Information transmission,
exchange and creation base

GALERIO
YOKOHAMA

Y-PORT CENTER
Yokohama Urban Smart Solution

GALERIO

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 publicly-safe 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.
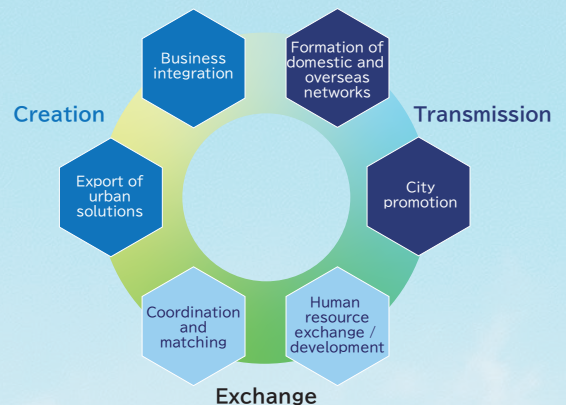
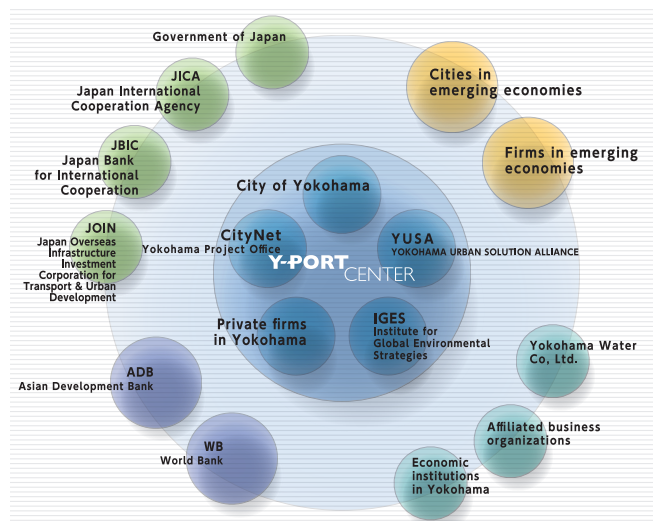The Concept of GALERIO Activities

About Y-PORT Center

The Y-PORT Center, where GALERIO is located, has the functions of "introducing the technology of city companies to emerging cities" and "improving the value of the Yokohama brand and building an international network by utilizing it".

In terms of introducing the technology of city companies to cities in emerging countries, we will introduce the technology of city companies, create matching opportunities at Y-PORT workshops, local workshops, etc., and provide infrastructure solutions in collaboration with companies. We are working on making calls. In terms of improving the value of the Yokohama brand and building an international network by utilizing it, "Yokohama" will be used to disseminate information to the international community through the Asia-Smart City Conference, etc., actively disseminate information, and receive international awards. We are working to improve our name recognition, strengthen our brand power, and continue to collaborate between cities through the Asia Smart City Alliance.
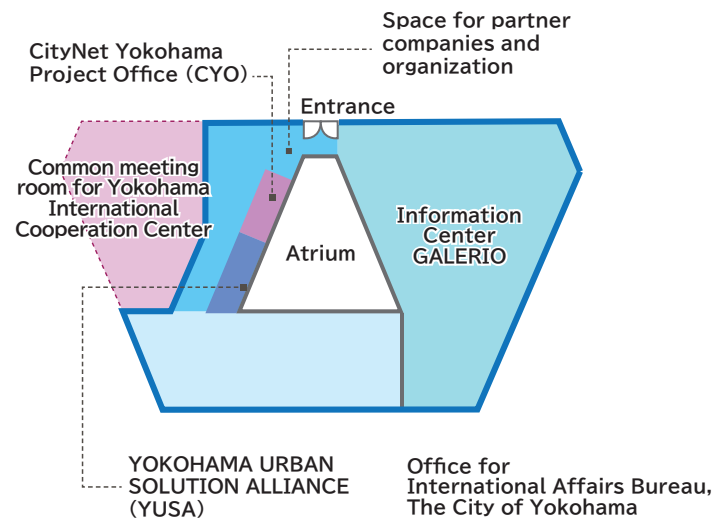
Y-PORT Center Office

The Y-PORT Center is a platform for implementing international technical cooperation (Y-PORT project) through public-private partnership, which was launched in 2015. We aim to establish new business schemes, solve urban issues in emerging countries, and create business opportunities for companies in the city, in collaboration with various stakeholders. Since 2017, we have been strengthening the functions of the Y-PORT Center, such as establishing a joint office (Y-PORT Center Public-Private Partnership Office) through public-private partnerships.

Y-PORT Center diagram:
Government of Japan
JICA Japan International Cooperation Agency
JBIC Japan Bank for International Cooperation
JOIN Japan Overseas Infrastructure Investment Corporation for Transport & Urban Development
ADB Asian Development Bank
WB World Bank
Cities in emerging economies
Firms in emerging economies
City of Yokohama
CityNet Yokohama Project Office
Y-PORT CENTER
YUSA YOKOHAMA URBAN SOLUTION ALLIANCE
Private firms in Yokohama
IGES Institute for Global Environmental Strategies
Yokohama Water Co, Ltd.
Affiliated business organizations
Economic institutions in Yokohama

Y-PORT Center

Y-PORT Center office diagram:
CityNet Yokohama Project Office (CYO)
Space for partner companies and organization
Entrance
Common meeting room for Yokohama International Cooperation Center
Atrium
Information Center GALERIO
YOKOHAMA URBAN SOLUTION ALLIANCE (YUSA)
Office for International Affairs Bureau, The City of Yokohama

Y-PORT Center office

1. Formulating the market for environmental technologies through institutional development in emerging economies
· Supporting Master Plan formulation for cities in collaboration with JICA, ADB, etc.
· Building appropriate regulation and human resources in cities by leveraging Yokohama's urban development experience
· Incorporating upstream approaches into the master plan policies

2. Creating smart urban solutions through co-creation among cities and private firms
· Fine-tuning business plans through arranging feasibility studies and demonstrations
· Developing comprehensive package solutions for cities
· Co-creating "Best Available Solutions" with diverse affiliated organizations

3. Understanding emerging urban needs and providing information for technical development and assistance
· Providing comprehensive information on the needs of cities in emerging economies to private firms
· Recognizing local needs and conducting joint field studies
· Creating business matching opportunities through Y-PORT Workshops, local seminars, etc.

4. Introducing technology of private firms in Yokohama to cities in emerging economies
· Promoting technologies possessed by private firms in Yokohama to cities
· Creating business matching opportunities through Y-PORT Workshops, local seminars, etc.
· Collaborating with private firms to dispatch smart infrastructure solutions

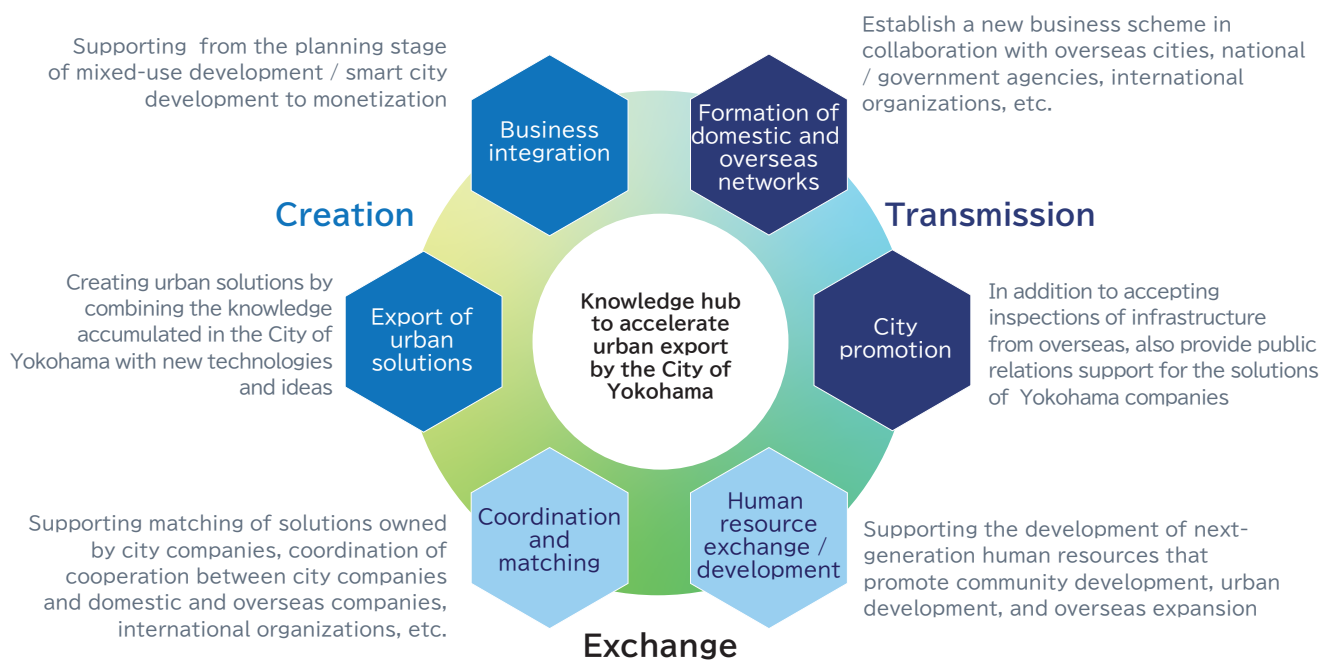### 5. Establishing an international network through enhancing and capitalizing on Yokohama's global brand
· Sharing with the international community through gatherings such as the Asia Smart Cities Conference
· Publicizing information proactively to raise Yokohama's name recognition and strengthen its widely praised brand value
· Encouraging ongoing inter-city cooperation through the Asia Smart City Alliance

Introduction of the roles of GALERIO
Activities at GALERIO

At GALERIO, for the purpose of promoting the Y-PORT business, we conduct six activieis; "utilization of domestic and overseas networks", "promotion", "coordination matching", "city solution creation", "business integration", "human resources exchange / human resources development".

Supporting from the planning stage of mixed-use development / smart city development to monetization

Establish a new business scheme in collaboration with overseas cities, national / government agencies, international organizations, etc.

Creation

Creating urban solutions by combining the knowledge accumulated in the City of Yokohama with new technologies and ideas

Transmission

In addition to accepting inspections of infrastructure from overseas, also provide public relations support for the solutions of Yokohama companies

Business integration

Formation of domestic and overseas networks

Export of urban solutions

Knowledge hub to accelerate urban export by the City of Yokohama

City promotion

Coordination and matching

Human resource exchange / development

Supporting matching of solutions owned by city companies, coordination of cooperation between city companies and domestic and overseas companies, international organizations, etc.

Supporting the development of next-generation human resources that promote community development, urban development, and overseas expansion

Exchange

Business integration
· Events and conferences to communicate with overseas developers who need consistent urban development support

Export of urban solutions
· Workshop in collaboration with Yokohama City, Yokohama City companies, and Yokohama city organizations

Coordination and matching
· Business matching opportunities at the Asia Smart City Conference and various workshops

HR exchange/ development
· City planning for students by university institutions, etc.
· Organization of workshops related to urban development, exchange meetings using the Metaverse at the Asia Smart City Conference, etc.

Formation of domestic and overseas networks
· New business concept workshop with partner companies and organizations

City promotion
· New destination for the inspection by overseas companies and organizations
· international conferences, workshops, etc. to promote overseas expansion of city company solutions

Introduction of GALERIO's facilities
Spatial Composition of GALERIO

GALERIO consists of three zones: conference / seminar / workshop zone, business creation zone, and web meeting zone. The facility is equipped with high-end projectors and speakers, a large touch display type whiteboard, a large monitor, various meeting / office spaces, etc., and many of them are movable, so they can be used for various purposes as spaces.

Conference / Seminar / Workshop Zone
Large-scale conference space equipped with projectors, large screens, VR devices, etc.

Business Creation Zone
Small space that can be used flexibly in combination with other zones.

Web Meeting / Office Zone
Convenient meeting space equipped with a 360° camera

2D metaverse space, VR and 3D contents
Virtual space available for business matching and international conferences

Conference / Seminar / Workshop Zone

Business Creation Zone

Office Space

Web Meeting / Office Zone

Introduction of GALERIO's facilities
Conference / Seminar / Workshop Zone

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<Usage Image>

1. Holding a large-scale hybrid international conference

It is possible to hold international conferences that combine the space of GALERIO and the online environment. There is also ample space for equipment that is essential for hosting international conferences. Yokohama City holds the Asia Smart City Conference (about 50 local participants and about 1,200 online participants).

2. Workshop

Equipped with a projector and podium, it is possible to hold a full-scale workshop. In addition, since it is fully equipped with a VR headset, meetings and workshops that utilize virtual reality are also possible. By utilizing other zones, it is possible to have discussions divided into multiple groups.

100	2 Projectors	86-inch large screen (2 screens)	2 wireless microphones, 4 wired microphones	2 sets of video camera for broadcasting and tripod for video camera	2 sets of VR headset (Oculus Quest 2)
Capacity (people)					

Introduction of GALERIO's facilities
Business Creation Zone

It is an open space where small-scale meetings and discussions can be held. Large screens that allow you to write by hand and standing stools allow for more relaxed discussions.

<Usage Image>

1. Holding small discussions

It is possible to hold small discussions using large screens and whiteboards. By using it in combination with the conference / seminar / workshop zone, events can be held simultaneously and smoothly.

2. Use as an information provision space

It is possible to utilize this area as an information provision space while holding events in conferences, seminars, workshop zones, etc. It can be effectively used as a viewing space for printed matter and soft content.
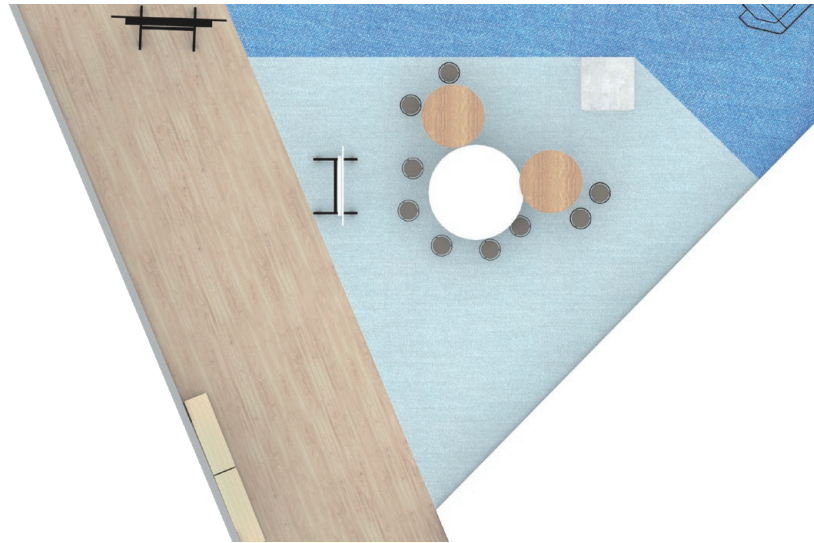
15	360 degree web camera	86-inch large screen (1 screen)	Whiteboard (2 sets)	Environment corresponding to COVID-19
Capacity (people)				

Introduction of GALERIO's facilities
Web Meeting / Office Zone

Web conferencing using a large screen is possible in this zone. In addition to screen sharing, local participants can also have discussions using a large screen. Since a large table is installed, it is possible for participants to sit at intervals in consideration of the new corona. A maximum of about 20 people can meet, including the office zone beside the zone.

<Usage Image>

1. Holding web conferences and small-scale international conferences

With a 360 degree webcam that can deliver the faces of all attendees, it is possible to hold web conferences and small international conferences that require high quality communication.

2. Use the backyard area of international conferences

It can be used as a backyard area to support international conferences held in the conference / seminar / workshop zone. It is large enough to serve as an interpreter-only area, which is essential for international conferences. You can also use the projector and seats as a public viewing area.
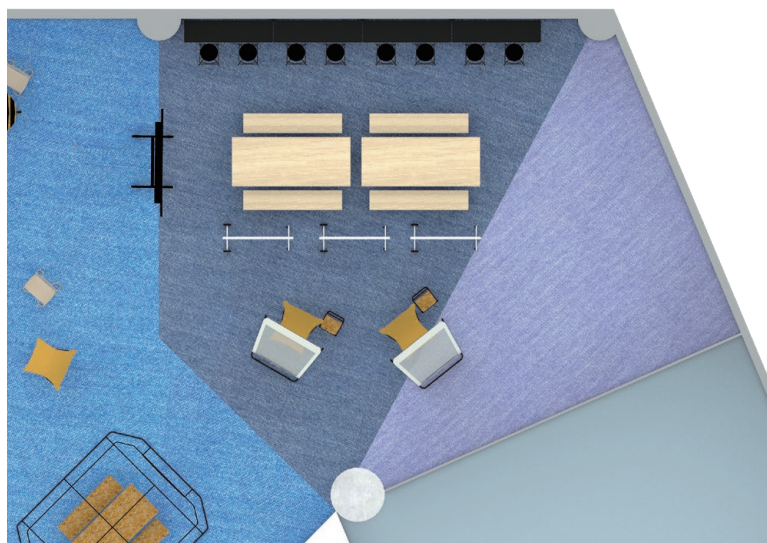
| **12**	**8**	360 degree web camera	86-inch large screen (1 screen)	Environment corresponding to COVID-19	Ensuring privacy by partitioning
Capacity of the meeting table (people)	Capacity of the office zone (people)				

8

Introduction of GALERIO's facilities
VR Contents / 3D City Model Contents

The head-mounted virtual reality content includes content that looks back on the past and present of Minato Mirai in a virtual space, as well as content that allows visitors to visually experience the attractions of the Minato Mirai area. The 3D city model content Virtual Yokohama utilizes open data from PLATEAU, a 3D city model project led by the Ministry of Land, Infrastructure, Transport and Tourism, and is designed to show the appeal and strengths of the Minato Mirai area and its infrastructure. These contents can be utilized for study tours, trainings and meetings.

■ VR Contents
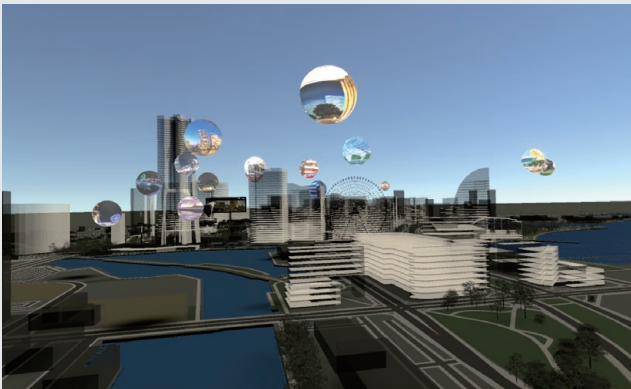
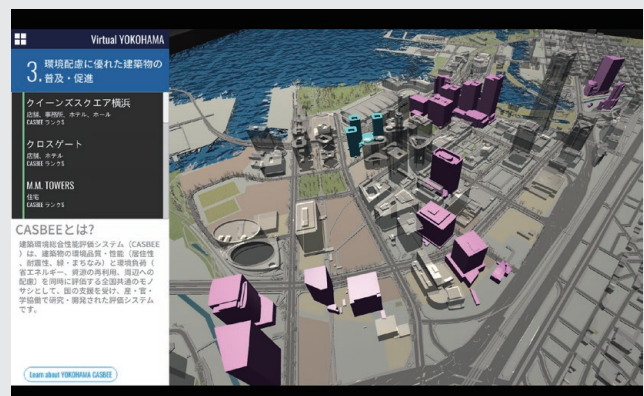▲ Content to visually experience the attractions of the Minato Mirai area

▲ Content that looks back on the past and present of the Minato Mirai area in a virtual space

■ 3D City Model Contents

▲ Content visualizing the development history of the Minato Mirai area

▲ Content visualizing the promotion and dissemination of environmentally friendly buildings

▲ Visualization of district heating and cooling installation areas in the Minato Mirai area

▲ Interior 360° photo content of the district heating and cooling plant

Introduction of GALERIO's facilities
Web Meeting / Office Zone

As a virtual communication space, we provide a two-dimensional metaverse space with the atmosphere of the city of Yokohama. It is equipped with a space that can be used interactively by a large number of people without the need to install any specific software, and can be used for various meetings and matching events.

500*

Capacity (people)
*Depends on the world size

PC
(no installation)

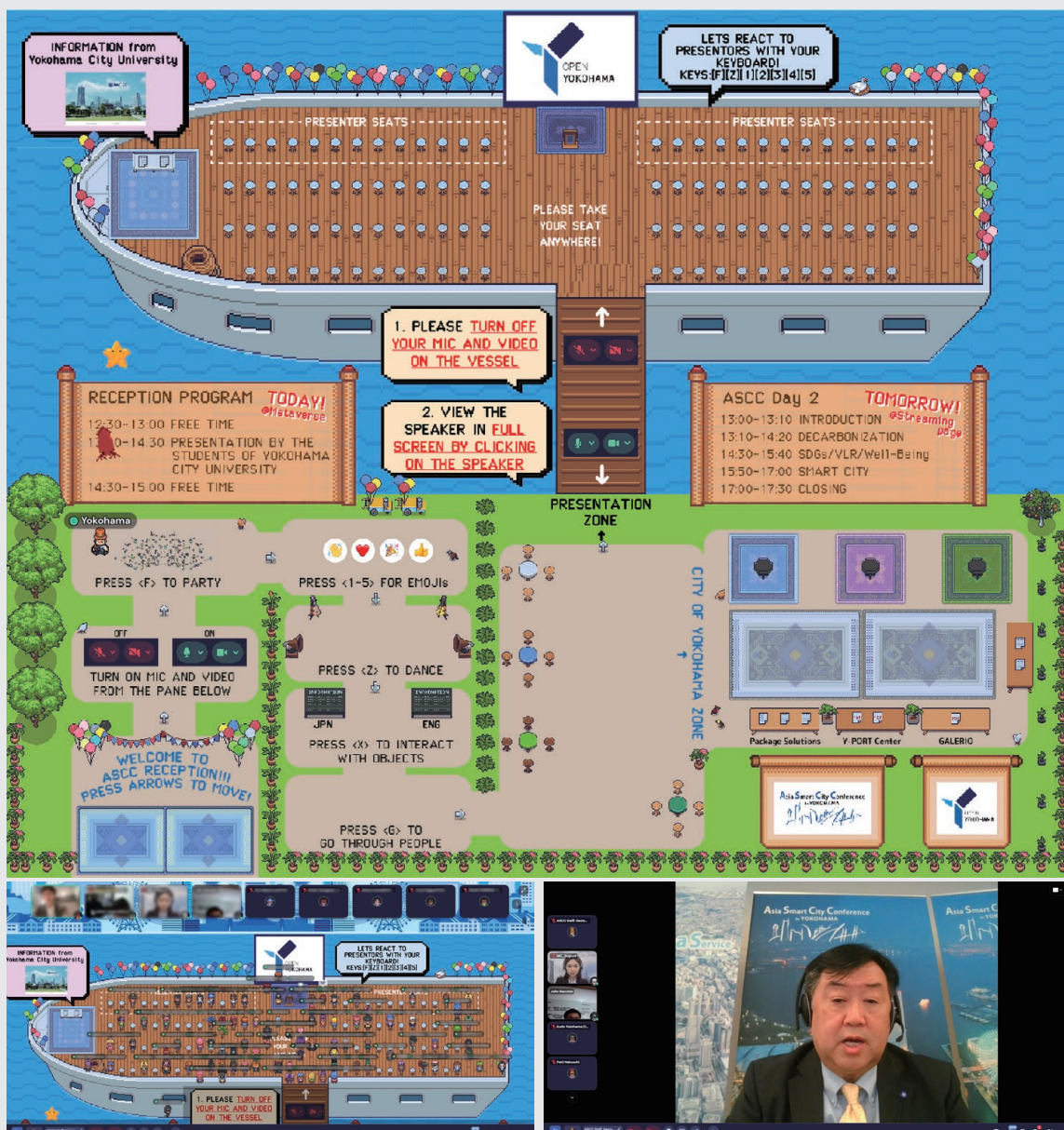Video can be posted in a virtual environment

PDF can be posted in a virtual environment

Video communication is possible in a virtual environment

Anyone in the world can join

Introduction of GALERIO's facilities
Events held at GALERIO

Asia Smart City Conference (ASCC)

ASCC is the international conference where representatives of Asian cities, government agencies, international organizations, academic institutions, private companies, etc. gather together. ASCC is held in a hybrid format of local and online using the entire space of GALERIO, welcoming approximately 730 participants for the 11th ASCC.

Reference link: https://yport.city.yokohama.lg.jp/promotion/ascc

Y-PORT Workshop

To promote the overseas expansion of companies into urban infrastructure projects in emerging countries, etc., Y-PORT Workshop is held to exchange information and opinions between Yokohama City and private companies, universities, NPOs, and the national and public institutions. Since the opening of GALERIO, Y-PORT Workshop is held here in a hybrid format.

Reference link: https://www.city.yokohama.lg.jp/business/kokusaikoryu/yport/kigyo/yportworkshop.html

Virtual Networking

The Asia Smart City Conference held networking events using the virtual reality environment developed by Yokohama City. Partcipants of the virtual networking event joined the event as avatars in Virtual Dock Yard Garden and Virtual Red Brick Warehouse Square.
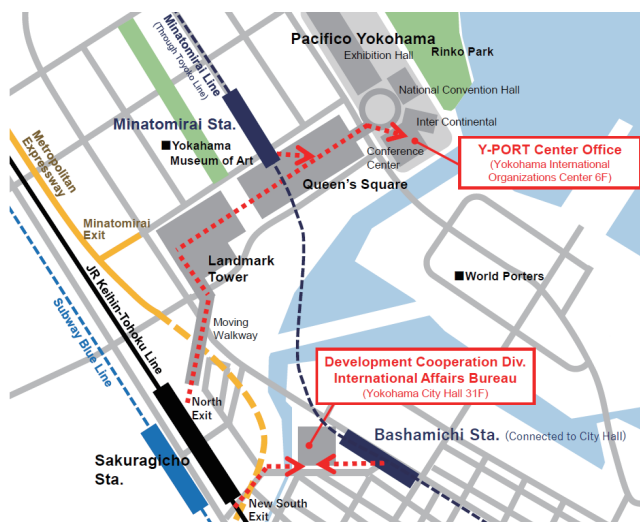
Reference link: https://www.youtube.com/watch?v=EkoKGuv4XEw

Other workshops

In Yokohama City, GALERIO holds the Danang Urban Development Forum and study groups and workshops with external organizations. We can provide a highly convenient facility space for events of various scales and formats.

Access

Yokohama International Organizations Center 6F,

1-1-1 Minatomirai, Nishi-ku, Yokohama, 220-0012,JAPAN

TEL: 045-221-1211

https://yport.city.yokohama.lg.jp/