

9.a. EGEDA Chair Report

The 69th Meeting of the APEC Energy Working Group (EWG69)

26-27 February 2025 – Gyeongju, Republic of Korea

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Chair, EGEDA
Senior Vice President, APERC



Outline

- ❑ Data collection and processing update
- ❑ EGEDA training courses and workshops
- ❑ International cooperation

Data collection and processing update

Regular APEC energy data collection

- ❑ The secretariat completed collection of the **2022 annual energy supply and demand data**
 - **APEC Energy Statistics 2022**, which will be published **online** and **APEC Energy Handbook 2022**, which will be printed, are now being drafted. Target publication date is 31 March 2025.
 - The secretariat requested 2023 annual energy supply and demand data from member economies by 31 March 2025. To date, 3 economies have submitted their 2023 data.
- ❑ Other data collection
 - Annual energy prices
 - Annual GHG emissions
 - CO₂, CH₄ and N₂O emissions from energy combustion and fugitive emissions
 - CO₂ transported and stored
 - Energy efficiency indicators
 - Monthly oil and gas supply and demand (JODI)
 - Quarterly energy supply
 - Major economic indicators
 - Energy-related indicators

Smiley faces of JODI Oil in APEC (January-June 2024)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness
						(%)
Brunei Darussalam	6	5	100%	😊	😐	😊
China	5	4	56%	😐	😐	😐
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	100%	😊	😊	😊
Malaysia	6	6	52%	😊	😊	😐
Papua New Guinea	6	6	62%	😊	😊	😐
Peru	0	0	0%	😞	😞	😞
Philippines	0	0	0%	😞	😞	😞
Russia	0	0	0%	😞	😞	😞
Singapore	6	5	50%	😊	😐	😐
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	100%	😊	😊	😊
Viet Nam	0	0	0%	😞	😞	😞

Number of 😊

Compared to Jan – Jun 2023

Compared to Jul – Dec 2023

8

-1

-1

6

-1

-2

5

-1

-2

Smiley faces of JODI Gas in APEC (January-June 2024)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness
Brunei Darussalam	6	6	100%	😊	😊	😊
China	6	5	64%	😊	😐	😐
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	100%	😊	😊	😊
Malaysia	6	5	64%	😊	😐	😐
Papua New Guinea	0	0	0%	😞	😞	😞
Peru	0	0	15%	😞	😞	😞
Philippines	6	6	100%	😊	😊	😊
Russia	6	2	27%	😊	😞	😞
Singapore	6	6	64%	😊	😊	😐
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	91%	😊	😊	😊
Viet Nam	0	0	0%	😞	😞	😞

Number of 😊

10

7

6

Compared to Jan – Jun 2023

No change



No change

Compared to Jul – Dec 2023

No change



No change

EGEDA training courses and workshops

Energy statistics course (Held in Tokyo)

□ 10-21 February 2025

- No. of economies – 8 (INA; MAS; PNG; PHL; SGP; CT; THA; VN)
- No. of participants – 11
- Trainers - EGEDA secretariat

□ Objectives

- Increase the capacity of energy statisticians in APEC economies
- Keep the members up-to-date with new developments in energy statistics.
- Enhance the human resource network between APEC economies and APERC
- Increase the level of understanding of the APEC energy database by APEC economies
- Introduce world trends in energy statistics to APEC economies
- Improve the reliability of the APEC energy database



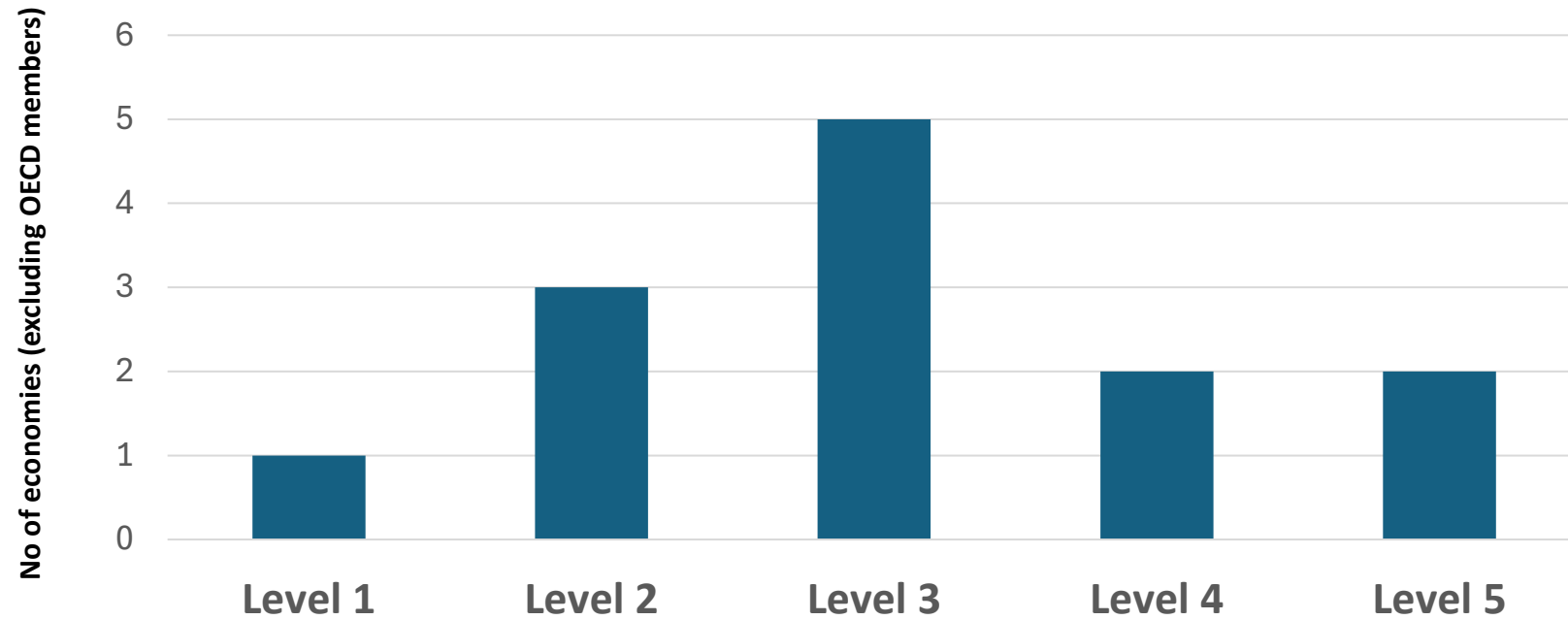
23rd APEC workshop on energy statistics (Planned)

- ❑ **Date:** September 2025
- ❑ **Theme:** Conducting end-use energy consumption surveys
- ❑ **Objectives**
 - The workshop's main objective is sharing of energy consumption survey practices among member economies such as:
 - Sampling methodologies
 - Preparation of questionnaires and enumerator's manual
 - Conduct of pilot survey
 - The workshop will facilitate dialogues on the issues and challenges encountered in end-use energy consumption surveys and how these can be addressed.

Performance levels for collecting/reporting energy statistics

Level	Performance
1	<ul style="list-style-type: none"> Economy collects energy production data for administrative purposes (e.g., managing private oil and gas companies) Electricity data (only that collected by the state electricity company); no estimates of renewable energy production Economy does not compile energy statistics/balances; does not complete APEC annual energy collection templates.
2	<ul style="list-style-type: none"> Collects energy data from administrative sources; energy balances are incomplete Energy consumption data are aggregated and limited to major sectors (i.e., industry, transportation, buildings, etc.) Economy does not complete the APEC annual energy data collection templates
3	<ul style="list-style-type: none"> Collects energy data from administrative sources; energy balances are incomplete Some energy consumption data are categorized by subsectors; no end-use data Does not complete the APEC annual energy data collection templates
4	<ul style="list-style-type: none"> Collects energy data from administrative sources; energy balances are largely complete Energy consumption data are broken down into subsectors Conducts end-use energy consumption surveys; but does not submit end-use data in the APEC EEI template Completes the APEC annual energy data collection templates
5	<ul style="list-style-type: none"> Collects energy data from administrative sources; prepares complete and accurate energy balances Categorizes energy consumption data by subsector Conducts end-use energy consumption surveys; submits end-use energy consumption data in the APEC EEI template Completes the APEC annual energy data collection templates

Currently a wide range of collection and reporting capabilities



- ❖ *Majority of the members are not able to complete the APEC annual energy data collection templates.*
- ❖ *Most of the data submitted does not reflect the preferred degree of granularity for energy use (fuel by end-use)*

Trainer/Expert dispatch

Capacity Building Workshop on end-use energy demand forecasting and LEAP Software Application for Thailand

- ❑ **Host:** Energy Policy and Planning Office (EPPO), Ministry of Energy
- ❑ **Date:** 27-31 January 2025
- ❑ **Participants:** 12
- ❑ **Objectives**
 - ▶ Conduct/facilitate a capacity building workshop on calculating end-use energy consumption in the commercial and residential sectors of Thailand
 - ▶ Forecast end-use energy demand until 2050

International cooperation

Secretariat's participation in international meetings

1. **JODI Inter-secretariat working group meeting on 5 December 2024**
2. **Task Team for the Revision of Standard International Energy Classification (TT-SIEC) under International Energy Statistics Working Group (InterEnerStat)**
 - ❑ Discuss revisions to SIEC with the ongoing revisions of Central Product Classification (CPC) and International Standard Industrial Classification (ISIC)
 - ❑ Monthly online meetings likely to continue for another year
 - ❑ Limited Progress to date
 - IEA is continuing to review the definition of synthetic fuel after discussions on 23 January 2024
 - Regarding "Waste", no agreement was reached
 - Categorization of "Fuel wood, wood residues and by-products" is being discussed
 - There is a general agreement for including "cooling " in the energy product classification and not limiting it to district cooling but further discussion and clarification is needed
 - Hydrogen will be classified at the same level of electricity and heat, removing it from "Other hydrocarbons"
 - Last four meetings were held on 10, 27 and 31 January and 7 February 2025;
 - More meetings before end of March 2025

Thank you.

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