

APEC Expert Group on  
New and Renewable Energy Technologies



Asia-Pacific  
Economic Cooperation

**EGNRET**

# EGNRET Updates

**EGNRET**

**EGNRET 60 Meeting**

**April 23-26, 2024**  
**Kaohsiung, Chinese Taipei**

# Outline

- 1. EGNRET 59 Meeting**
- 2. EWG Meetings**
- 3. Collaborations with APEC Fora**
- 4. EGNRET Project Updates**

# EGNRET 59 Meeting

- Joined with EGEEEC
- Date: October 17-18, 2023
- Location: Manila, the Philippines
- Host Economy: The Philippines



## Participating Economies (8)

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

## APEC Fora (5)

APEC Secretariat; EGEDA; APERC; APSEC; Land Experts Group (LEG)

## Non-APEC Organizations (4)

IEA; WorldGBC; ASEAN Centre for Energy (ACE); CLASP

# EGNRET 59 Meeting

## Theme

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

Hong Kong, China, Japan, the Republic of Korea, the Philippines, Malaysia, Chinese Taipei, and the United States shared policies, laws, and strategies on RE, EE&C, EV, and sustainability.

## Highlights

- US shared 13<sup>th</sup> EMM discussions on power sector decarbonization, accelerating methane abatement, and supporting just energy transition.
- APERC shared the relevant progress and definitions and the scenario projections on power sectors.

## Discussion

### APEC Fora Collaborations

- Focus on more technical discussions.
- Hold workshops on topics related to EWG projects, inviting APEC fora and external experts to share insights.
- Seek potential areas for APEC fora collaborations.



# EGNRET 59 Meeting

## EGNRET Project Sharing

*7 Project Updates by (4) member economies, namely China, Hong Kong, China, Chinese Taipei, and the United States.*

## EGNRET Administration & Operation

- ✓ *Update the EGNRET's Terms of Reference*
- ✓ *Update the EGNRET Secretariat list*
- ✓ *Host Economy for the Next EGNRET Meeting*
- ✓ *Coming Event*
- ✓ *Timeline for Next Chair and Vice Chair Selection*

# EWG Meetings

## EWG 66

- **Host Economy: Thailand**
  - **Date: November 27 to December 1, 2023**
  - **Location: Bangkok, Thailand**
- EGNRET Chair reported EGNRET 59 Meeting outcomes and updates; EGNRET Secretariat reported EGNRET's revised Terms of Reference.



## EWG 67

- **Host Economy: Peru**
  - **Date: February 24 to February 26, 2024**
  - **Location: Lima, Peru**
- EGNRET Chair reported Meeting outcomes and updates.



# Collaborations with APEC Fora



## APEREC Clean Hydrogen Workshop associated with EGNRET 60 Meeting

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

**Title:** Clean Hydrogen: Common Challenges and Different Pathways

- ✓ Challenges: Reducing High Transportation Costs and Creating Demand
- ✓ Green Hydrogen: Cost Reduction in Renewable Power Generation and Electrolysis
- ✓ Blue Hydrogen: Cost Reduction in CCS; Economics and Current Activity
- ✓ Sustainable Hydrogen Production and Trade from Remote and Developing Regions

*The 1<sup>st</sup> collaboration between APEREC, EGCFE, and EGNRET*



# Collaborations with APEC Fora

## EGEDA

### → Participating EGEDA 35 Meeting

- Date: January 17-18, 2024
- Location: Hong Kong, China
- Sharing EGNRET's updates



### → Discussion on Expert Groups' Collaboration

- Definitions and methodologies in new and RE data collection and latest progress on new and RE technologies (with EGEDA)
- Renewable energy and energy efficiency, energy storage technologies (with EGEEEC)
- Hydrogen/ammonia and CCUS/carbon recycling (with EGCFE)



# Collaborations with APEC Fora (2023)



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**EGNRET**

## **EGEEC**

- EGNRET Attended EGEEC 60 Meeting  
Date: March 15- 16, 2023  
Location: HKC
- EGNRET and EGEEC co-hosted Joint Meeting of EGNRET 59 & EGEEC 61  
Date: October 16-19 , 2023  
Location: The Philippines

## **EGEDA**

- EGNRET and EGEDA co-hosted Joint Meeting of EGNRET 58 & EGEDA 34  
Date: April 4-5, 2023  
Location: USA
- EGNRET attended 21<sup>st</sup> APEC Workshop on Energy Statistics and nominated a speaker  
Date: September 12-14, 2023  
Location: Japan

## **EGCFE**

- EGNRET invited EGCFE to Joint Meeting of EGEDA 34 and EGNRET 58  
Date: April 4-5, 2023  
Location: Hawaii, USA

## **APERC**

- EGNRET nominated speaker to attend Workshop on APEC Peer Review on Low-Carbon Energy Policies Phase 5  
Date: December 5-7, 2023  
Location: Peru
- Invited APERC to EGNRET Meetings

## **APSEC**

- EGNRET attended Workshop on Support Offshore Wind Deployment and Grid Connection in APEC Region  
Date: February 15-16, 2023  
Location: Tianjin, China (hybrid)
- EGNRET attended Workshop on Impacts of COVID-19 on Renewable Energy Development in APEC Economies  
Date: April 27, 2023  
Virtual Meeting

# Future Collaborations with APEC Fora

## Hold Joint Meeting with EGEEEC, EGCFE, EGEDA

- Host Economy: Hong Kong, China
- Date: Mid-April, 2025
- Venue: Hong Kong, China



Source: Unsplash.com

*The 1<sup>st</sup> Joint Meeting among four Expert Groups.*

# EGNRET Project Updates

## ■ Update as of April 2024

Status	Projects
Concept Note	3
Project Proposal	0
Project in Implementation	8
Completion since EGNRET 59	8



# EGNRET Project Updates

## ■ New Concept Notes (2024 Project Session 1)

Fund Account	Amount Sought from APEC (USD)	Total Project Value (USD)	Project Title	Proposing Economy (ies)	Co-Sponsoring Economies (confirmed)	CN Endorsement
EELCER	100,000	110,000	Floating Offshore Wind Farms development in APEC economies for both electricity and green hydrogen production	Chile	Canada; Japan; Peru; Chinese Taipei; United States	endorsed by EWG on March 25
EELCER	100,000	200,000	Benchmark of Facilitated Actions to Fulfill the Energy Efficiency Benefit of AMI in the APEC Region	Chinese Taipei	Chile; the Philippines; United States; Viet Nam	endorsed by EWG on March 25
EELCER	100,000	110,000	APEC Workshop on Promoting Energy Efficiency in the Manufacturing Sector	Viet Nam	Hong Kong, China; Indonesia; Japan; Chinese Taipei; Thailand; United States	endorsed on Mar 25

**Thank  
You  
For Your  
Attention!**

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

