

APEC Expert Group on  
New and Renewable Energy Technologies



Asia-Pacific  
Economic Cooperation

EGNRET

# EGNRET Updates

EGNRET Secretariat

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**EGNRET 56**

**(Virtual Meeting)**

**Hosted by the United States**

**April 6-7, 2022**

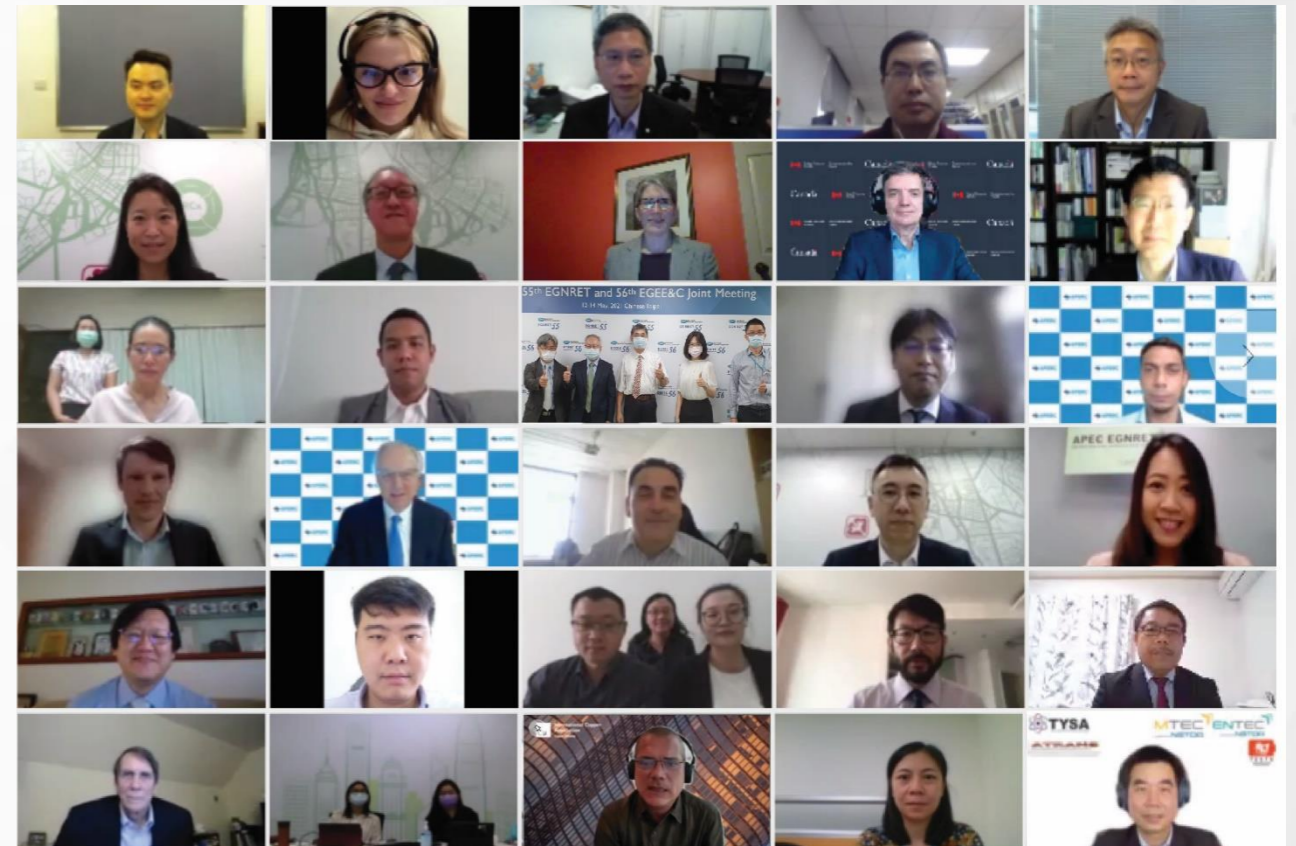
# EGNRET 55 Meeting

- The EGNRET 55 meeting was held jointly with the EGEEEC 56 meeting.
- Host Economy: **Chinese Taipei**
- Meeting Dates: **12-14 May 2021** (Virtual Meeting)

## Joint Meeting

### 1) Participating Economies & Organizations

- **Economies (8):** Australia, Canada; China; Hong Kong, China; Japan; Chinese Taipei; Thailand; The United States
- **APEC fora (6):** APEC Secretariat; EWG; EGEDA; EGEEEC; APERC; APSEC
- **Non-APEC Organizations (2):** International Energy Agency (IEA); International Copper Association (ICA)



## Outcomes of Joint Meeting

### 2) Discussion: Key Areas for Collaboration with APEC Expert Groups and Sub-Fora

EGNRET would continue to work with EGEEC on

- Organize joint meetings;
- Share EE & RE policy solutions for the post COVID-19 green recovery;
- Encourage member economies to develop EE & RE projects and workshops;
- Encourage member economies to submit APEC projects on decarbonization through EE and RE.

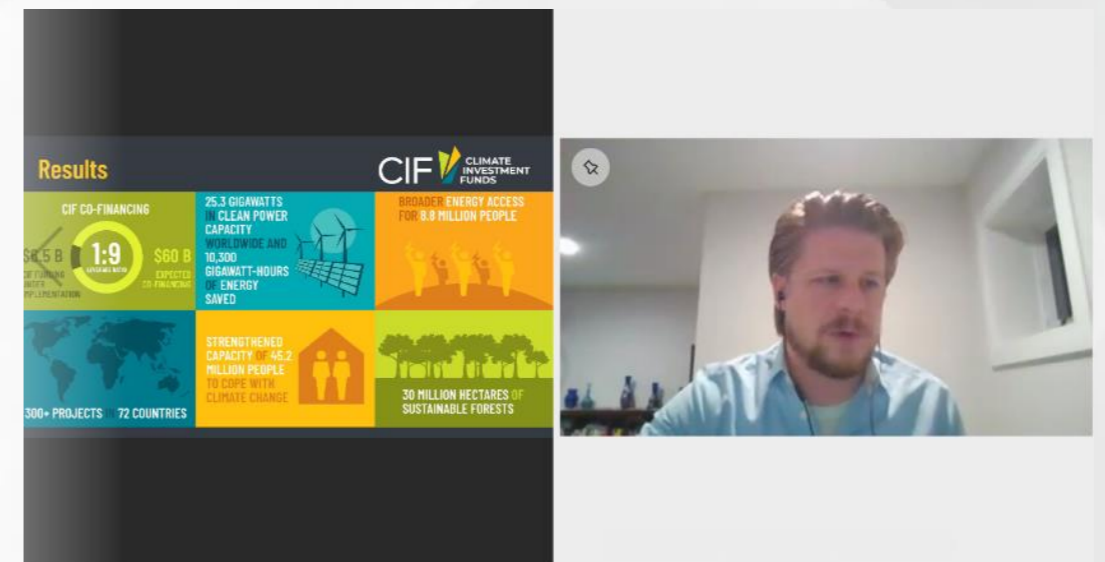
## ENGRET Meeting

### 1) Participating Economies & Organizations

- **Economies (8):** Canada; China; Hong Kong, China; Japan; Republic of Korea; Chinese Taipei; Thailand; The United States

- **Invited Presentation (1):**

- Mr. Daniel Morris, CTF/SREP Coordinator, Climate Investment Funds, World Bank: introduced Global Energy Storage Program (GESP)



### 2) Meeting Theme - Renewable Energy Updates

- **Economy Presentations (5):**

Hong Kong, China; Japan; Chinese Taipei; Thailand; The United States.

# Collaboration with APEC Fora

## EGEDA

**EGNRET Chair attended the 32<sup>nd</sup> EGEDA Meeting on October 12-13, 2021 to share the EGNRET update and proposed cooperation with EGEDA.**



# Collaboration with APEC Fora



## EGEEC



### Participating EGEEC Meeting:

EGNRET Secretariat attended the 58<sup>th</sup> EGEEC Meeting on March 30-31, 2022 to share the EGNRET updates with EGEEC members.

### Hosting RE & EE Workshop

APEC Self-funded Projects – Capacity Building Workshop on APEC’s Goals of Doubling the Renewable Energy Share in the Energy Mix and Reducing Energy Intensity.

- Proposing APEC Economy: Hong Kong, China
- Objective: Promoting the effective energy intensity reduction and renewable energy policies and best practices, highlight new EE & RE policy and framework.
- Joint Workshop will be held alongside with EGNRET and EGEEC Joint meeting in October.

# Updates of EGNRET Contact Point



Welcome new colleagues to join EGNRET!

EGNRET contact list is updated lately.

Many economies have updated contact point including Australia, Canada, Japan, Republic of Korea, Viet Nam, APERC, etc.

# EGNRET Project Updates (as of Mar. 2022)

Status	Projects
Concept Note	0
Project Proposal	6
Project in Implementation	18
Completed since EGNRET 55	1





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**EGNRET**

**Thank  
You  
For Your  
Attention!**

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



# EGNRET Project Updates (as of Mar. 2022)



## Project Proposal

2021 S2

Project Number	Project Title	Proposed Economy
1	Matured Impact Metrics Modelling for Mini-Grid Projects (MIMG) in APEC region	Korea
2	Empowering Indigenous Social Awareness on Renewable Energy and Increasing Inclusion Sustainability for Green Recovery in APEC Regions	Chinese Taipei
3	The Legislation Recommendation and Promotion of Multifunctional Ocean Space Usage: Feasibility Analysis of Integrating Floating PV Installations at Offshore Wind Farms in the APEC Region	Chinese Taipei
4	Best Practices on the Energy Storage System in E-scooters Developments and Applications in the APEC Region	Chinese Taipei
5	Achieving Carbon Neutrality through Bio-Circular-Green Economy Principle	Thailand
6	APEC Workshop Furthering University Collaboration with Policymakers, APSEC, and APERC on Data Gathering and Analysis in Energy Efficiency, Renewable Energy, and Energy Resiliency	USA

# EGNRET Project Updates (as of Mar. 2022)



## Ongoing Projects – 2018 & 2019 (7)

The draft final reports are circulated to seek review and endorsement.

Project Number	Project Title	Proposed Economy
EWG 02 2019A	Filling the Gap to Reach the Goal of Doubling Renewable Energy in the APEC Region-Phase 2	Chinese Taipei
EWG 03 2019A	APEC Multi-stakeholder Dialogue on Promoting Renewable and Clean Energy Policies	Viet Nam
EWG 04 2019A	Exploring Co-Benefit Opportunities for Renewable Energy and Energy Efficiency Projects in the APEC Region	Thailand
EWG 06 2019A	APEC Workshop on University Collaboration to Support Data Gathering and Analysis in Energy Efficiency and Renewable Energy	USA
EWG 10 2019A	<a href="#">APEC Workshop on Strategies and Successful Case Studies on Solar Energy</a>	Viet Nam
EWG 11 2019A	Accommodating Disruptive Technology into RE&EE Policy for Energy Security	Thailand
EWG 12 2019A	Evaluation of Energy Technologies, Programs and Policies	USA

# EGNRET Project Updates (as of Mar. 2022)



## Ongoing Projects – 2020 (7) & 2021(1)

Project Number	Project Title	Proposed Economy
EWG 03 2020A	Integrating electrical vehicles and solar rooftop PV in electricity distribution systems with continued performance of distribution transformers	Thailand
EWG 04 2020A	The APEC Workshop on Community Based Waste to Energy Management	Indonesia
EWG 08 2020A	APEC workshop on promoting renewable energy for rural and remote area development	Viet Nam
EWG 10 2020A	Utilizing renewable energy certification to facilitate APEC regional renewable energy growth	Chinese Taipei
EWG 13 2020A	Workshop on Korea's new and renewable energy policies and best practices applying them into the APEC region	Korea
EWG 14 2020A	The promotion of community waste-to-energy system	Chinese Taipei
EWG 04 2020S	Innovative Approaches for scaling-up renewable energy deployment in APEC Region	China
EWG 03 2021S	APEC Clean Energy Purchasing and Decarbonization Workshop	USA

# EGNRET Project Updates (as of Mar. 2022)



## Ongoing Projects – 2021 (3)

Project Number	Project Title	Proposed Economy
EWG 07 2021A	Impacts of COVID-19 on renewable energy development in APEC Economies	China
EWG 06 2021A	Support offshore wind deployment and grid connection in APEC region	China
EWG 04 2021A	Lessons learned on resiliency and uptake of variable energy resources from islanded grids that support APEC clean energy goals	USA

# EGNRET Project Updates (as of Mar. 2022)



## Completed Project

Project Number	Project Title	Proposed Economy
EWG 10 2018A	Low Emissions Development Strategies: Supporting the transition to energy efficient, electric transport systems	USA