

# Seminar organized by JEFMA in Japan Pavilion at COP29

October 17<sup>th</sup> 2024

Japan Environmental Facilities Manufacturers Association (JEFMA)

On the occasion of the 29<sup>th</sup> Conference of the Parties to the United Nations Framework Convention on Climate Change (COP29) to be held in Azerbaijan in November, Japan Environmental Facilities Manufacturers Association (JEFMA) will hold the following seminar at Japan Pavilion hosted by Ministry of the Environment of Japan. This will be the first time for JEFMA to host a seminar at COP, we look forward to seeing many of you there.

## 1. Title of the Seminar

Advanced Waste Management for Circular Economy & Energy Solutions

## 2. Background and Overview

In the past, rapid increasing of urban waste caused public health issues in Japan. Therefore, to promote sanitary treatment and volume reduction of waste, namely the shift from landfill to incineration had been encouraged. Furthermore, efforts have been made to promote the formation of a recycling-oriented society based on the proper treatment and the recovery of energy such as heat and electricity. This system has contributed significantly to the reduction of greenhouse gases (GHG) compared to landfill.

In this seminar, we will present the progress achieved in reducing GHG emissions through the development of waste management technologies, as well as their global expansion and the latest waste management and energy recovery aimed at realizing Net-Zero and Circular Economy.

Specifically, we will introduce further development of conventional waste management technologies, such as the production of chemical raw materials from waste, incineration technology that enables efficient CO<sub>2</sub> recovery, and effective use of low-temperature waste heat.

This seminar is organized by Japan Environmental Facilities Manufacturers Association (JEFMA), an association of waste treatment plant manufacturers.

## 3. Date and Venue

Date : November 20<sup>th</sup> (Wed), 2024 10:30~11:45

Venue: COP29 Japan Pavilion

Baku Olympic Stadium (Heydar Aliyev, 323, Baku, Azerbaijan)

For those who wish to watch online, please access the official "COP29 Japan Pavilion" website at <https://us06web.zoom.us/j/81262163590?pwd=oEatDxHagly4nLZ7QbF3mmPBqNC1yh.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 Development of waste treatment and GHG reduction in Japan OSHITA Hajime Chairman for JEFMA
- ④ JFE's solutions for circular economy ~Waste recycle technology and CCUS~ Soumya Bhattacharya Deputy General Manager - Sales for JFE Engineering India Private Limited
- ⑤ Achieving Circular Economy by Diverse Waste Management Technology & CCUS KUWAHARA Michi Representative Director President & Chief Operating Officer, Kanadevia Corporation
- ⑥ Performance of Trans-Heat container system for energy saving and reduction of CO<sub>2</sub> emission IWAI Yoshihiro Senir Expert, Plants & Machinery Systems Headquarters, Sanki Engineering CO.,LTD.

## 5. Contact

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