



Asia-Pacific
Economic Cooperation

EGNRET

EGNRET Updates

EGNRET Chair

Dr. Chi-Wen Liao



EGNRET 63 Meeting

Hosted by Republic of Korea
November 19, 2025

Outline

- 1. EGNRET 62 Meeting**
- 2. EWG 70 Meeting**
- 3. EGNRET Project Updates**
- 4. Next EGNRET Meeting**

EGNRET 62 Meeting



The Joint Meeting of Four Expert Groups of the APEC EWG

- Host Economy: **Hong Kong, China**
- Meeting Dates: **April 9-10, 2025**
- Meeting Format: **Physical Meeting**

Participating Economies (18)

Australia; Brunei Darussalam; Canada; Chile; People's Republic of China; Hong Kong, China; Indonesia; Japan; Republic of Korea; Malaysia; Papua New Guinea; Peru; The Philippines; The Russian Federation; Singapore; Chinese Taipei; Thailand; and Viet Nam

APEC fora (8)

APEC Secretariat, EWG Secretariat; EGEDA, EGEEC, EGNRET, EGCFE, APERC; APSEC

Non-APEC fora (4)

IEA, IRENA, IEF, CLASP

EGNRET 62 Meeting

The Joint Meeting of Four Expert Groups of the APEC EWG

Theme

Utilizing Carbon-Free Energy Technologies to Expand Clean Electricity in APEC

Highlights

- Increasing the **share of clean power**.
- Promoting **renewable energy integration** and **grid development**.
- Promoting **AI applications** for power forecasting and renewable energy management.
- Establishing **regional standards and policy alignment mechanisms**.
- Monitoring **clean energy progress**.

EGNRET 62 Meeting



Joint Meeting with EGCFE

- **Host Economy:** Hong Kong, China
- **Meeting Dates:** April 9, 2025
- **Meeting Format:** Physical Meeting

Participating Economies (13)

Canada; Chile; People's Republic of China; Hong Kong, China; Republic of Korea; Malaysia; Papua New Guinea; Peru; the Republic of the Philippines; Russia; Chinese Taipei; Thailand; Viet Nam

APEC fora (6)

APEC Secretariat; EWG Secretariat; EGCFE
APEREC; APSEC; SCSC

Non-APEC fora (2)

CETERI; OECD

EGNRET 62 Meeting

Joint Meeting with EGCFE

Theme

APEC Policy Guidance to Develop and Implement Clean and Low-Carbon Hydrogen Policy Frameworks in the Asia-Pacific

Highlights

- APERC shared “**Hydrogen Report 2024.**”
- Chile reported progress on the projects “**Certification of Hydrogen and its Derivatives in APEC Economies: Its Role in Driving the Market.**”
- Hong Kong, China reported progress on the projects “**Hydrogen for Land Transport: Development Pathways and Challenges.**”

EGNRET 62 Meeting

Joint Meeting with EGCFE

Highlights

- OECD presented “**Leveraging De-risking Instruments and International Coordination to Catalyze Investment in Clean Hydrogen.**”
- SCSC presented “**Standardization, Certification, and Collaboration for the Hydrogen Economy.**”
- Peru presented a **draft implementation workplan for the Policy Guidance on Low-Carbon Hydrogen.**

Discussion

- **EGNRET Future Collaboration**
 - Mapping **international hydrogen standards and frameworks.**
 - Sharing public resources via **EGNRET website.**

EWG 70 Meeting

EWG 70

- Host Economy: **Republic of Korea**
- Meeting Dates: **August 25 to 26, 2025**
- Meeting Location: **Busan, Korea**



APEC EWG 70 Meeting – EGNRET Chair Photo

➤ EGNRET Chair reported EGNRET 62 Meeting outcomes and updates.

Project Updates (As of November 14, 2025)

Status	Projects
Concept Note	0
Project Proposal	5
Project in Implementation	17
Completion since EWG 70 (August, 2025)	4

Project Updates (as of November 14, 2025)

2025 PS2 Project Proposal (5)

Economy	Project No.	Project Title	Project Session	Status
Chinese Taipei	EWG_201_2025A	2026 APEC ESCI Awards and Workshop on Promoting Good Practices and Recognizing Excellence in Energy Solutions	PS 2	Endorsed
Malaysia	EWG_202_2025A	AI-driven Renewable Energy Optimization for Sustainability and Resilience	PS 2	Endorsed
Japan	EWG_203_2025A	APEC Clean and Low-Carbon Hydrogen (CLCH) Policy Network	PS 2	Endorsed
China	EWG_204_2025A	APEC Research and Workshop Program on Integrating Renewable Energy and Hydrogen Technologies for Low-Carbon Transitions	PS 2	Endorsed
	EWG_205_2025A	APEC Study on How Zero-carbon Industrial Parks Help With Energy Transition and Carbon Reduction in APEC Economies	PS 2	Endorsed

Project Updates (as of November 14, 2025)

Projects In Implementation-1 (17):

Economy	Project No.	Project Title
Chile	EWG_207_2023A	Distribution System Operator as a facilitator for energy transition
	EWG_105_2024A	Certification of Hydrogen and its Derivatives in APEC Economies: its role in driving the market
	EWG_106_2024A	Floating Offshore Wind Farms development in APEC economies for both electricity and green hydrogen production
	EWG_105_2025A	Local demand as an enabler to a low-carbon hydrogen economy
China	EWG_106_2025A	Sustainable and Resilient Communities: A Guide to Off-Grid Multi-energy Complementary Microgrids Toolkit
	EWG_02_2025S (Self-Funded)	Research and Capacity Building on Construction New-type Power System in APEC
	EWG_209_2025A	Roadmapping Hydrogen Codes and Standards: Lessons Learned from Canada's Roadmap Process
Malaysia	EWG_201_2024A	APEC Symposium on Energy Transition: Batteries, Fuel Cells, and Electric Vehicles
Chinese Taipei	EWG_103_2024A	Benchmark of Facilitated Actions to Fulfill the Energy Efficiency Benefit of AMI in the APEC Region

Project Updates (as of November 14, 2025)

Projects In Implementation-2 (17):

Economy	Project No.	Project Title
Thailand	EWG_207_2024A	Enhancing Climate Change Adaptability and Resilience of Energy Infrastructure toward Carbon Neutrality Using Renewable Energy Scheme
	EWG_208_2024A	Promotion and Development of Biogas Technology and Biogas Inventory in the Livestock Farm among APEC Economies
	PPSTI_103_2025A	Capacity Building to Accelerate Investment on Energy Resilient Infrastructure towards APEC Energy Goals
United States	EWG_101_2024A	APEC Workshop on Pathways for a Just Energy Transition
Japan	EWG_104_2025A	Capacity Building Workshop for New and Renewable Energy Policy
Viet Nam	EWG_102_2025A	APEC Workshop on Improving Governance and Policy Environment for Sustainable Energy Transition
	EWG_103_2025A	APEC Workshop on Promoting the Application of Artificial Intelligence (AI) for Future Energy and Sustainable Development
	EWG_207_2025A	APEC Workshop on Sharing Good Practices in Regulatory Settings on Low Carbon Hydrogen

Project Updates (as of November 14, 2025)

Completed projects Since EWG 70 : (4)

Economy	Project No.	Project Title
Viet Nam	EWG_102_2024A	APEC Workshop on Promoting Energy Efficiency in the Manufacturing Sector
	EWG_204_2024A	APEC Workshop on Promoting Sustainable Energy Development in Garment and Textile Industry
Korea	EWG_210_2023A	Promoting Decarbonization of Power Sector by Using Carbon-Free Energy (CFE)
China	EWG_03_2024S (Self-Funded)	Research on Energy Storage to Enable Energy Transition in APEC Cities

Next EGNRET Meeting

EGNRET 64

- Host Economy: **Thailand**
- Meeting Dates: **March 31 to April 2, 2026**
- Meeting Format: **Physical Meeting**
- Meeting Location: **Bangkok**
- Meeting Theme: **Transforming the Energy Landscape: Driving Bio-Circular-Green Economy with Clean Energy Technology**



Source: iSTOCK

**Thank You
For Your
Attention!**

EGNRET website
<http://www.egnret.ewg.apec.org/>

