

# ECAP37

## PROGRAM GUIDANCE

10 – 14 November 2025 Tokyo Japan

**International Cooperation Division  
The Energy Conservation Center, Japan**

# Remarks for Online Participants



- **Participants should mute their microphones and only unmute if they wish to present/speak.**



- **Participants should only turn on their video camera when presenting or making an intervention, as turning on the video may impact the quality of the connections and voice quality.**

## **For Question and Answer session:**

- **Those who wish to ask or speak may use the chat room by typing their country and name and sending it.**



# Execution System For the Workshop

Agency for Natural Resources and Energy (**ANRE**)  
Ministry of Economy, Trade and Industry (**METI**)  
経済産業省 資源エネルギー庁

The Energy Conservation Center, Japan (**ECCJ**)  
一般財団法人 省エネルギーセンター

ASEAN Centre for Energy (**ACE**)  
(ASEAN Partner)

# AJEEP Activities

- **After PROMEEC, Promotion of Energy Efficiency and Conservation (implemented in 2000-2011) and the MTPEC, Multi-country Training Program on EE&C for ASEAN (implemented in 2005-2011), the new scheme, "ASEAN-Japan Energy Efficiency Partnership" (called AJEEP), was agreed to be implemented in the SOME-METI consultation Meeting held in 2012, where the new workshop in Japan, named as "Energy Conservation Workshop under AJEEP" (called ECAP) was placed as one of the AJEEP programs for AMSs.**
- **AJEEP is funded by Ministry of Economy, Trade and Industry (hereinafter referred to as "METI") and implemented on behalf of METI by The Energy Conservation Center, Japan (hereinafter referred to as "ECCJ") in cooperation with the Jakarta-based ASEAN Centre for Energy (hereafter referred to as "ACE").**
- **ECAP is the essential and basic workshop for the personnel from governments, public organizations and non-profit organizations. The ECAP program aims to assist ASEAN supported group in narrowing the gaps of capacities for energy conservation among ASEAN member states (AMSs).**
- **It also aims to enhance the cooperation between Japan and ASEAN in the field of energy efficiency and conservation.**
- **ACE is the intergovernmental organization to coordinate implementation of projects under ASEAN Plan of Action for Energy Cooperation (APAEC).**

# Outline of AJEEP Scheme 5 (FY2022-FY2025)

## Objectives



### Objective of the Scheme 5

To promote and disseminate the Advanced Technologies and Systems for Energy Management in line with APAEC Phase-II in Industry, Transportation, and Building sectors towards **Carbon Neutrality (CN)**



### Implementation

(1) Advancement of Energy Management in **industry**, CN Diagnosis with participation of AAT

(2) Introduction of Energy Management in **transportation** through Online Seminar

(3) Spread of **ZEB Family Concept** towards net zero energy building through ECAP or CN Diagnosis

AAT: AJEEP ASEAN Trainer



### Objectives of AMS Capacity building for CN

To enhance the capacity of AMS to implement policies and incentives on sustainable EE in industry and building

To raise awareness on energy use and methods to increase energy efficiency in transportation sector

To make/implement EE&C Project towards CN

# Schedule of AJEEP (FY2025)

## Annual Activity

	2024 July	Aug.	Sept.	Oct.	Nov.	Dec.	2025 Jan.	Feb.	Mar.
AJEEP Plenary Mtg. etc.		Inception Mtg. (8/13-14) ↔						Post Mtg. (2/M-E) ↔	
Scheme 4 SAEMAS			SAEMAS/CSM Trial Run (9/E-11/E) Practical Training with video (9/25-29) Energy Audit (physical/virtual)(Sept.-Nov.) ↔ Lecture/ Exam.(11/17-21) CSM Dissemination Seminar(11/21)						
<b>Scheme 5</b> Scheme 5 Advanced EM toward CN		Start up Mtg. · Philippines(8/21) · Indonesia(8/ ) · Lao PDR(8/ )	CN Diagnosis : · Industry × 2(9E-11M) · Building × 2(9E-11M)					Interim Mtg. on CND (1/E)	
ECAP In JPN				ECAP-36 Building (10/27-31) ↔	Transportation Online seminar (11/13) ECAP-37 Industry (11/10-14) ↔	ECAP-38 SAEMAS (12/8-12) ↔			
ASEAN Mtg.	29 <sup>th</sup> EE&C-SSN(5/22) 26 <sup>th</sup> SOME-METI 24 <sup>th</sup> SOME+3(6/17)	ASEAN+3 NRE & EE&C Forum		43 <sup>rd</sup> AMEM (10/14-17)					

# Background (ECAP37)

- **Accelerating global warming and Carbon Neutral (CN) is serious challenges.**
- **In order to promote CN initiatives among business operators in industrial and transportation sectors, it is necessary to consider improving existing EE&C Act, related regulations and measures.**
- **It is an effective mean to develop/improve obligatory reporting systems such as periodical report, mid-long term plan, energy audit report to make the promotion of non-fossil energy, RE and advanced energy-efficient technologies more effective and enforceable.**

# Objectives (ECAP37)

- ( a ) To learn the policy/regulations, incentive measures/ supporting systems, technologies and excellent practices towards CN in industrial and transportation sector.**
  
- ( b ) To discuss and make the draft plan on suitable policy/regulations/measures/obligatory reporting systems for business operators in industrial and transportation sector of participant's countries towards CN.**

# PARTICIPANTS

## ASEAN

- **EE&C policy makers for the industrial sector.**
- **Technical experts from government officials in charge of EE&C Policy and technology, etc.**
- **ASEAN coordinator from ACE**

## Advisers / Experts

(ECCJ / International Cooperation Division)

### ➤ **Advisor / Lecturer :**

- **Dr. Yoshitaka USHIO**
- **Mr. Toshiyuki MINEGISHI**
- **Mr. Takashi YAMANAKA**
- **Mr. Masanori IWAHASHI**
- **Mr. Yukihiro OKAMOTO**
- **Mr. Toshio ANDO**
- **Mr. Niro KITAGAWA**
- **Hideo KUBOTA**

# Lecturers (1)

Lecturers / Japanese organizations, private companies and ACE

## ➤ Day 1 (Mon. 10<sup>th</sup> Nov.)

### ◆ Mr. Masaki KAMIURA

**Ministry of Economy, Trade and Industry (METI)**

**(International Affairs Division, Agency for Natural Resources and Energy)**

Theme : Japan's Revised EE&C Act and support measures towards CN

### ◆ Mr. Dan Resky Valeriz

**ASEAN Centre for Energy (ACE)**

Theme : ASEAN's Latest Policies and Initiatives towards CN

### ◆ Dr. Toshikazu AKIYAMA

**The Energy Conservation Center, Japan (ECCJ)**

Theme : Japan's Revised EE&C Act

### ◆ Mr. Yosuke SATO

**Japan Organization for Metals and Energy Security (JOGMEC)**

Theme : Technological development and support measures to realize CN in Japan

# Lecturers (2)

## Lecturers / Japanese organizations and private companies

### ➤ Day 2 (Tue. 11<sup>th</sup> Nov.)

#### ◆ Mr. Daisuke ICHIMURA

##### **Japan Cement Association (JCA)**

Theme : CN initiatives and response to revised EE&C Act in Cement industry

#### ◆ Mr. Yuuki SATODATE

##### **ETRIA CO., LTD.**

Theme : Promote EC by 3Rs (Reduce, Reuse, Recycle) of energy using digital data

#### ◆ Ms. Yuko CHIKAZOE

##### **Japanese External Trade Organization (JETRO), Bangkok Office**

Theme : Support projects for decarbonization in ASEAN

# Lecturers (3)

## Lecturers / Japanese organizations and private companies

### ➤ Day 4 (Thu. 13<sup>th</sup> Nov.) - Transportation Online Seminar

#### ◆ Mr. Rio Jon Piter Silitonga

##### **ASEAN Centre for Energy (ACE)**

Theme : : Initiatives to improve transport logistics efficiency for CN in ASEAN

#### ◆ Mr. Toshiyuki MINEGISHI

##### **The Energy Conservation Center, Japan (ECCJ)**

Theme :

- Directions and challenges for next generation vehicles (BEV)
- Revised EE&C Act related to transportation sector and follow-up on the decarbonization of commercial vehicles

#### ◆ Mr. Sho ISHIDA

##### **Aeon Hokkaido Corporation**

Theme : Consignors' logistics management and logistics partner relationships

# Site Visit

## Site Visit

### ➤ Day 3 (Wed. 12<sup>th</sup> Nov.)

#### ◆ RYOBI LIMITED

- Excellent Practice in the Factory < EE&C Grand Prize Award >
  - Reduction of electricity consumption through visualization and cross-departmental organizational activities at manufacturing facilities for automobile-related products
- Initiatives across the entire company
  - Plan for CN

# Program Schedule - Day 1 (Mon 10th Nov)

(JST : GMT+9)

09:30 - 10:30	Orientation, Program guidance, Self-introduction	ECCJ / Mr. Yamanaka Mr. Okamoto
10:30 - 11:10	Opening remarks	METI / Mr. Kamiura ECCJ / Mr. Koizumi ACE / Ms. Linn Rep of trainee/
11:10 - 11:30	Group Photo	
11:30 - 12:00	Keynote lecture : Japan's Revised EE&C Act and support measures towards Carbon Neutrality (CN)	METI / Mr. Kamiura
12:00 - 12:30	Keynote Lecture : ASEAN's Latest Policies and Initiatives towards CN	ACE / Mr. Valeriz
12:30 - 14:00	Lunch break	
14:00 - 16:00	Lecture : Japan's revised EE&C Act - transition to non-fossil energy, optimization of electricity demand, changes in periodical reports, disclosure system for periodical report, mid-long-term plans, EE&C guideline and EM manual, benchmark system, etc.	ECCJ / Dr. Akiyama
16:00 - 16:10	Coffee Break	
16:10 - 16:50	Lecture : Technological development and support measures to realize CN in Japan	JOGMEC / Mr. Sato
16:50 - 17:00	Q&A	AMS, ECCJ, JOGMEC

# Program Schedule - Day 2 (Tue 11th Nov)

09:30 - 9:40	Overview of the reporting system for business operator submitted by AMS participants	ECCJ
09:40 - 12:00	Presentation of Country Report : <Subject> Current / Planned Policy / Measure towards CN, Reporting system for business operators Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines	AMS Participants <20 minutes per country>
12:00 - 13:30	<b>Lunch Break</b>	
13:30 - 15:00	Presentation of Country Report : Singapore, Thailand, Vietnam	AMS Participants <20 minutes per country>
15:00 - 15:40	Lecture: CN initiatives and response to revised EE&C Act in energy-intensive industry	JCA/ Mr. Ichimura
15:40 - 16:20	Lecture: Case study of company plan for CN and advanced technologies /excellent practices - Promote EE&C by 3Rs (Reduce, Reuse, Recycle) of energy using digital data	ETRIA CO., LTD/ Mr. Satodate
16:20 - 16:30	<b>Coffee Break</b>	
16:30 - 17:10	Lecture: Support projects for decarbonization in ASEAN	JETRO Bangkok / Ms. Chikazoe
17:10 - 17:20	Q&A	AMS, ECCJ, JETRO

# Program Schedule - Day 3 (Wed 12th Nov)

09:10 - 13:00	Move from Hotel / Lunch	
13:00 - 15:00	<b>Site Tour</b> <ul style="list-style-type: none"><li>● <b>Excellent Practice in the Factory</b> <b>&lt; EE&amp;C Grand Prize Award &gt;</b><ul style="list-style-type: none"><li>- Reduction of electricity consumption through visualization and cross-departmental organizational activities at manufacturing facilities for automobile-related products</li></ul></li><li>● <b>Initiatives across the entire company</b><ul style="list-style-type: none"><li>- Plan for CN</li></ul></li></ul>	<b>RYOBI LIMITED</b>
15:00 - 17:30	Move to Hotel	

# Program Schedule - Day 4 (Thu 13th Nov)

09:40 - 10:40	Explanation for reference information and proposed discussion topics	ECCJ / Mr. Okamoto
<b>Transportation Online Seminar</b>		
11:00 - 11:20	Guidance, Opening remarks, Photo shoot	ECCJ / Koizumi
11:20 - 11:40	Lecture: Initiatives to improve transport logistics efficiency for CN in ASEAN	ACE / Mr. Silitonga
11:40 - 12:05	Lecture: Directions and challenges for next generation vehicles (BEV), Q&A	ECCJ / Mr. Minegishi
12:05 - 12:30	Lecture: The revised EE&C Act related to transportation sector and follow-up on the decarbonization of commercial vehicles	ECCJ / Mr. Minegishi
12:30 - 13:00	Lecture: Consignors' logistics management and logistics partner relationships	Aeon Hokkaido / Mr. Ishida
13:00 - 13:10	Summary of online seminar – Outcome and future challenge	ACE / Mr. Valeriz
13:10 - 13:20	Closing Remarks <End of Online Seminar>	ECCJ / Koizumi
13:20 - 13:30	Explanation for discussion point on public transportation	ECCJ / Mr. Minegishi
13:30 - 15:00	<b>Lunch Break</b>	
15:00 - 15:20	Q&A (overall content)	ECCJ, ACE, AMS
15:20 - 17:20	Group Discussion - Discussion and making draft action plans of ASEAN's EE&C Act and Reporting System for CN	AMS

# Program Schedule - Day 5 (Fri 14th Nov)

<b>09:30 - 10:40</b>	<b>Summary of Group Discussion</b>	<b>AMS</b>
<b>10:40 - 11:50</b>	<b>Presentations by Participants - Draft action plans</b>	<b>AMS</b>
<b>11:50 - 13:20</b>	<b>Lunch Break</b>	
<b>13:20 - 14:30</b>	<b>Presentations by participants - Continue</b>	<b>AMS</b>
<b>14:30 - 15:00</b>	<b>Summary of Training Program - Outcome and Future Challenge</b>	<b>ACE / Mr. Valeriz</b>
<b>15:00 - 16:20</b>	<b>Closing Remarks, Awarding of Certificates, Closing Ceremony</b>	<b>ECCJ / Mr. Koizumi ACE / Ms. Linn Rep of trainee /</b>
<b>16:20 -</b>	<b>Information Exchange</b>	

# Download Presentation Materials

<https://www.asiaeec-col.eccj.or.jp/ecap37-materials/>

<https://www.asiaeec-col.eccj.or.jp/materials-ajeep-transport-seminar-2025/>

Please submit questionnaire.

Download link is available on this page.

Submission in digital word format by email is recommended.

# Group Discussion

Choose the Group

	Cambodia	Lao PDR	Malaysia	Myanmar	Philippines	Singapore	Thailand	Vietnam
<b>Group A Leader :</b>	<input type="checkbox"/>							
<b>Group B Leader :</b>	<input type="checkbox"/>							

**Group Discussion**



**Leader will advise or discuss within the group on your ideas of new policy / measures and obligatory reporting systems towards CN in your country.**

**Each participant will present the draft action plans after discussion**

# Questionnaire

## Questionnaire

Code : ECAP3T

Country: \_\_\_\_\_

Your Name: \_\_\_\_\_

**Please submit your answer by 12:00 on 14<sup>th</sup> November 2025**

Improvement of EE&C Act and related legal measures towards CN  
 Please select and check (✓) the regulations /measures you would like to establish or improve in your country.  
 (Multiple answers allowed)  
 After this workshop, ECCJ will follow up with participants that will make the action plan during the workshop  
 for improving the regulation /measures towards CN, and ECCJ may provide guidance and support.

	Consideration Possibility	
	High	Low
1. EE&C Act and related regulations		
1.1 Reporting System		
a. Periodical Report	<input checked="" type="checkbox"/>	
b. Periodical Report Disclosure System	<input checked="" type="checkbox"/>	
c. Online Reporting System		
d. Mid-Long term Plan Report		
e. Energy Audit Report, etc		
f. Reporting systems for other greenhouse gases (MRV, etc.)		
1.2 Measures for Shifting to Non-fossil Energy	<input checked="" type="checkbox"/>	
1.3 Measures for Optimizing Electricity Demand	<input checked="" type="checkbox"/>	
1.4 EC Guideline	<input checked="" type="checkbox"/>	
1.5 BM Manual		<input checked="" type="checkbox"/>
1.6 Business Operator-based Regulatory system Appointment "Energy management supervision officer"/"Energy management planning promoter" of "Specified business operator"/"Specified chained business operator"	<input checked="" type="checkbox"/>	
1.7 Certification System for Certified Managing and Supervising Business Operator		<input checked="" type="checkbox"/>
1.8 Certification system for Collaborative Energy-Efficiency Plan		
1.9 Benchmark System (Industrial Top Runner Program)		
1.10 Evaluation System for Business Operators Classification (SABC Evaluation)		
1.11 Top Runner Program for Equipment		<input checked="" type="checkbox"/>
1.12 Labeling System for Equipment		<input checked="" type="checkbox"/>
1.13 On-site Inspection, Field Survey of Factories (Individual Assessment)		<input checked="" type="checkbox"/>
1.14 Penal provisions / Penalties		<input checked="" type="checkbox"/>

1.15 Others (Please describe)		
2. Measures for CN other than the EE&C Act		
2.1 Investment Promotion Measures for CN Technologies		<input checked="" type="checkbox"/>
2.2 Carbon Pricing (CP)		<input checked="" type="checkbox"/>
2.3 Emissions Trading System (ETS)		
2.4 Others (Please describe)		
3. Support System / Subsidy		
3.1 Energy Audit / CN Diagnosis		
3.2 Investment fund support / subsidies	<input checked="" type="checkbox"/>	
3.3 Third-party utilization (ESCO, Energy management companies)		
3.4 Others (Please describe)		
4. Follow-up Lecture Training for Energy Manager		<input checked="" type="checkbox"/>
5. Energy Award for Industrial Business Operators, etc		
6. Measures for Public Transportation	<input checked="" type="checkbox"/>	

We would like you to let us know your opinion.  
 What theme do you want to focus on for next ECAP?

For future reference, We would appreciate your informing us of any comments you may have.

Thank you very much for your kind cooperation and valuable feedback!

# Questionnaire

<https://www.asiaeec-col.eccj.or.jp/ecap37-materials/>



## Materials for AJEEP ECAP37

PDF materials are available for download limited to the participants of ECAP37

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[Program](#)

[Program Guidance – ECCJ](#)

[Questionnaire](#)

After completing the questionnaire, please send it to [<aeec-info@eccj.or.jp>](mailto:aeec-info@eccj.or.jp).

Submission in digital Word format is recommended.

# Thank you for your kind attention

