

APERC Presentation

EGEEC 66 & EGNRET 64 Joint Meeting
1-2 April 2026 – Bangkok, Thailand

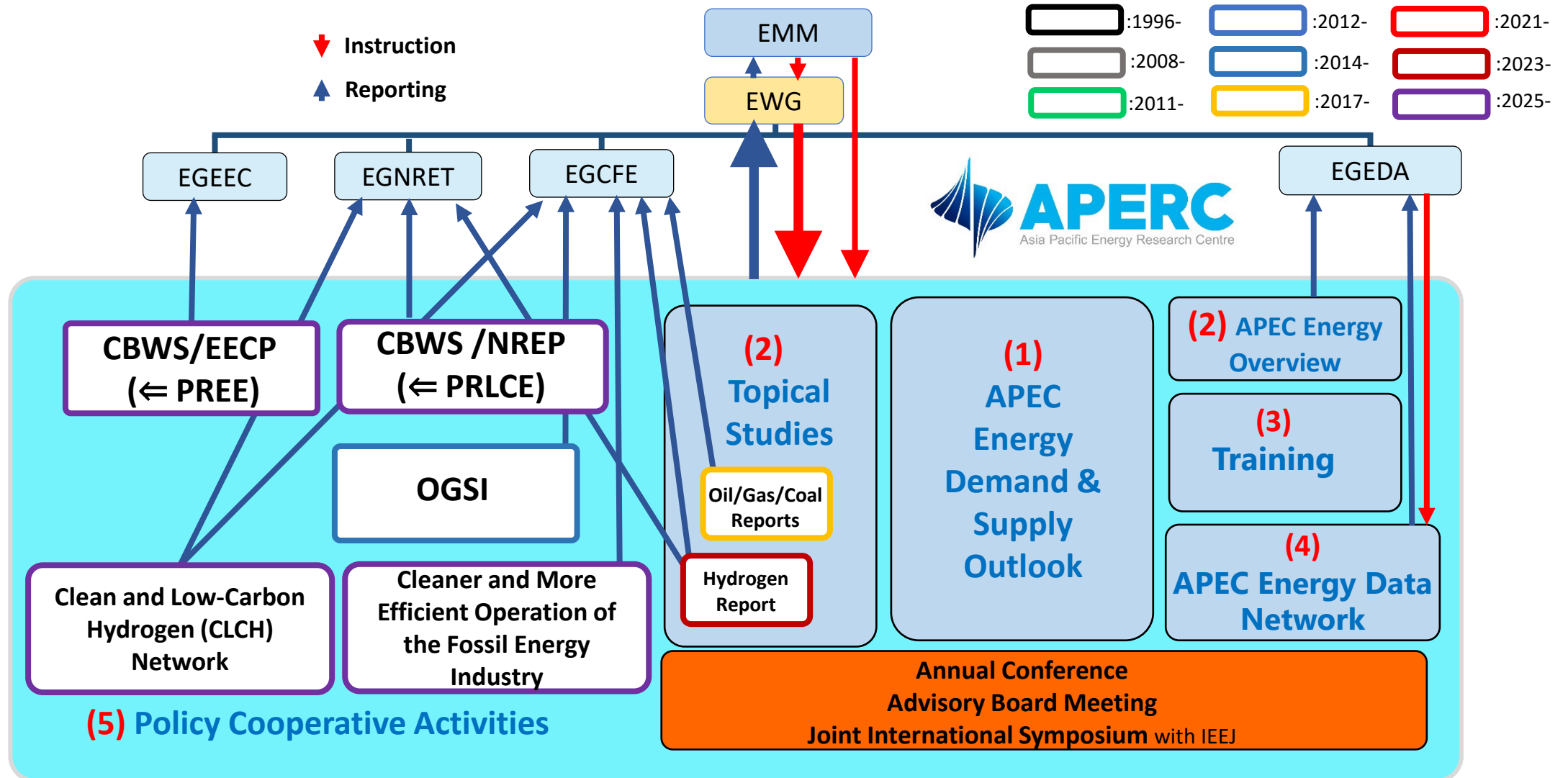
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Outline

1. APERC Activities Overview
2. Research Activities
3. Training
4. APEC Energy Data Network
5. Policy Cooperative Activities

1.a. APERC Activities Overview



1.b. APERC Tasks and Activities

- Continue to meet the current acute needs of APEC member economies by choosing appropriate **research themes**. <TOR (1)(2)>
- Accept **trainees and dispatch experts** through listening to needs of each economy <TOR(3)>
- Explore win-win collaboration between APEC D/S Outlook exercise and **APEC energy data network** <TOR(4)>
- Directly assist APEC member economies with **Policy Cooperative Activities** <TOR(5)>
 - to achieve APEC's aggregate **energy intensity reduction goal of 45%** by 2035, **goal of doubling the share of renewables** by 2030, and encourage efforts to **triple global renewable energy capacity** by 2030
 - to strengthen efforts in **oil and gas**
 - to support for the introduction of cleaner and low-carbon energy sources

2.a. APEC Energy Demand and Supply Outlook

- The [APEC Energy Demand and Supply Outlook](#) project is a priority task for APERC under the APEC Energy Action Programme adopted by leaders in 1995.
- The Outlook provides quantitative analyses and policy insights on energy demand and supply across all 21 APEC economies, as well as for APEC collectively, over the coming decades.
- The latest [9th Edition of the Outlook](#) was published and officially launched on [December 17, 2025](#), in the presence of Mr. Eduardo Pedrosa, Executive Director of the APEC Secretariat, in Tokyo. The 9th Edition explores two scenarios ([Reference Scenario](#) and [Target Scenario](#)) with projections extending to [2060](#).
- To provide long-term energy projections in a more timely manner amid the rapidly evolving energy landscape, [the Outlook publication cycle will be shortened from three years to two years](#). Development of [the Outlook 10th Edition](#) is underway and on track for [publication in 2027](#).
- The [modelling tools developed for the Outlook](#) are used for training activities in APEC economies.

2.b. APEC Energy Overview

- The '[APEC Energy Overview](#)' series started in 2000 with the approval of EWG19, in order to help policymakers to share useful information and deepen understanding on energy issues in the APEC region.
- The Overview is an annual publication, which contains updated energy demand/supply data as well as descriptions of energy policy and '[Notable Energy Developments](#)'.
- Progress of [APEC goals on energy intensity and renewable share](#) has been tracked and analysed each year. The economy's respective energy transition programs were likewise regularly discussed.
- [APEC Energy Overview 2025](#) was published on both APEC and APERC websites in July 2025.
- Drafting of the economy chapters for [APEC Energy Overview 2026](#) is ongoing.

2.c. Topical Studies

- Along with the Outlook and the Overview, APERC has been conducting research on topics relevant to energy issues and policies in the APEC region.
- Studies focusing on fossil fuels (coal, oil and natural gas) to support the [Expert Group on Clean Fossil Energy \(EGCFE\)](#) have been published since 2017.
- In addition, a study focusing on hydrogen to support both [EGCFE](#) and the [Expert Group on New and Renewable Energy Technologies \(EGNRET\)](#) started in 2023.
 - APERC published [APERC Coal Report 2025](#) in February 2026.
 - [APERC Gas Report 2025](#) and [APERC Oil Report 2025](#) are scheduled for publication in April and May 2026, respectively.
- Each researcher pursues research topics based on his/her research interest within the scope of energy economics and energy policy of the APEC region.

3. Training

- APERC accepts energy modelling **trainees** from developing economies.
 - APERC held the **32nd Seminar on Energy Modelling** on 2-6 March 2026 in Tokyo.
 - 10 trainees from 7 economies (Indonesia, Malaysia, Papua New Guinea, the Philippines, Russia, Thailand, Viet Nam) participated.
 - The **33rd Seminar on Energy Modelling** will be held in March 2027 in Tokyo.
- APERC also **dispatches experts** to help develop energy data and prepare energy demand and supply outlooks while enhancing the 'energy literacy' of future leaders in the APEC region.
 - To date, there is no request for the dispatch of experts from member economies for the fiscal year 2026-2027
- The **cooperation course** on **"Energy Future of the Asia-Pacific Region"** at Kyoto University Graduate School of Energy Science for the school year 2026-2027 will start in October 2026.

4. APEC Energy Data Network

- APERC will publish **APEC Energy Statistics 2023** and **APEC Energy Handbook 2023** in March 2026.
- The **EGEDA Training Program** on Energy Statistics
 - The latest **short-term course on energy statistics** was held in Tokyo from 19 to 30 January 2026.
 - The next **short-term course on energy statistics** will be held in Tokyo from **9 to 20 November 2026**.
- The **23rd APEC Workshop on Energy Statistics** was held on 17-19 September 2025 in Tokyo. The topic of the workshop was the preparation of instruments for end-use energy consumption surveys and included:
 - Discussion on sampling methodologies
 - Preparation of survey questionnaire and enumerators' manual
 - Discussion on the conduct of a pilot survey

4. APEC Energy Data Network (continued)

- The **24th APEC Workshop on Energy Statistics** will be held from **30 September to 2 October 2026** in Tokyo.
 - The topic of the workshop will be "Transportation statistics-energy efficiency indicators and new transport technologies."

5.a. Capacity-Building Workshops for Energy Efficiency and Conservation Policy (CBWS/EECP)

- To succeed PREE activities, APERC proposed the **Capacity-Building Workshops for Energy Efficiency and Conservation Policy (CBWS/EECP)** project, which was approved for APEC funding and implementation from 2025 onward.
- The **Capacity Building Workshop for Energy Efficiency and Conservation Policy: Members' Journey with MEPS** was held on **18 November 2025** in **Seoul, Korea**, in the margins of the joint **EGEE65/EGNRET63** meeting and associated workshops.
- The draft **Workshop Summary Report** was **endorsed by EWG members** and is awaiting final approval and publication number from the APEC secretariat.

5.b. Capacity-Building Workshops for New and Renewable Energy Policy (CBWS/NREP)

- To succeed PRLCE activities, APERC proposed the **Capacity-Building Workshops for New and Renewable Energy Policy (CBWS/NREP)** project to be held in conjunction with the EGNRET biannual meetings from 2025/2026 onward.
- The Capacity Building Workshop for New and Renewable Energy Policy “RE Policies: Are We On The Right Track?” will be held in the margins of the Joint EGNRET64/EGEEC66 meeting on 31 March 2026 in Bangkok, Thailand.

5.c. Oil and Gas Security Initiative (OGSI)

❑ Oil and Gas Security Exercise (OGSE)

- The **6th OGSE in Indonesia** was held from 3 to 6 February 2025 in Bali, Indonesia. Its summary report of the **APEC Oil and Gas Security Exercise in Indonesia** was published on the APEC and APERC websites in October 2025.
- **Malaysia** will host the **7th OGSE** from **19 to 21 May 2026**.

❑ Oil and Gas Security Network (OGSN)

- The **9th OGSN Forum** will be held in Tomakomai, Hokkaido, Japan, from 9 to 11 June 2026 in conjunction with EGCFC 2026.
- The **68th OGS Newsletter** was issued in February 2026. Preparation for the **69th issue** is ongoing and will be published by the end of **April 2026**.

5.c. Oil and Gas Security Initiative (OGSI)

□ Oil and Gas Security Studies (OGSS)

- The 21st OGSS study, themed “The Energy Security Implications of Declining LNG Investment,” is currently being finalized to be published in the first half of 2026.
- The topic of “The Energy Security Implications of Upstream Oil Underinvestment” was approved for the 22nd OGSS during the EGCFE 2025 meeting on 10 April 2025. Key issues and preliminary findings will be presented at the 9th APEC Oil and Gas Security Network Forum in Tomakomai, Japan, in June 2026.

5.d. APEC Workshop on Cleaner and More Efficient Operation of the Fossil Energy Industry

- The project proposal for the **APEC Workshop on Cleaner and More Efficient Operation of the Fossil Energy Industry** was endorsed in October 2024.
- The capacity building workshop will provide fundamental technical knowledge to policymakers and relevant officials in APEC economies to identify feasible solutions and advice regarding:
 - 1) Improving energy efficiency in the fossil energy industry,
 - 2) Reducing fugitive emissions in the fossil energy industry, and
 - 3) Advancing technologies and best practices that enhance both energy efficiency and emissions reduction.
- The background research report was completed in July 2025.
- **The first workshop** was held in **Tokyo, Japan** on **3-4 December 2025**. The discussion was conducted based on the findings of the background research report.

5.e. Clean and Low-Carbon Hydrogen (CLCH) Policy Convention

- The project proposal was approved by the APEC Secretariat in December 2025.
- This project supports the *APEC Policy Guidance to Develop and Implement Clean and Low-Carbon Hydrogen Policy Frameworks in the Asia-Pacific* by assessing hydrogen promotion initiatives and assisting APEC member economies in the development and coordination of hydrogen policies.
- The project aims to:
 - Establish a regional network of hydrogen policymakers to enhance information sharing, policy coordination, and strategic planning.
 - Facilitate regional dialogue and best practice exchange via the APEC CLCH Annual Convention.
 - Monitor policy progress through a comprehensive APEC CLCH Policy Progress Report.
- **The first CLCH Annual Convention** will be held on **20-21 May 2026**, in **Hong Kong, China**.

Thank you.

<https://aperc.or.jp>



APEC Energy Demand and Supply
Outlook 9th Edition



Volume 1



Volume 2

