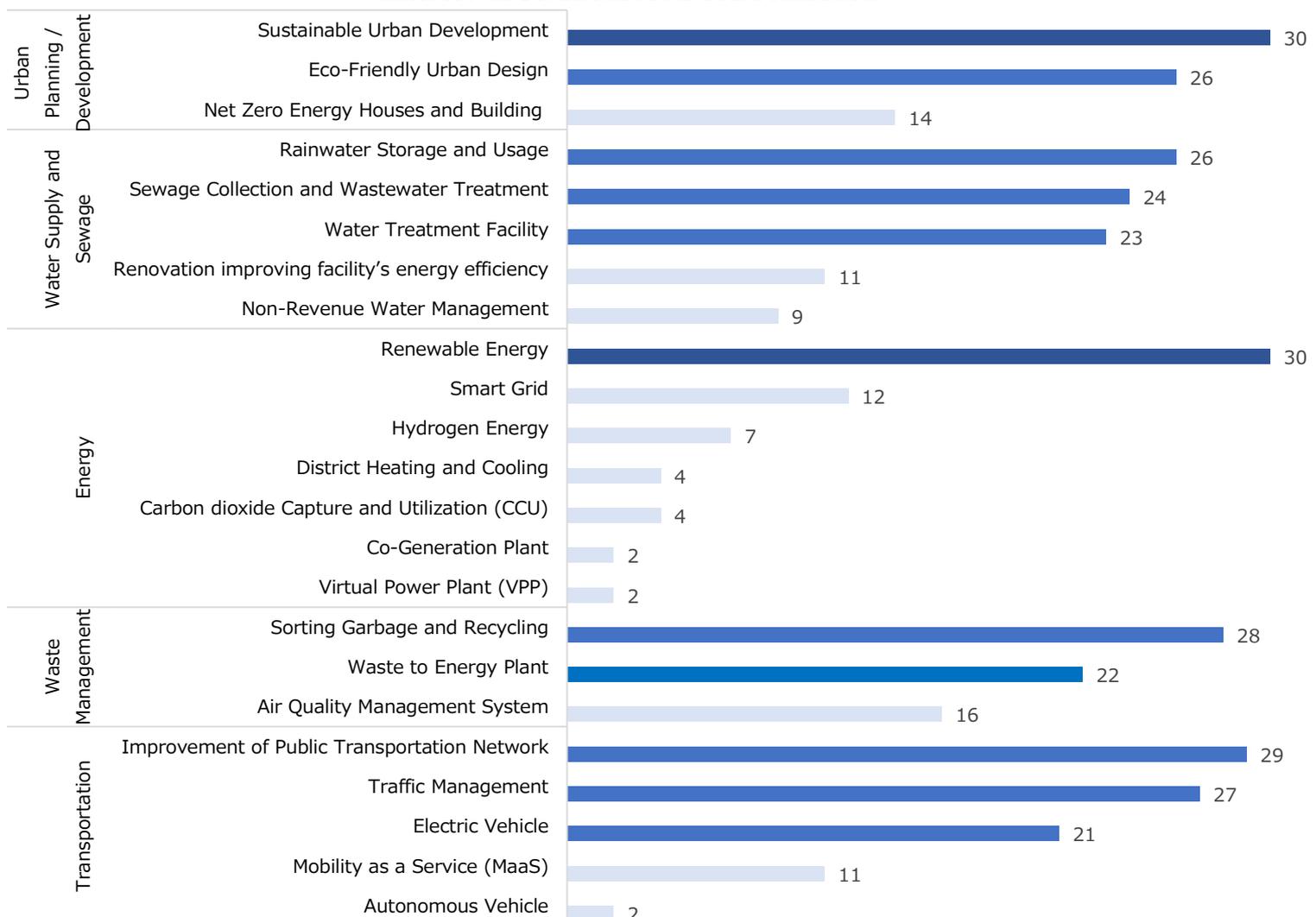


Interest in Solutions for Decarbonization

Regarding the challenges of decarbonization and the sectors in which specific solutions are being considered for implementation, broad interests across all sectors were raised: "Urban Planning and Urban Development," "Water Supply and Sewage," "Energy," "Waste Management," and "Transportation" (multiple answers). As for individual solutions, over 30 organizations expressed interest in "Sustainable Urban Development," and "Renewable Energy".

At the business matching venue during the ASCC, questionnaire results were used to facilitate business exchange between participants and companies with solutions of high interest.

Interest in Solutions for Decarbonization





Result of Decarbonization Questionnaire

Motivations and Expectations for the 13th ASCC

The most common motivations and expectations for the 13th ASCC were "Learning about the latest trends and technologies" and "interest in decarbonization" followed by "networking opportunities with industry professionals" and "sharing knowledge and best practices on policies for sustainable urban development."

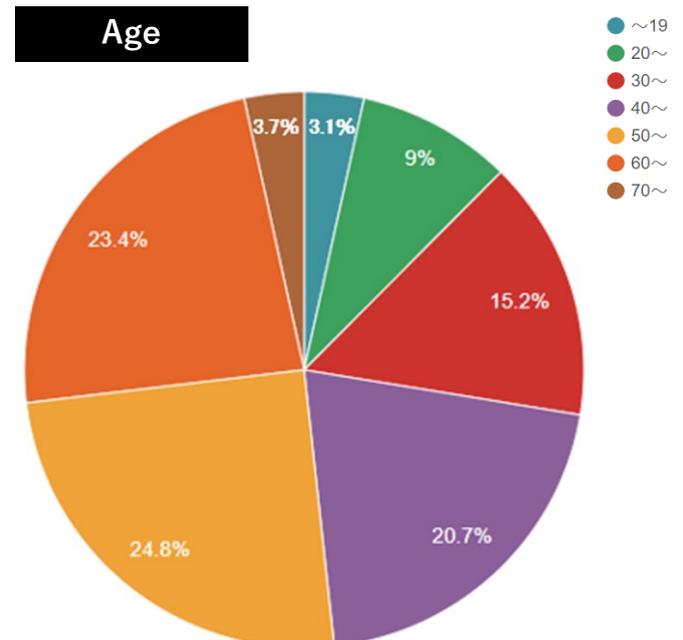
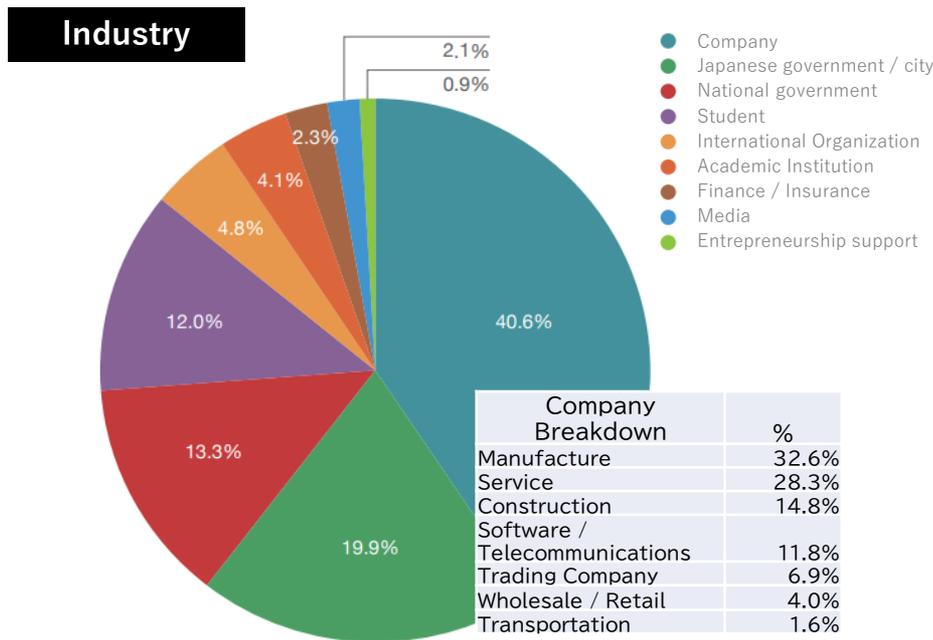
Motivations and Expectations for the 13th ASCC (Multiple answer)



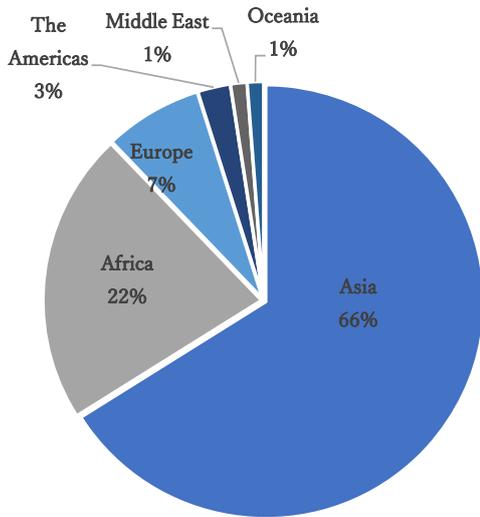
Participants' affiliation

N = 162

In order to collect information about the participants of the 13th Asia Smart City Conference, we have compiled the information entered in the pre-registration form and in the post-conference survey.



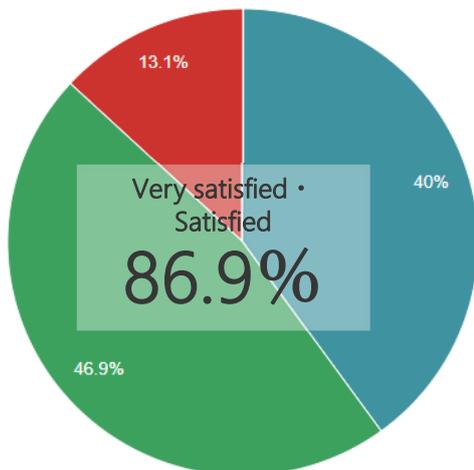
Visitors from overseas



Questionnaire results

N=162

Degree of satisfaction

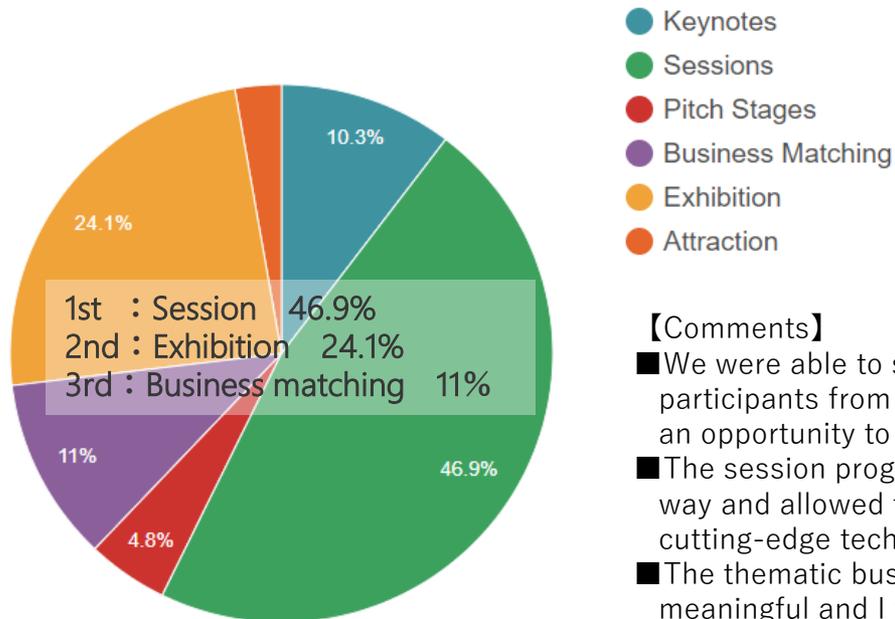


- とても満足 Very satisfied
- 満足 Satisfied
- ふつう Neutral
- 不満 Dissatisfied
- とても不満 Very dissatisfied

【Comments】

- This conference was a very valuable opportunity to interact with representatives from Asian cities who would not have been possible to meet otherwise.
- I was able to hear opinions from both the government and the private sector about their respective positions and mutual cooperation.
- Each of the wide range of sessions delve in-depth into the topics and brought valuable insights, making the conference an extremely meaningful opportunity.
- The business exhibition booths were great and will be helpful for potential business collaborations.
- I was able to listen to the opinions and discussions of people from overseas while being in Japan.
- Speakers are knowledgeable and provide insightful information.
- The event was well organized. The topics were interesting with competent and relevant speakers. The conference venue and facilities were excellent.

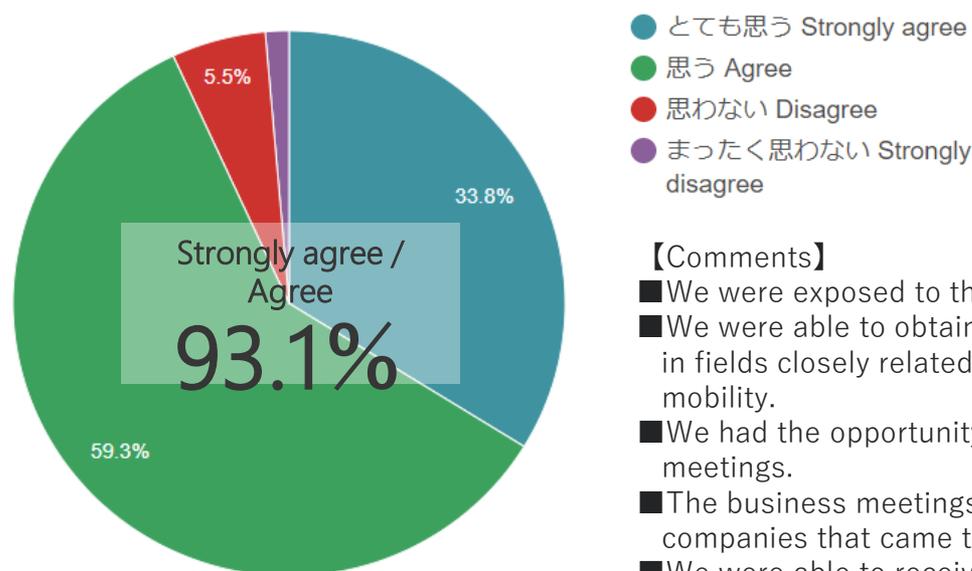
Memorable content



【Comments】

- We were able to showcase our technology and products to the participants from various countries who visited our booth, which provided an opportunity to create business opportunities.
- The session program covered a wide variety of topics in a comprehensive way and allowed the audience to hear the real voices of experts in cutting-edge technologies.
- The thematic business networking was extremely meaningful and I was able to expand my business channels.
- It was an opportunity to learn a lot from the unique exhibits of various companies that matched the conference theme.

Do you think this event was a catalyst for the development of your business or other activities?



【Comments】

- We were exposed to the latest trends in relevant industries.
- We were able to obtain hints for entering new Asian and African markets in fields closely related to our company such as water, energy, and mobility.
- We had the opportunity to have casual exchanges of ideas during lunch meetings.
- The business meetings between exhibitors and overseas cities and companies that came to Yokohama were accomplished.
- We were able to receive input about our products' potential from different perspectives, not only from Southeast Asia but also from many visitors from African countries.
- It was beneficial for our implementation as we had the opportunity to visit and learn about various products and technologies from Japan that can be adapted for our city.

Exhibitors' voice

- We are deeply grateful for having this most effective opportunity to interview the cities we had requested.
- The buffet-style lunch meeting allowed us to have friendly exchanges with people from other countries. It was a valuable opportunity to make active contact with those who were interested in our booth.
- Many companies visited our booth this year and we received some proposals for joint project implementation, which we are positively considering.
- The exchange of opinions was very lively as exhibitors and visitors had common goals. It was also good to have several information exchanges among exhibitors.
- I had the opportunity to make a presentation and was satisfied with the large number of participants attending.
- International students volunteered to help exhibitors in the booths. There were many students visiting the exhibition booths, so it was a good opportunity to promote our company to young people.



GALERIO Planning Committee

In order to enhance the role of Y-PORT Center Office as an information hub for sustainable city development in Asia, GALERIO Planning Committee was launched by the experts from public, private and academic sectors. The contents of policy dialogue in the 13th ASCC were planned by the GALERIO Planning Committee. In cooperation with international organizations and academic institutions, the committee will lead the promotion of smart cities across organizational boundaries.

[Member of GALERIO Committee (Alphabetic order)]

Tetsushi Sonobe, CEO, Asian Development Bank Institute

Yatsuka Kataoka, Programme Director of City Taskforce, Institute for Global Environmental Strategies

Masahiro Ueki, Senior Director of the JICA Yokohama Center, Japan International Cooperation Agency

Takehiko Nagumo, Representative Director, Smart City Institute Japan

Christopher Pablo, Senior Urban Specialist and TDLC Team Lead, World Bank Tokyo Development Learning Center (TDLC)

Masahiko Nakanishi, School of International Liberal Arts • Graduate School of Urban Social and Cultural Studies, Yokohama City University

Satoru Sadohara, Yokohama National University

Yuichiro Imatomi, Representative Director, Yokohama Urban Solution Alliance (YUSA)

Norio Tomioka, Executive Director of Global Networks, International Affairs Bureau, City of Yokohama



**Asian Cities Together
for a Greener Future**

