



**Asia-Pacific  
Economic Cooperation**



## **7.a. APERC President's Report (revised)**

The 63rd Meeting of APEC Energy Working Group (EWG)  
14-16 June 2022 (GMT+8)

Kazutomo IRIE, PhD  
President, APERC

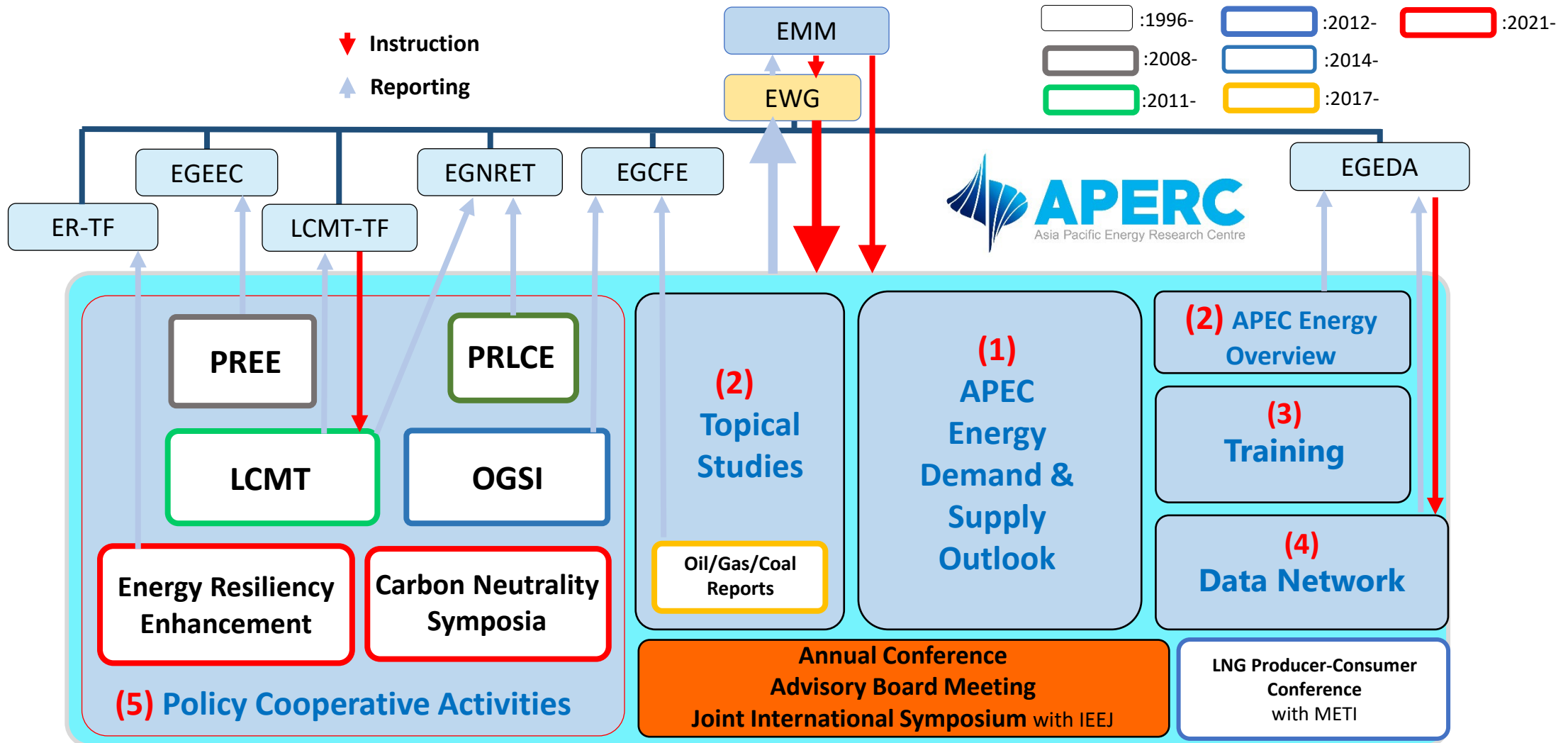


# Outline

---

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 8<sup>th</sup> 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 & 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 previously produced seven editions of the APEC Energy Demand and Supply Outlook. The latest version is the seventh edition published in May 2019.
- **The 8th Edition Outlook** is nearing publication. Researchers revised the report chapters based on economy reviews in **March** and **April**. The report is awaiting EWG **endorsement**. The **final report** will be published after successful endorsement.
- **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 2021 Edition** was completed and published in **October 2021**.
- Drafting for **the 2022 Edition** is ongoing and publication is expected in **July 2022**.

## 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 [coal](#), [oil](#) and [natural gas](#) to support the [Expert Group on Clean Fossil Energy \(EGCFE\)](#) have been published since [2017](#).
  - [APERC Oil Report 2021](#) and [APERC Coal Report 2021](#) were published in January 2022.
  - [APERC Gas Report 2021](#) was published in February 2022.
  - [APERC Fossil Fuel Reports 2022 series](#) will be drafted in due course.
- 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 organized the 28<sup>th</sup> Seminar on Energy Modelling in March 2022 **online**.
- APERC also **dispatches experts** to help develop energy data and prepare energy demand and supply outlooks while enhancing ‘energy literacy’ of future leaders in the APEC region.
  - In the absence of requests from member economies, there is no scheduled **online** 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 started in April 2022.



## 4. Energy Data Management Networks

- **The EGEDA Training Program** on Energy Statistics for 2020 and 2021 were cancelled due to the COVID-19 pandemic.
  - However, a one-week course on energy statistics was conducted **online** in November/December 2021.
- For 2022, the short-term course and the middle-term course will be held in **the second half of 2022**.
- The **19th APEC Workshop on Energy Statistics**, Phase I of the joint workshop on energy efficiency indicators with IEA, was held in **June 2021 online**.
- The **20th APEC Workshop on Energy Statistics**, Phase II of the joint workshop on energy efficiency indicators with IEA, will be held in **July 2022 online**.

## 5.a. PREE, PRLCE & LCMT

### ❑ Peer Review on Energy Efficiency (PREE)

- **Follow-up PREE** for Indonesia was held **online** in **November 2021**.
  - The focus sectors for the review were **the transport, industry, buildings, home appliances and energy supply sectors**.
- **The 6<sup>th</sup> EEP workshop** on "Energy Efficiency Project Financing" was held **online** in conjunction with **EGEEC 58** in **March 2022**.
- 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 wrap-up LCMT Symposium** to summarize LCMT activities was held in September 2021 **online**.
- Nikkei Sekkei Research Institute has finished the feasibility study of three volunteer towns of Dissemination Phase 3: **La Molina (Peru), Khon Kaen (Thailand), Phu Quoc (Viet Nam)**.

## 5.b. Oil and Gas Security Initiative

### ❑ Oil and Gas Security Exercise (OGSE)

- The **5<sup>th</sup> OGSE in Thailand** is postponed. Thailand will discuss with APERC what date would be best to re-schedule the event.

### ❑ Oil and Gas Security Network (OGSN)

- The **6<sup>th</sup> OGSN Forum** will be held in Japan, though its schedule is not yet decided.
- Issued **45<sup>th</sup> OGS Newsletter** as of April 2022. Preparation for the **46<sup>th</sup> issue** is ongoing and will be published by the end of **June 2022**.

### ❑ Oil and Gas Security Studies (OGSS)

- The **18<sup>th</sup> OGSS** entitled *“Impact of COVID-19 on oil and gas security”* was published in **April 2022**.
- The **19<sup>th</sup> OGSS** on the impact of the energy transition on oil and gas security has started.

## 5.c. Energy Resilience & Carbon Neutrality

### ☐ Energy Resilience

- APERC supported METI to organize **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**.
- Feedbacks from three workshops will be incorporated in formulating an outline of the APEC Energy Resilience Guideline.
- APERC will continue to support METI to conduct **APEC Energy Resiliency Enhancement Project** when the project is successfully approved.

### ☐ 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.
- APERC is planning to follow up the symposium by holding **a series of sectoral symposia** related to decarbonization towards carbon neutrality.

## 6.a. APERC Research Staff

APERC has 23 research staff

*\*15 visiting researchers*

- Kazutomo Irie (President)
- Glen Sweetnam (Senior Vice President)\*
- Munehisa Yamashiro (Vice President)
- 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\***
- Nabih Matussin\*
- Reiko Chiyoya
- **Emily Medina\***
- **Risa Pancho**
- **Yu-Hsuan Wu\***
- **Finbar Maunsell\***
- 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
<b>Revenue from:</b>														
Japanese Government	374	626	681	729	619	634	594	547	525	528	498	446	447	418
Australian									8	8	8			
<b>Total of Revenue</b>	<b>374</b>	<b>626</b>	<b>681</b>	<b>729</b>	<b>619</b>	<b>634</b>	<b>594</b>	<b>547</b>	<b>533</b>	<b>536</b>	<b>506</b>	<b>446</b>	<b>447</b>	<b>418</b>
<b>Expenses:</b>														
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
<b>Total of Expenses</b>	<b>374</b>	<b>626</b>	<b>681</b>	<b>729</b>	<b>619</b>	<b>634</b>	<b>594</b>	<b>547</b>	<b>533</b>	<b>536</b>	<b>506</b>	<b>446</b>	<b>447</b>	<b>418</b>
Fiscal Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (Plan)	
<b>Revenue from:</b>														
Japanese Government	409	425	494	580	657	653	689	672	672	672	672	672	672	
<b>Total of Revenue</b>	<b>409</b>	<b>425</b>	<b>494</b>	<b>580</b>	<b>657</b>	<b>653</b>	<b>689</b>	<b>672</b>	<b>672</b>	<b>672</b>	<b>672</b>	<b>672</b>	<b>672</b>	
<b>Expenses:</b>														
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	
<b>Total of Expenses</b>	<b>409</b>	<b>402</b>	<b>411</b>	<b>500</b>	<b>600</b>	<b>781</b>	<b>737</b>	<b>670</b>	<b>580</b>	<b>550</b>	<b>437</b>	<b>463</b>	<b>788</b>	



**Asia-Pacific  
Economic Cooperation**



**Thank you for your kind attention.**

<https://apercc.or.jp>

