

APEC Expert Group on
New and Renewable Energy Technologies



Asia-Pacific
Economic Cooperation

EGNRET

EGNRET Report

EGNRET

**EGNRET 60
Meeting**

April 23-26, 2024

EGNRET 60 Meeting



- **Date:** April 24-25, 2024
- **Location:** Kaohsiung, Chinese Taipei
- **Format:** Hybrid Meeting
- **Host Economy:** Chinese Taipei



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Participating Economies

Canada; Hong Kong, China; Japan; Republic of Korea; Malaysia; The Philippines; Russia; Chinese Taipei; Thailand; The United States; Viet Nam.

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APEC Fora

APEC Secretariat; EWG; EGEEEC; EGCFE; EGEDA; APERC; APSEC

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Non-APEC Organizations

IEA; IRENA

Theme

Policy Making and Technologies Deployment of New and Renewable Energy to Achieve APEC Doubling Goal

- Hong Kong, China; Japan; Republic of Korea; The Philippines; Russia; Chinese Taipei; Thailand; The United States; Viet Nam shared policies, strategies, and plans in NRE.

Discussion

Cross-fora Collaborations

- Expert groups can develop a work plan together to contribute support on green and low-carbon hydrogen, contributing to Peru's 2024 Policy Dialogue.
- EWG projects can be linked to more than one Expert Group to facilitate more exchanges and expertise on the common areas and topics.
- Collaborate with other APEC forums (such as APEC Finance Ministers' Meeting and ABAC) to focus on NRE, energy transition, and relevant issues.
- Capacity Building Workshop to help enhance and improve the capacity building within APEC regions on energy transition and key areas, such as NRE, green and blue hydrogen.
- Hold joint forums to share real-world experiences.
- Energy Storage can also be one of potential collaborative topics.

APERC Clean Hydrogen Workshop associated with EGNRET 60 Meeting

- **Organizers:** APERC, EGCFE, and EGNRET
 - **Date:** April 23, 2024
 - **Location:** Kaohsiung, Chinese Taipei
- EGNRET Chair delivered opening remarks and moderate session**



■ ToR - quorum

- *The proposal of reducing the minimum quorum from 14 to 12 **was not endorsed by SOM.***
- *SCE recommended SOM instruct EWG and EGNRET to consider additional options to boost attendance at EGNRET Meetings.*
- *The SCE proposes that EWG works with EGNRET to explore other courses of action such as*
 - ***incorporating EGNRET meetings into a SOM cluster,***
 - ***strengthening the meeting agenda and work plan,***
 - ***considering joint sessions involving the other Expert Groups***
 - *as well as **the amalgamation of Expert Groups** as is required.*
- *APEC Secretariat also suggested EGNRET meeting be held in conjunction with APEC-funded workshops to encourage members' participation.*

■ ***Upcoming Event***

EWG 68 Meeting hosted by Peru on August 12 -15, 2024, in Lima.

■ ***EGNRET 61 Meeting***

- *Timeline for Next Chair and Vice Chair Selection (2025-2026 term)*
- *Discussion on Meeting Theme*

■ ***EGNRET Secretariat List Update***

EGNRET 60 Meeting



Project Update Sharing:

Economy	Project Title	Progress
China	Support Offshore Wind Deployment and Grid Connection in APEC Region	Completed
	Impacts of COVID-19 on Renewable Energy Development in APEC Economies	
Hong Kong, China	Promoting Digital Solar Resource Maps and Management Technologies in Advancing Renewables Growth in APEC	Implementation
Chinese Taipei	The Legislation Recommendation and Promotion of Multifunctional Ocean Space Usage: Combine Floating PV Installations at Offshore Wind Farms	Implementation
	Benchmark of Facilitated Actions to Fulfill the Energy Efficiency Benefit of AMI in the APEC Region	CN endorsed by EWG on March 25
The United States	Microgrids for a Just Energy Transition	Completed
	Driving Trade & Investment for DC Power Systems and Microgrid Frameworks Through Public Policy Alignment	Implementation
	Promoting Net Zero or Carbon Neutral Commitments in APEC	Completed
Viet Nam	APEC Workshop on Sustainable Energy Transition: Opportunities and Challenges	Completed
	APEC Workshop on Promoting Technology to Contribute to Sustainable Energy Transition	Implementation

Project Updates

Status	Projects
Concept Note	3
Project Proposal	0
Project in Implementation	8
Completion since EGNRET 59 (October 16 – 19, 2023)	8



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**Thank
You
For Your
Attention!**

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



Project Updates (as of Apr. 2024)



2024 Project Session 1

Concept Note (3)

Economy	Project Title
Chile	Floating Offshore Wind Farms development in APEC economies for both electricity and green hydrogen production
Chinese Taipei	Benchmark of Facilitated Actions to Fulfill the Energy Efficiency Benefit of AMI in the APEC Region
Viet Nam	APEC Workshop on Promoting Energy Efficiency in the Manufacturing Sector

Project Updates (as of Apr. 2024)



Projects In Implementation (8):

Economy	Project No.	Project Title
Chile	EWG 206 2023A	Conversion of coal-fired power plants using Energy Storage System: experiences, challenges, and opportunities
Hong Kong, China	EWG 01 2023A	Promoting Digital Solar Resource Maps and Management Technologies in Advancing Renewables Growth in APEC
Japan	EWG 03 2023S	21 st APEC Workshop on Energy Statistics: New Energy Technologies Data and Statistics
	EWG 02 2023S	APEC Peer Review on Low-Carbon Energy Policies (PRLCE) Phase 5
Republic of Korea	EWG 201 2023A	Promoting APEC cooperation for Seaweed-Based Sustainable Bioenergy Production
Chinese Taipei	EWG 13 2021A	The Legislation Recommendation and Promotion of Multifunctional Ocean Space Usage: Combine Floating PV Installations at Offshore Wind Farms
Viet Nam	EWG 02 2023A	APEC Workshop on Promoting Technology to Contribute to Sustainable Energy Transition
	EWG 203 2023A	APEC Workshop on Promoting Biomass Energy for Rural and Remote Area Development

Project Updates (as of Apr. 2024)



Completed projects (8) :

Economy	Project No.	Project Title
China	EWG 06 2021A	Support Offshore Wind Deployment and Grid Connection in APEC Region
	EWG 07 2021A	Impacts of COVID-19 on Renewable Energy Development in APEC Economies
Hong Kong, China	EWG 05 2022A	Promoting Energy Modelling in APEC Region
Chinese Taipei	EWG 14 2021A	Empowering Indigenous Social Awareness on Renewable Energy and Increasing Inclusion Sustainability for Green Energy Applications in APEC Regions
	EWG 14 2020A	The Promotion of Community Waste-to-Energy System
Viet Nam	EWG 10 2019A	APEC Workshop on Strategies and Successful Case Studies on Solar Energy
	EWG 01 2022A	APEC Workshop on Sharing Experiences in Developing Minimum Energy Performance Standards (MEPS) to Reduce Electricity Consumption in Industrial Production
	EWG 08 2022A	APEC Workshop on Sustainable Energy Transition: Opportunities and Challenges