



The Final (3rd) Workshop on the National Long-term Roadmap to Synergise Mitigation and Adaptation in the ASEAN Region

Objectives of the Final (3rd) Workshop

Online, 31st March 2025
Yosuke ARINO, IGES

The research project on long-term roadmap to synergise mitigation and adaptation, aiming for developing methodology (guidance) for ACCSAP, is supported by the Environment Research and Technology Development Fund (JPMEERF20221C06) of the Environmental Restoration and Conservation Agency provided by MOEJ.

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Discussant

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Activities

Website

- IGES Website (SMO-KC)
- Think-tanks in ASEAN

International/regional events

- COP27/COP28
- UNESCAP (Oct 2024)
- ASEAN Working Group on Climate Change (AWGCC) Meetings
- ASEAN events

IGES workshops



ASEAN

- ASEAN Centre for Energy/Biodiversity

ASEAN countries:

- IPB University (Indonesia)
- UPLB (Philippines)
- Thammasat University (Thailand)
- IMHEN (Viet Nam)

Japan

- NIES
- MUFG Bank



Research

- Various analyses (policy analysis, simulation, GIS, questionnaire/ interview surveys)

Publications

- Journal papers
- Books (Maruzen book etc.)
- Workshop proceedings
- **Guidance & Technical Report on National Long-term Roadmap to Synergise Mitigation and Adaptation**
- **ASEAN Climate Change Strategic Action Plan 2025-2030 (ACCSAP)**

Regional (ASEAN)

- ASEAN Secretariat
- AWGCC



National (ASEAN countries)

- AWGCC National Focal Points
- Line ministries
- ➔ National ministerial WS



Subnational

- Laguna lake (PH)
- Local power companies, etc.
- ➔ Subnational WS in four countries

Japan (MOEJ, MOFA, etc.)



Overview of this project

Objective and approach

To develop a **guidance for national long-term roadmap to synergize mitigation and adaptation** by examining a net-zero transition and its implication on resilience/adaptation

Output
(March 2025)

Guidance & Technical Report on the national long-term roadmap to synergise mitigation and adaptation (for formulating/revising **LTS, NAPs, NDCs** and **sectoral policies**)



1

“Net-zero transition”



*Energy transition (IDN, THI)
(Coal→gas, RE)*

Transition finance

Factor analysis

Solar PV potential

Large-scale solar PV diffusion

*Governance/
Institutional
arrangement*

2

**Examination of impacts
on resilience/adaptation**

3

**“Resilient Net-Zero
Transition”**

**Sustainable energy/land transition that
synergize mitigation and adaptation**

*Case studies for agriculture sector
(Coffee, VTN) and solar PV on resilience*

**Synergy with adaptation to
extreme events/floods**

Impact on land-use/biodiversity

Adaptation co-benefits(PHI)



**Increasing
diversification
via intercropping**



**Optimize use of
chemical fertilizers**



-Government & Think-tanks in at least 4 ASEAN countries (Indonesia, Philippines, Thailand, Viet Nam)
-Industry (Finance, power, etc.)
-Youth (Various organizations)
-NIES (AIM, AP-PLAT) team in Japan

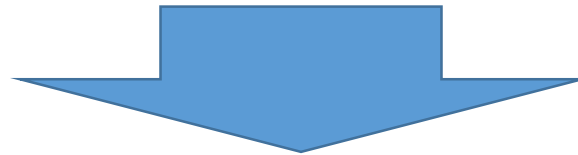
Support

Outline of Technical Report on the National Long-term Roadmap to Synergise Mitigation and Adaptation in ASEAN countries, Version 1 (By May 2025)

Executive Summary

1. Introduction
2. Current Status of Long-Term Strategies and Development Plans in four ASEAN countries
3. Mitigation Pathway to Net-zero Emission in the Power Sector
4. Transformation to a resilient Net-zero system
5. Integrated Transition Synergising Mitigation and Adaptation
 - Case Study on Solar PV impact on resilience and adaptation in the Philippines
 - Case Study on Viet Nam's coffee farmers
6. Macro-frame of Long-term Roadmap to Synergise Mitigation and Adaptation
7. Conclusion

Today's Focus



Policy Recommendation

(By May 2025)

Guidance on the National Long-term Roadmap to Synergise Mitigation and Adaptation in ASEAN countries

Objectives of the Final Workshop

- This WS aims to present **key messages from the Technical Report on the Guidance for the Long-term Roadmap to Synergise Mitigation and Adaptation in the ASEAN region**, ahead of its official release.
- **The publications (Guidance document and Technical Report etc.) will be a reference for various policies.**
 - Long-Term Strategies (LTS), Nationally Determined Contributions (NDCs), National Adaptation Plans (NAPs), and sectoral policies across ASEAN member states, as well as the ASEAN Climate Change Strategic Action Plan 2025–2030 (ACCSAP).
- **The event welcomes various stakeholders** from government, industry, think tanks, youth groups, civil society organisations (CSOs), and NGOs from ASEAN and outside.

