

Japan's Cooperation for ASEAN Countries

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1. JASCA Secretariat Operation

- Facilitation of JASCA activities.

2. Conducting Feasibility Studies contributing to the overseas development of smart cities.

- FY2022: 12 projects based on proposals from ASCN and Japanese firms have done.
- FY2023: 4 projects including a project of Banyuwangi, Indonesia are ongoing.

3. Preparing investments and loans for overseas smart city projects.

- JOIN's investment of around ¥50 billion and JBIC's ¥200 billion financing facility have been secured.

4. Ensuring support structures in various countries.

- Support structures consisting of Embassies, JICA, JETRO and JBIC offices have been established in various countries.

Japan Association for Smart Cities in ASEAN (JASCA) Established: October 2nd, 2019

ASEAN Countries



- Information Exchange
- Promotion
- Business Support
- Meetings
- Business Matching

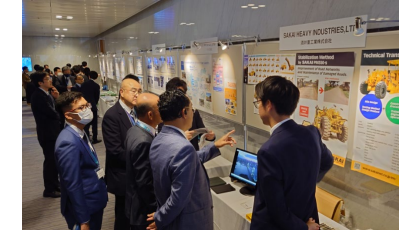
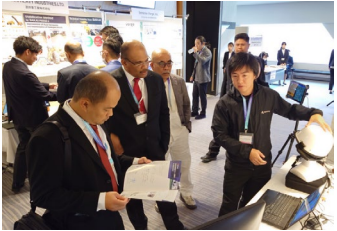
Organization / Members (Total 317) (as of November, 2023)



I. Seminars and Business Matching in Meetings both in JAPAN/ASEAN Countries

FY 2023's Achievement & Plan

- **Business Matching in the 5th ASEAN-Japan Smart Cities Network High Level Meeting**



- **JASCA Seminar & Business Matching in Jakarta, Indonesia 2023**

↓ Today!!



- **Next Coming:**
 - ✓ **Business Matching** in The 4th Cambodia-Japan Meeting of Public-Private Platform for Urban Development (Tentative)
 - ✓ **Educational Seminar about ASEAN Countries for JASCA Members** in Japan (Tentative)

Past Achievement

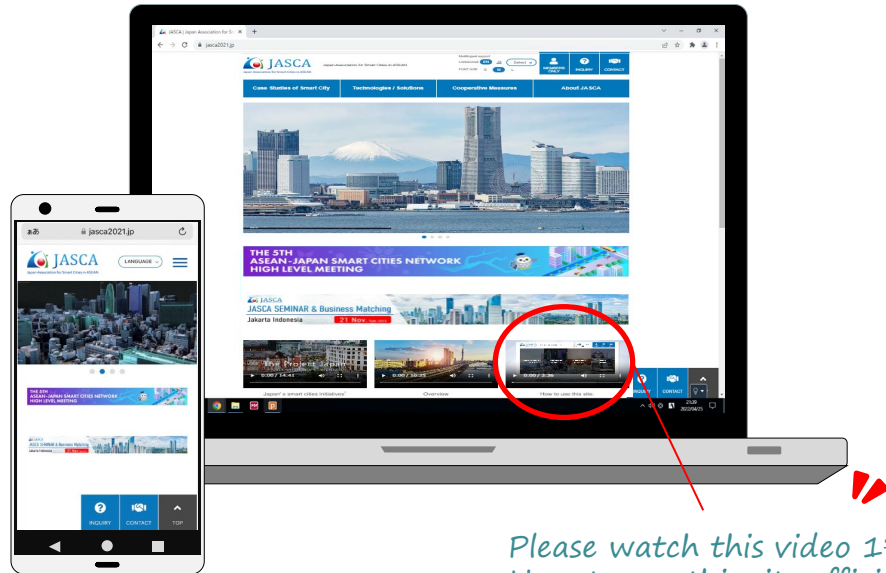
- **Smart City Conference with JASCA in Makassar (Feb. 2020)**



- **Indonesia-Japan Smart City Virtual Forum 2020 (Nov. 2020)**



II. Dispatch of Information through JASCA Website & Email News



*Please watch this video 1st!
How to use this site efficiently!*

Useful Function

- **Business Matching/Contact**
- **Automatic Translation in 8 languages**

Useful Information

- **Cooperative Measures**
 - Smart JAMP Summary / ASEAN Smart City Planning Guidebook
- **Case Studies of Japanese/overseas' Smart City**
 - More than 20 cases are available
- **Technology Solutions of Japan**
 - There are more than 100 technology solutions by areas



Visit our JASCA Website!

[<https://www.jasca2021.jp/>](https://www.jasca2021.jp/)

2019

- **The 1st ASEAN-Japan Smart Cities Network High Level Meeting (HLM)**
- **Establish JASCA (Oct. 2019)**

2020

- The 2nd HLM
- Smart City Conference with JASCA in Makassar (Feb. 2020)
- Indonesia-Japan Smart City Virtual Forum 2020 (Nov. 2020)
- **Launch Smart JAMP (Dec. 2020)**

2021

- The 3rd HLM

2022

- The 4th HLM
- **Publish the ASEAN Smart City Planning Guidebook (Mar. 2022)**


2023

- The 5th HLM **Latest event in Tsukuba, Japan (Oct. 2023)**
- JASCA Seminar & Business Matching in Jakarta, Indonesia 2023 **New (Today)**

Meeting Outline

- ◆ Date October 26 & 27, 2023
- ◆ Venue Tsukuba City, Ibaraki Prefecture
- ◆ Co-Chairs Japan: Mr. SAKAKI Shinichi, Vice-Minister for MLIT
Republic of Indonesia : Dr. Safrizal. ZA, M.Si, Director General of Regional Administration, MOHA





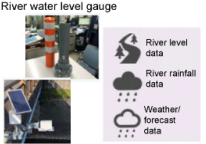
2-2: Examples of Resilience Initiatives in Japan


- DX can solve problems in all phases: normal times, pre-disaster, and post-disaster.


Pre-disaster

[Speeding up flood response and evacuation with AI]

River water level gauge







Water level gauges, rain gauges, and inundation sensors are installed in rivers to acquire real-time data

AI water level prediction at each measuring point based on the acquired data and forecast rainfall

Early grasp of the situation
Evacuation preparations



2. INDONESIA INITIATIVES ON URBAN RESILIENCE (U3)

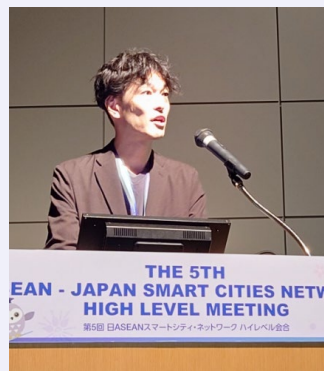
Direction of Indonesia's development towards "INDONESIA EMAS 2045"

Focus on Social Resilience, Culture and Ecology involves fostering a strong, inclusive, and empowered society. This entails improving the overall quality of life for all Indonesians, with an emphasis on expanding access to education and healthcare, promoting gender equality, and combatting social and economic inequalities. Concurrently, cultural preservation plays a vital role in shaping the nation's future, reflecting Indonesia's diverse identity and values. Preserving and promoting cultural heritage, arts, and traditions are integral aspects of maintaining national identity. Additionally, culture can serve as an economic resource, notably in cultural tourism, contributing to economic growth and employment.

Simultaneously, the protection and preservation of Indonesia's ecosystems and natural environments are essential for sustainable development. Addressing issues like deforestation, land degradation, pollution, and climate change strike a crucial balance between economic development and environmental conservation, considering the vital role natural resources play in agriculture, fisheries, and daily life.


This integrated approach to Social Resilience, Culture, and Ecology underscores the comprehensive nature of Indonesia's development plan towards "Indonesia Emas 2045." It not only aims to enhance the well-being of its citizens but also seeks to ensure the sustainability of the environment and preserve the nation's rich cultural heritage. Achieving these goals requires collaborative efforts involving the government, civil society, and the private sector.



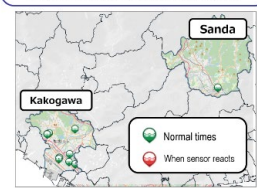



Coin Size Flood Sensor

■Coin Size Flood sensors are installed in more than 20 locations to quickly transmit disaster information in the event of rising water levels.




Stores information from flood sensors in other cities and towns in Kagawa City's information coordination infrastructure, and visualizes the information on the Administrative Information Dashboard





Digital twin for Robots and disaster



Terima kasih