

# 6.a. APERCC President's Report

The 61<sup>st</sup> Meeting of the APEC Energy Working Group (EWG)  
23-25 June 2021

Kazutomo IRIE, PhD,  
President, APERCC



# Outline

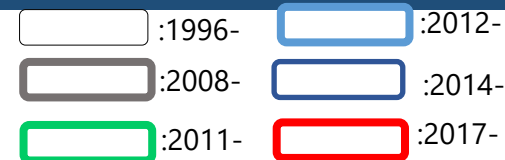
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1. APERC Activities Overview
2. Research Activities
3. Training
4. Data Management
5. Policy Cooperative Activities
6. Management Issues

# 1.a. APERC Activities Overview

▼ Instruction

▲ Reporting



EMM

EWG

EGEEC

EGNRET

EGCFE

EGEDA

LCMT-TF

LCMT

PRLCE

**PREE**

- PREE & Follow-up PREE
- EE Policy Workshop

**OGSI**

- OGSE (Exercise)
- OGSN (Network)
- OGSS (Study)

**(5) Cooperative Activities**

**(2) Topical Studies**

Oil/Gas/Coal Reports

**(1) APEC Energy Demand & Supply Outlook**

**(2) APEC Energy Overview**

**(3) Training**

**(4) Data Network**

**Annual Conference  
Advisory Board Meeting  
Joint International Symposium with IEEJ**

**LNG Producer-Consumer Conference with METI**



# 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 **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**

# 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 for the next 20-30 years.
- 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.
- **Work on 8<sup>th</sup> Edition Outlook** is in progress. **Preliminary results for the Reference Scenario** were completed and sent for economy review in December 2020.
- **Updated results for the Reference and Net Zero Scenarios** will be sent for economy review in the third quarter of 2021.
- **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 2019 Edition was completed and published in September 2020.
- **The 2020 Edition** is expected to be published in **July 2021**.

## 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 \(EGCFE\)](#) since 2017.
  - [APERC Oil Report 2020](#) and [APERC Coal Report 2020](#) were published in September 2020 and October 2020, respectively.
  - [APERC Gas Report 2020](#) was published in February 2021.
  - [APERC Fossil Fuel Reports 2021 series](#) will be drafted in due course and reported at EWG62.
- 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 27<sup>th</sup> Seminar on Energy Modelling on 8-12 March 2021 via **online**.
  - APERC will organise the 28<sup>th</sup> Seminar on Energy Modelling in March 2022.
- APERC also **dispatched 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.



# 4. APEC Energy Data Management Networks

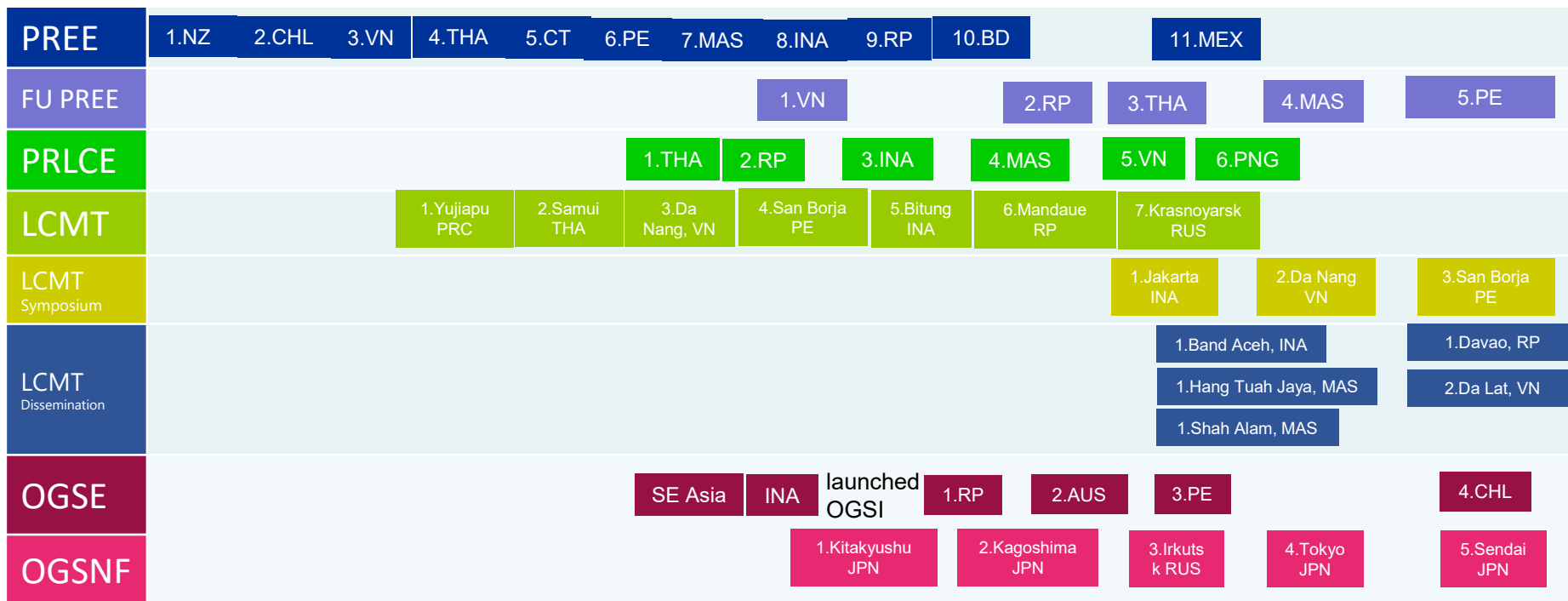
- The **EGEDA Training Program** on Energy Statistics for 2020 and 2021 were postponed due to the COVID-19 pandemic. The short-term course and the middle-term course were mostly postponed to the second half of 2022.
  - A special course on energy statistics that was proposed by APERC to Viet Nam is also postponed to 2022.
  - However, a one-week course on energy statistics will be conducted online in September 2021.
- The **18th APEC Workshop on Energy Statistics**, a joint workshop on renewable energy with IRENA, was held on 15-17 December 2020 via online.
- The **19th APEC Workshop on Energy Statistics**, a joint workshop on energy efficiency indicators with IEA, will be held on 28-30 June 2021 via online.

# 5.a. History of Policy Cooperative Activities

2007

2018

2019



EMM8

**APEC Leaders  
Sydney Meeting**

Energy intensity reduction goal of APEC region by at least **25% by 2030**  
Introduction of **PREE**

EMM

**APEC EMM  
in Fukui**

Launch of **PRLCE & LCMT**  
Continuation of **PREE & CEEDS**

**APEC Leaders  
Honolulu meeting**

APEC's aggregate energy intensity reduction goal of **45% by 2035**

EMM10

**APEC EMM in  
St. Petersburg**

Instruction on improving the response to oil and gas emergency situations (**OGSE**)

EMM11

**APEC EMM  
in Beijing**

- Approval of **OGSI**
- Goal of **doubling** the share of **renewables by 2030**

EMM12

**APEC EMM  
in Cebu**

- Instruction on enhancing the **quality of electric power infrastructure**
- Move **LCMT** to the dissemination stage

## 5.b. PREE

### □ Peer Review on Energy Efficiency (PREE) Phase 10

- **Follow-up PREE** in Indonesia will be held online in **October or November 2021**.
  - The focus sector for the review will be **the transport, industry, buildings, home appliances and energy supply sectors**.
- **The 5<sup>th</sup> EEP workshop** was held **online** in conjunction with **Joint EGEEC 55 and EGEDA 31**;
  - The workshop is titled **"Economic Recovery through Energy Efficiency"**.
  - Workshop report was published in **January 2021**.
- **The 6<sup>th</sup> EEP workshop** will be held **online** in conjunction with **EGEEC 57** in the **second half of 2021**.

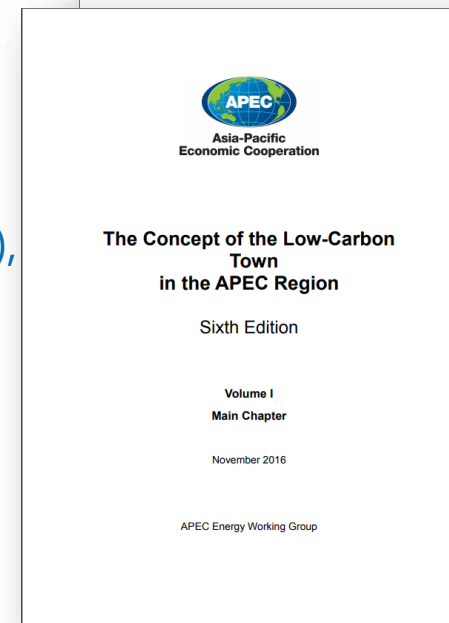
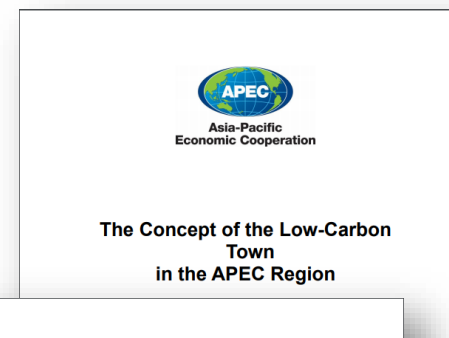
## 5.c. PRLCE & LCMT

❑ **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 summarise LCMT activities will be held on **10 September 2021 online**.
- Selection process of the agency to conduct the feasibility study is completed. Nikken Sekkei Research Institute conducts the focused feasibility study for the three volunteer towns of Dissemination Phase 2: **La Molina (Peru), Khon Kaen (Thailand), Phu Quoc (Viet Nam)**.



## 5.d. 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. The Minister of Energy or the Permanent Secretary of Ministry of Energy will host this exercise at the Ministry of Energy, Energy Complex in Bangkok.

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

- The **18<sup>th</sup> OGSS** entitled "*Impact of COVID-19 on Oil and Gas Security*" will be published in October 2021.

### ❑ 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 **39<sup>th</sup> OGS Newsletter** as of April 2021. Preparation for the **40<sup>th</sup> issue** is ongoing and will be published by the end of **June 2021**.

# 6.a. APERC Research Staff

**APERC has 23 research staff**    *\*16 visiting researchers*

- Kazutomo Irie (President)
- Glen Sweetnam (Senior Vice President)\*
- Munehisa Yamashiro (Vice President)
- David Wogan (Assistant Vice President)\*
- Edito Barcelona
- Ruengsak Thitiratsakul\*
- Elvira Torres Gelindon
- Fifi Indarwati\*
- Nobuhiro Sawamura
- Victor Martinez Aranza\*
- Alexander Izhbuldin\*
- Manuel Antonio Heredia Munoz\*
- Xin Liu\*
- Jeongdu Kim\*
- Eri Nurcahyanto\*
- Phung Quoc Huy\*
- Diego Rivera Rivota\*
- Hugh Marshall-Tate\*
- Christopher James Doleman\*
- Mathew Horne\*
- Nabih Matussin\*
- Reiko Chiyoya
- Takako Hannon

# 6.c. APERC Budget

Unit: million yen

Fiscal Year	1996 9mns	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Revenue from: Japanese Government	374	626	681	729	619	634	594	547	525	528	498	446	447
Australian Government									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>
Expenses:													
Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes	227	443	494	550	455	469	434	390	379	377	377	338	339
Oil & Gas Security													
Energy Data Network & Know-How Transfer	147	183	187	179	164	165	160	157	154	159	129	108	107
<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>
Fiscal Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Revenue from: Japanese Government	418	409	425	494	580	657	653	689	672	672	672	672	672
<b>Total of Revenue</b>	<b>418</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>
Expenses:													
Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes	318	315	308	325	325	432	501	522	423	388	408	338	461
Oil & Gas Security					107	68	183	124	161	119	100	59	158
Energy Data Network & Know-How Transfer	100	94	94	86	68	100	97	91	86	73	44	40	90
<b>Total of Expenses</b>	<b>418</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>552</b>	<b>437</b>	<b>709</b>



**Thank you for your kind attention.**

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