

8-a. APERC President's Report

**The 64th Meeting of APEC Energy Working Group (EWG64)
1-3 November 2022 (GMT+8)**

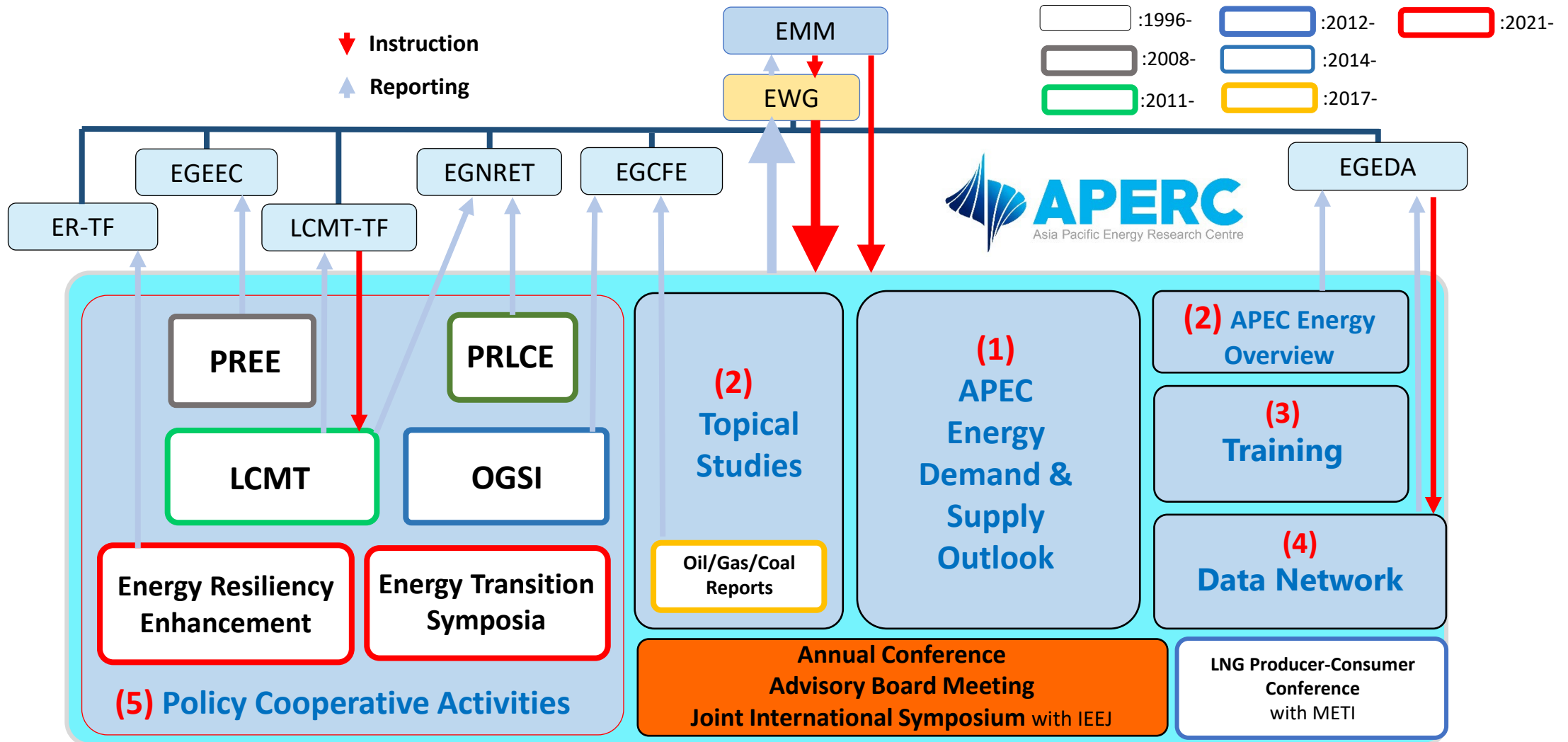
Kazutomo IRIE, PhD
President, APERC



Outline

1. APERC Activities Overview
2. Research Activities
3. Training
4. Data Management
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 8th Edition of APEC Demand and Supply (D/S) Outlook** <TOR (1)(2)>
- Accept **trainees and dispatch experts** through listening to real 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 and **goal of doubling the share of renewables** by 2030
 - to strengthen efforts into **oil and gas security** and continue to promote dissemination of **low-carbon town development**
 - to enhance **energy resilience** and 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 through 2050.
- APERC has produced eight editions of the APEC Energy Demand and Supply Outlook.
- The **8th Edition Outlook** was published in September 2022. APERC researchers are sharing the findings with member economies.
- The **modelling tools developed for the Outlook** will also be 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 in each year.
- **The 2022 Edition** was completed and published in **September 2022**.
- Preparation for **the 2023 Edition** has just started and its publication is expected in **July 2023**.

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.
 - [APERC Fossil Fuel Reports 2022 series](#) (Coal Report 2022, Oil Report 2022 and Gas Report 2022) are under drafting to be published in 2022.
 - [A summary of the APERC Fossil Fuel Reports 2022 series](#) will be presented at EWG64.
- 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.
 - Due to the travel restrictions, APERC will organize the 29th Seminar on Energy Modelling in March 2023 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.
 - In the absence of requests from member economies, there is no scheduled training for specific economies as of now.
- The cooperation course on "Energy Future of the Asia Pacific Region" at Kyoto University Graduate School of Energy Science has been conducted from April to July 2022.

4. Energy Data Management Networks

- The **EGEDA Training Program** on Energy Statistics for 2022 (the short-term course, the middle-term course and the special training course for Viet Nam) will be held in the first quarter of 2023 in Tokyo.
- The 20th **APEC Workshop on Energy Statistics**, Phase II of the joint workshop on energy efficiency indicators with IEA, will be held in November 2022 **online**.

5.a. PREE, PRLCE & LCMT

❑ Peer Review on Energy Efficiency (PREE)

- **Follow-up PREE** for Indonesia was held online in November 2021. Its final report was published in June 2022 and its summary will be reported at EWG64.
- **The 6th EEP workshop** on "Energy Efficiency Project Financing" was held online in conjunction with EGEEC 58 in March 2022. Its summary report was published in July 2022 and its main points will be reported at EWG64.
- APERC welcomes eligible economies to volunteer hosting future **PREE**.

❑ Peer Review on Low Carbon Energy Policies (PRLCE)

- APERC welcomes eligible economies to volunteer hosting future **PRLCE**.

❑ Low-Carbon Model Town (LCMT) Dissemination Phase 3

- The summary report of **the wrap-up LCMT Symposium** was published in October 2022.
- The report of the feasibility study of three volunteer towns of Dissemination Phase 3 (**La Molina (Peru), Khon Kaen (Thailand), Phu Quoc (Viet Nam)**) will be published after the endorsement by EWG.

5.b. Oil and Gas Security Initiative

❑ Oil and Gas Security Exercise (OGSE)

- The **5th OGSE in Thailand** is postponed. Thailand will discuss with APERC what date would be best to reschedule the event.

❑ Oil and Gas Security Network (OGSN)

- The **6th OGSN Forum** will be held in Japan, though its schedule is not yet decided.
- Issued **48th OGS Newsletter** as of October 2022. Preparation for the **49th issue** has just started and will be published by the end of **December 2022**.

❑ Oil and Gas Security Studies (OGSS)

- Drafting for the **19th OGSS** on **the impact of the energy transition on oil and gas security** is ongoing and to be published in early 2023.

5.c. Energy Resiliency

□ Workshops on Energy Resiliency Principle

- APERC supported METI in organising [APEC Workshops on Energy Resiliency Principle](#), which were held online in Chile and Chinese Taipei both in January 2022, and in the Philippines in February 2022.
- Feedback from three workshops has been incorporated in formulating the APEC Energy Resiliency Guidelines, the draft of which has been circulated among APEC member economies for endorsement by EWG.

□ Energy Resiliency Enhancement Project

- APERC will continue to support METI in conducting [APEC Energy Resiliency Enhancement Project](#), which includes 1) developing an evaluation model, 2) creating sectoral guidelines for energy infrastructure companies, and 3) holding a workshop for dissemination as the follow-up actions.
- The 1st phase of the Enhancement Project started in August 2022 and is currently in the process of contractor selection. The project is expected to be completed in June 2023.

5.d. Energy Transition

□ Symposium on the Holistic Approach of Decarbonization towards Carbon Neutrality

- APERC organized [the APEC Symposium on the Holistic Approach of Decarbonization towards Carbon Neutrality](#) online in August 2021.
- The symposium emphasized not only renewable energy but also other various measures, including energy efficiency and conservation; hydrogen/ammonia; carbon capture, utilization and storage (CCUS); and nuclear energy can be mobilized.

□ Series of sectoral symposia

- APERC is planning to follow up the symposium by holding [a series of sectoral symposia](#) related to decarbonization for the energy transition. The first one will be [Symposium on Promoting Energy Efficiency](#), which is scheduled to be held in early 2023.

6.a. APERC Research Staff

APERC has 26 research staff

**16 visiting researchers*

- Kazutomo Irie (President)
- Glen Sweetnam (Senior Vice President)*
- Munehisa Yamashiro (Vice President/General Manager)
- Yoshiaki Imaizumi (Deputy General Manager)
- David Wogan (Assistant Vice President)*
- Edito Barcelona
- Thanan Marukatat*
- Elvira Torres Gelindon
- Nobuhiro Sawamura
- Alexander Izhbuldin*
- Manuel Antonio Heredia Munoz*
- Jeongdu Kim*
- Phung Quoc Huy*
- Christopher James Doleman*
- Mathew Horne*
- Asmayati ab Manan*
- Ario Jati*
- Zhichao Li*
- Nabih Matussin*
- Reiko Chiyoya
- Emily Medina*
- Risa Pancho
- Yu-Hsuan Wu*
- Finbar Maunsell*
- Phawida Jongsuwanwattana
- Takako Hannon

6.b. APERC Budget

Unit: million yen

Fiscal Year	1996 9mns	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Revenue from: Japanese Government	374	626	681	729	619	634	594	547	525	528	498	446	447	418
Australian									8	8	8			
Total of Revenue	374	626	681	729	619	634	594	547	533	536	506	446	447	418
Expenses:														
Energy Efficiency/APEC Demand & Supply Outlook/ Related Research Programmes	227	443	494	550	455	469	434	390	379	377	377	338	339	318
Oil & Gas Security														
Energy Data Network & Know-How Transfer	147	183	187	179	164	165	160	157	154	159	129	108	107	100
Total of Expenses	374	626	681	729	619	634	594	547	533	536	506	446	447	418

Fiscal Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (Plan)
Revenue from: Japanese Government	409	425	494	580	657	653	689	672	672	672	672	672	672
Total of Revenue	409	425	494	580	657	653	689	672	672	672	672	672	672
Expenses:													
Energy Efficiency/APEC Demand & Supply Outlook/ Related Research Programmes	315	308	325	325	432	501	522	423	388	406	338	330	474
Oil & Gas Security				107	68	183	124	161	119	100	59	43	224
Energy Data Network & Know-How Transfer	94	94	86	68	100	97	91	86	73	44	40	90	90
Total of Expenses	409	402	411	500	600	781	737	670	580	550	437	463	788

Thank you.

<https://aperc.or.jp>

