

6.a. APERCC President's Report

The 60th Meeting of APEC Energy Working Group (EWG)
9-11 December 2020

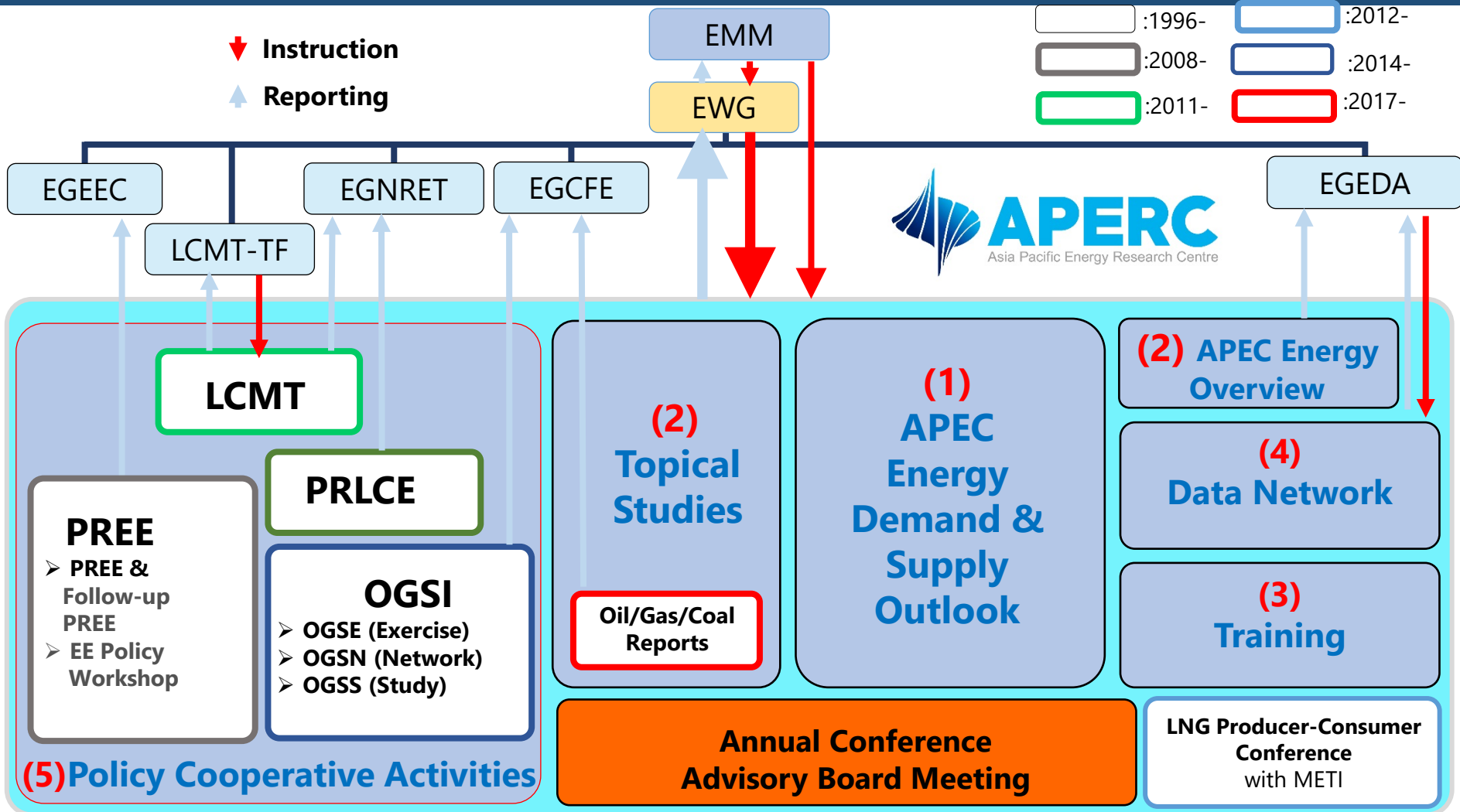
Kazutomo IRIE, PhD
President, APERCC



6.a. (1) APERC Activities Overview

▼ Instruction
 ▲ Reporting

[White Box] :1996-
 [Grey Box] :2008-
 [Green Box] :2011-
 [Blue Box] :2012-
 [Dark Blue Box] :2014-
 [Red Box] :2017-



6.a. (2) 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 **Cooperative Activities** to achieve APEC's aggregate **energy intensity reduction goal of 45%** by 2035 and **goal of doubling the share of renewables** by 2030 <TOR(5)>
- Also strengthen efforts into **oil and gas security** and continue to promote dissemination of **low-carbon town development** <TOR(5)>

6.a. (3) 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.
- Work on 8th Edition Outlook is in progress. Preliminary results for the baseline scenario are complete and will be sent for economy review in December 2020.
- Results for two alternative scenarios will be sent for economy review in the second quarter of 2021.
- The modelling tools developed for the Outlook will also be used for training activities in APEC economies.

6.a. (4) Topical Studies

- Along with the Outlook, 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
 - Publication of Gas Report 2020 will be published by early 2021

6.a. (5) 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 August 2021.
- * *APERC appreciates the contributions and assistance by EWG and EGEDA members.*

6.a. (6) Training

- APERC accepts energy modelling **trainees** from developing economies.
 - APERC will organize the 27th Seminar on Energy Modelling on 25-29 January 2021 via **online**.
- 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.
 - The scheduled training in Indonesia in September 2020 was held **online**; the planned training in the Philippines was held **online** as well in October 2020.
- The **cooperation course** on "Energy Issues in the Asia-Pacific Region" at Waseda University in Japan is now in its 5th year but suspended in 2020 due to COVID-19.

6.a. (7) APEC Energy Data Management Networks

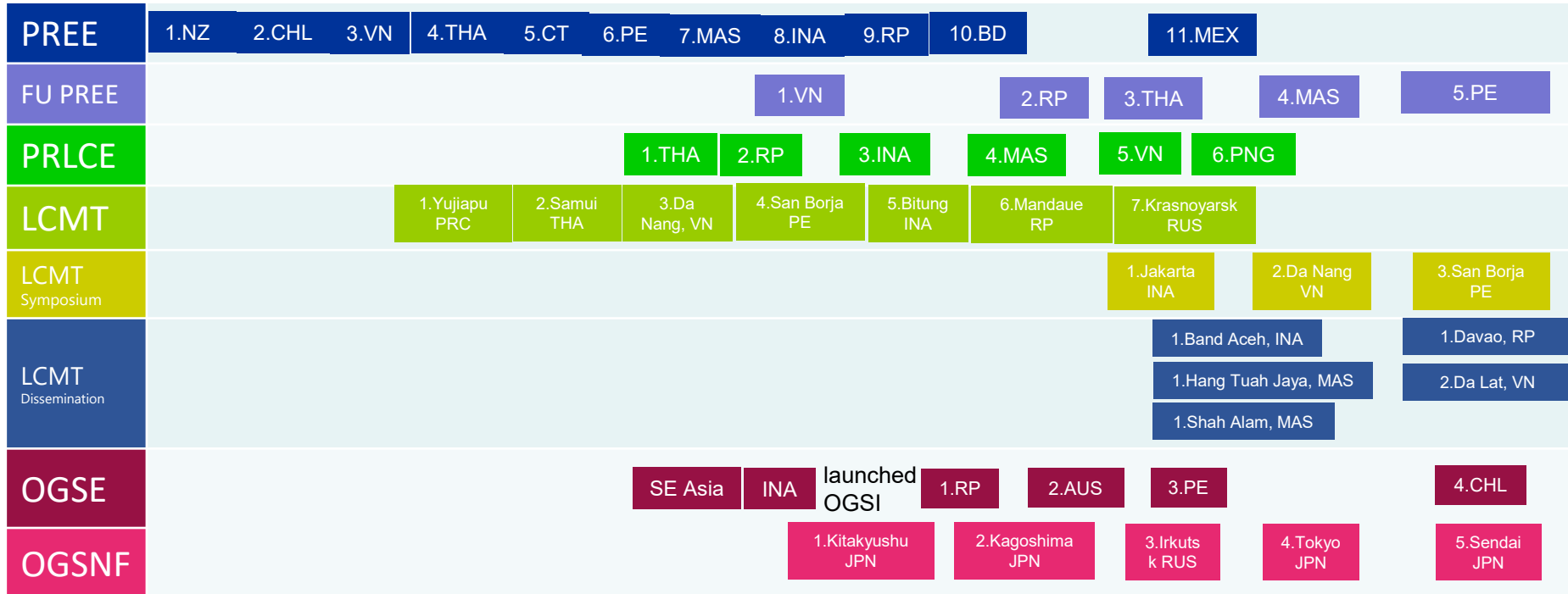
- For the 7th year of the EGEDA Training Program on Energy Statistics, the short-term course and the middle-term course, scheduled to be held in 2020, were postponed to the second half of 2021 due to COVID-19.
- The 18th APEC Workshop on Energy Statistics, a joint workshop on renewable energy with IRENA, will be held on 15-17 December 2020 via **online**.

6.a. (8) 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

6.a. (9) PREE

Peer Review on Energy Efficiency (PREE)

Phase 10

- **Follow-up PREE** in Indonesia is tentatively re-scheduled again to **October 2021**.
 - The focus sector for the review will be the transport, industry, buildings, home appliances and energy supply sectors.
- **The 5th EEP workshop** was held online in conjunction with **Joint EGEEC 55 and EGEDA 31**;
 - The workshop is titled "Economic Recovery through Energy Efficiency".
 - More than 60 participants were present.
 - Two sessions focused on :
 - Morning - successful energy efficiency programs in each sector.
 - Afternoon- evaluating energy efficiency programs.
 - Workshop report will be published the first quarter of 2021.

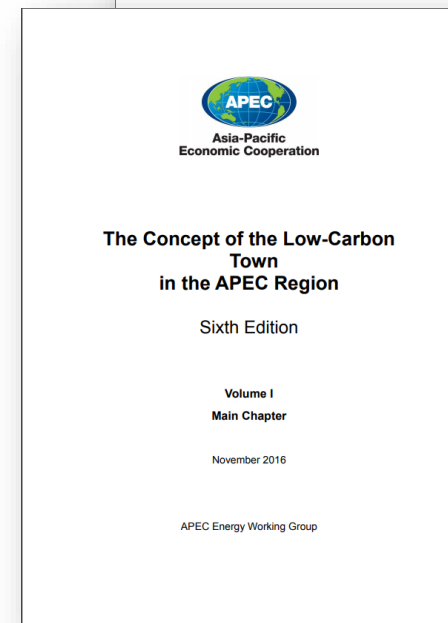
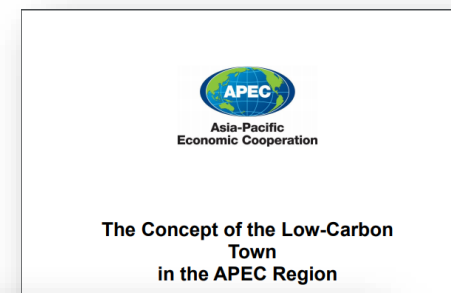
6.a. (10) PRLCE & LCMT

- ❑ **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: under proposal

- Exact date for the wrap-up LCMT Symposium to summarise LCMT activities has not been decided yet due to COVID-19. Preparation will be done in due course.
- Selection process of an agency to conduct the feasibility study of three volunteer towns of Dissemination Phase 2: **La Molina (Peru), Khon Kaen (Thailand), Phu Quoc (Viet Nam)** is delayed.



6.a. (11) 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 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 **17th OGSS** entitled *Changing LNG market dynamic-impacts on supply security in the APEC region* report was published in **September 2020**.
- The **18th OGSS** entitled *"Impact of COVID-19 on energy security"* will be published in **October 2021**.

Oil and Gas Security Network (OGSN)

- The **6th OGSN Forum** will be held in Japan, though its schedule is not yet decided.
- Issued **36th OGS Newsletter** as of October 2020. Preparation for the **37th issue** is ongoing and will be published by the end of **December 2020**.

6.a. (12) APERC Research Staff

APERC has 19 research staff

- 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*
- Diego Rivera Rivota*
- Hugh Marshall-Tate*
- Christopher James Doleman*
- Mathew Horne*
- Takako Hannon
- Yuka Hayashi

6.a. (13) 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		
Total of Revenue	374	626	681	729	619	634	594	547	533	536	506	446	447
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
Total of Expenses	374	626	681	729	619	634	594	547	533	536	506	446	447

Fiscal Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Revenue from: Japanese Government	418	409	425	494	580	657	653	689	672	672	672	672
Total of Revenue	418	409	425	494	580	657	653	689	672	672	672	672
Expenses:												
Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes	318	315	308	325	325	432	501	522	423	388	406	423
Oil & Gas Security					107	68	183	124	161	119	100	163
Energy Data Network & Know-How Transfer	100	94	94	86	68	100	97	91	86	73	44	86
Total of Expenses	418	409	402	411	500	600	781	737	670	580	550	672



Thank you for your kind attention.

<https://aperc.or.jp/>