

Session 6-A. Progress of JODI in APEC

The 37th meeting of APEC Expert Group on Energy Data and Analysis (EGEDA)
Guangzhou, China
8 to 10 April 2026

Nobuhiro SAWAMURA

EGEDA Secretariat



JODI Participation Assessments

Why do we have JODI Participation Assessments?

- To measure the degree of participation in the initiative by each economy.

How often do we do this Assessments? And what is the criteria of the Assessments?

- The **bi-annual assessment** considers three measures: sustainability, timeliness and completeness.
- Smiley Faces

- 😊 **Good**
- 😐 **Fair**
- 😞 **Less Reliable**

Sustainability

- 😊 if the **6 questionnaires** have been submitted;
- 😐 if 4 or 5 questionnaires have been submitted;
- 😞 when less than 4 questionnaires have been submitted

Timeliness

- 😊 when all **6 submissions** during the assessment period have been submitted **within two months** of the end of the reference month relevant to each submission;
- 😐 when 4 or 5 submissions have been received on time;
- 😞 when less than 4 submissions have been received on time

Completeness

- 😊 when **more than 90% of the data** are given for production, stock change/closing and demand, etc.;
- 😐 when between 60% and 90% of the data are given;
- 😞 when less than 60% of the data are given

- Links

[JODI-Oil World Database Participation Assessment | JODI \(jodidata.org\)](https://www.jodidata.org/participation-assessment-oil)

[JODI-Gas Member Participation Assessment | JODI \(jodidata.org\)](https://www.jodidata.org/participation-assessment-gas)

**JODI
Oil**



**JODI
Gas**



1. Progress of JODI Oil in APEC



Smiley Faces of JODI Oil

Data submissions (July to December 2025)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness (%)
Brunei Darussalam	6	6	100%	😊	😊	😊
China	5	3	56%	😐	😞	😞
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	83%	😊	😊	😐
Malaysia	6	3	51%	😊	😞	😞
Papua New Guinea	6	5	47%	😊	😐	😞
Peru	0	0	0%	😞	😞	😞
Philippines	6	1	100%	😊	😞	😊
Russia	0	0	0%	😞	😞	😞
Singapore	6	6	50%	😊	😊	😞
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	100%	😊	😊	😊
Viet Nam	0	0	0%	😞	😞	😞

Number of 😊

9

6

5

Compared to Jul – Dec2024



Compared to Jan – Jun 2025



Sustainability

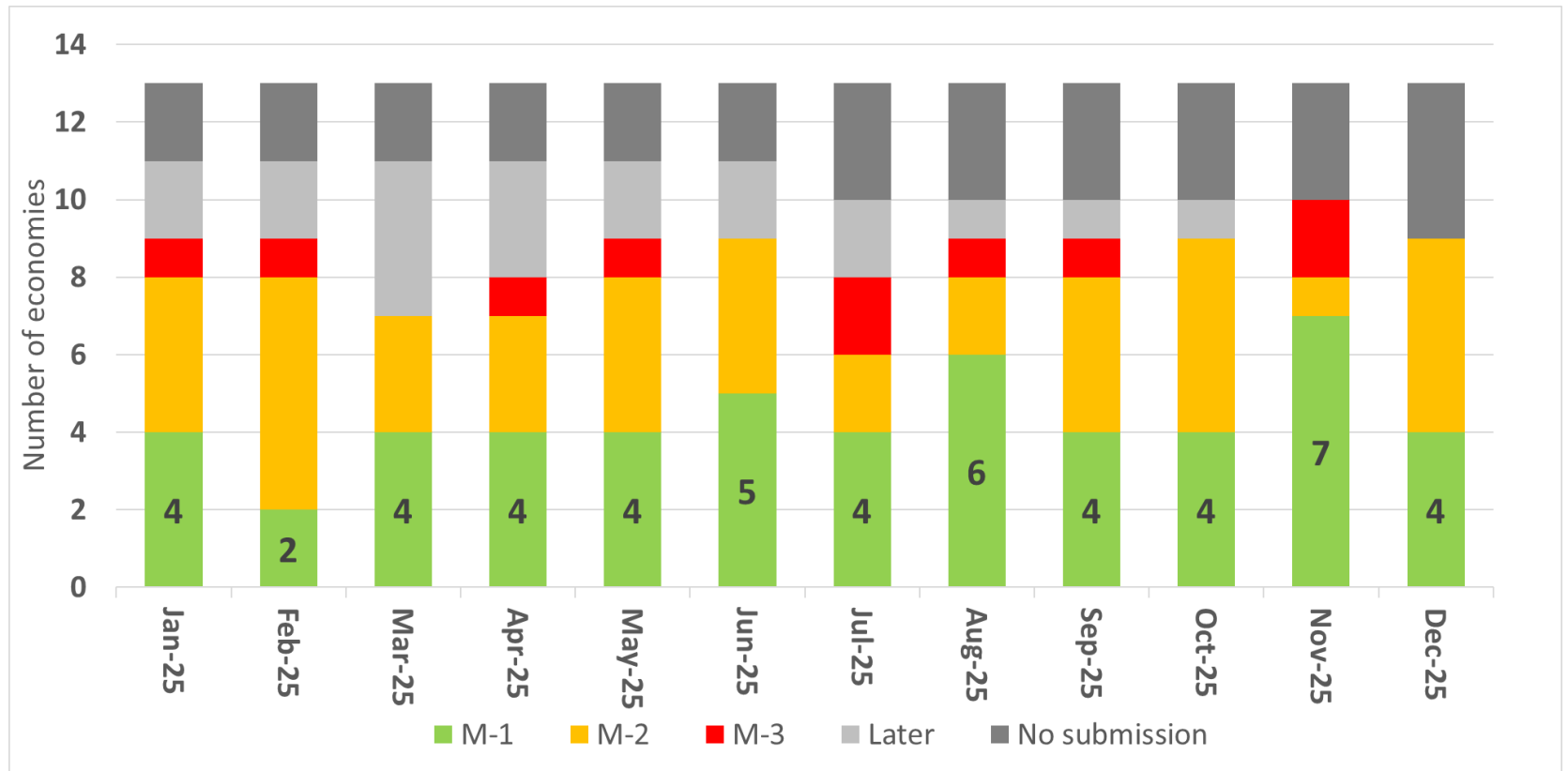
Number of submissions per year, 2017-2025

Economy/Year	2017	2018	2019	2020	2021	2022	2023	2024	2025	Remarks
Brunei Darussalam	12	12	12	12	12	12	12	12	12	
China	12	12	12	12	12	12	12	12	11	
Hong Kong, China	12	12	12	12	12	12	12	12	12	
Indonesia	12	12	12	12	12	12	12	12	12	
Malaysia	12	12	12	12	12	12	12	12	12	
Papua New Guinea	12	12	12	10	7	12	12	12	12	Improved submissions in 2022. But 7 months'(Apr and Sep 2020 and Aug-Dec 2021) data is still missing.
Peru	12	12	12	12	12	12	12	12	6	
Philippines	12	12	12	12	12	12	12	12	12	
Russia	12	12	12	12	12	12	3	0	0	Last submission: Mar-2023
Singapore	12	12	12	12	12	12	12	12	12	
Chinese Taipei	12	12	12	12	12	12	12	12	12	
Thailand	12	12	12	12	12	12	12	12	12	
Viet Nam	0	0	0	0	0	12	2	0	0	Last submission: Feb-2023

- Perfect submissions up to 2024 is **10 non-OECD member economies** (exc. PNG, RUS and VN);
- Perfect submissions in 2025 is **9 non-OECD member economies** (exc. PRC, PER, RUS and VN)

Timeliness-1

Submissions 2025



As of March 2026

- On average, **4 out of 13** Non-OECD member economies were able to submit M-1

Timeliness-2

Submissions 2025

Economy	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
Brunei Darussalam	M-2	M-2	M-1	M-1	M-2	M-1	M-1	M-1	M-2	M-1	M-1	M-1
China	M-3	M-1	Later	M-3	M-2	Later	M-3	M-2	M-3	M-1	M-1	
Hong Kong, China	M-1	M-2	M-2	M-2	M-1	M-1	M-1	M-1	M-2	M-2	M-1	M-1
Indonesia	M-2	M-2	Later	Later	M-3	M-1	M-2	M-1	M-1	M-2	M-1	M-2
Malaysia	M-2	M-2	M-2	M-2	M-2	M-2	Later	M-3	M-2	M-2	M-3	M-2
Papua New Guinea	M-1	M-3	M-1	M-1	M-1	M-1	M-3	M-1	M-1	M-1	M-1	M-1
Peru	Later	Later	Later	Later	Later	M-2						
Philippines	Later	Later	Later	Later	Later	Later	Later	Later	Later	Later	M-3	M-2
Russia												
Singapore	M-1	M-2	M-1	M-1	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-2
Chinese Taipei	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-2	M-1	M-1
Thailand	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2
Viet Nam												

M-1
M-2
M-3
Later
No submission

- From January to December 2025, **no** economy reported **within M-1** (submissions at current assessment criteria of 1 month + 10 days for M-1)
- **Brunei Darussalam; Hong Kong, China; Singapore; Chinese Taipei and Thailand** reported all months' data **within M-2**

Completeness

Products and Flows are not reported (based on the latest submission)

China

- No **closing stocks and stock changes**

Indonesia

- No **closing stocks** of crude oil and all petroleum products

Malaysia

- No **closing stocks/stock change**
- No **demand** data of all petroleum products

PNG

- No **stock change** of crude oil

Peru

- **Restarted** its submission from January 2024 data

Russia

- Stopped reporting JODI Oil data from April 2023

Singapore

- **Reports trade data only**

Viet Nam

- **Stopped its submission** from Feb 2023; **Missing all flows except crude oil production.**

Conclusions

Sustainability

- In 2025, **11 out of 13 non-OECD** member economies were able to submit their **JODI Oil** data other than RUS and VN.
- **PNG** improved its submissions; we have received from 2022.
- As for **VN**, ESTO has received JODI Oil reports from **Jan 2022 to Feb 2023**.

Timeliness

- Approx. 38% (**JODI Oil**) of economies submitted within **M-2** up to Dec 2025;

Completeness

- **6 (BD; HKC; INA; PER; CT and THA)** of non-OECD member economies reported more than 90% of **JODI Oil** data;

2. Progress of JODI Gas in APEC



Smiley Faces of JODI Gas

Data submissions (July to December 2025)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness (%)
Brunei Darussalam	6	6	100%	😊	😊	😊
China	5	4	64%	😐	😐	😐
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	100%	😊	😊	😊
Malaysia	6	4	58%	😊	😐	😐
Papua New Guinea	0	0	0%	😞	😞	😞
Peru	0	0	0%	😞	😞	😞
Philippines	6	6	100%	😊	😊	😊
Russia	6	6	27%	😊	😊	😐
Singapore	6	6	64%	😊	😊	😐
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	91%	😊	😊	😊
Viet Nam	0	0	0%	😞	😞	😞

Number of 😊

9

8

6

Compared to Jul – Dec2024



Compared to Jan – Jun 2025



Sustainability

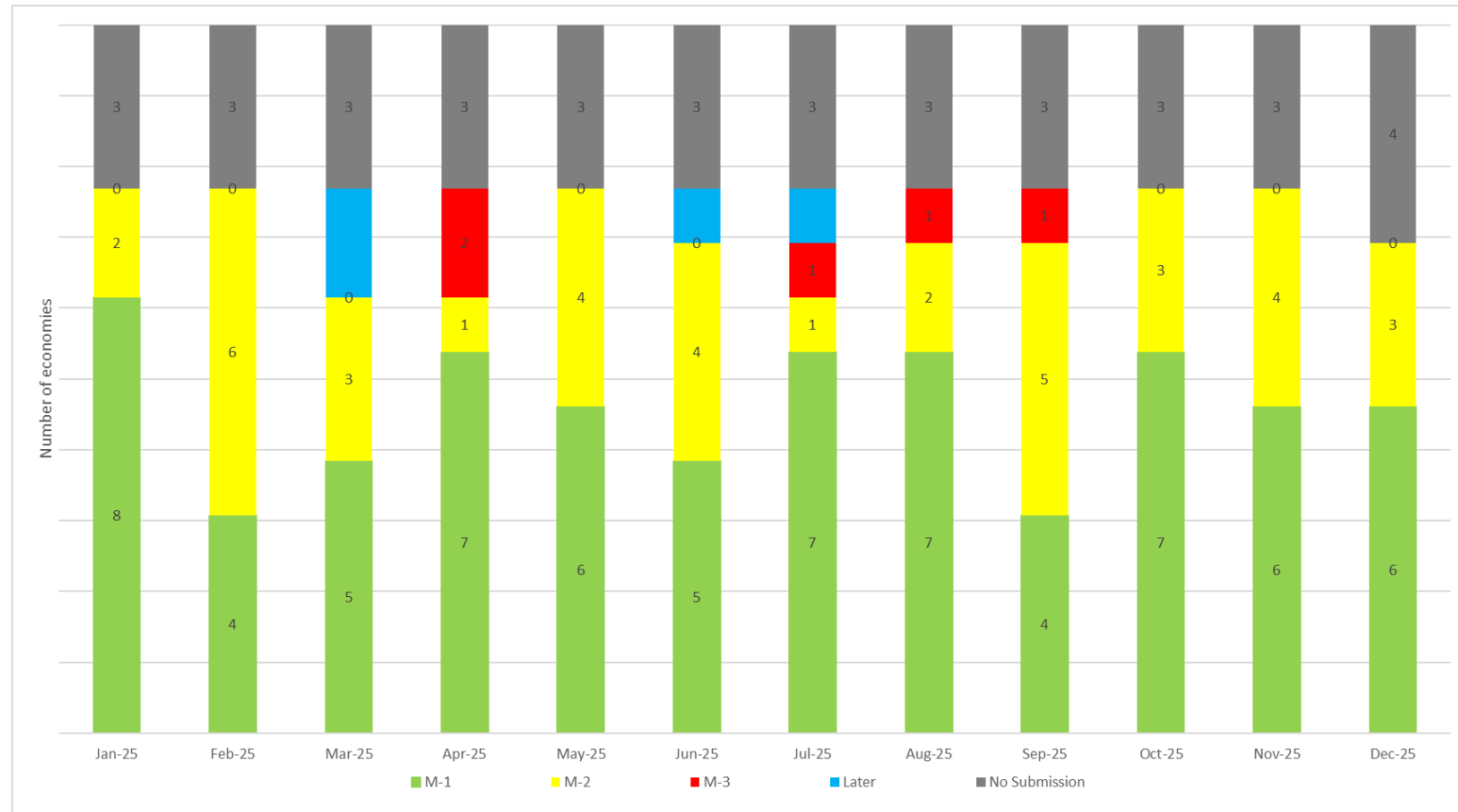
Number of submissions per year, 2017-2025

Economy/Year	2017	2018	2019	2020	2021	2022	2023	2024	2025	Remarks
Brunei Darussalam	12	12	12	12	12	12	12	12	12	
China	12	12	12	12	12	12	12	12	11	
Hong Kong, China	12	12	12	12	12	12	12	12	12	
Indonesia	12	12	12	12	12	12	12	12	12	
Malaysia	12	12	12	12	12	12	12	12	12	
Papua New Guinea	3	12	5	0	0	0	0	0	0	Last submission: May-2019
Peru	0	0	0	0	0	0	12	12	0	Last submission: Dec-2024
Philippines	12	12	12	12	12	12	12	12	12	
Russia	12	12	12	12	12	12	12	12	12	
Singapore	12	12	12	12	12	12	12	12	12	
Chinese Taipei	12	12	12	12	12	12	12	12	12	
Thailand	12	12	12	12	12	12	12	12	12	
Viet Nam	0	0	0	0	0	12	2	0	0	Last submission: Feb-2023

- Perfect submissions up to 2024 and 2025 is **9 non-OECD member economies** (exc. PRC, PNG, PER, VN)

Timeliness (1)

Submissions 2025



M-1: Within 1 month + 10 days

M-2: Within 2 months

M-3: Within 3 months

Later: After M-3

As of March 2025

- In average, **9 out of 13** Non-OECD member economies were able to submit on the set deadline
- We are trying to acquire the JODI Gas data from **3** member economies (**PNG, Peru and VN**)

Timeliness (2)

Submissions 2025

	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	M-1	M-2	M-3	Later
Brunei Darussalam	M-1	M-2	M-1	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1	10	2	0	0
China	M-2	M-2	Later	M-3	M-2	Later	M-3	M-2	M-3	M-1	M-1		2	4	3	2
Hong Kong, China	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-2	M-1	M-1	M-1	11	1	0	0
Indonesia	M-1	M-2	Later	M-3	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1	8	2	1	1
Malaysia	M-1	M-2	M-2	M-1	M-1	M-2	Later	M-3	M-2	M-2	M-2	M-2	3	7	1	1
Papua New Guinea													0	0	0	0
Peru													0	0	0	0
Philippines	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-2	M-1	M-2	M-1	10	2	0	0
Russia	M-1	M-1	M-2	M-1	M-1	M-2	M-1	M-1	M-2	M-2	M-2	M-2	6	6	0	0
Singapore	M-1	M-2	M-1	M-1	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-1	10	2	0	0
Thailand	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	0	12	0	0
Chinese Taipei	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	12	0	0	0
Viet Nam													0	0	0	0
		M-1		M-2		M-3	Later			No Submission						

- From Jan to Dec 2025, **only one** member economies (**Chinese Taipei**) have a perfect 12 **within M-1**
- 7** member economies reported all months' data **within M-2**

Completeness

China

- No stock change, statistical difference, gross inland deliveries(observed), total stocks on national territory-opening/closing
- No source of import/export

Malaysia

- No stock change, statistical difference, gross inland deliveries (observed), total stocks on national territory-opening/closing

Peru

- **Restarted** its submission from but **no submission** since January 2025

Russia

- No imports, exports, stock change, statistical difference, gross inland deliveries(calculated/observed)

Singapore

- No stock change, gross inland deliveries (calculated/observed), statistical difference, total stocks on national territory-opening/closing

Thailand

- No statistical difference, gross inland deliveries (observed)

PNG

- **No submission** since May 2019

Viet Nam

- **Stopped its submission from Feb 2023**
- Missing stock change, statistical difference, total stocks on national territory-opening/closing

Conclusions

- **Sustainability**

3 out of 13 non-OECD member economies (**PNG**, **PER** and **VN**) stopped submitting data.

- **Timeliness**

Only one out of the 13 non-OECD member economies which submitted JODI Gas data are on time for M-1 basis during the last 12 months.

- **Completeness**

Only 6 of 13 economies submit more than 90% of the data

- **Way forward**

APERC will continue to request PNG, PER and VN to submit JODI Gas data. Regular communication with these economies would be continued to bring them back to the initiative.

Thank you for your attention

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

<http://egeda.ewg.aperc.org/>

