



**METI**

*Ministry of Economy, Trade and Industry*



**CEFIA**

Cleaner Energy  
Future Initiative  
for ASEAN  
ASEAN+3

# Overview of CEFIA (Cleaner Energy Future Initiative for ASEAN)

14 January 2026

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# About CEFIA

- ◎ **CEFIA (Cleaner Energy Future Initiative for ASEAN)** is a public-private initiative for the introduction of clean energy such as energy conservation and renewable energy in the ASEAN region. In September 2019, Japan proposed this initiative and its establishment was welcomed at the 16th ASEAN+3 Energy Ministers Meeting.
- ◎ Under CEFIA, ASEAN countries will promote the development of a clean energy-related business environment in the region through the implementation of **energy efficiency and renewable energy (flagship projects)** in collaboration with the public and private sectors.
- ◎ CEFIA's activities are reported and discussed at the annual CEFIA Public-Private Forum. Progress is reported to the ASEAN+3 Energy Ministerial Meeting every year.
- ◎ **Eight public-private forums** have been held to date.

## Past CEFIA Forums



5th CEFIA Forum  
August 25, 2023  
Bali, Indonesia



6th CEFIA Forum  
July 23, 2024  
Bangkok, Thailand



7th CEFIA Forum  
February 13, 2025  
Kobe, Japan

# CEFIA Flagship Project

Name	Outline	Participating Organizations
Biomass	<ul style="list-style-type: none"> <li>JCOAL member companies promote biomass technologies including CFB (circulating fluidized bed) boilers suitable for biomass power generation, biomass co-firing, biomass pellets, BECCS, and biochar. They plan to expand their activities going forward, including hosting webinars.</li> </ul>	<ul style="list-style-type: none"> <li>Japan Carbon Frontier Organization (JCOAL)</li> </ul>
ZEB (Zero Energy Building)	<ul style="list-style-type: none"> <li>This group supports activities such as raising awareness of the ISO technical specification (TS23764), creating an environment for access to products and technologies, and materializing a demonstration project in Malaysia.</li> </ul>	<ul style="list-style-type: none"> <li>Japanese Business Alliance for Smart Energy Worldwide (JASE-W)</li> </ul>
Hydrogen, Ammonia	<ul style="list-style-type: none"> <li>Launched as a new flagship at the 7th CEFIA Forum.</li> <li>Promotes hydrogen and ammonia production, transportation, and co-firing and mono-firing technologies.</li> </ul>	<ul style="list-style-type: none"> <li>Japan Hydrogen Association (JH2A)</li> <li>Clean Fuel Ammonia Association (CFAA)</li> </ul>
Microgrid	<ul style="list-style-type: none"> <li>Support for efforts to introduce micro-grid systems that integrate multiple renewable energies from wind and solar power generation and storage batteries.</li> </ul>	<ul style="list-style-type: none"> <li>Kyushu Electric</li> <li>Furukawa Battery</li> </ul>
SteelEcosol (Iron and Steel Eco Solutions)	<ul style="list-style-type: none"> <li>Creation of technology lists, public-private dialogue and energy audits of steel mills to promote the adoption of Best Available Technology (BAT) in the ASEAN steel industry.</li> </ul>	<ul style="list-style-type: none"> <li>Japan Iron and Steel Federation</li> </ul>
Finance	<ul style="list-style-type: none"> <li>Identify the needs of local financial institutions, organize seminars, and support the formulation of financial instruments for the introduction of decarbonization technologies.</li> </ul>	<ul style="list-style-type: none"> <li>Asia-Pacific Development Finance Institutions Association (ADFIAP)</li> </ul>

# 8th CEFIA Public-Private Forum

- On October 17, 2025, the 8th CEFIA Public-Private Forum was held jointly with ASEAN sparks and the AZEC Business Forum in Malaysia.
- Mr. Kasuya, Director-General for International Resource and Energy Strategy, METI delivered opening remarks via video message. Participants from Japanese and ASEAN governments, businesses, financial institutions, and other stakeholders received reports on the progress of flagship projects aimed at introducing clean energy technologies to ASEAN.
- Participants were also briefed on cross-cutting issues such as transition finance, Japanese companies' carbon recycling initiatives, Japan's biofuel policy, and the progress of private sector initiatives in Japan.
- The ASEAN Energy Centre (ACE) stated that CEFIA's continued contributions are required in the next APAEC (2026-2030) approved at AMEM. Furthermore, ASEAN member states presented their respective policies and expressed their future expectations for CEFIA.

## 8th CEFIA Forum



ACE  
Dr. Andy Tirta  
Head of Corporate Affairs



METI  
Mr. Kasuya  
DG



METI  
Mr. Kimura  
Senior Negotiator

Opening & Closing Session



Group photo after the forum

# The Future Direction of CEFIA

- © Aligning with the needs of ASEAN countries, expand and review areas of activity accordingly.
- © Working to expand networks and strengthen connections with various entities within ASEAN.
- © Contribute to the ASEAN Plan of Action for Energy Cooperation (APAEC) 2026-2030 phase.
- © To achieve the above, support flagship activities including Biomass.



*Your input and feedback is crucial  
as we approach our 10th anniversary!*