



The 6th Government-Private Forum on the Cleaner Energy Future Initiative for ASEAN (CEFIA)

23 July 2024

09:00 - 17:00 Bangkok Time (GMT +7)

The Sukosol Bangkok Hotel, Bangkok, Thailand

BACKGROUND

For decades, a wide variety of co-operative activities have been carried out in the energy field amongst ASEAN+3 (China, Japan and Korea) countries. Such activities have resulted in making significant contributions to enhancing energy efficiency and facilitating energy transitions. To further promote such efforts broadly in the ASEAN region, it is becoming increasingly important to deepen the knowledge, facilitate information exchange, and develop projects and programmes with policy design amongst ASEAN+3 countries through various activities, such as capacity-building programmes, international conferences and workshops, and joint feasibility studies and demonstration projects.

To achieve this, a new initiative named “**Cleaner Energy Future Initiative for ASEAN**” or “**CEFIA**” was proposed by Japan and welcomed by the ASEAN+3 Ministers on Energy at the 16th ASEAN+3 Meeting of Energy Ministers in Bangkok, Thailand on 5th September 2019. CEFIA serves as a platform to facilitate collaboration between public and private sectors in deployment of cleaner energy and decarbonisation technologies in the ASEAN region.

Under CEFIA, several Flagship Projects are undergoing. Flagship Projects are decarbonising projects implemented by private companies and organisations whose purpose is to showcase best practises of co-operation in technology deployment, in parallel with developing appropriate policy and institutional frameworks and mobilising public and private funding (governments, private sector and academia)

1st – 5th CEFIA GOVERNMENT-PRIVATE FORUM

- The 1st CEFIA Forum was hosted by the Department of Energy, Government of the Philippines on 27th November 2019 (held in Manila, Philippines). The forum held discussions on CEFIA’s future action policies and its cooperation fields and explained specific cooperation projects.
- The 2nd CEFIA Forum was hosted by the Ministry of Energy of the Government of Thailand on 2nd February 2021 (web conference).

- The 3rd CEFIA Forum was hosted by the Energy Commission of the government of Malaysia on 21st February 2022 (web conference).
- The 4th CEFIA Forum on 16th February 2023 was hosted by the Department of Energy, Government of the Philippines, in cooperation with the Ministry of Economy, Trade and Industry (METI) of the Government of Japan, with the support from the ASEAN Centre for Energy (ACE). The CEFIA Forum took place back-to-back with the 17th ASEAN+3 NRE and EE&C Forum.
- The 5th CEFIA Forum was held as part of the ASEAN Energy Business Forum (AEBF) 2023 Programmes in Nusa Dua, Bali, Indonesia. AEBF is an annual energy conference & exhibition which is held in conjunction with the ASEAN Ministers on Energy Meeting (AMEM). The CEFIA Forum was hosted by the Ministry of Energy and Mineral Resources of Indonesia, in co-operation with the Ministry of Economy, Trade and Industry (METI) of the Government of Japan, with the support from the ASEAN Centre for Energy (ACE).

6th CEFIA GOVERNMENT-PRIVATE FORUM

The 6th CEFIA Forum will be held on 23th July 2024, hosted by the Department of Alternative Energy Development and Efficiency (DEDE) of Thailand, in cooperation with the Ministry of Economy, Trade and Industry (METI) of the Government of Japan, with the support from the ASEAN Centre for Energy (ACE). The CEFIA Forum take place back-to-back with the 18th ASEAN+3 NRE and EE&C Forum.

At the 6th CEFIA Forum, ASEAN+3 government officials, international organisations, universities, and private companies will gather to share progress on activities and discuss future activities aimed at energy transition towards a decarbonised energy system in the ASEAN region.

TENTATIVE AGENDA

Time (GMT+7)	Activity
OPENING PLENARY	
MC: Ms. Krittayanee Jaipetch, Plan and Policy Analyst, DEDE of Thailand	
8:30 – 9:00 (30 min)	Registration
9:00 – 9:05 (5 min)	Safety Briefing
9:05 – 9:20 (15 min)	Opening Remarks <ul style="list-style-type: none"> • Mr. Wattanapong Kurovat, Director General, DEDE of Thailand as Host Country • Mr. Kazuchika Iwata, State Minister of Economy, Trade and Industry of Japan • Dr. Nuki Agya Utama, Executive Director, ASEAN Centre for Energy
9:20 – 9:25 (5 min)	Group Photo

SESSION I: SETTING SCENE AND INTRODUCTION TO CEFIA	
MC: Ms. Krittayanee Jaipetch , Plan and Policy Analyst, DEDE of Thailand	
This session will provide an overview of APAEC Phase II Achievements for the Energy Efficiency and Renewable Energy Programme Areas and Introduction of CEFIA and Highlight Its Activities	
9:25 – 9:35 (10 min)	Updates and Achievements of APAEC Phase II: 2021 - 2025 Mr. Christopher G. Zamora , Senior Head of APAEC Department, ACE
9:35 – 9:45 (10 min)	Overview of CEFIA and Report for Fiscal Year 2023 Mr. Hiroyuki Mitsui , Deputy Director, Global Environmental Affairs Office, METI
SESSION II: PROGRESS OF FLAGSHIP PROJECTS (FP) AND FUTURE ACTION	
Moderator: Ms. Haruna Yoshizawa , Section Chief, Global Environmental Affairs Office, METI	
This session will focus on the key achievements of the existing CEFIA Flagship Projects, showcasing the latest decarbonization technologies being promoted in the ASEAN region	
9:45 – 9:55 (10 min)	Activities of RENKEI Control: Unique and Integrated Concept on Energy Management System for ASEAN Business Establishments Mr. Michihisa Suzuki , Japan Electronics and Information Technology Industries Association (JEITA)/Advanced Solution Division, Director of Energy Conservation Control, Azbil Corporation
9:55 – 10:05 (10 min)	Activities of Zero Energy Building Mr. Katsuhiko Yamamoto , Japanese Business Alliance for Smart Energy Worldwide (JASE-W) / International Cooperation Division Technical Expert, The Energy Conservation Center, Japan
10:05 – 10:15 (10 min)	Energy Efficient Technologies in ASEAN Iron and Steel Industry (SteelEcosol) Dr. Fumitaka Kato , The Committee member for International Environmental Strategic Committee, Japan Iron and Steel Federation
10:15 – 10:30 (15 min)	Q&A
10:30 – 10:45 (15 min)	Coffee Break
10:45 – 10:55 (10min)	CO₂ Neutral Energy + Carbon Sink using Local Biomass Mr. Shingo Numa , CEO, Forest Energy Inc.
10:55 – 11:05 (10 min)	Carbon Neutrality solution: Healthy and Energy Efficient AC system for ASEAN market Mr. Hiroyuki Tanaka , Daikin Industries, Ltd.

11:05 – 11:15 (10 min)	<p>Distributed by Renewable Energy</p> <p>Mr. Toshiaki Matsumura, General Manager, Overseas Renewable Energy Business Team International Business Department, Kyudenko Corporation</p> <p>Ms. Aoi Suzuki, Furukawa Battery</p>
11:15 – 11:30 (15 min)	Q&A
11:30 – 13:00 (90 min)	Lunch Break (Patummat Restaurant)
<p>SESSION III: EXPLORING EXISTING AND FUTURE DECARBONISATION TECHNOLOGIES IN ASEAN</p> <p>Moderator: Ms. Dynta Trishana Munardy, Senior Officer of APAEC Department, ACE</p> <p>This session will focus on proposed activities from new candidate CEFIA Flagship projects, showcasing the latest decarbonization technologies in the ASEAN region</p>	
13:00 – 13:10 (10 min)	<p>Activities of Japan Hydrogen Association</p> <p>Mr. Kenichiro Saitoh, Deputy Executive Director / General Manager of Project Department, Japan Hydrogen Association (JH2A)</p>
13:10 – 13:20 (10 min)	<p>Development of Clean Fuel Ammonia Value Chain</p> <p>Mr. Shunichiro Ueno, Deputy Secretary-General, Clean Fuel Ammonia Association (CFAA)</p>
13:20 – 13:30 (10 min)	<p>e-F@ctory and SMKL (Smart Manufacturing Kaizen Level) for Digital Manufacturing, and Human Resources Development Activity in Thailand</p> <p>Dr. Chaiyasit Kumtornkittikul, FA Center Division Manager, Mitsubishi Electric Factory Automation (Thailand)</p>
13:30 – 13:40 (10 min)	<p>Activities of JETRO Bangkok in Promoting Carbon Neutrality Business</p> <p>Mr. Eisuke Matsuura, Director of SME, Startup promotion Dept, JETRO Bangkok</p>
13:40 – 13:55 (15 min)	Q&A
<p>SESSION IV: PROGRESS OF CROSS-CUTTING FIELD AND FUTURE ACTION</p> <p>Moderator: Mr. Yojiro Sumitomo, Officer, Global Environmental Affairs Office, METI</p> <p>This session will address how to mobilise public and private finance to visualise the impacts and accelerate advancing cleantech innovation and entrepreneurship development for climate action</p>	
13:55 – 14:05 (10 min)	<p>GHG Avoided Emissions Visualization</p> <ul style="list-style-type: none"> Method and Introduction of Avoided Emissions Visualization <p>Mr. Kazuo Yonekawa, Chief, Panasonic Holdings Corporation</p>
14:05 – 14:20 (15 min)	<p>Accelerating Project Formulation through Financing Flagship Project:</p> <ul style="list-style-type: none"> Accelerate Financing of Green Initiatives - Advisory of Energy Efficiency Savings Financing Program of DBP

	<p>Ms. Maria Teresita Lacerna, Legal Adviser and Lead, Sustainable Finance & Green Development, ADFIAP</p> <ul style="list-style-type: none"> • DBP’s Energy Efficiency Savings (E2SAVE) Financing Program <p>Mr. Rustico Noli D. Cruz, Vice President and OIC, Program Development and Management Group, Development Bank of the Philippines (DBP)</p>
14:20 – 14:30 (10 min)	<p>ASEAN Accelerator: Global Cleantech Innovation Programme (GCIP) for ASEAN</p> <ul style="list-style-type: none"> • Status Update of JAIF Project Proposal titled Enhancement of Clean Energy Technology Ecosystem and Its Connectivity in ASEAN (ASEAN Accelerator) <p>Dr. Zulfikar Yurnaidi, Head of Energy Modelling and Policy Planning (MPP) and Energy Efficiency and Conservation (CEE) Department, ACE</p>
14:30 – 14:45 (15 min)	Q&A
14:45 – 15:00 (15 min)	Coffee Break
<p>SESSION V: ASEAN BEST PRACTICES AND CHALLENGES ON FINANCIAL INSTRUMENTS AND DE-RISKING MECHANISMS</p> <p>Moderator: Dr. Zulfikar Yurnaidi, Head of MPP and CEE Departments, ACE</p> <p>This session will take a deep dive into the financing, activity support, and risk mitigation methods that are important to accelerate the development and deployment of energy efficiency and clean energy in ASEAN</p>	
15:00 – 15:10 (10 min)	<p>Regional Context and Initiatives on Financial Instruments and De-Risking Mechanisms</p> <p>Ms. Mardika Firlina, Associate Officer of CEE Department, ACE</p>
15:10 – 15:50 (40 min)	<p>Panel Discussion and Q&A Session</p> <p>Financial Instruments and De-Risking Mechanisms for Energy Efficiency and Clean Energy Development in ASEAN</p> <p>Panellist 1: Ms. Syafiqah Binti Hazmi, Assistant Director, Energy Commission of Malaysia</p> <p>Panellist 2: Mr. Wisaruth Maethasith, Engineer, Professional Level, DEDE of Thailand</p> <p>Panellist 3: Ms. Maria Teresita Lacerna, Legal Adviser and Lead, Sustainable Finance & Green Development, ADFIAP</p> <p>Panellist 4: Ms. Haruna Yoshizawa, Section Chief, Global Environmental Affairs Office, METI</p>
<p>SESSION VI: FURTHER ACTIVITIES OF CEFA</p> <p>Moderator: Mr. Norihiro Kimura, Senior Negotiator for Climate Change, Global Environmental Affairs Office, METI</p>	

This session will provide an update on APAEC Post-2025 development and gather feedback from ASEAN Member States on the key challenges for accelerating energy transition towards a decarbonised energy system in ASEAN and the support needed from CEFIA project															
15:50 – 16:00 (10 min)	<p>Development and Recommendations of APAEC Post-2025</p> <p>Ms. Dynta Trishana Munardy, Senior Officer of APAEC Department, ACE</p>														
16:00 – 16:30 (30 min)	<p>Open Discussion with ASEAN Member States</p> <p>Moderator to invite each AMS representatives and three private sectors to verbally provide their insights for 3 minutes</p> <p><u>AMS</u></p> <table border="0"> <tr> <td>1. Brunei Darussalam</td> <td>6. Myanmar</td> </tr> <tr> <td>2. Cambodia</td> <td>7. Philippines</td> </tr> <tr> <td>3. Indonesia</td> <td>8. Singapore</td> </tr> <tr> <td>4. Lao PDR</td> <td>9. Thailand</td> </tr> <tr> <td>5. Malaysia</td> <td>10. Vietnam</td> </tr> </table> <p><u>Other Sectors</u></p> <table border="0"> <tr> <td>1. JASE-W</td> <td>3. ACE</td> </tr> <tr> <td>2. ADFIAP</td> <td></td> </tr> </table> <p>Questions:</p> <ul style="list-style-type: none"> • Feedback and Input on Existing CEFIA Flagship Projects and Cross-Sectoral Initiatives • Proposed Topics for the Next CEFIA Flagship Projects and Cross-Sectoral Initiatives • Specific Activities and Support from CEFIA to Accelerate ASEAN's Energy Transition 	1. Brunei Darussalam	6. Myanmar	2. Cambodia	7. Philippines	3. Indonesia	8. Singapore	4. Lao PDR	9. Thailand	5. Malaysia	10. Vietnam	1. JASE-W	3. ACE	2. ADFIAP	
1. Brunei Darussalam	6. Myanmar														
2. Cambodia	7. Philippines														
3. Indonesia	8. Singapore														
4. Lao PDR	9. Thailand														
5. Malaysia	10. Vietnam														
1. JASE-W	3. ACE														
2. ADFIAP															
<p>FORUM WRAP-UP AND CLOSING</p> <p>MC: Ms. Krittayanee Jaipetch, Plan and Policy Analyst, DEDE of Thailand</p>															
16:30 – 16:35 (5 min)	Post Survey														
16:35 – 16:50 (15 min)	<p>Closing Remarks</p> <ul style="list-style-type: none"> • Mr. Norihiro Kimura, Senior Negotiator for Climate Change, METI Japan • Mr. Christopher G. Zamora, Senior Manager of APAEC Department, ACE • Ms. Apiradee Thammanomai, Director of Strategy and Planning Division, Thailand as Host Country 														
16:50 – 17:00 (10 min)	Group Photo for All Participants														