

3.a. APERC President's Report

The 70th Meeting of APEC Energy Working Group (EWG70)
25-26 August 2025 – Busan, Republic of Korea

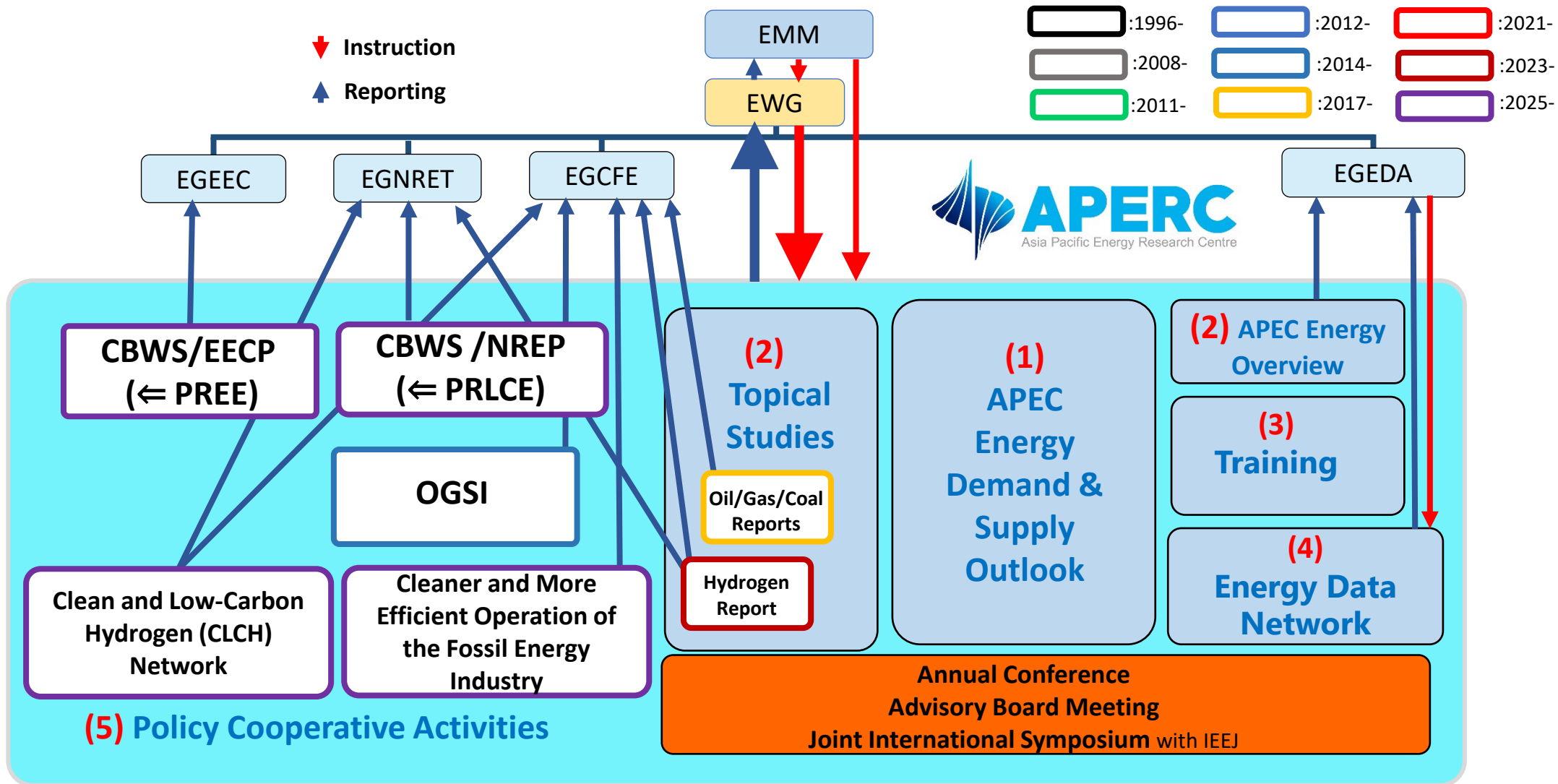
Kazutomo IRIE, PhD
Chairman & President, APERC



Outline

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

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** including preparation for **the 9th Edition of APEC Energy Demand and Supply (D/S) Outlook** <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 into **oil and gas security** and continue to promote dissemination of **low-carbon town development**
 - to promote decarbonization towards **carbon neutrality** in the APEC region

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 projected trends for energy demand and supply in APEC economies for the coming several decades.
- APERC has produced eight editions of the APEC Energy Demand and Supply Outlook.
- The [modelling tools developed for the Outlook](#) are used for training activities in APEC economies.
- APERC researchers are now finalising the text and charts for **the 9th Edition Outlook** to be published in October 2025. Two scenarios ([Reference Scenario](#) and [Target Scenario](#)) are modeled, with projections now extending to [2060](#).
- Modelling for all economies (including revisions/amendments) was completed in early August 2025.

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.
- Processing of data 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 2024](#) and [APERC Hydrogen Report 2024](#) in March 2025, and [APERC Oil Report 2024](#) and [APERC Gas Report 2024](#) in May 2025.
- 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 **31st Seminar on Energy Modelling** on 3-7 March 2025 in Tokyo.
 - Eleven trainees from 8 economies participated
 - The **32nd Seminar on Energy Modelling** will be held in March 2026 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 dispatch of experts from member economies for the fiscal year 2025-2026
- The **cooperation course** on "**Energy Future of the Asia-Pacific Region**" at Kyoto University Graduate School of Energy Science for the school year 2025-2026, will start in October 2025.

4. Energy Data Network

- APERC published **APEC Energy Statistics 2022** and **APEC Energy Handbook 2022** in May 2025.
- The **EGEDA Training Program** on Energy Statistics
 - The short-term course on energy statistics was held in Tokyo from 10 to 21 February 2025.
 - The next **short-term course on energy statistics** will be held in Tokyo in **January 2026**.
- The **23rd APEC Workshop on Energy Statistics** will be held on 17-19 September 2025 in Tokyo. The topic of the workshop will be the preparation of instruments for end-use energy consumption surveys and will include:
 - Discussion on sampling methodologies
 - Preparation of survey questionnaire and enumerators' manual
 - Discussion on the conduct of a pilot survey

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

- The Peer Review on Energy Efficiency project was successfully completed with the Follow-up PREE in Chile conducted from 6 to 10 May 2024 and the 8th EEP workshop on 5 November 2024 as the last activities.
- 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 kick-off workshop will be held in the margins of the joint EGEE65/EGNRET63 meeting and Associated Workshops to be held in Seoul, Korea, in November 2025.

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

- The [Peer Review on Low Carbon Energy Policy \(PRLCE\)](#) was successfully completed with the [7th PRLCE in Peru](#) held from 5 to 7 December 2023 as the last activity.
- 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 project proposal was approved for APEC funding, and the [kick-off workshop](#) will be held in the margins of the EGNRET64 meeting in the first half of 2026. The specific date and venue are pending confirmation from the host economy.

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. The drafting of the summary report is ongoing.
- Malaysia will host the 7th OGSE in 2026.

❑ Oil and Gas Security Network (OGSN)

- The 8th OGSN Forum was held in Hong Kong, China, on 8 April 2025.
- The 64th OGS Newsletter was issued in June 2025. Preparation for the 65th issue is ongoing and will be published by the end of August 2025.

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

❑ Oil and Gas Security Studies (OGSS)

- The 20th OGSS report, “What are the Energy Security Implications of Recent Declines in Both APEC and Global Spare Petroleum Refining Capacity?” was published in April 2025.
- The 21st OGSS study themed “The Energy Security Implications of Declining LNG Investment” is currently being carried out. The key issues and findings will be presented during the second day of this Plenary in session 12. Crosscutting Issues.
- 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.

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 is currently under final review. It will serve as a reference to refine the content of the workshop.
- **The first workshop** will be held in **Tokyo, Japan** on **3-4 December 2025**.

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

- The concept note has been endorsed by the EWG members in July 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 in May 2026 in Hong Kong, China.

6.a. APERC Research Staff

APERC has 27 research staff *16 visiting researchers

(as of 18 August 2025)

- Kazutomo IRIE (President)
- Glen SWEETNAM (Senior Vice President)*
- Mitsuhiro TAKADA (Vice President/General Manager)
- Yoshiaki IMAIZUMI (Deputy General Manager)
- Edito BARCELONA
- Thanan MARUKATAT*
- Elvira Torres GELINDON
- Alexander Konstantinovich IZHBULDIN*
- Manuel Antonio HEREDIA MUNOZ*
- Muhammad Nabih Fahkri MATUSSIN*
- PHUNG Quoc Huy*
- Juniko Parlinggoman PARHUSIP*
- Mohd Shah Hambali Bin ARIFIN*
- Jungyoon KIM*
- Sih Ting (Tarcy) JHOU*
- Nobuhiro SAWAMURA
- Finbar Barton MAUNSELL*
- Rodrigo MARTINEZ PICAZO*
- Leanne Nicole SARGENT*
- Yasmin FOULADI*
- Daniel Victor BURLUTSKY*
- Yishan ZHENG*
- Risa PANCHO
- Samuel Matthew Girao DUMLAO
- Hyuga KASAI
- Takako HANNON
- Ryo ISHIBE

6.b. APERC Budget

Unit: million yen

Fiscal Year	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Revenue from: Japanese Government Australian Government	374	626	681	729	619	634	594	547	525 8	528 8	498 8	446	447	418	409
Total of Revenue	374	626	681	729	619	634	594	547	533	536	506	446	447	418	409
Expenses:															
Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes Oil & Gas Security	227	443	494	550	455	469	434	390	379	377	377	338	339	318	315
Energy Data Network & Know-How Transfer	147	183	187	179	164	165	160	157	154	159	129	108	107	100	94
Total of Expenses	374	626	681	729	619	634	594	547	533	536	506	446	447	418	409
Fiscal Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Revenue from: Japanese Government	425	494	580	657	653	689	672	672	672	672	672	672	672	556	591
Total of Revenue	425	494	580	657	653	689	672	672	672	672	672	672	672	556	591
Expenses:															
Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes Oil & Gas Security	308	325	325	432	501	522	423	388	406	338	330	474	492	421	411
			107	68	183	124	161	119	100	59	43	224	263	175	133
Energy Data Network & Know-How Transfer	94	86	68	100	97	91	86	73	44	40	90	90	82	79	62
Total of Expenses	402	411	500	600	781	737	670	580	550	437	463	788	837	675	606

*Due to budget constraints of the Japanese government, its contribution to APERC was significantly reduced in 2024. APERC would welcome any financial support from other APEC member economies.

Thank you.

<https://aperc.or.jp>

