APEC Capacity Building Workshop for New and Renewable Energy Policy

Introduction

The inaugural **APEC Capacity Building Workshop for New and Renewable Energy Policy (EWG 104 2025A),** under the theme "***RE Policies and Investments: Are We on the Right Track?",*** was held in Bangkok, Thailand, on 31 March 2026.

The Workshop brought together member economies, regulators, researchers, investors, developers, development partners and other experts to share experiences in implementing renewable energy projects within APEC economies. Discussions focused on practical approaches to renewable energy implementation, strengthening policy frameworks, improving investment conditions, and addressing implementation challenges faced across different contexts and economies.

Key recommendations

1. **Technology and business models**
   (1) Economies need to acknowledge the ongoing shift from conventional baseload-oriented planning to flexible power system design that incorporates more renewable energy. Energy security will be increasingly dependent on transmission capacity, storage, demand-side flexibility, forecasting and effective grid management.
   (2) There is a need to strengthen transmission, storage, and grid integration to enable renewable energy deployment at scale.
   (3) APEC policymakers should support self-organised renewable energy models such as industrial parks and other large energy users. These users should be enabled and encouraged to organise their own renewable energy supply to meet their own energy demands. Regulators can support these models by establishing clear rules for installation permits and grid connections to enable a positive investment environment.

2. **Investment and communication**
   (1) Economies should strive to develop clear taxonomies and investment tools to guide investors, clarify eligible technologies, reduce investment uncertainty, support cross-border investment, and improve access to finance.
   (2) Stakeholders should address misconceptions about the cost and pricing of renewable energy, which can strengthen the investment case, build public and investor confidence, and support more informed policy and business decisions.

3. **Policy and regulatory frameworks**
   (1) Renewable energy should be positioned as an economic and energy security solution, especially given the recent geopolitical turbulence affecting APEC economies. Decision-makers should consider the benefits of renewable energy such as cost-competitive

electricity, improved energy access for remote communities, reduced exposure to fossil fuel price volatility, and stronger energy security.

(2) Cross-border regulation and regional cooperation should be strengthened to facilitate renewable energy investment, trade and knowledge exchange amongst APEC economies.

(3) Renewable energy auctions and competitive procurement should be expanded. Measures such as transparent auctions, open bidding, and other competitive procurement mechanisms to support renewable energy deployment should be considered, drawing on examples of successful implementation in APEC economies, including the Philippines.

(4) Market competition and renewable energy procurement should be promoted where appropriate. While public hesitation may be encountered initially, reforms can improve competition and attract investment when supported by strong regulation, transparency, and consumer protection.

4. Collaboration and continued engagement

(1) APEC should continue to support peer learning platforms that allow economies to exchange experiences, compare policy challenges, and identify practical lessons that can be adapted to their contexts.

(2) APEC economies should maintain communication and collaboration after the workshop to sustain policy momentum in renewable energy implementation. Continued engagement can support the exchange of policy updates, implementation challenges, and follow-up cooperation to accelerate renewable energy deployment at scale.

Please see the full report at the following links to explore more details:

APEC website: Capacity Building Workshop for New and Renewable Energy Policy | APEC

APERC website: 226_ewg_capacity-building-workshop-for-new-and-renewable-energy-policy.pdf