RENEWABLE ENERGY MARKETS ASIA 2023 PANEL DISCUSSION

ASEAN RENEWABLE ENERGY MARKET INTEGRATION & BOUNDARY CONSIDERATIONS



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Friday, 28 April 3:30-4:20 PM



RE100

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Markets for renewable electricity: principles, boundaries, and ASEAN outlook



REM Asia 2023 Nick Fedson Technical Manager – Renewable Energy, CDP



Regional Power Grid Connectivity:

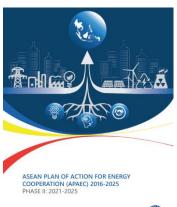
The ASEAN Power Grid (APG)



Regional blueprint for the energy cooperation in the ASEAN

ASEAN Plan of Action for Energy Cooperation (APAEC) 2016-2025 Phase 2: 2021-2025

- Theme: "Enhancing Energy Connectivity and Market Integration in ASEAN to Achieve Energy Security, Accessibility, Affordability and Sustainability for All".
- Sub-theme: "Accelerating Energy Transition and Strengthening Energy Resilience through Greater Innovation and Cooperation."

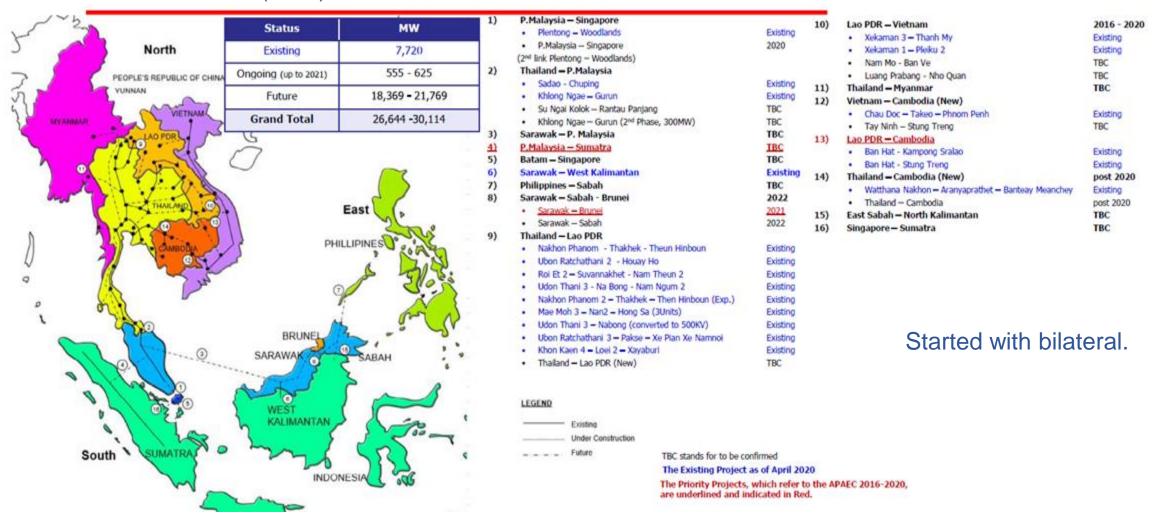




ASEAN Power Grid	To expand regional multilateral electricity trading, strengthen grid resilience and modernisation, and promote clean and renewable energy integration.	Energy Efficiency and Conservation	To reduce energy intensity by 32% in 2025 based on 2005 levels and encourage further energy efficiency and conservation efforts, especially in transport and industry sectors.
Trans-ASEAN Gas Pipeline Coal and Clean Coal	To pursue the development of a common gas market for ASEAN by enhancing gas and LNG connectivity and accessibility. To optimise the role of clean coal technology in facilitating the transition towards sustainable and lower emission development.	Renewable Energy	To achieve aspirational target for increasing the component of renewable energy to 23% by 2025 in the ASEAN energy mix, including through increasing the share of RE in installed power capacity to 35% by 2025.
Technology		Regional Energy Policy and Planning	To advance energy policy and planning to accelerate the region's energy transition and resilience.
		Civilian Nuclear Energy	To build human resource capabilities on nuclear science and technology for power generation.

Infrastructure projects that shaping regional electricity integration

ASEAN Power Grid (APG)



Pathfinder for promoting regional power integration

Lao PDR-Thailand-Malaysia-Singapore Power Interconnection Project (LTMS-PIP)

