

Y-PORT CENTER GALERIO ANNUAL REPORT 2023-2024

GALERIO Activities





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INTRODUCTION

About GALERIO Committee

About GALERIO

GALERIO was established in 2020 in the Y-PORT Center Public-Private Partnership Office as a base for further accelerating the overseas transmission of Yokohama city solutions. GALERIO, equipped with communication functions and VR content, will hold international conferences and workshops with related parties in Japan and overseas. The name GALERIO is taken from the Esperanto language, which means Gallery in English, with the purpose of acting as a bridge between each language and culture. The name was given in the hope that it will be a place where people from Japan and overseas can easily gather together, where information on Yokohama's urban development and urban development can be summarized.

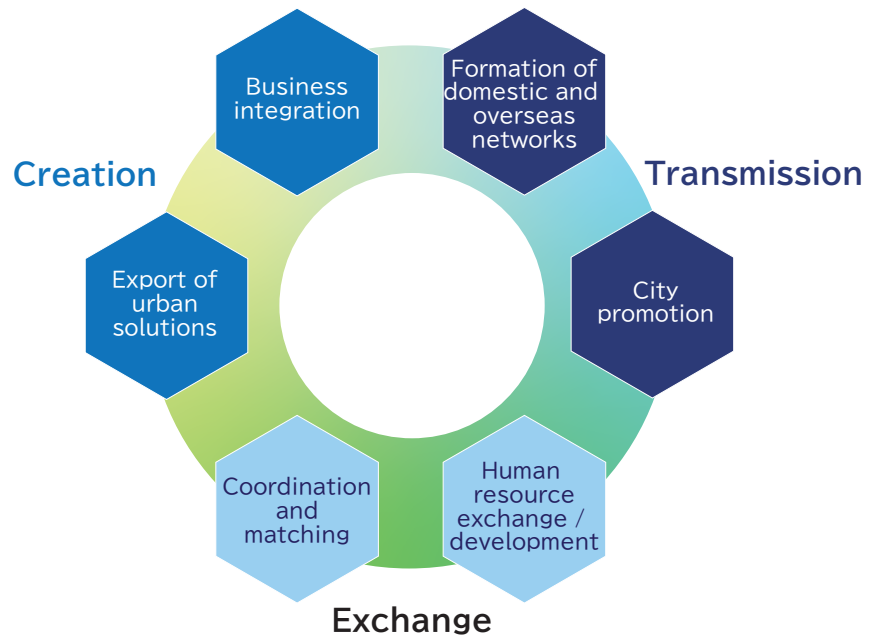
About GALERIO Committee

The GALERIO Planning Committee is a committee composed of the City of Yokohama and international organizations and academic institutions that have worked with the City of Yokohama in various ways. The GALERIO Planning Committee is an organization that realizes GALERIO's objective of disseminating Yokohama's urban solutions to the rest of the world.

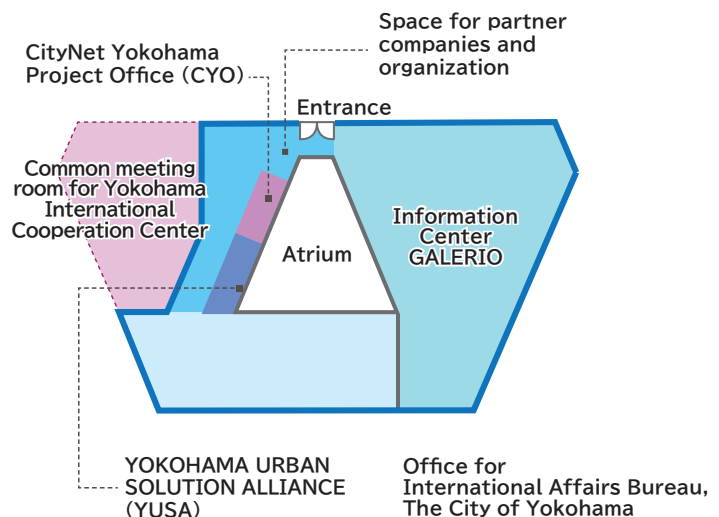
About GALERIO Annual Report

The GALERIO Annual Report is intended to be used as a communication tool for officials of local governments and developers who are responsible for urban development in Asian countries, by disseminating and sharing widely the contents of discussions held by the GALERIO Planning Committee, an overview of this year's Asia Smart City Conference, and the collaborative activities of GALERIO and each member organization of the GALERIO Planning Committee.

Three roles and six functions of GALERIO



Y-PORT Center Office



Yokohama International Organizations Center 6F,
1-1-1 Minatomirai, Nishi-ku, Yokohama, 220-0012, JAPAN

INTRODUCTION

About the Committee Members and their Relationship with the City of Yokohama



Asia Development Bank Institute

Connection with Yokohama City

- The Asian Development Bank (ADB) and the City of Yokohama signed a Memorandum of Understanding (MOU) to promote cooperation in 2013.
- Cooperation in the Asia Smart City Conference. ADBI has been participating as a co-organizer since the 7th conference onward.
- Following 2019, cohosted a workshop on solid waste management in 2023, bringing together global experts and solid waste management practitioners from local and central governments of 17 countries.

Mr. Tetsushi Sonobe



Institute for Global Environmental Strategies (IGES)

Connection with Yokohama City

- IGES and the City of Yokohama signed an Agreement on Collaboration and Cooperation in 2015.
- Currently cooperating in JICA Partnership Program for Danang City, Vietnam (Solid Waste Management Project for Promoting Segregation and Recycling in Danang City) and City-to-City Collaboration Programme between Danang City and City of Yokohama).
- Discussions on international cooperation methods using VLR.
- Collaboration in International Forum for Sustainable Asia and the Pacific (ISAP) organized by IGES

Ms. Yatsuka Kataoka



Smart City Institute Japan

Connection with Yokohama City

- City of Yokohama is a supporting member of SCI-J.
- Y-PORT project initiatives are widely disseminated to SCI-J members.

Mr. Takehiko Nagumo



Japan International Cooperation Agency

Connection with Yokohama City

- JICA and the City of Yokohama signed a Comprehensive Collaborative Agreement in 2011.
- The agreement includes cooperation through the Y-PORT project, JICA Partnership Programs, acceptance of Knowledge Co-Creation Program, Country/Area-Focused Training Course, and Training Program for Young Leaders by JICA, courtesy visits to city hall by Japan Overseas Cooperation Volunteers to City, delivery of lectures JICA Yokohama at city schools, and personnel exchanges of staff members.
- Cooperation in events related to our sister city's anniversary, Africa, and other areas.
- Cooperation in support for the restoration and reconstruction of Odesa, Ukraine.

Mr. Tatsuhiro Mitamura





World Bank Tokyo Development Learning Center

Connection with Yokohama City

- Through the City Partnership Program (CPP), drawing on TDLC's close connections with a number of Japanese cities, World Bank TDLC and the City of Yokohama holds a strategic partnership.
- Yokohama provides urban knowledge for "Technical Deep Dives (TDD)," an immersive knowledge exchange program organized by the World Bank TDLC for government officials from developing countries.
- Published "Yokohama Development Knowledge Sourcebook" through World Bank, a document that summarizes Yokohama's expertise and knowledge on urban development.



Mr. Christopher Pablo



Yokohama City University

Connection with Yokohama City

- Acting as an observer in the Yokohama International Cooperation Promotion Council, which was established to promote and strengthen international cooperation in Yokohama and cooperating and collaborating in the city's international cooperation projects.
- Cooperation in the development of international human resources by presenting "student proposals for future urban development towards the realization of the SDGs and the New Urban Agenda" at the ASCC.



Prof. Masahiko Nakanishi

YNU Yokohama National University

Connection with Yokohama City

- Yokohama National University and the City of Yokohama signed a Comprehensive Agreement on Cooperation and Collaboration for Urban and Regional Revitalization in 2013. The agreement promotes initiatives related to the development and exchange of human resources, urban revitalization, and promotion of industry and internationalization of the city and the region.
- City of Yokohama supported JICA Partnership Program (Project for Improving Energy Saving for Citizens in Danang, Vietnam), which was jointly proposed by Yokohama National University and Yokohama-based company Osumi Co., Ltd.
- Yokohama National University provided knowledge and expertise in the development of a 3D city model for GALERIO content.



Prof. Satoru Sadohara



YOKOHAMA URBAN SOLUTION ALLIANCE

Connection with Yokohama City

- YUSA and the City of Yokohama signed a partnership agreement in 2017.
- In May 2023, the City of Yokohama designated YUSA as a regional revitalization promotion corporation for the regional revitalization plan to create zero carbon ecosystem and is currently promoting the City of Yokohama Regional Revitalization Plan together.



Mr. Kazunari Doi

City of Yokohama

About

- The City of Yokohama promotes international projects based on the philosophy of growing with the world, including partnerships with overseas cities and international cooperation.
- The "International Technical Cooperation through Public-Private Partnership Utilizing Yokohama's Resources and Technology (Y-PORT) Project," which utilizes the city's urban development experience and corporate technology and know-how, has contributed to solving local urban problems in Asian cities in various fields such as waste recycling, water supply and sewage system development, and support for the introduction of green energy, together with local companies. Y-PORT Project" has contributed to solving local urban issues in Asian cities in various fields such as waste recycling, water supply and sewerage systems, and green energy.



Mr. Norio Tomioka

Feature 01

GALERIO Activities

Many collaborative activities with international organizations have been carried out at GALERIO. This feature will introduce the main activities.

Asian Development Bank Institute



ACTIVITIES ACHIEVEMENTS



- The City of Yokohama cooperated with ADBI's "Workshop on Strengthening Solid Waste Management Practices and Transitioning to a Circular Economy" and ADB's "Workshop on Strengthening Property Tax Management to Enhance Local Revenue." The workshop brought together 73 participants, including solid waste practitioners, resource persons, government officials from 12 countries. In addition to sharing knowledge of the city's municipal solid waste administration, which has responded to the changing times, including a significant reduction in waste through the promotion of the 3Rs, the participants also made site visits to a hands-on waste-related learning facilities.
- In the 12th ASCC, ADBI and ADB co-organized the session on "City Management to Achieve Carbon Neutrality" to discuss initiatives taken by cities across the region to promote decarbonization. ADBI also supported 11 participants from various cities in Asia and the Pacific, while ADB funded 11 city officials, wherein 3 officials served as speakers for the session.

Institute for Global Environmental Strategies



ACTIVITIES ACHIEVEMENTS

- In the JICA Partnership Program with Danang City (Solid Waste Management Project for Promoting Segregation and Recycling in Danang City), participants were introduced to cooperation projects with citizens and composting project by the Resources and Waste Recycling Bureau, City of Yokohama and visited factories of companies in Yokohama during the training in Japan. Yokohama's knowledge was shared with practitioners of waste separation activities in the pilot areas in Danang City, for better waste management in the future
- Faculty members from Danang University, with whom IGES has been collaborating in an environmental education project in Vietnam, visited Yokohama and interacted on the theme of Education for Sustainable Development (ESD) with Yokohama National University, which is working on energy-saving education through a JICA Partnership Project in Danang City.
- IGES organized the session "Decarbonized and Attractive Living" at the 12th ASCC and moderated the discussion on how governments, businesses, and citizens can work together to promote lifestyle changes in urban life. IGES also moderated the CITYNET session on "Promoting the SDGs through city networks" and discussed the potential of expanding VLR and decarbonization by leveraging the CITYNET network to realize SDGs in the Asia-Pacific region.

Japan International Cooperation Agency



ACTIVITIES ACHIEVEMENTS

- In May 2023, 10 officials from Ukrainian infrastructure-related ministries and local authorities, who had come to Japan under JICA's invitation program, visited the City of Yokohama. We shared our knowledge of urban development in reconstruction from the earthquake and war damage and introduced the city's infrastructure facilities through a site visit.
- Twenty-four members of the JICA Overseas Cooperation Volunteers, who are scheduled to be dispatched to developing regions for economic and social development and reconstruction, visited the City of Yokohama and exchanged information such as planned activities in their destination.
- At the 12th ASCC, JICA participated as reactors in the session "Research Presentation on Urban Issues by Japanese and International University Students" by students at Yokohama City University, providing expertise from the perspective of international cooperation and urban development and exchanging views with the students.

Smart City Institute Japan



ACTIVITIES ACHIEVEMENTS

- SCI-J organized the special forum "Challenges to Japanese Smart Cities to Enhance Well-Being of Citizens" and held a relay talk on promoting urban collaboration between Japan and global cities with the City of Yokohama, Urban Renaissance Agency, and JOIN. Discussions on Y-PORT project and human resource development took place.
- In November 2023, SCI-J hosted the Japan Pavilion at the "Smart City Expo World Congress," one of the world's largest smart city events, held in Barcelona, Spain. The City of Yokohama also exhibited a booth and made presentations to introduce the city's Y-PORT project, Y-SHIP, ASCC, and "Zero Carbon Yokohama" initiative, which aims for decarbonization by 2050.
- SCI-J organized a session titled "Case studies of Well-being Indicators and Policy through Industry-Academia-Government Collaboration" at the 12th ASCC to share the results of a comprehensive analysis of the current well-being status of Yokohama citizens using indicators. The participants discussed what kind of initiatives are being promoted on improving the sense of well-being of citizens and to eliminating the difficulties young people are facing in their lives, as well as how they contribute to the overall sense of well-being.

Yokohama City University



ACTIVITIES ACHIEVEMENTS

- At the 12th ASCC, students from Yokohama City University presented the results of a joint research by the International Academic Consortium for Sustainable Cities (IACSC)*, with Southeast Asian universities on "Issues and Responses Related to Urban Growth and Suburbanization".
- 20 students from Yokohama City University volunteered at the 12th ASCC, assisting with reception duties, venue guidance, and interviewing visitors, thereby taking advantage of the opportunity of an international conference to foster next generation global talents.
- In collaboration with the City of Yokohama, Yokohama City University conducted the Minato Mirai 21 Virtual Tour in GALERIO as part of the Yokohama City University Extension Course, utilizing a 3D city model of Minato Mirai 21 that enables visitors to look back on the past and present of the city in a virtual space.

*International Academic Consortium for Sustainable Cities (IACSC): An international academic network established in 2009 with an initiative of the Yokohama City University, aimed to solve urban issues in collaboration with top Asian universities

Yokohama National University



ACTIVITIES ACHIEVEMENTS

- Yokohama National University and Osumi Co., Ltd. conducted a training program in collaboration with the City of Yokohama for their JICA Partnership Program (Project for Improving Energy Saving for Citizens in Danang, Vietnam). The training included lectures on global warming countermeasures and a site visit of Yokohama City Hall.
- Yokohama National University held the "International Exploratory Program" in collaboration with the City of Yokohama for international students at Yokohama National University's Urban and Regional Society Course and International Infrastructure Studies Course. The Road and Highway Bureau of the City of Yokohama shared its knowledge on the history and status of Yokohama roads and road repairs and engaged in a lively discussion with the students on road projects, taking into account the differences in national and social systems.

YOKOHAMA URBAN SOLUTION ALLIANCE



ACTIVITIES ACHIEVEMENTS

- YUSA promoted business collaboration for companies seeking to expand overseas through specialist subcommittees among member companies, Y-PORT workshops, presentations to overseas visitors, and interactive events with the Yokohama Future Organization.
- YUSA, Yokohama-based companies, and the City of Yokohama worked together to propose projects to overseas cities and promoted the formation of overseas infrastructure businesses while taking maximum advantage of government support programs. YUSA's overseas liaison offices in Cebu, Danang, and Bangkok collected information on the needs of local companies and provided support for business matching and negotiations with Yokohama-based companies.
- At the 12th ASCC, YUSA and Mandaue City, a major city comprising the Metro Cebu area in the Philippines, signed a Memorandum of Understanding (MOU) to create urban solutions utilizing the technologies of member companies.

World Bank Tokyo Development Learning Center



ACTIVITIES ACHIEVEMENTS

- The World Bank TDLC, in its City Partnership Program (CPP) with six Japanese cities, conducted "Technical Deep Dive (TDD) on Cities and Climate Change," "TDD on Property Tax and Land Based Financing," and "TDD on Financing Quality Urban Infrastructure" in the City of Yokohama. In the "Global Environment Facility Indonesia Sustainable Cities Impact Project," city officials shared Yokohama's practices and experiences with the participants from emerging cities in Asia and other regions, and introduced the city's infrastructure facilities, such as the water treatment plant and Minato Mirai 21 district.
- World Bank TDLC led the invitation of cities as a co-organizer of the 12th ASCC and organized the session titled "Designing Livable and Thriving Cities," introducing findings and policy tools for climate change mitigation outlined in two newly published World Bank reports. The session also discussed various municipalities' policy tools for climate change, actions against the urban heat island effect, and the nature of administrative support.

| The City of Yokohama

(1) Y-PORT Projects

ACTIVITIES

- Since 2012, the City of Yokohama has been hosting an international conference, the Asia Smart City Conference. For the 12th conference (2023), under the main theme of "Asian cities together towards Zero Carbon," we shared knowledge, know-hows and best practices about urban development that society is currently seeking. We also aimed to provide a meeting place for a wide range of key players and create further business opportunities for the creation of economically, socially, and environmentally sustainable cities. A site visit tour of urban infrastructure facilities and a special lecture by a Stanford University professor at GALERIO were held as a pre-conference event.
- We hosted 31 site visits for approximately 810 people from overseas (government agencies and cities of various countries, JICA Partnership Program, UNDP training program on circular economy, ADB and ADBI workshop on solid waste management, World Bank TDLC TDDs, etc.). In addition, a wide variety of exchanges were held, including international organization events and city-to-city discussions with overseas partners.
- In collaboration with YUSA, the City of Yokohama have conducted business matching between local companies and overseas (business exchange at ASCC, etc.), Y-PORT workshops, promotion of exchanges with the Yokohama Future Organization. We will continue to activate GALERIO as a base for "information transmission," "exchange," and "creation".

(2) Collaboration with in-house organizations



ACTIVITIES ACHIEVEMENTS

- The Inter-University Centre for Japanese Language Studies (IUC) held a graduation ceremony, where about 50 IUC students, who are expected to play active roles in the world in the future, presented their original research on Japanese culture, politics, and economy in high-level Japanese.
- The International Tropical Timber Organization (ITTO) and the Environmental Planning Bureau of Yokohama co-hosted a summer class for elementary school students in the city titled "Let's Protect the Forest by "Using Them" (Kodomo Adventure College)". The Japan Foundation, in cooperation with the Ministry of Foreign Affairs of Japan, held a global career guidance for young talents seeking international cooperation and international organizations, and the Food and Agriculture Organization of the United Nations (FAO) and others participated in the Youth Biodiversity Symposium 2023 in Yokohama, organized by the Environment Planning Bureau and others.
- In order to effectively communicate the activities of Yokohama International Organizations Center and their projects in collaboration with the City of Yokohama both domestically and internationally, a PR corner has been set up in GALERIO to promote its tenant organizations to visitors.

*Tenant Organizations of Yokohama International Organizations Center: International Tropical Timber Organization(ITTO), Inter-University Center for Japanese Language Studies(IUC), Yokohama Association for International Communications and Exchanges (YOKE), World Food Programme (WFP), Food and Agriculture Organization of the United Nations (FAO) Liaison Office in Japan, International Fund for Agricultural Development(IFAD) Japan Office, CITYNET Yokohama Project Office (CYO), Yokohama Urban Solution Alliance (YUSA)

Column:

City-to-City cooperation promoted by the Y-PORT project

The City of Yokohama has been implementing the “International Technical Cooperation through Yokohama Partnership of Resources and Technologies (Y-PORT) Program” in order to utilize its experiences in urban development and technologies and know-how of private sector to help cities in emerging economies to solve their urban issues and also Yokohama companies to expand their businesses overseas. This article features city-to-city collaboration with Bangkok in Thailand, Danang in Vietnam, and Metro Cebu in the Philippines.

Technical Cooperation and City-to-City Collaboration with Bangkok

Since signing a memorandum of understanding (MOU) on technical cooperation with Bangkok Metropolitan Administration (BMA) in 2013, the City of Yokohama has provided technical cooperation, including support for the formulation of the BMA Climate Change Master Plan. Policy dialogue and business exchanges between the two cities based on this MOU have led to local business projects, including a roof-mounted solar power generation project by Yokohama City company Fintech Inc. in Bangkok. The company's business is expected to reduce carbon dioxide emissions by approximately 844 tCO₂ per year by utilizing the JCM (Joint Crediting Mechanism) promoted by the Ministry of the Environment.

On July 4, 2023, the Director General of the International Affairs Bureau of the City of Yokohama visited BMA to deliver a new three-year MOU to the Governor of Bangkok. The Governor expressed his expectations for further cooperation with Yokohama toward decarbonization. Based on the MOU, the two cities will form projects with companies in Yokohama under the “City-to-City Collaboration for Zero-carbon Society” initiative adopted by the Ministry of the Environment and promote efforts toward decarbonization. In addition, the Office of the City of Yokohama Representative to Southeast and South Asia will continue to promote open innovation and next-generation talent exchange between companies located in the two cities.

The City of Yokohama, together with the Overseas Environmental Cooperation Center, Japan (OECC), the Yokohama Urban Solution Alliance (YUSA), and companies in the city, is working on the above-mentioned city-to-city collaboration project adopted in FY2022 under a three-year plan. This project aims to introduce Japanese decarbonization technologies to Bangkok by utilizing the experience of the City of Yokohama, assist the BMA in formulating an energy action plan, and conduct business matching between companies, while utilizing the JCM. In July 2023, the kick-off meeting for the project's second year was held with the Department of Environment – the counterpart of BMA – and the implementation plan and schedule for this year was confirmed, including efforts to generate business opportunities based on the local needs assessment conducted in the previous year.



Furthermore, proposals by YUSA members and Yokohama-based companies Koei Shoji Co., Ltd. and Carbon Free Consulting Corporation, were selected by the Ministry of the Environment of Japan for a project to promote the overseas expansion of Japan's recycling industry. The Thai Government is aiming to achieve both economic growth and environmental conservation under the BCG (Bio-Circular Green) economic. Therefore, Koei Shoji and Carbon Free Consulting will investigate the feasibility of a project for the proper management of electrical and electronic waste (proper disposal and recycling) in BMA and Chonburi Province in order to prevent environmental damage and unauthorized data leakage due to the increase in the volume of IT equipment waste resulting from Thailand's economic growth. These Yokohama companies plan to conduct workshops and other activities in Thailand, taking advantage of the Office of the City of Yokohama Representative to Southeast and South Asia, YUSA's network, and the inter-city collaboration between Yokohama City and Bangkok Metropolitan Administration.



City-to-City Collaboration with Da Nang City



Since signing a memorandum of understanding (MOU) on technical cooperation with Da Nang City in 2013, Yokohama has held an urban development forum every year as part of its efforts. The 12th urban development forum in January 2024 was held in Da Nang City for the first time in four years. Four subcommittees were held in accordance with the priority areas of cooperation with Da Nang: eco-industrial park, waste management, smart city development, and SDGs/VLRs (Voluntary Local Review), and participants discussed how to proceed with the realization of each proposal.

The business matching seminar was jointly hosted by YUSA, Japan Platform for Redesign: Sustainable Infrastructure (JPRSI) of the Ministry of the Environment of Japan, and Da Nang Young Business Association (YBA), and seven companies from Yokohama gave presentations of their technologies. The seminar received a lot of interest from Da Nang. The main meeting started with greetings from the Vice Chairman of the municipal People's Committee, the Director General of the International Bureau of the City of Yokohama, and the Consul General of Japan in Da Nang, followed by presentation from international organizations

World Bank, ADB, and UNESCAP. Both cities proposed to the Vice Chairman of Da Nang City the contents discussed at the previous day's subcommittee meetings and confirmed future cooperation such as support for VLR formulation.

Mr. Chinh, Chairman of the municipal People's Committee, has requested for technical cooperation including sharing Yokohama's knowledge on sustainable urban development. The Director General of the International Bureau of the City of Yokohama proposed the promotion of decarbonization through utilizing technologies of Yokohama-based companies and disseminating advanced initiatives of Da Nang City at the Asia Smart City Conference and other events. In addition, four companies from Yokohama introduced their technologies to Da Nang City. Yokohama will continue to promote the Y-PORT project by deepening cooperation with Da Nang City, other overseas cities, and international organizations.



Acceptance of Waste Management Training Programs

The City of Yokohama has been providing technical cooperation to Danang City since signing a MOU in 2013. Currently, in the field of waste management, Yokohama is working with the Institute for Global Environmental Strategies (IGES) to promote waste segregation in Danang City under the JICA Partnership Program. The project is currently supporting waste sorting activities in the pilot area to reduce the volume of waste in Danang City. During the training program in early September 2023, the Deputy Director of the Danang Department of Natural Resources and Environment and other working-level officials visited Japan and were introduced to cooperation project with citizens and composting project by the Resources and Waste Recycling Bureau, City of Yokohama and also visited private plants in the city. We will continue to promote technical cooperation, aiming to solve waste management issues in Danang City and to utilize environmental technologies of Yokohama-based companies.

In the ADB training program held also in early September 2023, a total of 61 ADB officials and waste management practitioners from the central and local governments of 17 countries, including BMA and Metro Cebu, with which the Y-PORT project is collaborating, visited the City of Yokohama and were introduced to the initiatives of the Resources and Waste Recycling Bureau, and made a site visit to the "Pre-Park Sakae," a hands-on learning facility for waste management. This training was a continuation of the previous well-received waste management training in 2019. Mandaue City in the Philippines shared their efforts on waste sorting and initiatives toward becoming an environmental city, based on the significant progress in sorting household waste after learning about waste management from the Resources and Waste Recycling Bureau Office, City of Yokohama in the previous training. Currently, Mandaue City is working on further

environmental improvement in cooperation with Guun Co., Ltd., a Yokohama-based company, that completed the construction of a local recycling plant for waste plastics in 2017.



Feature 02

The 12th Asia Smart City Conference

Asia Smart City Conference Pre-Conference Event

This feature introduces the pre-conference event of the 12th Asia Smart City Conference held at GALERIO.

Overview

The 12th Asia Smart City Conference (ASCC)

Background of the Asia Smart City Conference (ASCC)

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.

This year’s 12th ASCC, for the first time in four years, was held face-to-face with the main theme of “Asian cities together towards Zero Carbon”. We shared knowledge, know-hows and best practices about urban development that society is currently seeking. We also aimed to provide a meeting place for a wide range of key players and create further business opportunities for the creation of economically, socially, and environmentally sustainable cities.

Features of the 12th ASCC

The 12th ASCC was held as the main conference of Y-SHIP 2023, launched by the City of Yokohama. Y-SHIP is an international convention that aims to achieve open innovation by inviting professionals and businesses involved in Green Transformation (hereinafter referred to as “GX”) from across Japan and the world to come together in Yokohama. By holding the ASCC in unison with Y-SHIP 2023, we powerfully communicated the vision of a sustainable city from the City of Yokohama to the world as a showcase of a new society through green innovation in preparation for GREEN×EXPO 2027.

In collaboration with the Asian Development Bank / Asian Development Bank Institute and World Bank TDLC, the co-organizers of ASCC, 44 international cities and government agencies participated in the conference and shared their decarbonization practices.

Basic Information of the 12th ASCC

[Dates] November 13 (Mon) through 15 (Wed), 2023

*Pre-conference Event was held on November 13.

[Venue] PACIFICO Yokohama North

[Organizer] City of Yokohama

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

[Supporters]

Cabinet Office, Government of Japan/ Ministry of Foreign Affairs, Japan/ Ministry of Finance, Japan/ Ministry of Economy, Trade and Industry, Japan/ Ministry of Land, Infrastructure, Transport and Tourism, Japan/ Ministry of the Environment, Japan / CITYNET / Japan International Cooperation Agency (JICA) / UNDP Representative Office in Japan / Japan External Trade Organization (JETRO)

[Theme] Asian cities together towards Zero Carbon

[Planning]

GALERIO Planning Committee (alphabetical order)
Asian Development Bank Institute (ADBI) / Japan International Cooperation Agency (JICA) / Smart City Institute Japan (SCI-Japan) / World Bank Tokyo Development Learning Center (TDLIC) / Institute for Global Environmental Strategies (IGES) / YOKOHAMA URBAN SOLUTION ALLIANCE (YUSA) / Yokohama National University / Yokohama City University / International Affairs Bureau, City of Yokohama

[Number of Countries]

45 regions and countries (Y-SHIP)

[Number of Participants]

Around 2,000 on-site and 700 online (Y-SHIP)

The 12th ASCC Schedule

The 12th ASCC focused on the main theme of “Asian cities together towards Zero Carbon,” with sessions aimed to discuss how to realize an effective decarbonized society, how to create a city with hope through decarbonization, and how to expand the city network of decarbonization.

- **Main session:** Yokohama led the joint declaration for decarbonization of Asian cities.
- **Thematic session:** To share best practices and to discuss future directions among cities
- **GX business matching sessions and exhibition:** To create business opportunities for companies between Japan/Yokohama and overseas in conjunction with thematic sessions
- **Youth event:** To foster the next generation through presentations and discussions of research by students

| Date and Time | | Program |
|---------------|-------------|---|
| Nov.13 (Mon) | 13:00-17:00 | Site Visit of Urban Infrastructure Facilities |
| | 10:00-11:00 | Opening and Keynote Speech |
| Nov. 14 (Tue) | 11:00-12:30 | [Youth Event] Research Presentation on Urban Issues by Japanese and International University Students |
| | | [Thematic Session 1] City Management to Achieve Carbon Neutrality |
| | 13:00-15:30 | [Thematic Session 2] Designing Livable and Thriving Cities |
| | 15:30-17:30 | [GX Business Matching] Philippines and Japanese Companies' Business Matching |
| | 17:30-19:00 | Reception |
| Nov. 15 (Wed) | 10:00-10:30 | Greetings from the Organizer |
| | 10:30-11:30 | [Main Session] Joint Statement for Zero Carbon in Asia |
| | 11:00-12:30 | [Thematic Session 3] Case Studies of Well-Being Indicators and Policy through Industry-Academia-Government Collaboration |
| | 11:30-12:45 | [Thematic Session 4] Inclusive Transition towards Decarbonized and Attractive Living |
| | 13:00-14:30 | [Thematic Session 5] Sustainable Development Led by Public Private Partnership towards Zero Carbon in Japan and Overseas |
| | 13:00-15:00 | [Thematic Session 6] Promoting the SDGs through City Networks -Starting with VLR- |
| | 15:00-16:45 | [GX Business Matching] Vietnamese and Japanese Companies' Business Matching |
| | 17:00-17:10 | Closing Remarks |

GX Business Exchange /
Exhibition

November 13 (Mon) 13:00-17:00

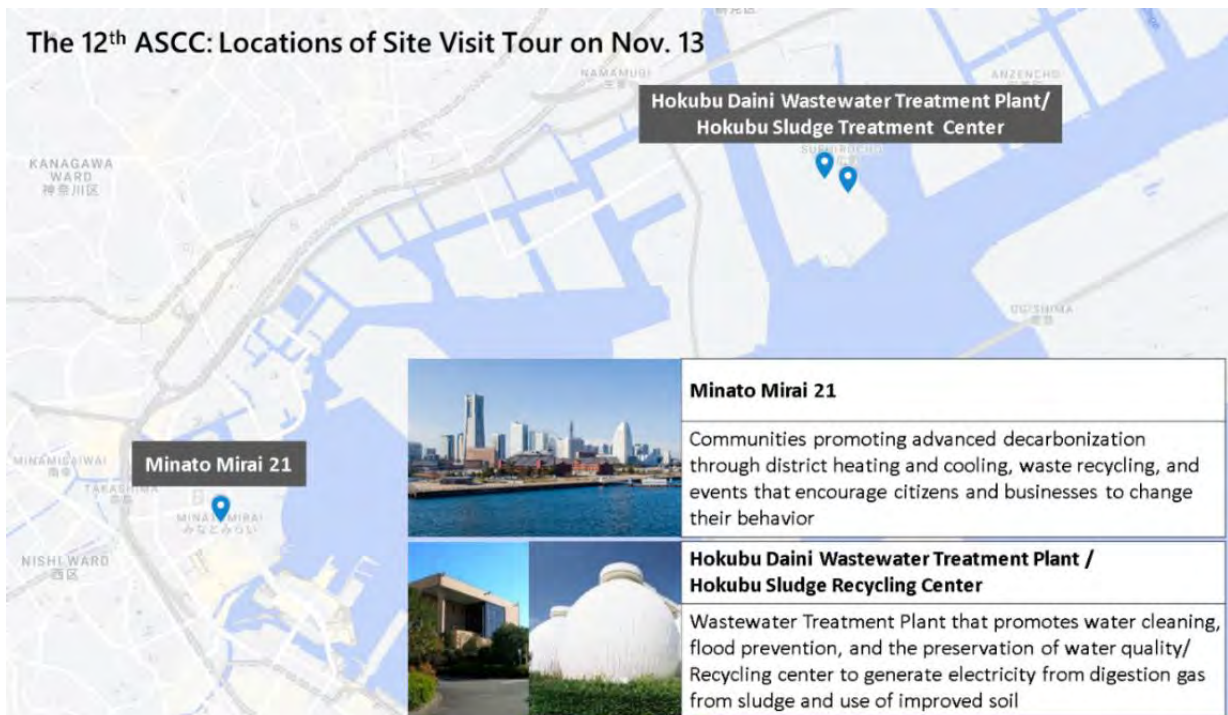
Pre-Conference Event


Site Visit of Urban Infrastructure Facilities

Site visit tour of urban infrastructure facilities in Yokohama was conducted for invited cities and organizations. There were four types of tour as listed in the table below, with a total of 100 participants from 20 countries. Tour A focused on advanced business district of Minato Mirai 21, recognized as a “Decarbonization Leading Area” by the Government of Japan. Tour B showcased a wastewater treatment plant and sludge recycling facility in Tsurumi ward that utilizes circular-oriented technologies.

| Course | Visited Facilities |
|---|--|
| Tour A1 Minato Mirai 21 Promotion of Green Energy | [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. |
| Tour A2 Minato Mirai 21 R&D Hub and Liveliness | [Mulabo!] Mulabo! is an R&D center operated by Murata Manufacturing that features hand-on exhibits teaching the basics of electricity. [Yokohama Landmark Tower] Highest building in Yokohama that adopts renewable energy sources and promotes waste recycling and wastewater reuse. |
| Tour A3 Minato Mirai 21 Eco-Friendly MICE and PPP | [Pacifico Yokohama] World-class convention complex committed to turning all waste generated in facility into resource. A circular economy is achieved by supplying electricity generated from industrial waste and biomass power from food waste to the neighboring district. |
| Tour B Advanced Technology of Water Circulation | [Wastewater Recycling Center] Promotes water cleaning, flood prevention, and the preservation of water quality. [Sludge Treatment Center] Generates electricity from digestion gas of sewage sludge and improved soil for landfill. |


The 12th ASCC: Locations of Site Visit Tour on Nov. 13





Minato Mirai 21

Communities promoting advanced decarbonization through district heating and cooling, waste recycling, and events that encourage citizens and businesses to change their behavior



Hokubu Daini Wastewater Treatment Plant / Hokubu Sludge Recycling Center

Wastewater Treatment Plant that promotes water cleaning, flood prevention, and the preservation of water quality/ Recycling center to generate electricity from digestion gas from sludge and use of improved soil

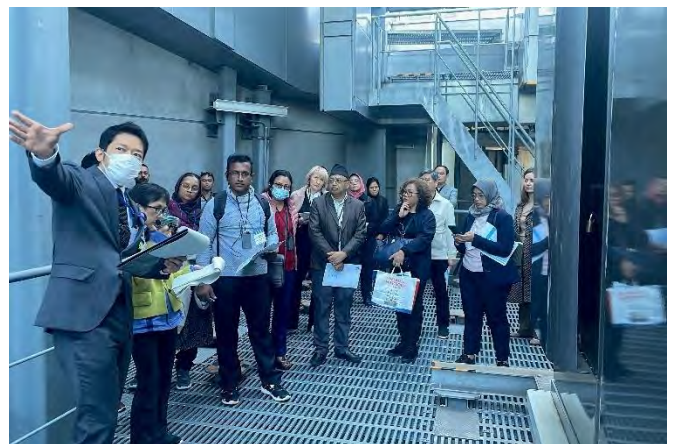
Tour A1

MM21 | Promotion of Green Energy

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.

Yokohama City Hall

The participants observed architectural environmental technologies such as double-skin curtain walls and eco-voids, as well as electrical facilities such as fuel cell and solar power to generate power to be used in the municipal building. Moreover, hybrid seismic isolation which combines seismic isolation device and motion control device was introduced, which was implemented as a Business Continuity Plan (BCP) measure to ensure business continuity even during disasters.



Tour A2

MM21 | R&D Hub and Liveliness

The participants visited Mulabo! operated by Murata Manufacturing, and the Landmark Tower, which promotes the usage of renewable energy, waste recycling and the use of reclaimed water from wastewater.

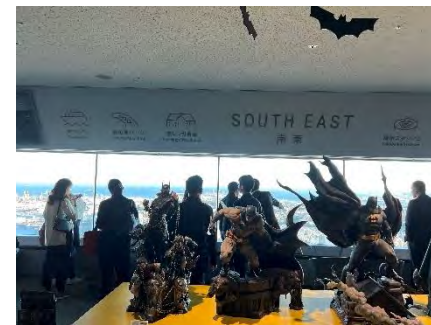
Mulabo!

At Mulabo!, the purpose of establishing an R&D center at MM21, case study of traffic counter system in Bangkok, and environmental sensor system were introduced. The participants also experienced hands on exhibits that teach basics of electricity under the theme of 'visible science'.



Yokohama Landmark Tower

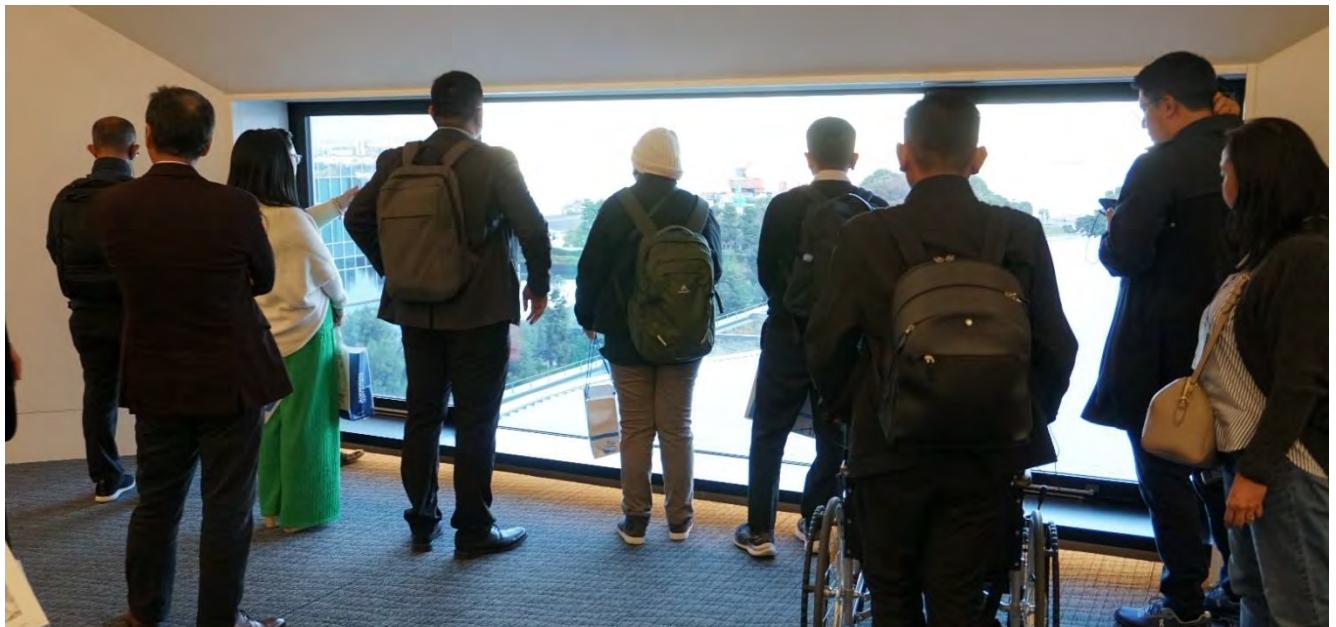
At Yokohama Landmark Tower, the participants were briefed on the history of urban planning in Yokohama and the building's features, such as its symbolism in the city center. They also observed recent environmentally friendly initiatives such as introducing renewable energy, waste recycling, and reuse of wastewater.



Tour A3

MM21 | Eco-Friendly MICE and PPP

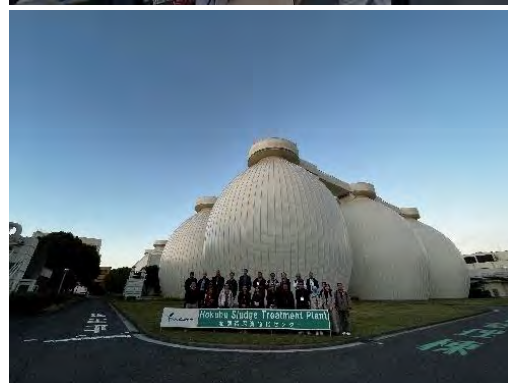
The participants visited Pacifico Yokohama, one of the largest convention complexes in the world, and observed initiatives to realize a circular economy by converting waste generated in the facility into resources and supplying electricity generated from industrial waste and biomass electricity generated from food waste to neighboring districts.



Tour B

Advanced Technology of Water Circulation

The participants visited the wastewater treatment plant in Tsurumi Ward. At the center, the group toured a sewage treatment plant that utilizes circular technology for water purification, flood prevention and water quality conservation and a sludge treatment plant that reuses sewage sludge for digestion gas power generation and landfill soil.



November 13 (Mon) 15:00-16:00

Pre-Opening Session

Special Lecture “Geopolitics of Conflict: A World with Uncertainty”

Special Lecture by Dr. Francis Fukuyama, professor of Stanford University

World-renowned Professor Francis Fukuyama was invited to GALERIO to give a special lecture titled "Geopolitics of Conflict: A World with Uncertainty" on world affairs in the context of current global conflicts and the importance of international order.



Outcome at a glance

approx.

2,000
people

Transmission



Approximately 2,000 participants from 45 countries and regions attended the 12th Asia Smart City Conference in person (Y-SHIP total for 3 days)

approx.

810
people

Exchange



Received about 810 visitors from 31 organizations

17
times

Creation



17 overseas infrastructure development seminars for local companies

Access the QR code for the cases of international cooperation projects by companies in Yokohama





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