

SOUTHEAST ASIA ENERGY TRANSITION DIALOGUE

**GOVERNANCE OF THE ENERGY
TRANSITION AND THE ROLE OF MARKETS****OVERVIEW****Date & Time**Friday, 3rd March 2023

- 08:30 – 11:00 Hanoi, Jakarta time
- 09:30 – 12:00 Manila time
- 12:30 – 15:00 AEDT

Venue

Zoom Webinar

Languages

English, Bahasa, Vietnamese, Thai

Objective

The webinar explores how governance reform and markets can attract private finance and accelerate energy transition in Indonesia, the Philippines and Vietnam.

Register here**Structure and scope of the dialogue**

The Dialogue is structured as two plenary sessions. Each session starts with keynote presentations that will present evidence to the plenary. A panel of regional experts will then respond to the presentation before opening for a facilitated plenary discussion.

The first plenary will focus on understanding the current status of energy sector governance in Southeast Asia and then, the types of reforms needed to evolve governance in support of energy transition. The discussion will consider governance holistically looking beyond regulatory reform to discuss also the institutions, norms and processes that determine how power and responsibilities over electricity services are managed.

The second plenary will focus on the status of electricity markets in the region discussing the level of progress towards competitive markets and the challenges markets face in Southeast Asia. The session will also draw on lessons of market reform from Australia and internationally to understand the benefits and risks that markets pose to the energy transition.

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**GOVERNANCE OF THE ENERGY
TRANSITION AND THE ROLE OF MARKETS****BACKGROUND**

Indonesia, Philippines and Vietnam represent three of the largest power systems in ASEAN. Together they provide electricity services to 480 million people with 166 GW of installed capacity, constituting 58% of the total ASEAN installed capacity. Conspicuous in these three power systems, is a significantly high combined coal capacity of 68 GW [1].

Collectively ASEAN, including Indonesia, Philippines and Vietnam, have committed to a target of 23% of primary energy coming from renewables (RE) by 2025. All ASEAN countries, with the exception of the Philippines, have also announced net zero targets by 2050 or 2060.

Achieving these targets will take an unprecedented scaling up of RE investment. Between 2016 – 2021, ASEAN countries collectively invested less than USD 8 billion annually in renewables.

- For RE to reach 23% of primary energy, the annual investment would need to triple to USD27 billion [2].
- For Southeast Asia to achieve its Paris Agreement commitments, the annual investment would need to increase 5-12 times from current levels [3].

Attracting this scale of investment to RE is a major challenge for ASEAN power systems which have evolved to exploit historically abundant, but unsustainable, generation technologies like coal, gas and large hydropower. In addition, Governments alone cannot meet this scale of investment pointing to an urgent need to scale, direct and sustain private sector investment into RE. This requires a transformation in governance of the power systems and the electricity markets these systems support.

The 2023 Energy Transition Dialogue will take stock of market and regulatory conditions in Indonesia, Philippines and Vietnam, and explore how governance reform and markets can attract private finance and accelerate energy transition in these countries and ASEAN. The dialogue will bring together high-level speakers from ASEAN, Australia and Europe to share regulatory and market reform experiences and provide an open forum for discussion.

[1] ASEAN Center for Energy, 2021. ASEAN power updates.

[2] Vakulchuk, R., Overland, I., & Suryadi, B. 2023. ASEAN energy transition: how to attract more investment in renewable energy. *Energ. Ecol. Environ.* 8(1). 1–16. <https://doi.org/10.1007/s40974-022-00261-6>

[3] Quinton, J., Le, T., Ketelsen, T., Soejachmoen, K., Halimatussadiyah, A. 2023. Mind the gap: Exploring options to finance decarbonisation in Vietnam and Indonesia. Policy brief prepared for the Energy Transition Partnership (ETP) by AMPERES, Indonesia Research Institute for Decarbonization (IRID), LPEM FEB University of Indonesia.

AGENDA

OPENING SESSION

08:30 – 08:35	Welcome Remarks <i>Prof. Frank Jotzo, Head of Energy, Institute for Climate, Energy & Disaster Solutions, the Australian National University</i>
08:35 – 08:40	Welcome Remarks <i>Ms. Sirpa Jarvenpaa, Director, Southeast Asia Energy Transition Partnership</i>

PLENARY SESSION 1 – THE ROLE OF GOVERNANCE IN THE SEA ENERGY TRANSITION

Facilitator: Ms. Moekti Handajani Soejachmoen, IRID

08:40 – 08:55	Keynote presentation 1: ASEAN's energy transition: how to attract more investment in renewable energy <i>Mr. Beni Suryadi, Manager of Power, Fossil Fuel, Alternative Energy, and Storage, ASEAN Centre for Energy</i>
08:55 – 09:15	Panel Discussion 1: <ul style="list-style-type: none"> • <i>Mr. Harris Yahya, Director for Geothermal, Ministry of Energy and Mineral Resources Indonesia</i> • <i>Representative from the Philippines (tbc)</i> • <i>Mr. Pham Nguyen Hung, Deputy Director General, Electricity and Renewable Energy Authority, MOIT, Vietnam</i> • <i>Ms. Sirpa Jarvenpaa, Director, Southeast Asia Energy Transition Partnership</i>
09:15 - 09:35	Facilitated Q&A

PLENARY SESSION 2 – THE ROLE OF MARKETS IN THE SEA ENERGY TRANSITION

Facilitator: Dr Michael Abundo, ASOG

09:35 - 10:10	Keynote presentations 2: <ol style="list-style-type: none"> 1. Vehicles for change or barriers to transition? A word on markets for energy transitions in Southeast Asia (15 min) <i>Mr. Dimitri Pescia, Program Lead International, Agora Energiewende</i> 2. Role of markets in the Australian energy transition and lessons for SEA (20 min) <i>Prof. Frank Jotzo, Head of Energy, Institute for Climate, Energy and Disaster Solutions, ANU</i>
10:10 - 10:30	Panel Discussion 2: <ul style="list-style-type: none"> • <i>Mr. Deon Arinaldo, Program Manager Energy Transformation, Institute for Essential Services Reform</i> • <i>Ms. Luningning Baltazar, Assistant Director, Electric Power Industry Management Bureau, Department of Energy</i> • <i>Ms. Vu Chi Mai, Project Manager, Clean, Affordable and Sustainable Energy for the Southeast Asia, GIZ Vietnam</i>
10:30 - 10:50	Facilitated Q&A

CLOSING SESSION

10:50 - 10:55	Synthesis of discussion <i>Mr. Tarek Ketelsen, Director General, AMPERES.</i>
10:55 - 11:00	Closing remarks <i>Prof. Frank Jotzo, Head of Energy, Institute for Climate, Energy & Disaster Solutions, Australian National University</i> Close of roundtable