

ASCC

Asia
Smart City
Conference
2025

Asia Smart City Conference 2025

REPORT



2025.11.25 - 27
PACIFICO Yokohama North

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Event outline



Asia Smart City Conference 2025 Event outline

■ About Asia Smart City Conference

The Asia Smart City Conference (ASCC) is an international conference that brings together representatives from overseas cities, government agencies, international organizations, academic institutions, and the private sector. The conference focuses on discussions aimed at realizing sustainable urban development that balances economic growth with a high-quality urban environment. By sharing a wide range of global expertise—including urban challenges and visions for growth presented by city leaders, innovative solutions from private companies and academia, and support measures from international organizations for public-private partnerships—the conference also provides a platform for participants to discover new business opportunities.

■ Special features of ASCC 2025

At the 14th Asia Smart City Conference, held in collaboration with the Asian Development Bank (ADB) and the World Bank, a diverse range of domestic and international stakeholders—including overseas cities, international organizations, private companies, and academic institutions—gathered under the theme of "Towards a Circular Society." Participants shared urban challenges, visions for growth, and advanced technological solutions aimed at achieving a sustainable green society.

■ Outline

[Dates] November 25-27, 2025

[Participants] 2,000+

[Venue] PACIFICO Yokohama North, etc...

[Exhibitors] 45

[Organizer] City of Yokohama

[Participating cities and organizations] 52

[Session Organizers]

[Business exchanges] 1,000+

Asian Development Bank/Asian Development Bank Institute,
CITYNET, ICLEI Japan, JICA, Smart City Institute Japan,
World Bank Tokyo Development Learning Center,
Yokohama City University, Yokohama City
(Alphabetical order)

[Sessions] 15

[Speakers] 100+

[Supporters]

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

[Theme]

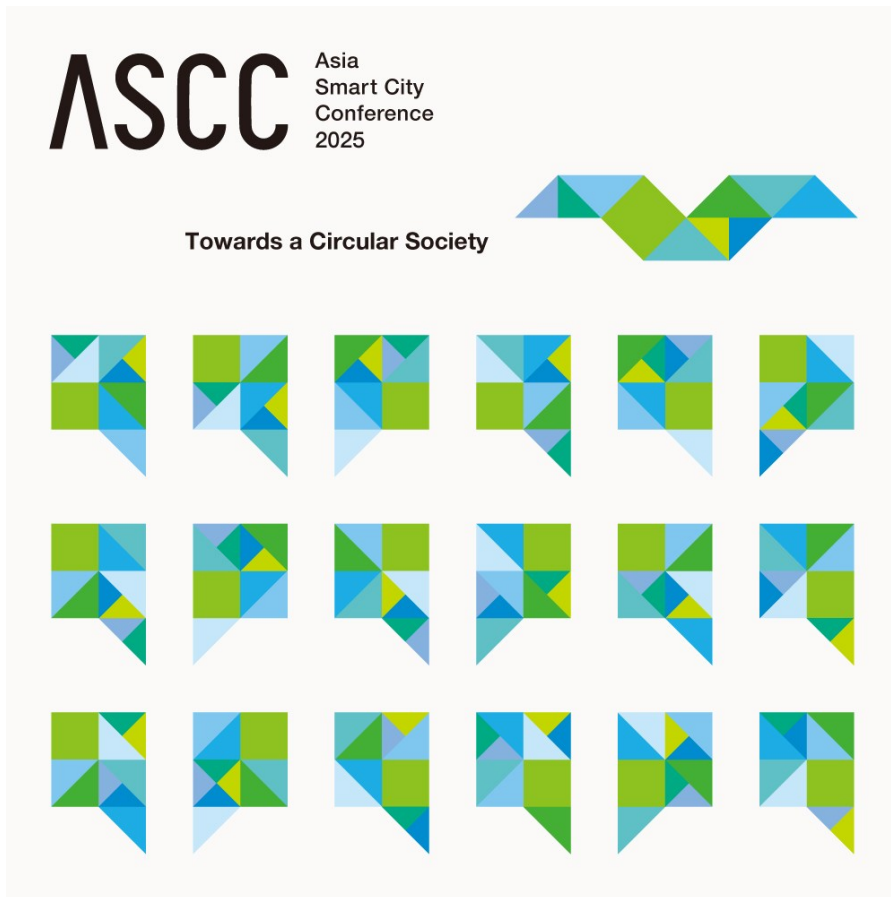
Towards a Circular Society
~Promoting the Circular Economy,
Carbon Neutrality, and GREEN × EXPO 2027~

■ Program

At the GREEN STAGE, city leaders and representatives from international organizations gathered to present case studies and propose concrete actions for promoting circular cities in Asia. Meanwhile, the BLUE STAGE featured presentations from companies and city officials on challenges and solutions related to the circular economy and decarbonization, fostering partnerships to address urban issues through exhibitions and networking opportunities.

Date and Time			Program		
Nov. 25 (Tue)	09:00-10:30	GREEN STAGE	Opening Session: Promoting Circular Cities (Part 1)		
	11:00-12:30	GREEN STAGE	ADB/ADBI Session : Circular Cities for a Sustainable Future		
	13:45-15:15	GREEN STAGE	World Bank Session : Addressing urban waste issues to promote a circular economy in Asia		
	15:30-17:00	GREEN STAGE	CITYNET Cluster Seminar 2025 Urban Policy and Resilience in the Era of Climate Change		
Nov. 26 (Wed)	09:00-10:15	GREEN STAGE	Joint proposals for the future of the city by students from universities in the city and abroad		
	10:30-12:00	GREEN STAGE	Co-Creation for a Circular Society in Asia		
	13:00-13:30	GREEN STAGE	Connecting Businesses for a Circular Future : Yokohama City Platform for Resource Circulation		
	13:45-14:30	GREEN STAGE	Decarbonizing the infrastructure that supports urban life		
	16:45-15:35	GREEN STAGE	A circular society promoted at GREEN×EXPO 2027		
	16:00-17:30	GREEN STAGE	Closing Session: Promoting Circular Cities (Part 2)		
	09:00-09:50	BLUE STAGE	Realizing a Decarbonized Society from the Ocean Perspective -Trends in the Expansion of Floating Offshore Wind Power Deployment-	Exhibition booths	
	10:00-10:50	BLUE STAGE	Semiconductor Technologies Driving the Future of AI and Energy		
	11:00-12:00	BLUE STAGE	Mutual pitches between city and company representatives on urban issues and technological solutions (Part 1)		
	13:00-14:30	BLUE STAGE	Mutual pitches between city and company representatives on urban issues and technological solutions (Part 2)		
	14:45-15:30	BLUE STAGE	Balancing Environmental Sustainability, Circular Economy, and Citizen Well-being		
	Nov. 27 (Thu)	09:00-12:30		ASCC 2025 Site Visit Program	

■ Key visual



[Key Visual / Concept]

The speech bubbles, composed of various triangles and squares, represent the diverse discussions held by people gathered from all over the world.

The design also features the seagull—the prefectural bird—symbolizing our commitment to disseminating the insights and discussions from the ASCC from Yokohama to the world.



Event results



Opening Session: Promoting Circular Cities (Part 1)

In recent years, the transition toward circular cities—which aim for sustainable economic growth and development while minimizing environmental impact—has become a global imperative. Europe, in particular, has seen various cities participate in the framework of the European Circular Cities Declaration, working collaboratively to achieve this transition. Believing that a similar system is essential for Asia as well, the City of Yokohama took the initiative as a founding city to submit a public request to international organizations for the establishment of such a framework, alongside leaders from other Asian cities. Furthermore, representatives from international organizations delivered powerful messages regarding international city-to-city collaboration and support.

[Opening speaker]

Takeharu Yamanaka, Mayor, Yokohama City

[Speaker]

Hugh Lim, Executive Director, Centre for Liveable Cities, Singapore

Munafri Arifuddin, Mayor, Makassar City

Lertluck Leelaruangsang, Deputy Permanent Secretary, Bangkok Metropolitan Administration

Le Thanh Tung, Deputy Director of Department of Finance, Da Nang City

Jae-bok Chang, Chief Executive Officer, CityNet Secretariat

Zita Pels, Deputy Mayor, Amsterdam City

Jean-Eric Paquet, Ambassador Extraordinary and Plenipotentiary, Head of the Delegation of the European Union to Japan

F. Cleo Kawawaki, Director General, Sectors Department 2: Agriculture, Food, Nature, Rural Development, Water, Urban Development and Digital Sectors, Asian Development Bank

Christoph Pusch, Program Manager, World Bank Tokyo Development Learning Center (TDLC)





ADB/ADBI Session : Circular Cities for a Sustainable Future

In order to derive effective solutions for the diverse and complex challenges facing cities, the sharing of knowledge and experience among local governments is of paramount importance. Under the leadership of the Asian Development Bank (ADB) and the Asian Development Bank Institute (ADBI), this session brought together local government officials and experts in the field of urban development to share insights and best practices regarding circular economy initiatives in urban management and city planning.

Furthermore, within the framework of the ADB's "City-to-City Partnership (C2CP) Program," which promotes the formation of circular societies in cities through knowledge sharing and technical assistance, letters were exchanged between (1) the City of Yokohama and Amaravati, India, and (2) the City of Yokohama and Hunnu, Mongolia. Through these exchanges, the parties confirmed their commitment to advancing discussions on knowledge exchange and technical cooperation to support circular initiatives in each city.

[Moderator]

Joy Blessilda Sinay, Capacity Building Specialist, Asian Development Bank Institute (ADBI)

[Speaker]

Bambang Brodjonegoro, Dean and CEO, Asian Development Bank Institute (ADBI)

Francois Jenny, Senior Urban Development Specialist Waste Management, Asian Development Bank (ADB)

F. Cleo Kawawaki, Director General, Sectors Department 2: Agriculture, Food, Nature, Rural Development, Water, Urban Development and Digital Sectors, Asian Development Bank (ADB)

[Panelist]

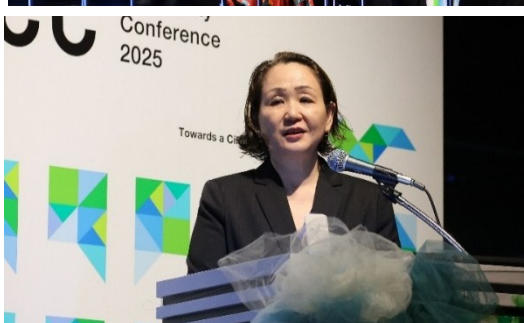
Ivonne Bojoh, CEO, Circle Economy

Gunbold Baatar, CEO, Hunnu City Development Corporation SOE, Mongolia

Arnold Tukker, Professor of Industrial Ecology Institute of Environmental Sciences (CML), Leiden University

A. Bhargav Teja, Additional Commissioner, Andhra Pradesh Capital Region Development Authority, India

Kremena Ionkova, Global Lead for Solid Waste Management and Circularity Infrastructure Vice Presidency World Bank



Key Points

- The speakers emphasized the urgency of transitioning to circular cities, pointing out that urban areas account for the vast majority of global resource consumption and waste generation, and that systems must be redesigned to decouple growth from resource use. Furthermore, participants shared the understanding that waste management should not be limited to end-of-pipe solutions; rather, circularity must be integrated from the early stages of urban planning, policy-making, and infrastructure development.
- Digital technologies, such as AI-powered waste identification, smart bins, and Material Flow Analysis (MFA), were introduced as effective means to enhance the efficiency of resource recovery and maximize value within cities.
- It was pointed out that significant challenges remain in financing the realization of a circular society. While investment in circular innovation is currently limited, speakers emphasized the importance of preparing bankable projects, building capacity, developing blended finance structures, and creating incentives to encourage private sector participation.
- Furthermore, it was pointed out that market forces alone are insufficient to realize a circular society. To scale up circular solutions across the diverse contexts of the Asia-Pacific region, speakers emphasized the necessity of a comprehensive approach that integrates regulatory measures, leadership from city governments, and behavioral changes among citizens, including the active engagement of youth.



World Bank Session :

Addressing urban waste issues to promote a circular economy in Asia

In Asia, where urbanization is rapidly advancing, reducing the volume of municipal solid waste has become a critical challenge. It is essential for cities to stand at the forefront of solving these issues. In this session, as a framing presentation, the waste management trends in the Asian region from the World Bank's report "What a Waste 3.0" (scheduled for publication in February 2026) were shared. This was followed by case studies from Uzbekistan, the Philippines, and Pakistan on waste reduction, leading to a discussion on the importance of source separation, recycling strategies, and waste infrastructure.

[Moderator]

Rieko Kubota, Program Officer, World Bank Tokyo Development Learning Center (TDLC)

[Opening]

Christoph Pusch, Program Manager, World Bank Tokyo Development Learning Center (TDLC)

[Framing]

Kremena Ionkova, Global Lead for Solid Waste Management and Circularity Infrastructure Vice Presidency, World Bank

[Panelist]

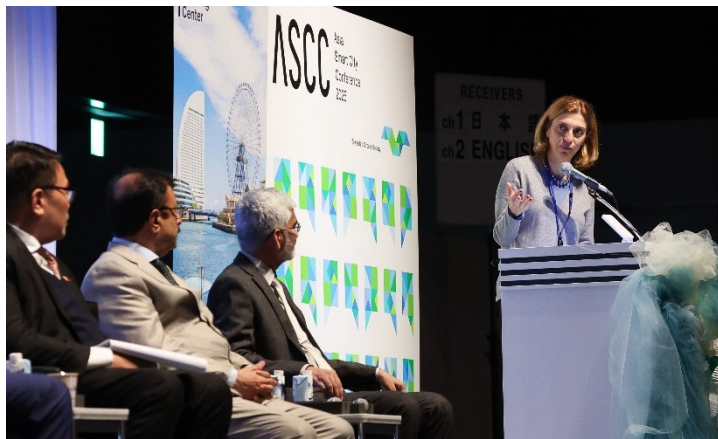
Murod Khusanov, CEO, Consort Group LLC

Romando Salandanan Artes, Chairman Metropolitan Manila Development Authority

Tariq Nizamani, Managing Director Sindh Solid Waste Management Board,

Local Government Housing & Town Planning Department, Government of Sindh

Anwar Shar, Project Director, Local Government Department, Government of Sindh



Key Points

- Based on the World Bank report, it was shared that global waste generation is projected to increase by approximately 50% from the 2022 baseline by 2050.
- Regarding the initiatives of Asian cities, the City of Yangiyul, Uzbekistan, introduced its PET recycling pilot project and digital tracking platform. The Metropolitan Manila Development Authority (MMDA) of the Philippines presented its integrated approach combining source separation with Materials Recovery Facilities (MRF), as well as the effectiveness of community-based initiatives. Furthermore, the City of Karachi, Pakistan, highlighted the outcomes of the SWEEP Project, alongside its future plans for landfill closure and Waste-to-Energy initiatives.
- Following these presentations, discussions were held on practical measures for the implementation of a circular economy.



CITYNET Cluster Seminar 2025

-Urban Policy and Resilience in the Era of Climate Change -

Member cities serving as chairs of the CityNet SDGs and Disaster Cluster, along with representatives from relevant international organizations, took the stage to share initiatives focused on climate action, urban resilience, and the circular economy. They also engaged in discussions on how to further advance these efforts.

[Opening Remarks]

Hiroataka Sato, Deputy Mayor, Yokohama City

Jae-bok Chang, Chief Executive Officer, CityNet Secretariat

[Speaker]

Mariko Sato, Board Member, Japan Habitat Association

[Moderator]

Osamu Mizuno, Climate Change Program Director, The Institute for Global Environmental Strategies (IGES)

[Panelist]

Lee Dong-Gil, Manager, Seoul Metropolitan Government

Nik Mohammed Faizal bin Nik Ali, Senior Deputy Director (Architect), Kuala Lumpur City Hall

Daisuke Kuroiwa, Executive Director of Crisis Management Department, General Affairs Bureau, Yokohama City

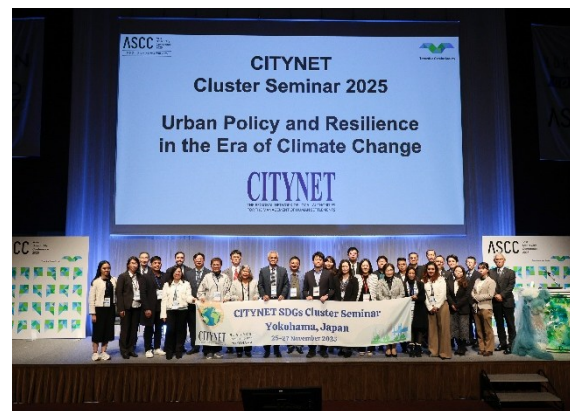
Donnie Ray Marquez, Chief, Research, Planning, and Special Projects Division Registered Criminologist, Quezon City

Ayuko Kobayakawa, Deputy Director Climate Change Science and Adaptation Office, Ministry of the Environment

Christopher Di Gennaro, Senior Program Officer, CityNet Secretariat

[Closing Remarks]

Tomomi Yamashita, Director General, International Affairs Bureau, Yokohama City



Key Points

- The session shared the characteristics of natural disasters currently affecting cities due to recent climate change. Building on these insights, participants also shared various urban initiatives focused on sustainable development.
- Seoul introduced its climate change adaptation strategies and update plans, which include disaster prevention measures against heavy rain and heatwaves. Kuala Lumpur shared structural adaptation measures to combat increasingly frequent floods and heat island effects, while Yokohama presented its disaster mitigation efforts utilizing green infrastructure and the power of nature. Additionally, Quezon City highlighted its initiatives in capacity building and the development of physical infrastructure for disaster management.
- Quezon City presented its initiatives focused on capacity building within the disaster management sector, alongside the development of hard infrastructure.
- The Ministry of the Environment, Japan, presented concrete examples of synergies between climate change adaptation, mitigation, and carbon neutrality. Meanwhile, the CityNet Secretariat pointed out that nature-based solutions, such as green spaces, are often undervalued when it comes to strengthening urban resilience.
- During the Q&A session, participants engaged in further discussions regarding the specific city-led initiatives, focusing on elements that contribute to carbon neutrality and the circular economy.



Co-Creation for a Circular Society in Asia

We presented JICA’s cooperation case studies for transitioning to a circular economy, along with methods for collaborating with the private sector. Furthermore, based on the local challenges faced by Asian cities and the initiatives of companies in Yokohama addressing them, we discussed approaches to public-private partnerships (PPP) required to further promote circular societies in Asia.

[Moderator]

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

[Opening]

Teruyuki Ito, Director General, JICA Global Environment Department

[Panelist]

Koji Maeshima, Senior Deputy Director, JICA Global Environment Department Environmental Management and Climate Change Team1

Jose Carlos L. Cari, Mayor, Baybay City, Leyte Philippines

Davaadalai Tumendalai, First deputy mayor for Economic Development and Infrastructure Ulaanbaatar, Mongolia

Prettie Acop-Jalang, Assistant General Manager, SM GUUN Environmental Company, Inc.

Gen Takahashi, Deputy General Manager, Sales & Marketing Dept., Global Business Div., Environmental Solutions Sector, JFE Engineering Corporation

[Closing]

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



Key Points

- It was reaffirmed that for Asian cities to transition toward a circular economy, a "co-creation" process is essential—one where local governments, private companies, and international organizations align to share challenges and work together toward implementation.
- Cities and companies from various countries presented specific local challenges—such as waste management, resource circulation, and decarbonization—alongside practical initiatives and case studies showcasing the application of technologies and operational expertise from Yokohama-based companies.
- JICA introduced its phased support initiatives that combine technical cooperation, financial assistance, and private-sector partnership schemes across Asia. Participants shared the importance of implementing these steps gradually while fostering collaboration among diverse stakeholders to achieve a circular society.



Joint proposals for the future of the city by students from universities in the city and abroad

Students from Yokohama City University and National University of Kaohsiung presented policy proposals based on their fieldwork in Taiwan, focusing on four key perspectives: environmental policy, smart cities, waterfront revitalization, and the preservation of port heritage. Representatives from the ASEAN Secretariat and the Vietnamese government joined as reactors, providing practical insights and advice from a practitioner's standpoint. This session, characterized by mutual learning between port-city universities and direct feedback from Asian leaders, broadened the students' horizons and inspired them to pursue future global careers.

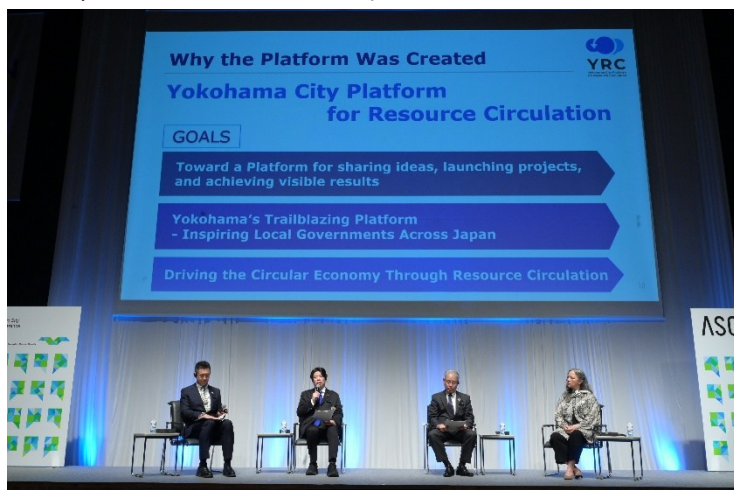
- [Moderator] **Nobuharu Suzuki**, Professor, Yokohama City University Department of Urban Studies, School of International Liberal Arts
- [Panelist] **Eri Aoki**, Associate Professor, Yokohama City University Department of Urban Studies, School of International Liberal Arts
- Hsing-Hao Wu**, Vice President, National University of Kaohsiung
- Students**, Yokohama City University
- Students**, National University of Kaohsiung
- [Reactor] **Benazir Syahril**, Senior Officer, ASEAN Secretariat
- Tran Ngoc Linh**, Principal Specialist, Urban Development Agency - Ministry of Construction, Vietnam



Connecting Businesses for a Circular Future: Yokohama City Platform for Resource Circulation

In October 2024, the City of Yokohama and seven local resource circulation companies signed a partnership agreement, leading to the launch of the "Yokohama Resource Circulation Promotion Platform." This session explored the potential for public-private and inter-company collaboration toward a circular economy, highlighting innovative initiatives from both "arterial industries" (manufacturing) and "venous industries" (recycling) centered around this platform.

- [Moderator] **Takashi Oshima**, Executive Director, Business Waste Management Department, Resources and Waste Recycling Bureau, Yokohama City
- [Panelist] **Shinji Fujieda**, CEO, GUUN CO.,LTD.
- Hiroyuki Haseba**, President & CEO, J&T Recycling Corporation
- Ivonne Bojoh**, CEO, Circle Economy





Decarbonizing the infrastructure that supports urban life

Cities are responsible for approximately 70% of global greenhouse gas emissions. To achieve decarbonization in Yokohama, companies that support the city's essential infrastructure presented their local initiatives while sharing cutting-edge technologies and expertise that are also being deployed across Asia.

[Moderator]

Yuko Uchida, Economic Journalist / CEO, INNOVEDIA

[Panelist]

Shuji Okazaki, Executive Director of Zero Carbon Society Promotion Department,
Zero Carbon and GREEN×EXPO Promotion Bureau, Yokohama City

Nobusato Kobayashi, Corporate Fellow General Manager of ZEB & Smart Community Department,
TAISEI CORPORATION Clean Energy & Environment Business Promotion

Wataru Yokota, General Manager, Isuzu Motors Ltd



A circular society promoted at GREEN×EXPO 2027

"GREEN×EXPO 2027" aims to envision a future "Green Society" in harmony with the environment and to share this vision with the world. We presented the latest updates on the Expo, which marked 500 days until opening on November 4th. Additionally, the Japan Association for the 2027 International Horticulture Exposition and participating companies shared their aspirations for the event, including plans to showcase circular economy initiatives and ways to engage with visitors at the venue.

[Moderator]

Yuri Takeda, Coordinator, Yokohama SDGs Design Center

[Panelist]

Noriko Ishizaka, Representative Director, Ishizaka Sangyo Co., Ltd.

Hiroshi Noguchi, Assistant General Manager, Environmental Engineering Division, KAJIMA CORPORATION

Misa Kenmiya, Executive Director for Sustainability Management, GREEN EXPO Association





Realizing a Decarbonized Society from the Ocean Perspective- Trends in the Expansion of Floating Offshore Wind Power Deployment-

Despite global trends of offshore wind project suspensions and withdrawals, the Japanese government is seizing these challenges as an opportunity to attract international investment and technology. Following the release of the "Vision for Offshore Wind Power Industry (2nd Edition)" in August, which aims to establish large-scale floating offshore wind projects by FY2029, the government seeks to develop this sector into a cornerstone of the Japanese economy. With industry clusters growing in Hokkaido and Kyushu, leading experts and executives discussed the latest trends and future visions, including the potential synergies with industries in the Tokyo Bay coastal area—a gateway to the nation's largest electricity demand center.

[Moderator] **Motohiko Murai**, Professor, Graduate School of Environment and Information Studies, Yokohama National University

[Panelist] **Stephen Baker OBE**, Trade and Investment Envoy, Scottish Government

Takashi Harada, General Manager, Ocean Renewable Energy Division, Toda Corporation

Wataru Suzuki, General Manager, NYK Line, Green Business Group

Hitoshi Nakamura, Director for Carbon Neutral Port Promotion, Port and Harbor Bureau, Yokohama City



Semiconductor Technologies Driving the Future of AI and Energy

With the rapid spread of AI, global power consumption by data centers is projected to double by 2030. To mitigate this rising demand, Japan is promoting the evolution of semiconductor technology—a key factor in power efficiency—alongside the expansion of renewable energy. Currently, universities and companies are making daily strides in R&D for technologies that enhance performance and reduce power consumption, such as chiplets and next-generation data centers utilizing photonics-electronics convergence. In this session, held in Yokohama—a hub for semiconductor-related industries—we shared the latest R&D trends in logic and memory chips that will support the future of AI and energy, as well as cutting-edge initiatives for decarbonization in the manufacturing process.

[Moderator] **Akiko Yamaga**, Acceleration Manager, TECH HUB YOKOHAMA / Yokohama Branch, Mitsubishi Estate Co., Ltd.

[Panelist] **Fumihiko Inoue**, Associate Professor, Yokohama National University

Vice-Director Semiconductor and Quantum Integrated Electronics Research Center

Masafumi Takahashi, Senior Fellow, Research, Strategy Planning Office, Frontier Technology R&D Institute,

KIOXIA Corporation



Mutual pitches between city and company representatives on urban issues and technological solutions (Part 1)

Aiming for urban decarbonization, several Asian cities presented their specific local challenges, which were met with innovative carbon-neutral solutions and ideas from Japanese companies. The moderator synthesized the potential for future synergy, effectively building a collaborative network between the participating cities and enterprises.

- [Moderator] **Yasuhiro Yamaguchi**, Partner, Carbon Free Consulting Co., Ltd.
- [Commentator] **Tsuyoshi Kiyohara**, Chief Strategy Officer, Carbon Free Consulting Co., Ltd.
- [Speaker] **Munafri Arifuddin**, Mayor, Makassar City, Indonesia
- Sadi Samadzod**, Director, SUE “Smart city” under the Executive body of state power of Dushanbe City, Tajikistan
- Maolen Karla M. Boholano, En.P.**, City Tourism Officer, Calamba City, Philippines
- Moe Takamura**, Deputy Manager, Sales Dept., Traffic Control System Division, Kyosan Electric Mfg. Co., Ltd.
- Piyamas Puangsri**, New Business Development Specialist, Murata Manufacturing Co., Ltd.
- Jun Donomae**, Manager, AGC Inc. Architectural Glass Asia Pacific Company



Mutual pitches between city and company representatives on urban issues and technological solutions (Part 2)

To address common urban challenges, particularly in waste management, several Asian cities presented their local issues, while Japanese companies proposed solutions and ideas from the perspectives of waste management and the circular economy. By synthesizing the potential for future collaboration, the moderator facilitated the establishment of new networks between the participating cities and companies.

- [Moderator] **Yatsuka Kataoka**, Program Director, City Taskforce, Institute for Global Environmental Strategies (IGES)
- [Commentator] **Yasuhiko Hotta**, President, Asia Pacific Roundtable for Sustainable Consumption and Production (APRSCP)
Research Director, SCP Unit, Institute for Global Environmental Strategies (IGES)
- [Speaker] **Ranasinghe Arachchige Manoj Chaminda Ranasinghe**, Director Engineering, Colombo Municipal Council, Sri Lanka
- Andi Sudirman Sulaiman**, Governor South Sulawesi Province, Indonesia
- Thierry Martin**, Senior Urban Development Specialist, World Bank
- Nova Genessa P. Balili**, Assistant City Administrator for Administration, Mandaue City, Philippines
- Motoyuki Okada**, CEO, Finetech.co.,Ltd
- Shoki Matsuzaka**, CEO, kitafuku, Inc.
- Kota Hayashi**, Regional Manager, Sustainable Division, TOHO LEO CO
- Kaori Fujita**, Director, HINODESANGYO CO.,LTD
- Gupta Vasu**, Overseas Division, Section Asst. Manager, NIHON GENRYO Co., Ltd.





Balancing Environmental Sustainability, Circular Economy, and Citizen Well-being

Focusing on the significant impact cities have on the global environment, this session explored how environmental harmony and a circular economy can coexist with citizen well-being. Acknowledging the challenges of balancing happiness and environmental sustainability—as shown in Japan’s Local Well-Being Index and UN surveys—participants discussed the necessary actions to overcome these hurdles. Drawing on case studies from Yokohama, the discussion focused on how to harmonize the well-being of both human society and the global environment.

[Moderator]

Takehiko Nagumo, Representative Director, Smart City Institute Japan

[Speaker]

Kazutaka Kurobe, Director, Office of Environmental Planning, Ministry of the Environment, Government of Japan

Satoko Deguchi, Director for Data-Informed Management Division, Policy Administration Bureau, City of Yokohama

Airi Amemiya, Project Lecturer, Yokohama City University





Closing Session: Promoting Circular Cities (Part 2)

In response to the Open Letter presented during the opening session, representatives from international organizations and other stakeholders discussed the establishment of frameworks and the provision of support tailored for Asian cities.

[Speaker]

Kazuhiko Takemoto, Chair, ICLEI Japan

Piia Elo, Vice President, ICLEI Europe / Mayor, Turku City

Kentaro Doi, Vice-Minister for Global Environmental Affairs, Ministry of the Environment, Japan

Armida Salsiah Alisjahbana, Under-Secretary-General of the United Nations and Executive Secretary, Economic and Social Commission for Asia and the Pacific

Sangmin Nam, Director, Environment and Development Division, United Nations Economic and Social Commission for Asia and the Pacific

Togo Uchida, Director General, ICLEI Japan

Bing Chomprasob, Chief Representative Officer, Japan, World Economic Forum

Ivonne Bojoh, CEO, Circle Economy

Jae-bok Chang, Chief Executive Officer, CityNet Secretariat

Diana Torres, Regional Governance Advisor, UNDP

Oddy Angelo, Programme Management Officer, Human Settlements UN-Habitat Regional Office for Asia and the Pacific

Takeharu Yamanaka, Mayor, Yokohama City



In response to the public call for action, ICLEI Japan announced the creation of the "Asian Circular Cities Declaration," with the City of Yokohama signing on as its first member city. Furthermore, it was announced that Mayor Takeharu Yamanaka has been appointed as a member of the ICLEI Global Executive Committee (Portfolio: Circular Development). Building on the achievements of the Asia Smart City Conference (ASCC), the "Asia-Pacific Circular Cities Forum (APCC-Forum)" will be newly launched next fiscal year to further strengthen this international platform for sharing expertise toward the realization of circular cities.



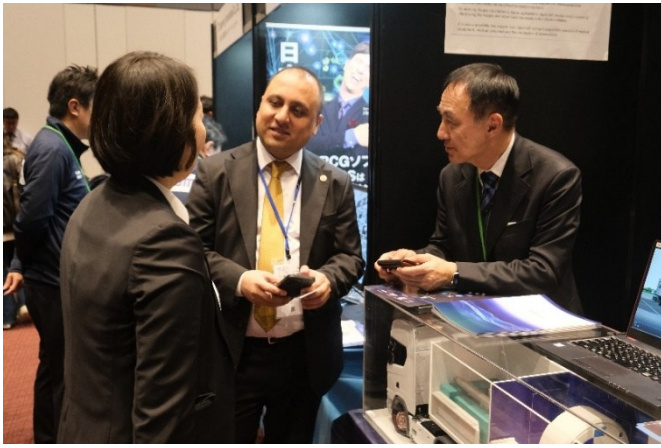
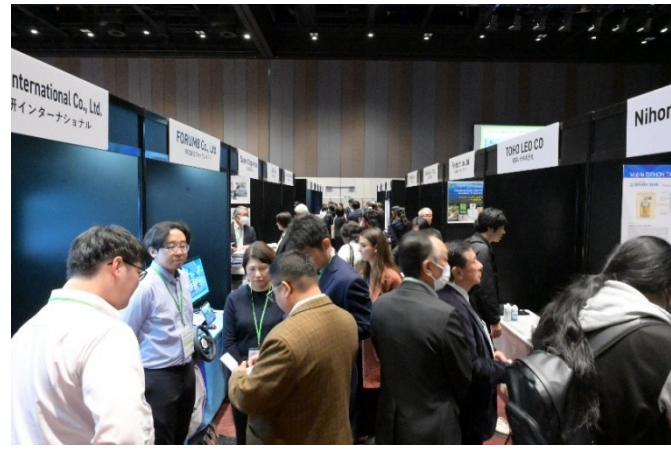


EXHIBITION BOOTH

Centering on the themes of circular economy, decarbonization, and the resolution of urban issues, the event hosted 45 diverse exhibition booths to promote advanced technologies and solutions for a sustainable green society. Furthermore, designated areas for business negotiations and networking were established within the venue.



R2 Co.,Ltd, I.A. Energy Corporation, AGRI Oh Inc., Asian Development Bank (ADB), Azbil Kimmon Co.,Ltd., AGC Inc., OCTO CORPORATION, Kaiyotoshiyokohamaumikyogikai, KAJIMA CORPORATION, Kaman inc., Galdieria Co. Inc., kitafuku,Inc, Kyosan Electric Mfg. Co., Ltd., Quickry Co. Ltd. GUUN Co.,Ltd., Clivia nobilis Co., Ltd. /Philippine coconut Authority, CTI Engineering International Co., Ltd., International Fund for Agricultural Development(IFAD) / IFAD Youth Club Japan (IYCY), Circularise Japan K.K., Circloop inc., Sansei Corporation, JFE Engineering Corporation, JICA Yokohama, World Bank Tokyo Development Learning Center, ALL NIPPON AIRWAYS CO., LTD., TIMEWELL Inc., TAKENAKA CORPORATION, TOHO LEO CO, Nihon Genryo Co., Ltd., BIOTECHWORKS-H2 CO.,LTD., Hara Trading Co.,Ltd., Hundredths Inc., People Port Corp., PEEL Lab, HINODESANGYO co.,Ltd., Finetech co.,Ltd., FORUM8 Co., Ltd., Mizu to Kominka co., Ltd., Murata Manufacturing Co., Ltd., Yokohama Water Co., Ltd., Yokohama Engineering Works, Ltd., PACIFIC CONVENTION PLAZA YOKOHAMA (PACIFICO Yokohama) , LOOVIC Inc., RECOTECH, City of Yokohama



Business Networking

Dynamic interactions took place among a diverse range of stakeholders—including overseas cities, domestic and international corporations, and students—at the 45 exhibition booths and the networking space within the venue. Over 1,000 business interactions were achieved, including approximately 200 individual business meetings between overseas cities and domestic companies.





MICE Human Resources Development Program : YOKOHAMA MICE Challenge

- Eco-Washi* Postcard Journey in Yokohama -

As part of the "MICE Human Resources Development Program" implemented by the City of Yokohama, local university students conducted an activity based on the theme of "Raising Environmental Awareness and Providing Hands-on Experiences," utilizing recycled washi paper postcards.

*A type of traditional Japanese paper made by recycling milk cartons



Sustainable International Conference

Sustainable Venue



- Achieved **net-zero** CO2 emissions from energy consumption
- Aiming for **100%** waste recycling, with current rates reaching approximately **90%**



- Recyclable aluminum-lined paper cartons
- Achieved decarbonization by increasing the ratio of renewable resources through plant-based caps

- Used reusable cups for coffee service
- Reduced waste and CO2 emissions

Reusable cups



- Sustainable decorations crafted from everyday waste materials, such as "loss flowers" and discarded cardboard. This initiative gave form to a "small first step" toward a sustainable future, encouraging attendees to rediscover the value of resources





Venue decoration

To embody the conference theme of a "circular society," sustainable measures were integrated into every aspect of the venue's operations. For the decorations, we exclusively used repurposed materials that were originally destined for disposal, significantly reducing waste. Furthermore, we encouraged sustainable action among participants through a beverage container collection initiative and featured a dedicated booth to promote GREEN × EXPO 2027.



Sponsor

■ GOLD PARTNER

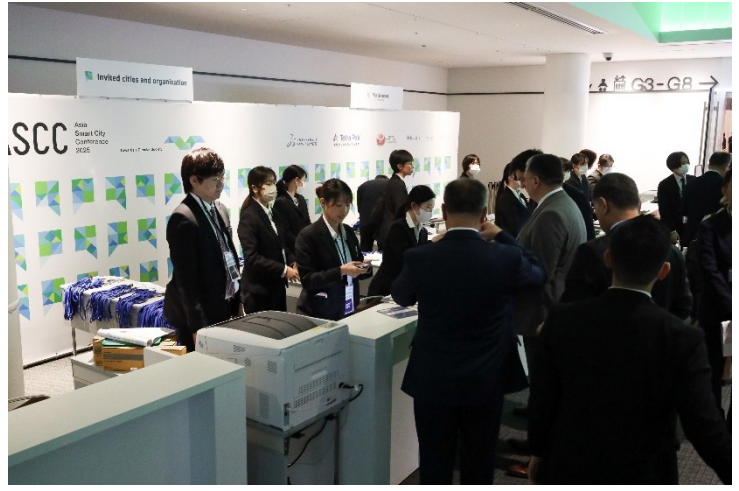
Dassault Systèmes K.K. / Nihon Tetra Pak K.K. / YAMAGUCHI WRECKER CO.,LTD.



■ GENERAL PARTNER

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







ASCC 2025 Site Visit Program



ASCC 2025 Site Visit Program

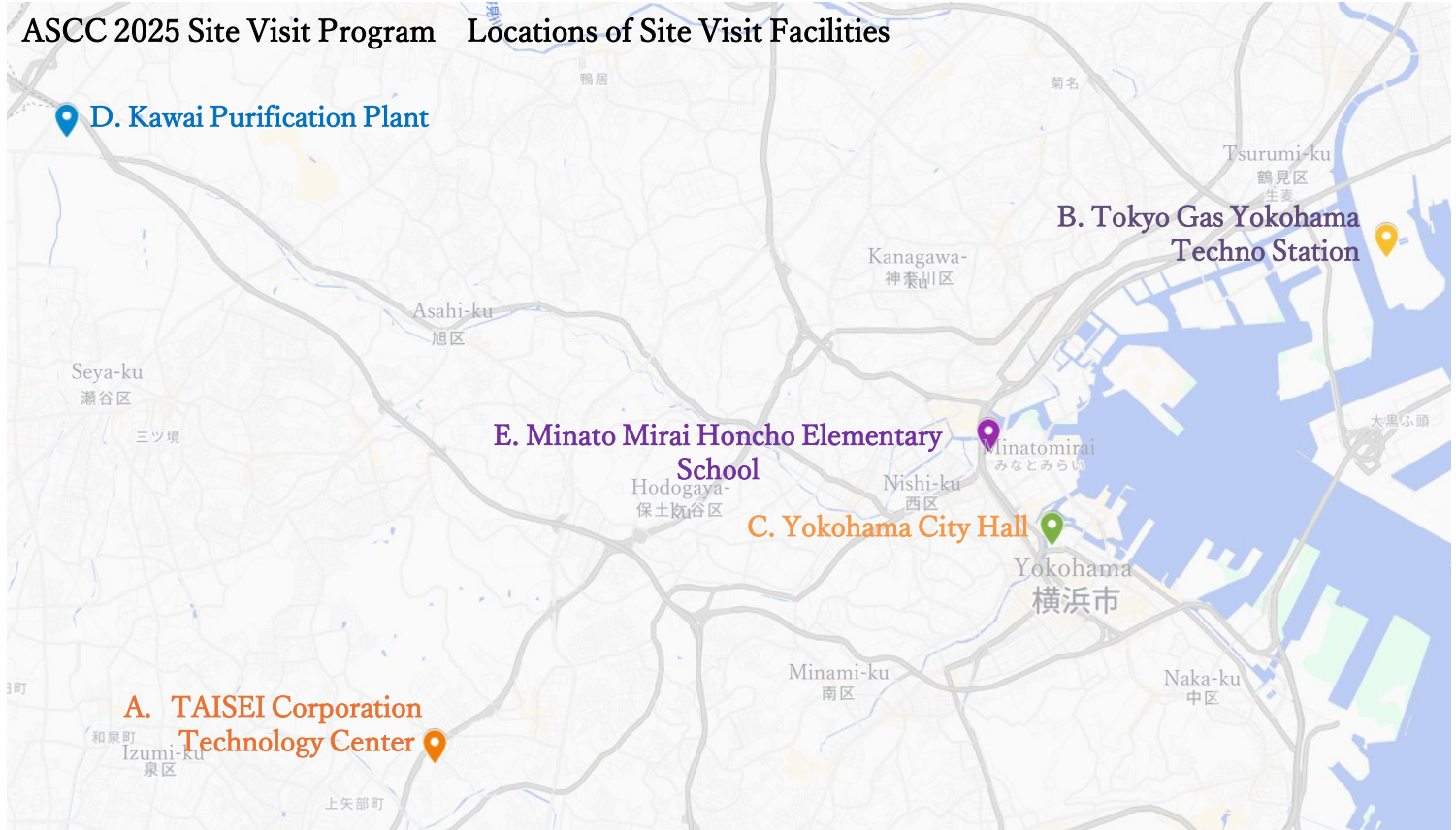
Site Visit Program was conducted in Yokohama for invited overseas cities and related organizations. The program consisted of 5 tours, as shown in the table below, with a total of 79 participants from 24 countries. Through this program, decarbonization model initiatives in the Minato Mirai 21 District, designated by the Ministry of the Environment as a “Decarbonization Leading Area,” as well as advanced water purification technologies at the Kawai Water Purification Plant and methanation technologies at Tokyo Gas Yokohama Techno Station were introduced. These demonstration sites showcased Yokohama’s urban infrastructure technologies for realizing a circular society to an international audience.

<p>Tour A Circularity in Building Materials</p>	<p>【TAISEI Corporation Technology Center】</p> <ul style="list-style-type: none"> Featured Japan’s first urban office Zero Energy Building (ZEB) demonstration facility, which has achieved net-zero annual energy balance, together with an experimental building and a renovated main building. The site introduced initiatives and technologies aimed at transitioning from energy efficiency to zero-energy performance. <p>【Upcycle Cabin】</p> <ul style="list-style-type: none"> Featured a small-scale building constructed using reclaimed materials and recycled resources. Designed for easy disassembly and reuse, it aims to reduce environmental impact while utilizing local resources.
<p>Tour B Carbon dioxide Capture and Utilization</p>	<p>【Tokyo Gas Yokohama Techno Station】</p> <ul style="list-style-type: none"> Conducts a demonstration experiment on methanation, in which methane, the main component of city gas, is synthesized using hydrogen produced from renewable energy and carbon dioxide generated from power plants and other sources. <p>【Tsurumi Waste-to-Energy Plant】</p> <ul style="list-style-type: none"> Functions as a supply hub for CCU collaboration by capturing and purifying carbon dioxide derived from waste incineration exhaust gases, linking urban waste treatment with the energy sector. The facility advances the decarbonization of waste management and the development of a model for carbon circulation within the city. *CCU: Carbon dioxide Capture and Utilization
<p>Tour C Promotion of Green Energy</p>	<p>【Yokohama City Hall】</p> <ul style="list-style-type: none"> Introduced a new City Hall designed under the concept of a Zero Energy Building (ZEB), which combines top-level energy efficiency and occupant comfort while promoting the local production and consumption of renewable energy. <p>【SDGs Locker】</p> <ul style="list-style-type: none"> Functions as a food loss reduction initiative through the installation of Bread Locker, which have been in operation since January 2024. The lockers enable the purchase of bread and other products from specialty stores that are still within their expiration date but would otherwise be discarded.
<p>Tour D Advanced Technology of Water Circulation</p>	<p>【Kawai Purification Plant】</p> <ul style="list-style-type: none"> Featured an environmentally friendly water purification plant that has achieved significant reductions in electricity consumption by utilizing natural energy generated from the height difference between the water source and the plant.
<p>Tour E Educating the Next Generation for a Sustainable Future</p>	<p>【Minato Mirai Honcho Elementary School】</p> <ul style="list-style-type: none"> Deepened understanding of Yokohama’s ESD and SDGs initiatives by engaging students with environmental issues and a circular society as their own concerns and take concrete actions. *ESD: Education for Sustainable Development

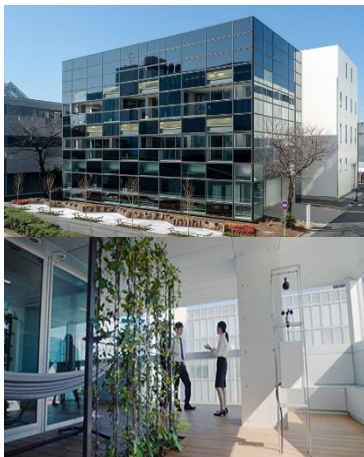
Pre-briefing was conducted at the Y-PORT Center Public-Private Partnership Office, GALERIO, including an overview of each tour course.



ASCC 2025 Site Visit Program Locations of Site Visit Facilities



A. Circularity in Building Materials
TAISEI Corporation Technology Center



B. Carbon dioxide Capture and Utilization
Tokyo Gas Yokohama Techno Station



C. Promotion of Green Energy
Yokohama City Hall



D. Advanced Technology of Water Circulation
Kawai Purification Plant



E. Educating the Next Generation for a Sustainable Future
Minato Mirai Honcho Elementary School





Tour A : Circularity in Building Materials

TAISEI Corporation Technology Center

At the TAISEI Corporation Technology Center, participants visited the ZEB demonstration building, the first urban office in Japan to achieve ZEB status, along with the experimental building and the renovated main building. The visit provided insights into technologies that enable the transition from energy efficiency to zero energy, including advanced building envelopes, high-efficiency systems, and the integration of renewable energy.

Participants also observed the Upcycle Cabin and the “Human Space Lab,” where strong interest was shown in energy-saving effects, monitoring systems, and the potential application of these technologies in urban environments.





Tour B : Carbon dioxide Capture and Utilization

Tsurumi Waste-to-Energy Plant

At the Tsurumi Waste-to-Energy Plant, participants observed a waste-to-energy system that combines waste incineration with power generation. They also received an explanation of a demonstration initiative that reuses CO₂ captured from incineration exhaust gases as part of the fuel, deepening their understanding of a decarbonization model based on the integration of urban infrastructure. Participants showed strong interest in this technology, raising specific questions regarding installation costs and the amount of CO₂ that can be captured.



Tokyo Gas Yokohama Techno Station

At the Tokyo Gas Yokohama Techno Station, participants visited methanation facilities that produce synthetic methane (e-methane) using hydrogen derived from renewable energy and captured CO₂. The visit introduced a local demonstration model that circulates hydrogen by utilizing CO₂ recovered from municipal waste incineration exhaust gases, as well as biogas and reclaimed water generated from sewage sludge treatment, providing insights into approaches for achieving carbon neutrality through the effective use of existing urban infrastructure.





Tour C : Promotion of Green Energy

Yokohama City Hall

At the Yokohama City Hall, participants visited a Zero Energy Building (ZEB) with top-level energy efficiency performance. The visit included observations of key energy-saving and energy-generating features, such as the double-skin curtain wall, eco-voids utilizing natural ventilation, and on-site power generation systems including fuel cells and photovoltaic panels.

They gained an understanding of the hybrid base-isolation structure, the placement of critical facilities on upper floors, and systems to secure emergency power and daily-use water for up to 7 days, as business continuity planning (BCP) measures that maintain City Hall operations during disasters, in addition to achieving significant reductions in energy consumption while maintaining a comfortable working environment.



SDGs Locker

SAF

Participants also observed SDGs Locker installed within City Hall, which contributes to the reduction of food loss and CO₂ emissions by providing bread and other products that are close to their expiration date or do not meet standard specifications through locker-type vending machines. In addition, they learned about initiatives to collect used cooking oil from households and utilize it as Sustainable Aviation Fuel (SAF). These initiatives left a strong impression as practical approaches that enable citizens to participate in SDGs and decarbonization efforts in their daily lives, integrated with the concept of an environmentally conscious government building.





Tour D : Advanced Technology of Water Circulation

Kawai Purification Plant

At the Kawai Water Purification Plant, participants visited a facility originally established in 1901. In response to aging infrastructure and seismic resilience challenges, the plant has been redeveloped under a PFI scheme, achieving both a stable supply of safe, high-quality water and improved energy efficiency through the introduction of membrane filtration technology.

During the visit, participants observed a demonstration of a simplified water filtration system, as well as on-site facilities including distribution reservoirs, photovoltaic panels, and the actual membrane filtration equipment. Many questions were raised regarding the operational structure and the division of responsibilities for facility maintenance and management, indicating strong interest in the PFI-based redevelopment approach and the project scheme adopting a BTO (Build Transfer Operate) model between the City of Yokohama and private operators.





Tour E : Educating the Next Generation for a Sustainable Future

Minato Mirai Honcho Elementary School

At Minato Mirai Honcho Elementary School, participants visited a public elementary school located in the Minato Mirai area, the economic and vibrant center of Yokohama. The visit provided insights into school education and human resource development that make use of diverse local resources.

Participants also learned about initiatives for international exchange using metaverse platforms and observed students' learning activities, deepening their understanding of Education for Sustainable Development (ESD). Strong interest was shown in the school's distinctive initiatives, including exchanges with elementary schools in Asia and efforts related to disaster preparedness.





Reference materials

[Lead City] Yokohama City

[Endorsement Cities] Centre for Liveable Cities (CLC) Makassar City Bangkok Metropolitan Administration Da Nang City

[Witness] CityNet

**Joint Open Letter from Asian City Leaders to International Organizations
and Stakeholders: Promoting Circular Cities in Asia**

Tuesday 25th November 2025,

Background

Since the launch of the Asia Smart City Conference (hereinafter referred to as “ASCC”) in 2012, Asian city leaders have been gathering annually in Yokohama to discuss and share best practices to address urban challenges faced by rapidly growing cities in Asia. Among these challenges, waste management has consistently been one of the top concerns.

At the same time, the extraction and processing of resources for the global economy are estimated to account for over 55% of greenhouse gas emissions driving climate change, up to 40% of health impacts caused by pollution, and more than 90% of global biodiversity loss. As cities are on the front lines of these global challenges, decoupling economic growth from resource consumption and reducing environmental impacts, through the transition to a circular city, has become an urgent and essential priority.

Circular Cities Declaration in Europe

Looking globally, Europe offers a leading example of regionally integrated efforts to promote a circular economy. ICLEI Europe with wide range of stakeholders launched the European Circular Cities Declaration, which guided circular transition across the continent. Building on these efforts, the Circular Cities Frontrunner Group, led by the City of Amsterdam, with support from ICLEI Europe and the Ellen MacArthur Foundation, has amplified the voices of city leaders to advocate for stronger policies reinforcing the critical role of cities in the circular transition.

Asian economies are increasingly recognizing the importance of the circular economy, with various initiatives emerging at the national, city, corporate, and community levels. City leaders gathering at ASCC also place high importance on balancing environmental sustainability with economic development. However, many cities still lack the necessary knowledge and experience to address this challenge. We expect the establishment of a regional mechanism to strengthen collective city actions toward a circular society as a region-wide effort to maximize impact.

Calling on International Organizations and Stakeholders

Practical support and collaboration with international organizations, city networks, businesses, and other stakeholders has played a significant role in achieving a sustainable urban environment in Asia. We therefore call upon international organizations and stakeholders to take the following actions, among others, to help

achieve a circular society in Asia:

- Establishing and managing a “Circular Cities Declaration” framework tailored to the context of Asian cities. In particular, we call on ICLEI Japan to consider serving as the secretariat to manage the framework.
- Providing opportunities for capacity building for city officials
- Supporting policy development
- Recognizing and awarding best practices
- Sponsoring and supporting the administration and implementation of projects under the Circular Cities Declaration framework in Asia



We believe that, with the commitment of international partners, we can make a significant impact on regional prosperity and create more sustainable and resilient urban environments.



Asian Circular Cities Declaration

ICLEI Japan announced the launch of the "Asian Circular Cities Declaration (ACCD)," a new initiative designed to promote circular cities across the Asian region. The City of Yokohama became the inaugural signatory, officially signing the declaration as the very first member city.

Cited data : <https://japan.iclei.org/en/news/asian-circular-cities-declaration-kickoff/>

Asian Circular Cities Declaration

In light of the socio-economic impact of the current crisis and of the ongoing climate emergency, we take this opportunity to commit to a circular recovery and a more resilient future. A systemic shift to a regenerative economic model is fundamental to achieving climate neutrality, fostering a thriving society, and keeping resource consumption within planetary boundaries.

A circular city is one that promotes the transition from a linear to a circular economy in an integrated way across all its functions in collaboration with citizens, businesses and the research community. This means in practice fostering business models and behavior which decouple resource use from economic activity by maintaining the value and utility of products, components, materials and nutrients for as long as possible, in order to close material loops and minimise harmful resource use and waste generation.


Through this circular transition, we seek to improve human wellbeing, reduce emissions, protect and enhance biodiversity, and promote social justice, in line with the Sustainable Development Goals.

P h i l o s o p h y

- Transitioning from a linear to a circular economy is central to our efforts to decouple economic growth from resource use, and achieve a climate neutral, fair and prosperous society.
- Local and regional governments have a critical role to play in achieving the systemic and transformative change required and must work actively with all levels of government and stakeholders from civil society, the private sector and the research community in this mission.
- Cities share a responsibility to pursue a circular future, even though effective approaches differ depending on development levels and available resources.
- Providing a shared, common vision of a circular city can help ensure we are all travelling in the same direction.

E f f e c t s

- Show leadership in choosing a resource efficient, low- carbon and socially responsible development path.
- Demonstrate our commitment to act across our administration.
- Collaborate with a group of like-minded, ambitious local and regional governments.
- Benefit from access to implementation support of expert organisations and networks from across Asia, Europe and the World.





By signing this declaration, we commit to using the levers at our disposal coherently across the organisation, including;

- 1 Establishing clear circular economy goals and strategies to provide a common direction for the local circular transition
- 2 Raising awareness of circular practices across our administration and amongst local citizens and businesses
- 3 Directly engaging local stakeholders from civil society, the private sector and the research community in the development of circular economy plans and initiatives, striving to make the transition inclusive and helping to nurture circular business models such as the sharing and repairing economy
- 4 Embedding circularity principles in urban planning, infrastructure and asset management procedures
- 5 Leveraging public procurement to promote the market for circular products and services
- 6 Applying economic incentives and seeking opportunities to use fiscal measures designed to encourage circular economic and social behavior
- 7 Fostering an enabling local regulatory framework which allows and encourages secondary material markets, repair, reuse and sharing schemes
- 8 Collaborating with national governments and institutions in Asia and beyond to establish an appropriate policy and regulatory framework for the circular transition
- 9 Monitoring the progress made and impacts of our circular economy activities
- 10 Reporting to ICLEI on progress in achieving the above commitments

City Name

Signature

Title

Date





Participating cities and organizations

■ Number of participating cities and organizations : 52

- India**
 - Andhra Pradesh Capital Region Development Authority
 - Habitat Forum (INHAF)
- Indonesia**
 - Ministry of National Development Planning
 - South Sulawesi Province
 - Makassar City
- Korea**
 - Seoul Metropolitan Government
- Malaysia**
 - Kuala Lumpur City
- Mongolia**
 - Hunnu City
 - Ulaanbaatar City
- Nepal**
 - Lalitpur Metropolitan City
 - Pokhara Metropolitan City
 - National Society for Earthquake Technology-Nepal
- Netherlands**
 - Amsterdam City
- Pakistan**
 - Karachi City
- Philippines**
 - Metropolitan Manila Development Authority
 - Baybay City
 - Calamba City
 - Cavite City
 - El Salvador City
- Philippines**
 - Mandaue City
 - Manila City
 - Marawi City
 - Quezon City
 - Samal City
 - San Carlos City
 - San Fernando City
 - Santa Rosa City
 - STO Tomas City
 - Tayabas City
 - League of Cities of the Philippines
 - PHIVIDEC Industrial Authority
- Singapore**
 - Centre for Liveable Cities
- Sri Lanka**
 - Colombo Municipal Council
- Taiwan**
 - Taipei City
- Tajikistan**
 - Dushanbe City
- Thailand**
 - Bangkok Metropolitan Administration
- Uzbekistan**
 - Namangan Region
 - Yangiyul City
 - Tashkent Consort Group LLC
- Vietnam**
 - Da Nang City
- Organization**
 - Asian Development Bank
 - Circle Economy Foundation
 - CityNet Secretariat
 - European Union
 - ICLEI Europe
 - Leiden University
 - OECD
 - UNDP
 - UNESCAP
 - UN-HABITAT
 - World Bank
 - World Economic Forum





List of Speakers

DAY 1 November 25 (Tue)

GREEN STAGE

Opening Session: Promoting Circular Cities (Part 1)

Role	Name	Affiliation
Speaker	Takeharu Yamanaka	Mayor, Yokohama City
Speaker	Hugh Lim	Executive Director, Centre for Liveable Cities, Singapore
Speaker	Munafri Arifuddin	Mayor, Makassar City
Speaker	Lertluck Leelaruangsang	Deputy Permanent Secretary, Bangkok Metropolitan Administration
Speaker	Le Thanh Tung	Deputy Director, Department of Finance, Da Nang City
Speaker	Jae-bok Chang	CEO, CityNet Secretariat
Speaker	Zita Pels	Deputy Mayor, Amsterdam City
Speaker	Jean-Eric Paquet	Ambassador Extraordinary and Plenipotentiary, Head of the Delegation of the European Union to Japan
Speaker	F. Cleo Kawawaki	Director General, Sectors Department 2: Agriculture, Food, Nature, Rural Development, Water, Urban Development and Digital Sectors, Asian Development Bank (ADB)
Speaker	Christoph Pusch	Program Manager, World Bank Tokyo Development Learning Center (TDLC)



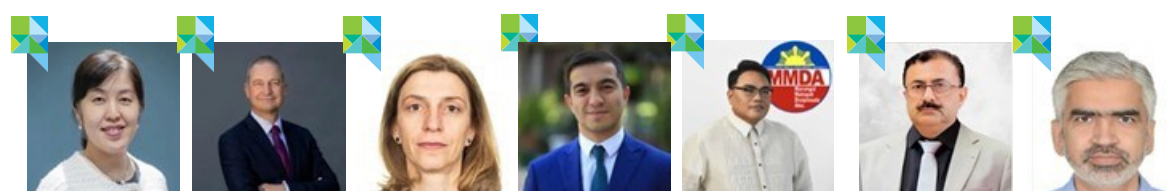
ADB/ADBI Session : Circular Cities for a Sustainable Future

Role	Name	Affiliation
Moderator	Joy Blessilda Sinay	Capacity Building Specialist, Asian Development Bank Institute (ADBI)
Speaker	Bambang Brodjonegoro	Dean and CEO, Asian Development Bank Institute (ADBI)
Speaker	Francois Jenny	Senior Urban Development Specialist, Waste Management, Asian Development Bank (ADB)
Speaker	F. Cleo Kawawaki	Director General, Sectors Department 2: Agriculture, Food, Nature, Rural Development, Water, Urban Development and Digital Sectors, Asian Development Bank (ADB)
Panelist	Ivonne Bojoh	CEO, Circle Economy
Panelist	Gunbold Baatar	CEO, Hunnu City Development Corporation SOE, Mongolia
Panelist	Arnold Tukker	Professor of Industrial Ecology, Institute of Environmental Sciences (CML), Leiden University
Panelist	A. Bhargav Teja	Additional Commissioner, Andhra Pradesh Capital Region Development Authority, India
Panelist	Kremena Ionkova	Global Lead for Solid Waste Management and Circularity, Infrastructure Vice Presidency, World Bank



World Bank Session : Addressing urban waste issues to promote a circular economy in Asia

Role	Name	Affiliation
Moderator	Rieko Kubota	Program Officer, World Bank Tokyo Development Learning Center (TDLC)
Opening	Christoph Pusch	Program Manager, World Bank Tokyo Development Learning Center (TDLC)
Framing	Kremena Ionkova	Global Lead for Solid Waste Management and Circularity, Infrastructure Vice Presidency, World Bank
Panelist	Murod Khusanov	CEO, Consort Group LLC, Uzbekistan
Panelist	Romando Salandanan Artes	Chairman, Metropolitan Manila Development Authority, Philippines
Speaker	Tariq Nizamani	Managing Director, Sindh Solid Waste Management Board, Local Government Housing & Town Planning Department, Government of Sindh, Pakistan
Panelist	Anwar Shar	Project Director, Local Government Department, Government of Sindh, Pakistan



CITYNET Cluster Seminar 2025 Urban Policy and Resilience in the Era of Climate Change

Role	Name	Affiliation
Opening Remarks	Hiroataka Sato	Deputy Mayor, Yokohama City
Opening Remarks	Jae-bok Chang	CEO, CityNet Secretariat
Speaker	Mariko Sato	Board Member, Japan Habitat Association
Moderator	Osamu Mizuno	Climate Change Program Director, The Institute for Global Environmental Strategies (IGES)
Panelist	Christopher Di Gennaro	Senior Program Officer, CityNet Secretariat
Panelist	Ayuko Kobayakawa	Deputy Director, Climate Change Science and Adaptation Office, Ministry of the Environment
Panelist	Donnie Ray Marquez	Chief, Research, Planning, and Special Projects Division, Registered Criminologist, Quezon City
Panelist	Daisuke Kuroiwa	Executive Director of Crisis Management Department, General Affairs Bureau, Yokohama City
Panelist	Nik Mohammed Faizal bin Nik Ali	Senior Deputy Director (Architect), Kuala Lumpur City Hall
Panelist	Lee Dong-Gil	Manager, Seoul Metropolitan Government
Closing Remarks	Tomomi Yamashita	Director General, International Affairs Bureau, Yokohama City



Joint proposals for the future of the city by students from universities in the city and abroad

Role	Name	Affiliation
Moderator	Nobuharu Suzuki	Professor, Yokohama City University Department of Urban Studies, School of International Liberal Arts
Panelist	Eri Aoki	Associate Professor, Yokohama City University Department of Urban Studies, School of International Liberal Arts
Panelist	Hsing-Hao Wu	Vice President, National University of Kaohsiung
Panelist	Students	Yokohama City University
Panelist	Students	National University of Kaohsiung
Reactor	Benazir Syahril	Senior Officer, ASEAN Secretariat
Reactor	Tran Ngoc Linh	Principal specialist, Urban Development Agency - Ministry of Construction, Vietnam



Co-Creation for a Circular Society in Asia

Role	Name	Affiliation
Moderator	Norio Tomioka	Executive Director of Global Networks Department, International Affairs Bureau, Yokohama City
Opening Greeting	Teruyuki Ito	Director General, JICA Global Environment Department
Panelist	Koji Maeshima	Senior Deputy Director, JICA Global Environment Department, Environmental Management and Climate Change Team 1
Panelist	Jose Carlos L. Cari	Mayor, Baybay City, Leyte Philippines
Panelist	Davaadalai Tumendalai	First deputy mayor for Economic Development and Infrastructure, Ulaanbaatar Mongolia
Panelist	Prettie Acop-Jalang	Assistant General Manager, SM GUUN Environmental Company, Inc.
Panelist	Gen Takahashi	Deputy General Manager, Sales & Marketing Dept., Global Business Div., Environmental Solutions Sector, JFE Engineering Corporation
Closing	Tadashi Matsumoto	Head of the National Urban Policy and Climate Resilient Cities, Unit Centre for Entrepreneurship, SMEs, Regions and Cities (CFE), OECD



Connecting Businesses for a Circular Future: Yokohama City Platform for Resource Circulation

Role	Name	Affiliation
Moderator	Takashi Oshima	Executive Director, Business Waste Management Department, Resources and Waste Recycling Bureau, Yokohama City
Panelist	Shinji Fujieda	CEO, GUUN CO.,LTD.
Panelist	Hiroyuki Haseba	President & CEO, J&T Recycling Corporation
Panelist	Ivonne Bojoh	CEO, Circle Economy



Decarbonizing the infrastructure that supports urban life

Role	Name	Affiliation
Moderator	Yuko Uchida	Economic Journalist / CEO, INNOVEDIA
Panelist	Shuji Okazaki	Executive Director of Zero Carbon Society Promotion Department, Zero Carbon and GREEN×EXPO Promotion Bureau, Yokohama City
Panelist	Nobusato Kobayashi	Corporate Fellow General Manager of ZEB & Smart Community Department, TAISEI CORPORATION Clean Energy & Environment Business Promotion
Panelist	Wataru Yokota	General Manager, Isuzu Motors Ltd



A circular society promoted at GREEN×EXPO 2027

Role	Name	Affiliation
Moderator	Yuri Takeda	Coordinator, Yokohama SDGs Design Center
Panelist	Noriko Ishizaka	Representative Director, Ishizaka Sangyo Co., Ltd.
Panelist	Hiroshi Noguchi	Assistant General Manager, Environmental Engineering Division, KAJIMA CORPORATION
Panelist	Misa Kenmiya	Executive Director for Sustainability Management, GREEN EXPO Association



Closing Session: Promoting Circular Cities (Part 2)

Role	Name	Affiliation
Speaker	Kazuhiko Takemoto	Chair, ICLEI Japan
Speaker	Piia Elo	Vice President, ICLEI Europe/Mayor, Turku City
Speaker	Kentaro Doi	Vice-Minister for Global Environmental Affairs, Ministry of the Environment, Japan
Speaker	Armida Salsiah Alisjahbana	Under-Secretary-General of the United Nations and Executive Secretary, Economic and Social Commission for Asia and the Pacific
Speaker	Sangmin NAM	Director, Environment and Development Division, United Nations Economic and Social Commission for Asia and the Pacific
Speaker	Togo Uchida	Director General, ICLEI Japan
Speaker	Bing Chomprasob	Chief Representative Officer, Japan, World Economic Forum
Speaker	Ivonne Bojoh	CEO, Circle Economy
Speaker	Jae-bok Chang	Chief Executive Officer, CityNet Secretariat
Speaker	Diana Torres	Regional Governance Advisor, UNDP
Speaker	Oddy Angelo	Programme Management Officer, Human Settlements, UN-Habitat Regional Office for Asia and the Pacific
Speaker	Takeharu Yamanaka	Mayor, Yokohama City



DAY 2 November 26 (Wed) BLUE STAGE

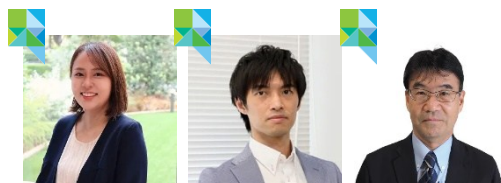
Realizing a Decarbonized Society from the Ocean Perspective -Trends in the Expansion of Floating Offshore Wind Power Deployment-

Role	Name	Affiliation
Moderator	Motohiko Murai	Professor, Graduate School of Environment, and Information Studies, Yokohama National University
Panelist	Stephen Baker OBE	Trade and Investment Envoy, Scottish Government
Panelist	Takashi Harada	General Manager, Ocean Renewable Energy Division, Toda Corporation
Panelist	Wataru Suzuki	General Manager, NYK Line, Green Business Group
Panelist	Hitoshi Nakamura	Director for Carbon Neutral Port Promotion, Port and Harbor Bureau, Yokohama City



Semiconductor Technologies Driving the Future of AI and Energy

Role	Name	Affiliation
Moderator	Akiko Yamaga	Acceleration Manager, TECH HUB YOKOHAMA / Yokohama Branch, Mitsubishi Estate Co., Ltd.
Panelist	Fumihiro Inoue	Associate Professor, Yokohama National University / Vice-Director Semiconductor and Quantum Integrated Electronics Research Center
Panelist	Masafumi Takahashi	Senior Fellow, Research, Strategy Planning Office, Frontier Technology R&D Institute, KIOXIA Corporation



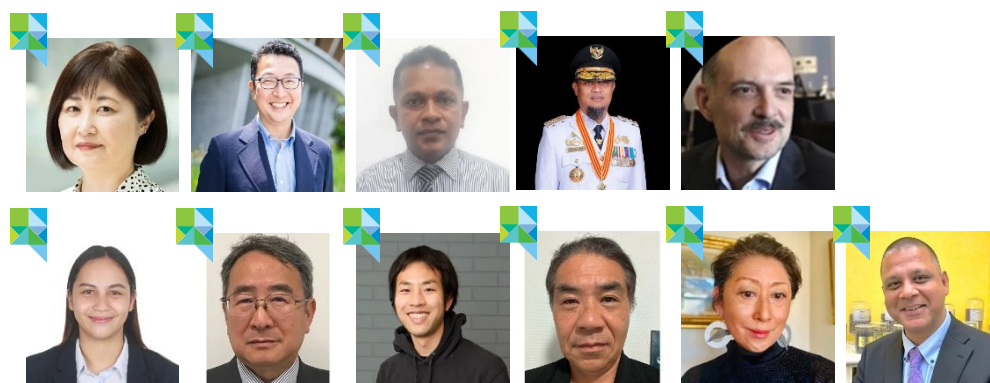
Mutual pitches between city and company representatives on urban issues and technological solutions (Part 1)

Role	Name	Affiliation
Moderator	Yasuhiro Yamaguchi	Partner, Carbon Free Consulting Co., Ltd.
Commentator	Tsuyoshi Kiyohara	Chief Strategy Officer, Carbon Free Consulting Co., Ltd.
Speaker	Munafri Arifuddin	Mayor, Makassar city, Indonesia
Speaker	Sadi Samadzod	Director, SUE "Smart city" under the Executive body of state power of Dushanbe City, Tajikistan
Speaker	Maolen Karla M. Boholano, En.P.	City Tourism Officer, Calamba City, Philippines
Speaker	Moe Takamura	Deputy Manager, Traffic Control System Division, Sales Dept, Kyosan Electric Mfg. Co., Ltd.
Speaker	Piyamas Puangsri	New Business Development Specialist, Murata Manufacturing Co., Ltd.
Speaker	Jun Donomae	Manager, AGC Inc., Architectural Glass Asia Pacific Company



Mutual pitches between city and company representatives on urban issues and technological solutions (Part 2)

Role	Name	Affiliation
Moderator	Yatsuka Kataoka	Programme Director, City Taskforce, Institute for Global Environmental Strategies (IGES)
Commentator	Yasuhiko Hotta	President, Asia Pacific Roundtable for Sustainable Consumption and Production (APRSCP) / Research Director, SCP Unit, Institute for Global Environmental Strategies (IGES)
Speaker	Ranasinghe Arachchige Manoj Chaminda Ranasinghe	Director Engineering, Colombo Municipal Council, Sri Lanka
Speaker	Andi Sudirman Sulaiman	Governor, South Sulawesi Province, Indonesia
Speaker	Thierry Martin	Senior Urban, Development Specialist, World Bank
Speaker	Nova Genessa P. Balili	Assistant City Administrator for Administration, Mandaue City, Philippines
Speaker	Motoyuki Okada	CEO, Finetech.co.,Ltd
Speaker	Shoki Matsuzaka	CEO, kitafuku, Inc.
Speaker	Kota Hayashi	Regional Manager, Sustainable Division, TOHO LEO CO
Speaker	Kaori Fujita	Director, HINODESANGYO CO.,LTD
Speaker	Gupta Vasu	Overseas Division Section Asst. Manager, NIHON GENRYO Co., Ltd.



Balancing Environmental Sustainability, Circular Economy, and Citizen Well-being

Role	Name	Affiliation
Moderator	Takehiko Nagumo	Representative Director, Smart City Institute Japan
Speaker	Kazutaka Kurobe	Director, Office of Environmental Planning, Ministry of the Environment Government of Japan
Speaker	Satoko Deguchi	Director for Data-Informed Management Division, Policy Administration Bureau, Yokohama City
Speaker	Airi Amemiya	Project Lecturer, Yokohama City University





Carbon Neutrality and Circular Economy Questionnaire

To identify the decarbonization needs of participating cities, a questionnaire survey was conducted. The survey and follow-up interviews covered the 6 items listed below, and responses were received from a total of 22 organizations, including cities and international organizations.

[Survey Items]

- A) Basic Information (Organization, Contact person)
- B) Status of Decarbonization Plan Formulation (Targets, Future vision, Priority projects, Challenges)
- C) Solutions for Decarbonization
(Urban Planning and Urban Development , Water Supply and Sewage, Energy, Waste Management,Transportation)
- D) Circular Economy Initiatives
- E) Interests in Business Matching with Solution Providers
- F) Motivations and Expectations for the ASCC 2025

List of Responded Organizations

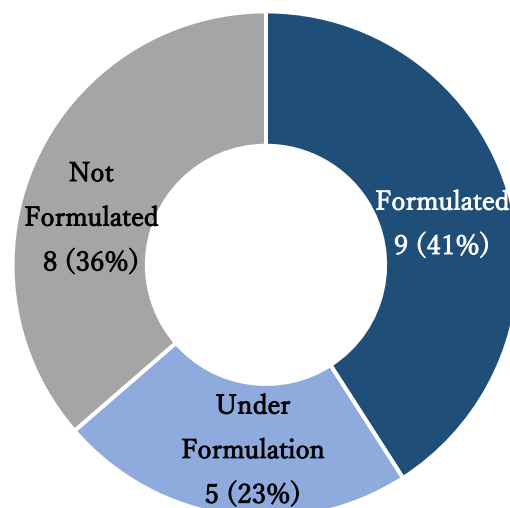
Central Asia	[Uzbekistan] Yangiyul City
East Asia	[Korea] Seoul Metropolitan Government [Taiwan] Taipei City
Southeast Asia	[Indonesia] Government of South Sulawesi Province / Makassar City [Thailand] Bangkok Metropolitan Administration [Philippines] Metropolitan Manila Development Authority/El Salvador City/Cavite City/Calamba City/Samal City/San Carlos City/San Fernando City/Santa Rosa City/Tayabas City/Baybay City [Vietnam] Da Nang City [Malaysia] Kuala Lumpur City
South Asia	[Sri Lanka] Colombo Municipal Council [Nepal] NSET (NGO) [Pakistan] Karachi City
Europe	[Netherlands] Amsterdam City

■ Status of Decarbonization Plan Formulation

Among the 22 organizations that responded to this item, 9 have already formulated decarbonization plans, 5 are currently in the process of formulating plans, and 8 have not yet formulated any plans.

Status of Decarbonization Plan Formulation

Respondents: 22 organizations



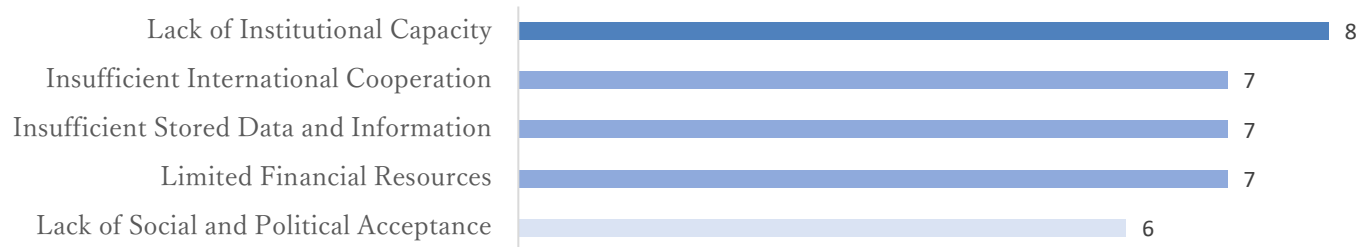


Carbon Neutrality and Circular Economy Questionnaire

Among the 8 organizations that have not yet formulated decarbonization plans, 6 identified all of the listed options as challenges. This indicates that many organizations face multiple constraints simultaneously when formulating decarbonization plans.

Challenges in Formulating Decarbonization Plans (Multiple Responses)

Respondents: 8 organizations without formulated plans



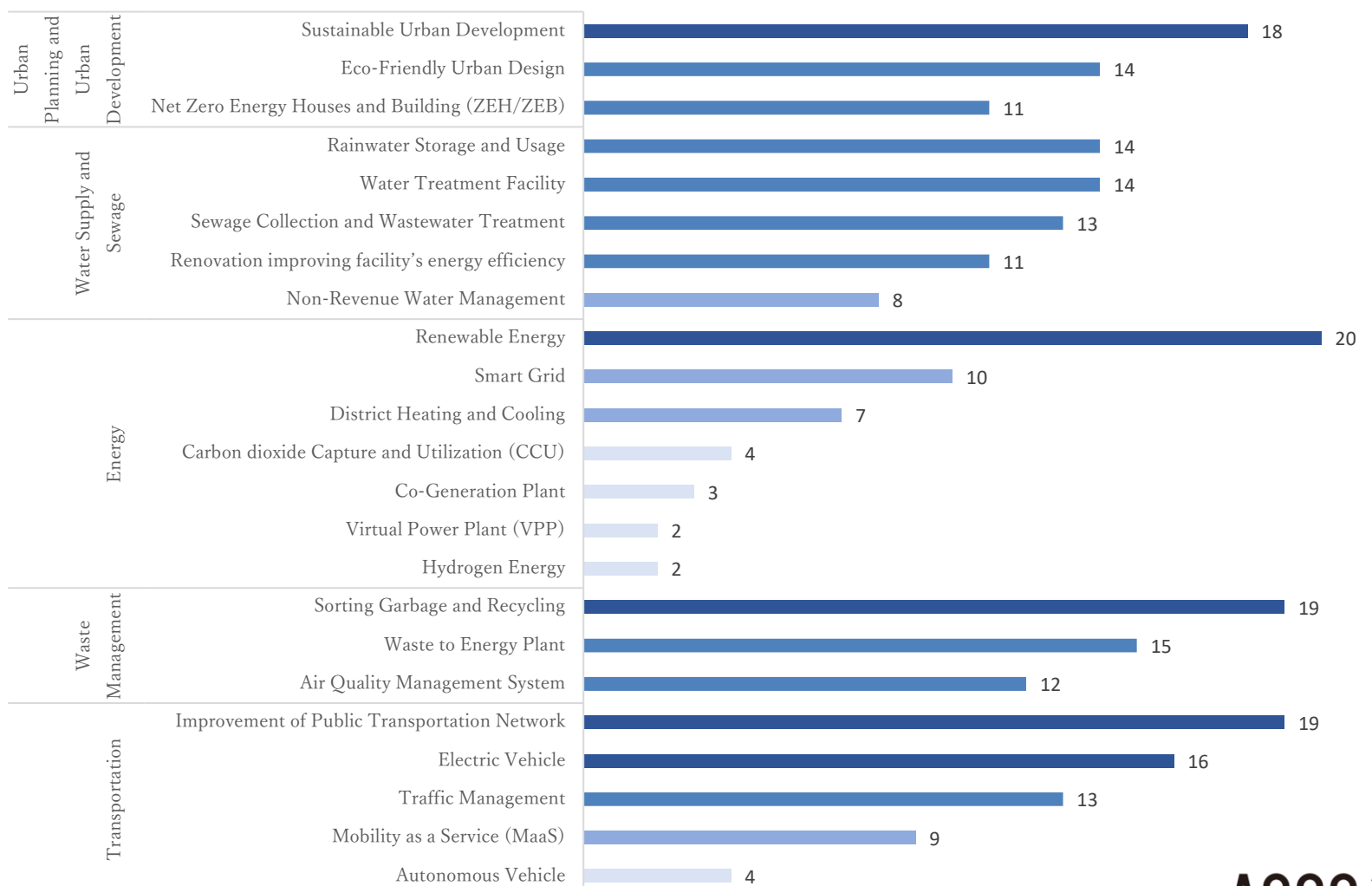
Interest in Decarbonization-Related Solutions

Regarding solution areas being considered to address challenges and promote decarbonization, strong interest was expressed across all sectors, including Urban Planning and Development, Water Supply and Sewerage, Energy, Waste Management, and Transportation (multiple responses allowed). Among individual solutions, the highest levels of interest were observed in Renewable Energy, followed by Waste Sorting and Recycling, Improvement of Public Transportation Network, Sustainable Urban Development, and Electric Vehicle, indicating a strong focus on areas directly related to urban structure and daily urban services.

In addition, interest was also confirmed in technologies that aim to achieve both decarbonization and resource circulation within the environmental infrastructure sector, such as Waste to Energy Plant, Rainwater Storage and Usage, and Water Treatment Facility.

Decarbonization Solutions of Interest (Multiple Responses)

Respondents: 22 organizations





Carbon Neutrality and Circular Economy Questionnaire

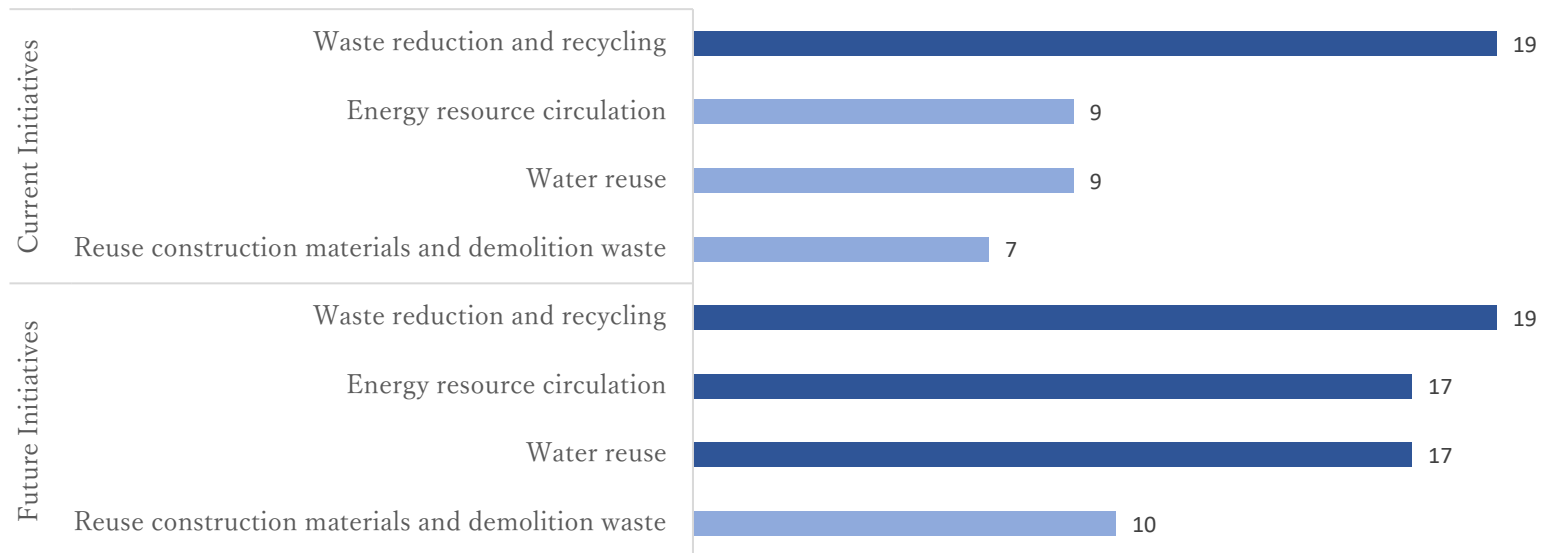
Current Status and Future Direction of Circular Economy Initiatives

At present, many organizations are implementing initiatives related to the circular economy, with a particular focus on waste reduction and recycling. 19 organizations reported that they are currently undertaking activities related to resource circulation.

Regarding future initiatives, in addition to waste reduction and recycling, strong interest was expressed in energy–resource circulation and water reuse. The results indicate an intention to build on existing efforts while expanding initiatives toward more comprehensive approaches to resource circulation and decarbonization.

Current Status and Future Direction of Circular Economy Initiatives (Multiple Responses)

Respondents: 22 organizations



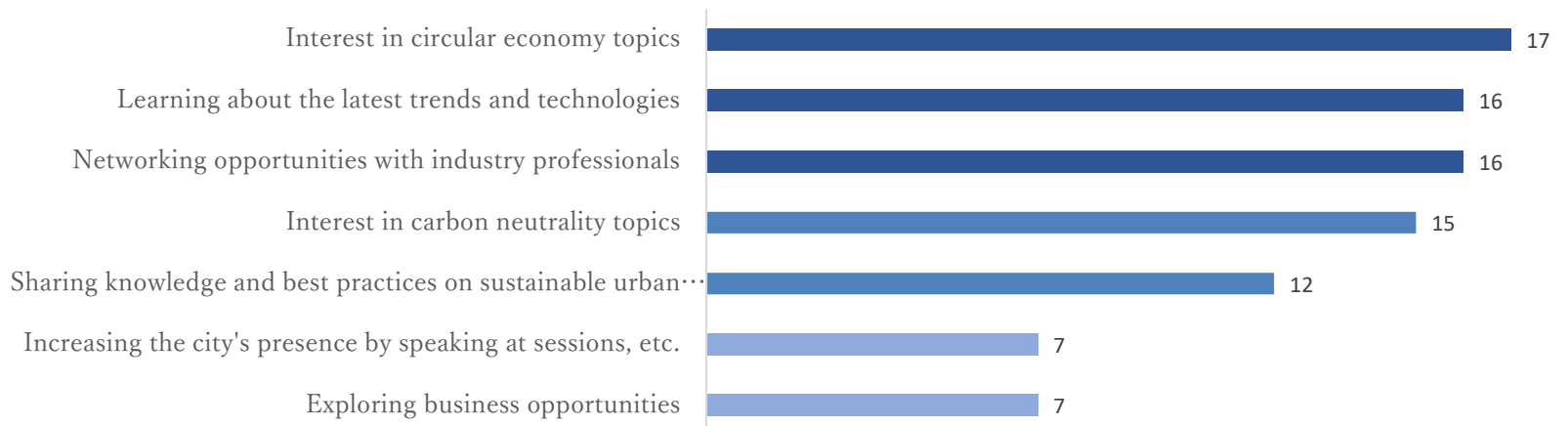
Motivations and Expectations for the ASCC 2025

Regarding motivations and expectations for participating in ASCC 2025, the most frequently cited reason was interest in circular economy topics. This was followed by learning about the latest trends and technologies and opportunities for networking with industry professionals.

These results suggest that participants and organizations view the conference as a valuable platform for gaining practical knowledge and insights related to circular economy policies and technologies, as well as for building professional networks.

Motivations and Expectations for the ASCC 2025(Multiple Responses)

Respondents: 22 organizations

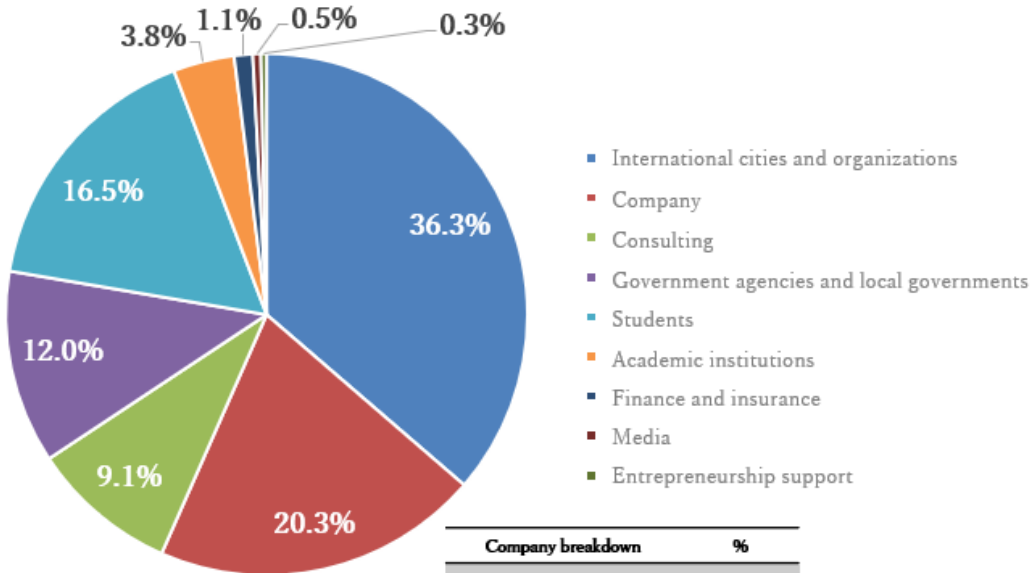




Attributes of Participants

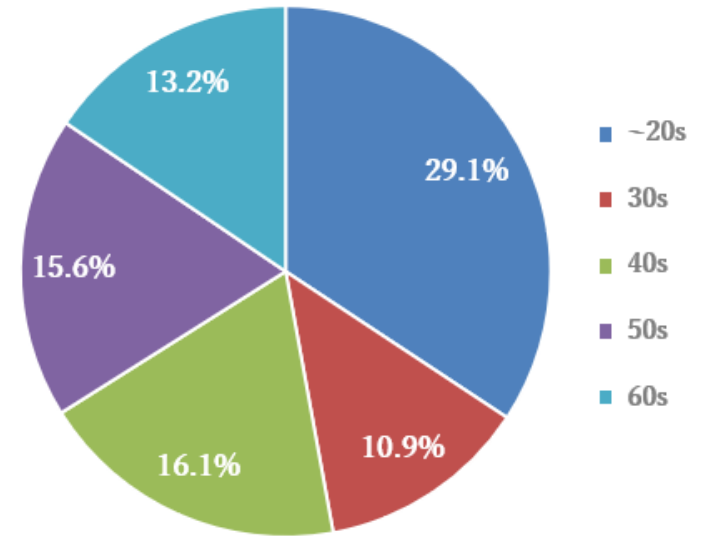
To gather participant data for the Asia Smart City Conference 2025, we have compiled the information provided in the pre-registration forms and the results of the post-event feedback survey.

Industry

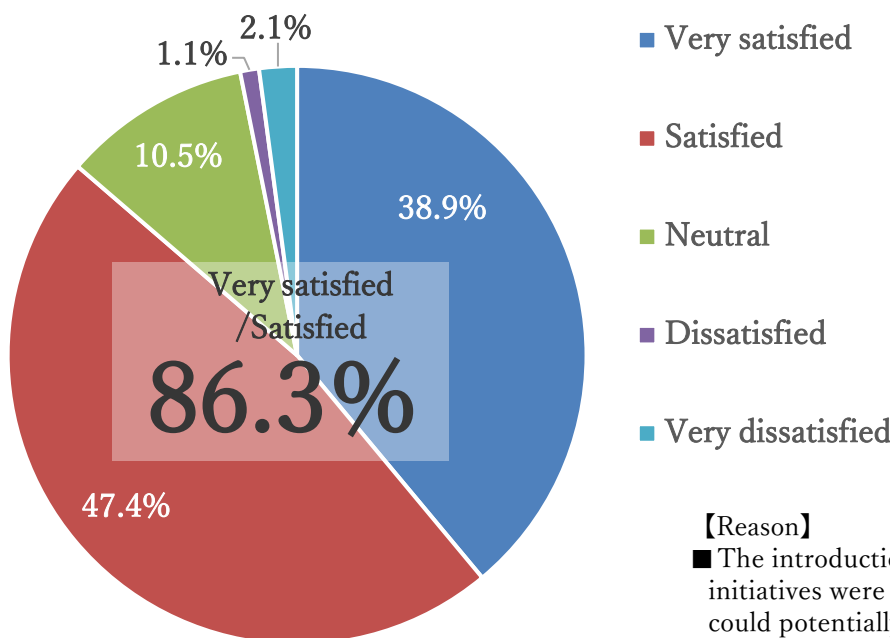


Company breakdown	%
Manufacturer	30.7
Services	24.1
Construction	19.0
Software/Information and Communications	12.5
Trading company	6.8
Wholesale/Retail	2.3
Transportation	4.5

Age



Degree of satisfaction



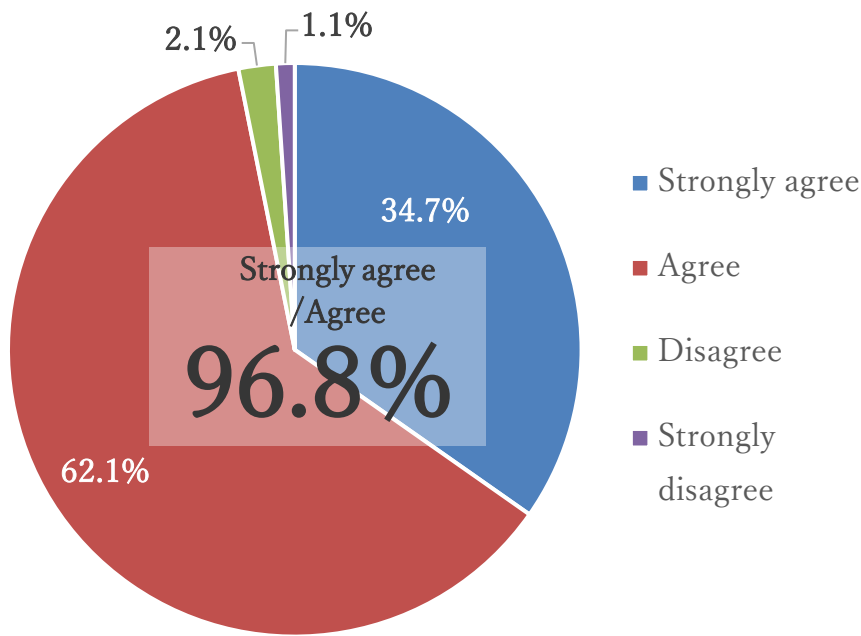
【Reason】

- The introductions to Yokohama companies that are working on sustainable initiatives were very good, and I was able to find some businesses that I could potentially do business within the future.
- Each of the wide-ranging sessions delved deeply into interesting topics and were very meaningful.
- In addition to being easy to participate in (access, free admission, atmosphere), the content was also great.
- Opportunity to learn new things and be able to share knowledge. Also it would be helpful if webinar or live broadcast of such program was done.
- I found the ASCC interesting and engaging. I love how different organizations across the globe are gathered either in-person or online.



Impressions from participants

Did it lead to business development?



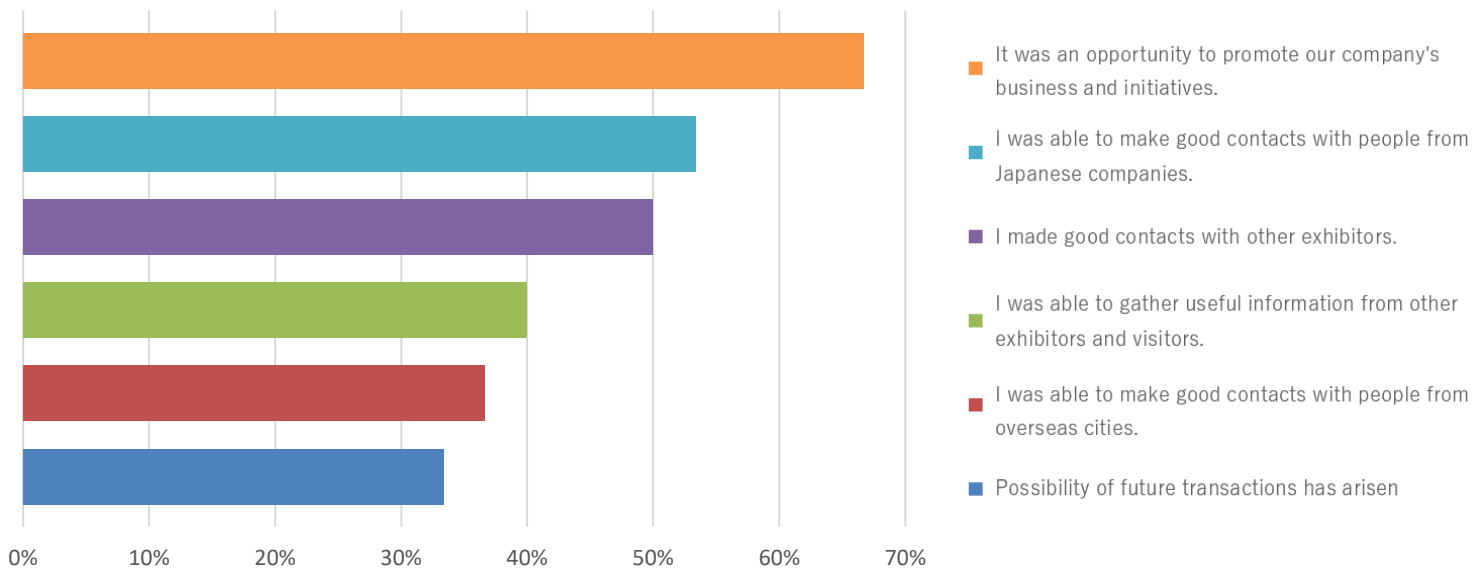
【Reason】

- I wanted to connect with companies in Yokohama that provide sustainable services, and I found several companies.
- I was able to meet and talk face-to-face with people from many cities in the Philippines, learn about their challenges, and propose solutions, which led to future business negotiations.
- There were booths from a variety of industries, which provided a good opportunity to learn about new solutions and initiatives.
- I was able to communicate with many international guests and learn from experts about smart cities and sustainability.



Exhibitors' impressions

What was good about the conference



Thoughts

- I was able to directly interact with city officials and companies from various Asian countries and get a grasp of the latest issues and trends.
- We were able to build a network with officials and companies from overseas cities, and concrete discussions were also held regarding future collaboration.
- It was a place where we could effectively communicate our company's initiatives.
- I was able to network with other exhibitors.
- We were also able to promote our company's activities to students.

Towards a Circular Society

