



Session VI: Updates on the APAEC Post 2025 Development

6th CEFIA Forum
Bangkok, Thailand

23 July 2024



**One Community
for Sustainable
Energy**

Progress of APAEC Phase II: 2021-2025

Incremental progress, substantial efforts and cooperation are needed to achieve regional goals by 2025



4.3 out of 5

Overall Scorecard of
APAEC Phase II Mid-
Term Review in 2023



APG

9 out of 18

Bilateral
interconnections

LTMS-PIP

Commenced in 2022



TAGP

48.5 MTPA

Regasification capacity
in 11 terminals

13

Cross-border
Pipelines in 6 AMS



CCT

18 GW

CCT (SC & USC)
installed power capacity
and 13 coal-biomass
co-firing plants.



EE&C

27%

Energy intensity
reduction as of
2022 based on
2005 levels



RE

16.2%

RE Share in TPES in 2022

33.3%

RE share in installed
power Capacity in 2022



REPP

SOME-ADB

SOME-EU

Established in 2023



CNE

350

Policy maker trained
from 7 regional
nuclear capacity
building programme

Towards APAEC 2026-2035

Energy Security and Resiliency

- Grid Modernization and Multilateral Power Trading
- Gas Supply Security
- CCUS Hubs and Cross Border Carbon Transport and Storage

Just and Sustainable Energy Transition

- Decarbonisation Technologies and Sustainable Fuels
- Higher RE penetration
- EE&C Measures in Industry and Transport
- Just Coal Transition
- Nuclear for power and industry

Cross Sectoral Issues

- Supply chain and critical minerals
- Circular economy
- Financing and investment
- Blue Economy
- Carbon market
- Climate Change

APAEC Post-2025: Aligning with the ASEAN Community Vision 2045 and ASEAN Economic Community Strategic Plans 2026-2030



Internal – Regional References

External – Global References

Regional Economic Framework

ASEAN Economic Community Strategic Plans 2026-2030

ASEAN Community Vision 2045

UN's SDGs

Paris Agreement

ASEAN Economic Strategies

ASEAN Framework for Circular Economy

ASEAN Strategy on Carbon Neutrality

ASEAN Blue Economy Framework

ASEAN Taxonomy for Sustainable Finance

Other related topics to be considered:

1. Just Energy Transition
2. Macroeconomics
3. New Economics for Sustainable Development
4. Geopolitics Challenges
5. Industry 4.0 / Digitalisation
6. Raw Material Sourcing related Policies
7. Other relevant topics

Energy Sector Directives

APAEC Phase II MTR

8th ASEAN Energy Outlook

ASEAN RE Long term Roadmap

AIMS III

APAEC 2026 - 2030

Key Content of 5-year plan of APAEC:

- Theme of ASEAN energy sector
- Programme Areas
- Key priorities and (Aspirational) Targets
- Strategies / Strategic Measures and Activities / Action Plans
- Monitoring and Evaluation Mechanism

APAEC Drafting Committee (ADC)



The ADC is tasked to **develop and formulate the next cycle of APAEC post 2025** under the framework of the **ASEAN Community Vision** and **ASEAN Economic Community post 2025**.

The Members

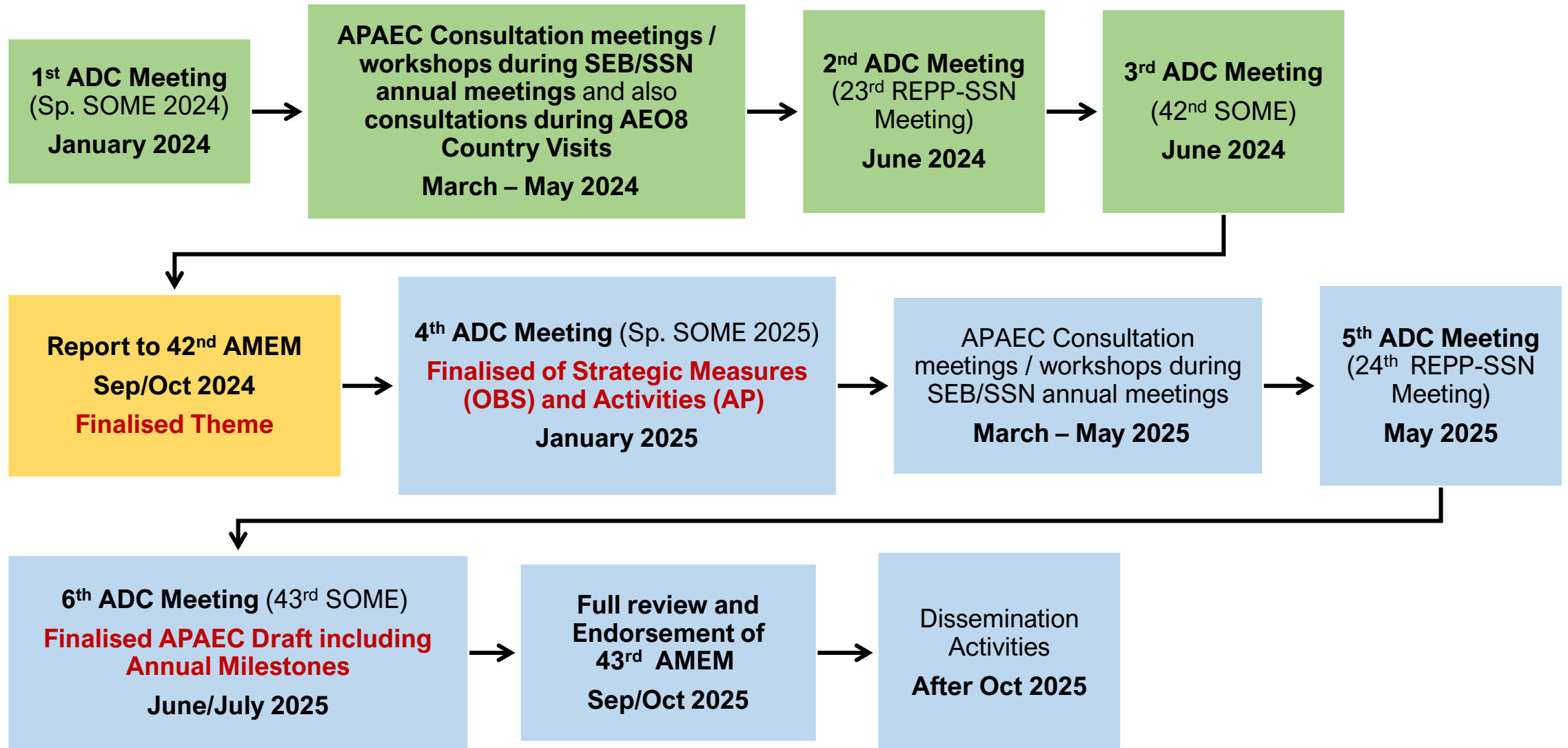
- Representative(s) from the ten (10) AMS and from Timor-Leste as Observer;
- Representative(s) from each of the SEBs and SSNs (represented by SEB Secretaries-in-Charge and SSN Chairs);
- Representative(s) from the ASEAN Centre for Energy (ACE); and
- Representative(s) from the ASEAN Secretariat (ASEC).

REPP-SSN Chairman assumes the position as the Chair of ADC

Roles

- 1. Evaluate** the current APAEC framework including its implementation performance and propose recommendations to rationalise and improve the new APAEC
- 2. Review** the recommendations of the APAEC Phase II: 2021-2025 MTR to identify the potential new priorities, programme areas, outcome-based strategies, and action plans.
- 3. Reference** key ASEAN documents such as the ASEAN Charter, the ASEAN Community Vision, the ASEAN Economic Community Blueprint, etc.
- 4. Assess** current global, regional and national energy trends to provide the basis context.
- 5. Engage** relevant DP/IOs, private sectors, and other key stakeholders.
- 6. Formulate** the approach to analyse and monitor the impact of APAEC programme implementation.

Timeline and Way forward



Highlights from 3rd ADC Meeting



- In conjunction with 42nd SOME Meeting
- Dialogue Sessions with DP/IOs

Potential Topics/Activities/Objectives under APAEC Post 2025:

- Capacity Buildings for Key Energy Stakeholders for Sustainable Energy Transition
- Policy Framework Assistance and Financial Assistance
- Advancement of green and low-carbon energy transition
- Increase the proportion of RE by harmonizing RE Procurement and expand RE credits and certifications
- Long-term Financing Mechanism for RE and Clean Energy Deployment
- Foster cross-border power trading to enhance energy resilience and regional connectivity
- Cross-sectoral collaboration for sustainable development
- Strengthen bilateral and multilateral technology exchanges
- “Triple breakthrough“ objectives for achieving emission reduction, energy security, and economic growth
- Unlock private sector investment in clean energy infrastructure through supportive policies and regulatory frameworks
- Explore New and Emerging Technologies for Energy Sector
- Unite government and private sectors to advance technology and reduce costs for global deployment
- Mainstream gender equality and empower women in the energy sector,

THANK YOU

