

# News Release

**Kanadevia**  
Technology for people and planet

**Kanadevia Corporation**

December 10, 2025

## **Participated in the COP30 Japan Pavilion as a speaker and exhibitor and presented solutions for decarbonization and waste management**

Kanadevia Corporation participated in the 30th Conference of the Parties (COP30) to the United Nations Framework Convention on Climate Change (UNFCCC) held in Belém (capital of the state of Pará), Federative Republic of Brazil, from November 10 to November 22, 2025.

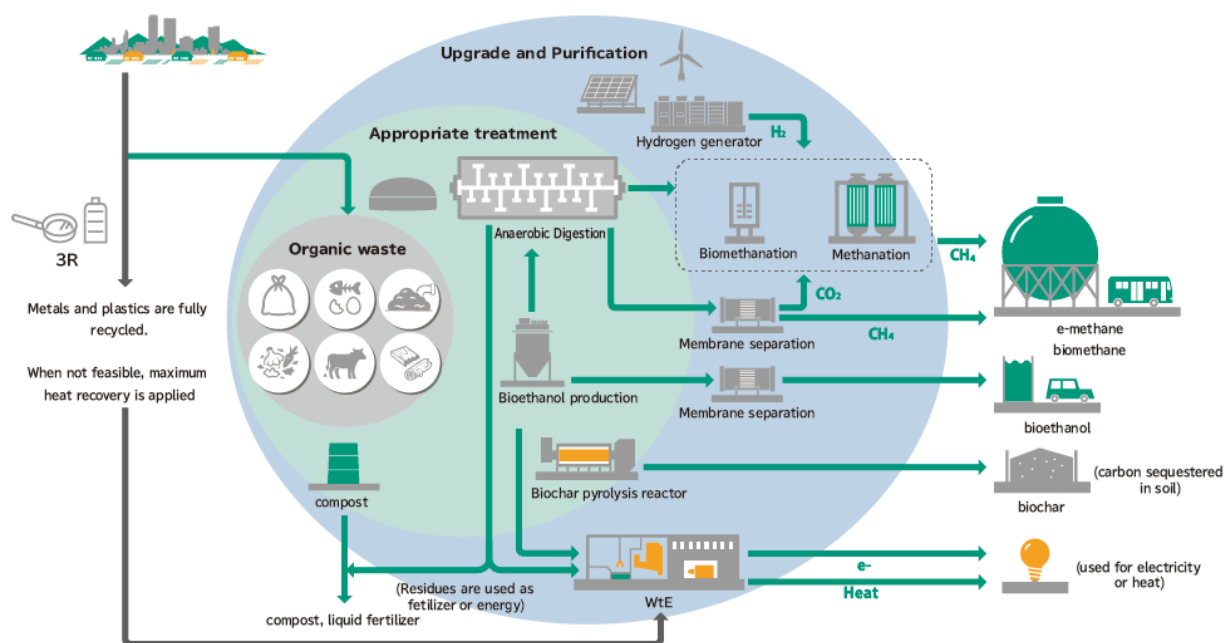
During the conference, our President and CEO gave a lecture on "Collaboration of Maharashtra (India) and Osaka City (Japan) - Contribution toward carbon neutrality through green hydrogen and e-methane -" at a seminar organized by the Ministry of the Environment and co-sponsored by the Japan International Cooperation Agency (JICA) and the Institute for Global Environmental Strategies (IGES) (Reference). In addition, our exhibit at the Japan Pavilion presented solutions centered on our decarbonization technologies in the field of waste treatment.

[President and CEO Kuwahara speaking at the Ministry of the Environment seminar and the exhibition booth]



We exhibited at the Japan Pavilion under the theme of " fully utilizing waste as a resource to decarbonize our lives globally " Specifically, we focused on the reduction, recovery, and utilization of methane, a greenhouse gas (GHG) for which countermeasures have become increasingly important worldwide in recent years, and we exhibited solutions that combine decarbonization and waste treatment, centering on resource utilization and appropriate treatment technologies for organic waste. The exhibition attracted more than 750 visitors from over 100 different countries and regions, including government ministers and other high-ranking officials.

We possess a variety of waste treatment solution technologies that not only reduce methane emissions through hygienic waste treatment and reduction of landfill use, but also generate energy through anaerobic digestion, recovery, and utilization. Many countries around the world are actively working to address waste and global warming issues, and this event reinforced the ability of our technology to contribute to solving the world's environmental problems.



[Our technologies for resource utilization and proper treatment of organic waste]

(Reference) Overview of the seminar in which President and CEO Kuwahara spoke and a summary of his speech

[Seminar overview]

Title: Seminar on City-to-City Collaboration for Zero Carbon Society

Hosted by: Ministry of the Environment, Government of Japan (Co-hosted by: Japan International Cooperation Agency (JICA) and the Institute for Global Environmental Strategies (IGES))

Date and time: (Local time) Wednesday, November 12, 2025, from 3:45 p.m. to 5:00 p.m. (of which approximately 10 minutes will be allocated to our company)

Our speaker: KUWAHARA Michi, President and CEO

Topic of our presentation: Collaboration of Maharashtra (India) and Osaka City (Japan)

- Contribution toward carbon neutrality through green hydrogen and e-methane -

#### [Summary of Presentation]

##### 1. About Us

Our company changed its name from “Hitachi Zosen Corporation” to “Kanadevia Corporation” in October 2024. Founded more than 140 years ago in Osaka, Japan, we have been contributing to the creation of a prosperous society through technology and sincerity. Currently, we operate globally in three areas: Environment, Machinery & Infrastructure, and carbon neutral solution.

##### 2. Specific initiatives for city-to-city cooperation projects between Osaka City and the State of Maharashtra

Japan and India are building projects to introduce decarbonization technologies through the JCM (Joint Crediting Mechanism) to achieve their greenhouse gas reduction targets. In order to contribute to decarbonization and environmental conservation, Maharashtra has launched a city-to-city partnership project with Osaka City.

In order to contribute to promoting the adoption of decarbonization technologies, we are conducting studies through collaborations between local authorities as well as public-private partnerships, and two FS projects are underway in this city-to-city collaboration project.

###### (1) Green Hydrogen Production and Utilization Project

The state of Maharashtra aims to produce 500,000 tons of green hydrogen annually by 2030 and is considering introducing our hydrogen production equipment. The goal is to shift from fossil fuel-derived hydrogen to the use of green hydrogen.

###### (2) e-methane Project Utilizing Green Hydrogen and Biogas-derived CO<sub>2</sub>

In addition to expanding the use of biogas produced from organic waste, the zeolite membrane recovers CO<sub>2</sub> contained in the biogas at high purity and produces e-methane through a methanation reaction with green hydrogen. Having these hydrogen production systems, zeolite membrane biogas purification methods, and methanation technologies allows us to utilize existing infrastructure by converting green hydrogen to e-methane. Biogas and e-methane can be used as alternatives to fossil fuels, reducing both environmental pollution and methane emissions and contributing to the effective use of resources.

The path to carbon neutrality is one that all must take together, with governments, cities, financial institutions, solution providers, and others from all walks of life joining hands. We at Kanadevia have the solution. We not only provide the technology, but also work alongside you to co-create sustainable cities. Let's work together to create a decarbonized world.