The 48th Meeting of APEC Energy Working Group (EWG) Port Moresby, Papua New Guinea, 19-20 November 2014

2.b. APERC President’s Report

Takato OJIMI
President, APERC
2.b. (1) APEC Energy Demand & Supply Outlook

- The “APEC Energy Demand and Supply Outlook” project is a priority task of APERC under the APEC Energy Action Programme adopted by leaders in 1995.

- The 5th edition of the “APEC Energy Demand and Supply Outlook” was published in February 2013.

- APERC is now working on the 6th edition to be published in 2015.
2.b. (1) APEC Energy Demand & Supply Outlook

- Finished model enhancements
  - Macroeconomic projections
  - Light vehicle transportation demand
  - Electricity supply
  - Industrial energy demand

- Nearly finished projections
  - BAU and high cases for both nuclear energy and renewable energy

- Nearly completed topical studies
  - Barriers to Shale Gas Development
  - Barriers to Geothermal Energy Development
  - Benefits of Electricity Interconnection in Northeast Asia
2.b. (2) APEC Energy Overview

- The “APEC Energy Overview” series started in 2000 with the approval of EWG-19, 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’.

- APERC has started the work for the 2014 Edition to be published in February 2015.

* APERC appreciates the contributions and assistance by EWG members and, in particular, EGEDA representatives.
2.b. (3) Cooperative Activities

Declaration to reduce energy intensity of APEC region by at least **25% by 2030**

Introduction of Peer Review Mechanism

Instruct the EWG and APERC to keep promoting energy efficiency through PREE and CEEDS

Aspire to reduce APEC's aggregate energy intensity by **45% by 2035**
2.b. (3) Cooperative Activities

- **Peer Review on Energy Efficiency (PREE)** [⇒9.b]

  (1) Phase 4: 2nd Follow-up PREE in the Philippines

  (2) Phase 5 including “Energy Efficiency Policy Workshop” which succeeds Cooperative Energy Efficiency Design for Sustainability (CEEDS)

    : Planning to apply APEC Support Fund at 2015 Session 1 of APEC/BMC

    : Thailand has shown intent to host 3rd Follow-up PREE

- **Peer Review on Low Carbon Energy Policies (PRLCE)** [⇒12.b]

  (1) Phase 3: PRLCE 5 for Viet Nam in 2015
2.b. (3) Cooperative Activities

- **Low Carbon Model Town (LCMT)** [⇒7.b]
  (1) Phase 4 in San Borja, Peru
  (2) Phase 5: the case town to be confirmed

- **APEC Emergency Measures** [⇒8.b]
  
  *APEC Oil & Gas Security Initiative (OGSI)*
  
  (1) Oil & Gas Security Exercise (OGSE); voluntary basis, EMP
  (2) Oil & Gas Security Network (OGSN); Newsletter, Forum
  (3) Oil & Gas Security Studies (OGSS); research topics
2.b. (4) Instructions of EMM11 (Beijing Declaration)

“We instruct the Energy Working Group (EWG), with the support of its affiliated organizations, EGCFE, EGEDA, EGEEC, EGNRET, LCMT-TF and the Asia Pacific Energy Research Center (APERC), to continue its research and initiatives that contribute to sustainable development within the region.”

“We encourage the APERC and the APSEC to enhance cooperation in an interactive and complementary manner.”
2.b. (4) Instructions of EMM11 (Beijing Declaration)

<Para.5 (excerpt)>

“We encourage APEC member economies to improve capacity building in oil and gas emergency response, · · · .”

“We instruct the EWG, including through APERC, · · · e, to continue cooperation on emergency response, with IEA, ASEAN, ERIA and other international organizations.”

“We also encourage member economies to conduct oil and gas security exercises on a voluntary basis, establish an APEC oil and gas security frameworks and do research on oil and gas security, · · · .”
2.b. (4) Instructions of EMM11 (Beijing Declaration)

<Para.7>

“We instruct the EWG with the support of APERC to strengthen cooperation with existing mechanisms and organizations to carry out specific research on the energy and economic competitiveness of the APEC region, including making in-depth analyses and holding seminars”
2.b. (4) Instructions of EMM11 (Beijing Declaration)

<Para.12(excerpt)>

“We instruct the EWG working through the LCMT-TF to continue the APEC LCMT Project, study the development models, indicator systems, policy tools and technical guidance related to low-carbon towns, draw experiences from different cases, and carry out promotion events for the APEC LCMT; · · ·”
2.b. (4) Instructions of EMM11 (Beijing Declaration)

We instruct the EWG to launch the APEC LNG Trade Facilitation Initiative, to encourage dialogue, exchanges and cooperation, develop public-private partnerships and support market-based LNG pricing mechanism to ensure the interests of LNG suppliers and consumers and boost the healthy development of APEC natural gas markets.

N.B. “LNG Producer-Consumer Conference 2014” was held on the 6th November, in Tokyo, hosted by METI of Japan and APERC.
2.b. (5) APERC Researchers

- Takato Ojimi (President)
- Brantley T. Liddle (Vice President)
- Kazutomo Irie (General Manager)
- Hooman Peimani
- Goichi Komori
- Elvira T. Gelindon
- Yeong-Chuan Lin
- Chrisnawan Anditya
- Michael Ochoada Sinocruz
- Luis Enrique Camacho Beas
- Dmitry Sokolov
- Juan Roberto Lozano Maya
- Naomi S. Wynn
- Atit Tippichai
- Tran Thi Lien Phuong
- Takashi Otsuki
- Martin M. Brown-Santirso
- Yuko Tanaka
## 2.b. (6) APERC Budget

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Unit: million yen
2.b. (7) Revision of APERC TOR

- As agreed in EWG47, APERC will be directly responsible to EWG, just like newly born APEC Sustainable Energy Centre (APSEC).

  (DRAFT) “Procedure for Identifying APERC Activities” in APERC’s TOR

(1) The President of APERC shall prepare a draft proposal of its activities for the forthcoming fiscal year and submit to the Energy Working Group (EWG) the Expert Group on Energy Data and Analysis (EGEDA).

(2) In making the above proposal, APERC shall seek for advises from the APERC Advisory Board.

(3) The EGEDA shall examine the proposal and submit the result of the examination to the Energy Working Group (EWG).

(4) The EWG shall discuss and approve APERC’s activities.

(5) The President shall report the progress and the result of the activities to the EGEDA, the Advisory Board and the EWG.

(5) In planning and implementing APERC’s activities, APERC shall maintain close cooperation with the Expert Group on Energy Data and Analysis (EGEDA) and other expert groups under the EWG. (New article)