

APEC Expert Group on
New and Renewable Energy Technologies



Asia-Pacific
Economic Cooperation

EGNRET

EGNRET Report

EGNRET

**EGNRET 59
& EGEEC 61
Joint Meeting**

16-19 October 2023

Joint Meeting of EGNRET 59 and EGEEC 61



- Sharing from APEC fora:

APEC Secretariat; APERC; EGEDA; APSEC; Land Expert Group

- Sharing from international organizations:

IEA; WorldGBC; ASEAN Centre for Energy; CLASP

- Meeting Theme:

Reinforcing Relevant Laws for a Comprehensive Approach to Energy Efficiency and Conservation, Renewable Energy, Electric Vehicle, and Sustainability in the APEC Region

- Sharing from member economies: Hong Kong, China; Japan; Republic of Korea; Malaysia; The Philippines; Chinese Taipei; The United States

EGNRET 59 Meeting

■ Highlights of EGNRET Meeting:

- ✓ *EGNRET Project Sharing*
- ✓ *EGNRET Administration and Operation*
- ✓ *Submission Process and Progress of APEC Projects*



EGNRET 59 Meeting



■ *Project Update Sharing:*

China

- Support Offshore Wind Deployment and Grid Connection in APEC Region ([in implementation](#))
- Impacts of COVID-19 on Renewable Energy Development in APEC Economies ([in implementation](#))

Hong Kong, China

- Promoting Digital Solar Resource Maps and Management Technologies in Advancing Renewables Growth in APEC ([In implementation](#))

Chinese Taipei

- The Legislation Recommendation and Promotion of Multifunctional Ocean Space Usage: Combine Floating PV Installations at Offshore Wind Farms ([in implementation](#))
- Empowering Indigenous Social Awareness on Renewable Energy and Increasing Inclusion Sustainability for Green Energy Applications in APEC Regions ([in implementation](#))

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The United States

- Lessons learned on resiliency and uptake of variable energy resources from islanded grids that support APEC clean energy goals (EWG 04 2021A) [\(completed\)](#)
- APEC Workshop Furthering University Collaboration to Support Data Gathering and Analysis in Energy Efficiency, Renewable Energy, and Energy Resiliency (EWG 12 2021A) [\(completed\)](#)
- Promoting Net Zero or Carbon Neutral Commitments in APEC (EWG 07 2021S) [\(in implementation\)](#)
- Driving Trade & Investment for DC Power Systems and Microgrid Frameworks Through Public Policy [\(Project approved in principle, full proposal is under evaluation\)](#)
- Alignment (EWG 208 2023A) Project approved in principle USA 2023 Self-funded Project: Microgrids for a Just Energy Transition (EWG 04 2023S) [\(in implementation\)](#)

EGNRET Administration and Operation:

■ *Update ToR:*

Proposing to (1) Include Just Energy Transition Initiative; (2) quorum for EGNRET meetings constitutes attendees changed from 14 economies to 12 economies.

■ *Update EGNRET Secretariat list*

■ *Coming Event – EWG 65 Meeting*

■ *Next Chair and Vice Chair Selection*

Project Submission Process

Stage 1

Concept Note (CN)

1. Draft CN
2. Submission for endorsement and update endorsed CN (on APAS)
3. Eligibility assessment and scoring (on APAS)
4. PMU recommends CNs to BMC for in-principle approval
5. BMC in-principal approval

Stage 2

Project Proposal (PP)

1. Draft PP (on APAS)
2. Submission for endorsement
3. Quality assessment (on APAS)
4. PMU recommends PPs to BMC for final approval
5. PO completes Letter of Acceptance (on APAS)

Stage 3

Project Implementation and Monitoring

Stage 4

Project Completion

Project Updates

Status	Projects
Concept Note	0
Project Proposal	0
Project in Implementation	8
Completion since EGNRET 58	6

Project Updates

Projects In Implementation (8):

Economy	Project Number	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 01 2023A	Promoting Digital Solar Resource Maps and Management Technologies in Advancing Renewables Growth in APEC
Chinese Taipei	EWG 13 2021A	The Legislation Recommendation and Promotion of Multifunctional Ocean Space Usage: Combine Floating PV Installations at Offshore Wind Farms
	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 08 2022A	APEC Workshop on Sustainable Energy Transition: Opportunities and Challenges
	EWG 10 2019A	APEC Workshop on Strategies and Successful Case Studies on Solar Energy

Project Updates

Completed projects (6) :

Economy	Project Number	Project Title
USA	EWG 04 2021A	Lessons Learned on Resiliency and Uptake of Variable Energy Resources from Islanded Grids that Support APEC Clean Energy Goals
USA	EWG 12 2021A	APEC Workshop Furthering University Collaboration to Support Data Gathering and Analysis in Energy Efficiency, Renewable Energy, and Energy Resiliency
Thailand	EWG 10 2021A	Achieving Carbon Neutrality through Bio-Circular-Green Economy Principle in APEC Region
Thailand	EWG 03 2020A	Integrating Electrical Vehicles and Solar Rooftop PV in Electricity Distribution Systems with Continued Performance of Distribution Transformers
Viet Nam	EWG 08 2020A	APEC Workshop on Promoting Renewable Energy for Rural and Remote Area Development
Chinese Taipei	EWG 10 2020A	Utilising Renewable Energy Certification to Facilitate APEC Regional Renewable Energy Growth

EGNRET 59 Meeting

Discussions:

- **Set a single specific theme for meeting to encourage experts and specific economies to exchange views and have more technical discussions.**
- **Organize workshops to focus on one particular topic from EWG projects and invite experts from APEC fora and external experts to join.**
- **Seek opportunities to collaborate between APEC fora, such as EGCFE and EGNRET to cooperate on hydrogen or other topics to share technologies, policy, and other key aspects.**



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**Thank
You
For Your
Attention!**

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

