

EGEEC Progress Report

EGEEC Secretariat

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EGEEC engagement in recent EWG activities

- The 61st EGEEC & 59th EGNRET Joint Meetings on 17-18 Oct 2023 in the Philippines.
- The 35th Meeting of Expert Group Energy Data Analysis (EGEDA) from 16 to 19 January 2024 in Hong Kong, China
- APEC Symposium on Promoting Energy Efficiency and Energy Management System on 23 and 24 January 2024 in Tokyo, Japan
- APEC 67th Energy Working Group Meeting from 24 to 26 February 2024 in Lima, Peru
- The 60th Meeting of Expert Group on New and Renewable Energy Technologies (EGNRET) on 24 and 25 April 2024 in Chinese Taipei

EGEEEC61 Meeting

- The EGEEEC61 meeting was a joint meeting with EGNRET hosted by the Philippines from 17 to 18 October 2023.
- The meeting theme was “Reinforcing Relevant Laws for a Comprehensive Approach to Energy Efficiency and Conservation, Renewable Energy, Electric Vehicle, and Sustainability in the APEC Region”.



EGEEEC61 Meeting

- **Cross-fora updates (6)** : APEC Secretariat; APERC; APSEC; EGNRET; EGEDA; Land Expert Group under TPTWG
- **Invited presentations (5)**: International Energy Agency (IEA); Energy Efficiency Hub (EE Hub); World Green Building Council (WGBC); Collaborative Labeling and Appliance Standards Program (CLASP); ASEAN Centre for Energy (ACE)
- **Member presentations (7)**: Hong Kong, China; Japan; Korea; Malaysia; The Philippines; Chinese Taipei; The United States
- **Projects updates and Concept Note Presentations (5)**: Hong Kong, China; APERC/Japan; The United States; Viet Nam, and APSEC/China

EGEEEC61 Meeting

- **Land Expert Group**

- 2023 Policy Theme “Towards smart, resilient, and low/zero emissions transport in the APEC region”.
- Policy Brief 55, “Policy Options for Decarbonising Transportation in APEC”
- Interface between transportation and energy use for areas for collaboration:
 - 1) vehicle performance standards
 - 2) grid stability through efficient energy storage, such as microgrids
 - 3) fostering interaction between EVs and the grid (V2G) to manage renewable energy demand

EGEEEC61 Meeting

- **ASEAN Centre for Energy (ACE)**
 - ASEAN Plan of Action for Energy Cooperation (APAEC) Phase 2: 2021 to 2025.
 - Theme “Enhancing Energy Connectivity and Market Integration in ASEAN to Achieve Energy Security, Accessibility, Affordability and Sustainability for All”
 - Sub-theme “Accelerating Energy Transition and Strengthening Energy Resilience through Greater Innovation and Cooperation”
 - ASEAN Energy Outlook
 - ASEAN Energy Goals

EGEEEC61 Meeting

- **Collaborative Labeling and Appliance Standards Program (CLASP)**
 - Overview of the global market for Room Air Conditioners, including a comparison of energy efficiency standards across Room Air Conditioners in various APEC member economies.
 - Most units sold in the region are of low efficiency and fixed speed, mainly due to local subsidiaries to multinational companies. Exporting economies were recommended to ensure that their exports meet domestic requirements.
 - Areas for collaboration:
 - 1) joint research to improve EE on energy-consuming products, standards, labelling, policy, etc., such as the 2nd hand Room Air Conditioners market.

EEC-related APEC Projects (as of April 2024)

Description	No. of Projects	Remarks
APEC Funded Projects under Implementation	13	6 projects (2023) 5 projects (2022) 2 projects (2021)
Completed APEC Funded Projects	4	1 project (2020) 1 project (2021) 2 projects (2022)
Self-funded Projects	7	2 projects (2023) 2 projects (2022) 3 projects (2021)
Concept Notes (Session 1, 2024)	2	-

On-going Projects (1)

APEC Project Title		Proposing Economy	Project No.
1	APEC Virtual Workshop Training of Trainers on the Multi-Stakeholder Dialogue approach to developing Data Driven, Carbon Neutral and Disaster Resilient Cities in the APEC region	China	EWG 04 2022A
2	APEC Retro-Commissioning (RCx) Hub: Training and Registration	Hong Kong, China	EWG 07 2022A
3	Promoting Energy Efficiency Enhancement in Electricity Generation	Hong Kong, China	EWG 211 2023A
4	Workshop and Capacity Building for Food Industry in Energy Efficiency	Indonesia	EWG 03 2021A
5	APEC Peer Review on Energy Efficiency (PREE) Phase 13	Japan	EWG 202 2023A
6	APEC Workshop on Sharing Experiences In Developing Minimum Energy Performance Standards (MEP) To Reduce Electricity Consumption In Industrial Production	Viet Nam	EWG 01 2022A

Cont.

On-going Projects (2)

	APEC Project Title	Proposing Economy	Project No.
7	APEC Workshop on Sharing Best Practices in Developing ESCO Models for Energy Efficiency	Viet Nam	EWG 11 2021A
8	APEC Workshop on Sustainable Energy Transition: Opportunities and Challenges	Viet Nam	EWG 08 2022A
9	APEC Workshop on Promoting Technology to Contribute to Sustainable Energy Transition	Viet Nam	EWG 01 2023A
10	APEC Workshop on promoting sustainable energy for small farmers towards climate friendly agri value chains	Viet Nam	EWG 02 2023A
11	APEC Workshop on Promoting Digital Transformation for Energy Efficiency	Viet Nam	EWG 204 2023A
12	Routes for integrating the Energy and Transport Sectors for Sustainable	United States	EWG 02 2022A
13	Driving Trade & Investment for DC Power Systems and Microgrid Frameworks Through Public Policy Alignment	United States	EWG 208 2023A

Completed Project

APEC Project Title		Proposing Economy	Project No.
1	APEC Youngsters Forum: Raising Awareness on Energy Conservation and Energy Efficiency among High School Teachers and Students in the Asia- Pacific Region	Indonesia	EWG 12 2020A
2	APEC Peer Review on Energy Efficiency (PREE) Phase 12	Japan	EWG 06 2022A
3	Promoting Energy Modelling in APEC Region	Hong Kong, China	EWG 05 2022A
4	APEC Workshop Furthering University Collaboration to Support Data Gathering and Analysis in Energy Efficiency, Renewable Energy, and Energy Resiliency	United States	EWG 12 2021A

Self-funded Projects

APEC Project Title		Proposing Economy	Project No.
1	Research on means to overcome the shortage of basic urban energy-climate data - APEC CNSC Workshop held on 16 Sept 2021	China	EWG 04 2021S
2	Research on means to diminish the financing gap for sustainable urban energy - 6th APEC Workshop on Sustainable Cities held on 9 Dec 2021 on Green Finance for Sustainable Urban Energy	China	EWG 09 2021S
3	APEC Energy Forum 2022	China	EWG 04 2022S
4	Research on Energy Strategies driving APEC Cities through the Low-Carbon Transition	China	EWG 01 2023S
5	20th APEC Workshop on Energy Statistics (APEC-IEA Joint Training Workshop on Energy Efficiency Indicators Part II)	Japan	EWG 02 2022S
6	Promoting Net Zero or Carbon Neutral Commitments in APEC	United States	EWG 07 2021S
7	Microgrids for a Just Energy Transition	United States	EWG 04 2023S

Concept Notes (Session 1, 2024)

APEC Project Title		Proposing Economy	Status
1	APEC Workshop on Promoting Energy Efficiency in the Manufacturing Sector	Viet Nam	Endorsed
2	Workshop on Photometer Calibration: Utilizing LED Lights in Accordance with CIE 251:2023 Standard (Reference Spectrum L41) in Domestic Metrology Institutes	Peru	Endorsed

THANK YOU