

Seminar organized by JEFMA in Japan Pavilion at COP31

October 7th 2026

Japan Environmental Facilities Manufacturers Association (JEFMA)

On the occasion of the 31th Conference of the Parties to the United Nations Framework Convention on Climate Change (COP31) to be held in Türkiye in November, Japan Environmental Facilities Manufacturers Association (JEFMA) will hold the following seminar at Japan Pavilion hosted by Ministry of the Environment of Japan.

1. Title of the Seminar

JEFMA's Challenge Toward Net-Zero by 2050 through Enhanced Circular Economy Initiatives

2. Background and Overview

This session will present the latest developments in JEFMA's activities aimed at achieving net zero. Japan is currently taking concrete actions to accelerate the transition to a circular economy as a national strategy, aiming to address critical issues such as decarbonization, economic security, and the strengthening of industrial competitiveness.

Furthermore, according to the Ministry of the Environment, strengthening resource circulation can contribute to reducing emissions in sectors that account for approximately 36% of Japan's total greenhouse gas (GHG) emissions.

Accordingly, in the waste management sector, JEFMA is advancing initiatives to upgrade the circular economy and strengthen decarbonization efforts. Building upon conventional "3R + Renewable" approaches—such as waste-to-energy and material recycling—JEFMA is developing and commercializing innovative technologies to convert waste into products like methane and chemicals, thereby integrating pathways for their reuse as energy and raw materials into the resource circulation loop.

This session will present the latest developments in JEFMA's activities aimed at achieving net zero.

3. Date and Venue

Date : November 20th (Wed), 2026 10:30~11:45 ※ Local time

Venue: COP31 Japan Pavilion

For those who wish to watch online, please access the official "COP31 Japan Pavilion" website at

URL : <https://us06web.zoom.us/j/87861640501?pwd=5bLlRiRlRmF09RAIpnd222MnkSxrYeJ.1>

4. Program of the Seminar (English only)

- ① Opening OSHITA Hajime Chairman for Japan Environmental Facilities Manufacturers Association (JEFMA)
- ② Remarks Minister of the Environment or Vice-Minister for Global Environmental Affairs of MOE Japan (TBC)
- ③ JEFMA's Challenge Toward Net-Zero by 2050 through Enhanced Circular Economy Initiatives
OSHITA Hajime Chairman for Japan Environmental Facilities Manufacturers Association (JEFMA)
- ④ Creating Value from Waste Through Place-based Circular Models toward Net-Zero
KUWAHARA Michi, President and Group Chief Executive Officer of Kanadevia Corporation
- ⑤ JFE's Waste to Resource Solutions -The Next Frontier of Circular Economy-
YAMAMOTO Mahoyo Section Manager,
Waste-to-Chemical Team Carbon Neutral Business Initiative,
Environmental Solutions Sector, JFE Engineering Corporation
- Video message
Bhalchandra Gajanan Kulkarni
Managing Director, JFE Engineering India Private Limited
- ⑦ Realize Net-Zero by Pelletized Fuel Technology for Sewage Sludge (J-Combi®)
ENDO Yuriko Manager,
Corporate Strategy Planning Division Overseas Strategic
Planning Department, NIPPON STEEL ENGINEERING CO., LTD

5. Contact

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