

Session 4B. Progress of JODI in APEC

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EGEDA Secretariat**



Outline

**JODI Participation
Assessments**

Smiley Faces

JODI Oil

JODI Gas

**Sustainability
Timeliness
Completeness**

JODI Oil

JODI Gas

Conclusions

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)

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

JODI
Oil



JODI
Gas



Smiley faces of JODI Oil in APEC (January to June 2023)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness (%)
Brunei Darussalam	6	6	100%	😊	😊	😊
China	6	4	67%	😊	😐	😐
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	100%	😊	😊	😊
Malaysia	6	6	52%	😊	😊	😐
Papua New Guinea	6	2	69%	😊	😐	😐
Peru	0	0	0%	😐	😐	😐
Philippines	3	0	100%	😐	😐	😊
Russia	3	3	14%	😐	😐	😐
Singapore	6	6	52%	😊	😊	😐
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	100%	😊	😊	😊
Viet Nam	2	1	0%	😐	😐	😐

Number of



9

7

6

Compared to Jan – Jun 2022

-2

-1

No change

Compared to Jul – Dec 2022

No change

+1

-1

Smiley faces of JODI Gas in APEC (January to June 2023)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness (%)
Brunei Darussalam	6	6	100%	😊	😊	😊
China	6	6	64%	😊	😊	😊
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	100%	😊	😊	😊
Malaysia	6	6	61%	😊	😊	😊
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	1	73%	😞	😞	😊

Number of 😊

Compared to Jan – Jun 2022

Compared to Jul – Dec 2022

10

10

6

No change

No change

No change

No change

-1

+1

Sustainability (JODI Oil)

Number of submissions per year, 2015-2023

Economy/Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	Remarks
Brunei Darussalam	12	12	12	12	12	12	12	12	11	
China	12	12	12	12	12	12	12	12	11	
Hong Kong, China	12	12	12	12	12	12	12	12	10	
Indonesia	12	9	12	12	12	12	12	12	10	
Malaysia	12	12	12	12	12	12	12	12	10	
Papua New Guinea	12	12	12	12	12	10	7	8	10	Improved submissions in 2022 4 months'(Jul, Oct-Dec) data is missing for 2022
Peru	12	12	12	12	12	12	12	12	0	Improved submissions in 2021 but no submission in 2023.
Philippines	12	12	12	12	12	12	12	12	6	
Russia	12	12	12	12	12	12	12	12	3	Stopped submissions since the April 2023 data
Singapore	12	12	12	12	12	12	12	12	10	
Chinese Taipei	12	12	12	12	12	12	12	12	11	
Thailand	12	12	12	12	12	12	12	12	10	
Viet Nam	0	0	0	0	0	0	0	12	2	Restarted from Apr-2022

*As of January 10, 2024

Sustainability (JODI Gas)

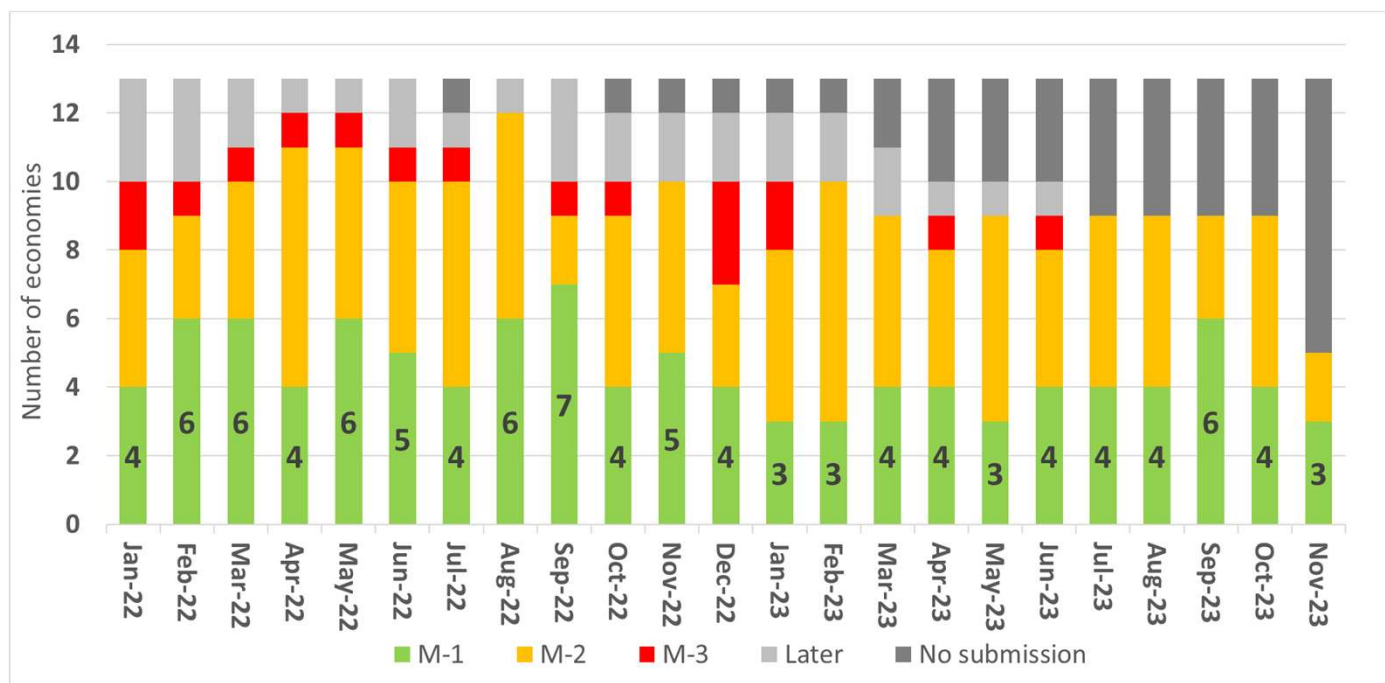
Number of submissions per year, 2015-2023

Economy	2015	2016	2017	2018	2019	2020	2021	2022	2023	Remarks
Brunei Darussalam	12	12	12	12	12	12	12	12	11	
China	12	12	12	12	12	12	12	12	11	
Hong Kong, China	12	12	12	12	12	12	12	12	11	
Indonesia	12	12	12	12	12	12	12	12	11	
Malaysia	12	12	12	12	12	12	12	12	11	
Papua New Guinea	12	12	3	12	5	0	0	0	0	Last submission: May-2019
Peru	12	8	0	0	0	0	0	0	0	Last submission: Aug-2016
Philippines	12	12	12	12	12	12	12	12	11	
Russia	12	12	12	12	12	12	12	12	10	
Singapore	12	12	12	12	12	12	12	12	10	
Chinese Taipei	12	12	12	12	12	12	12	12	11	
Thailand	12	12	12	12	12	12	12	12	10	
Viet Nam	0	0	0	0	0	0	0	12	2	Restarted from Apr-2022 but stopped submitting from Mar-2023

*As of January 10, 2024

Timeliness (JODI Oil-1)

JODI Oil (APEC timeliness criteria)



M-1: Within 1 month + 10 days
M-2: Within 2 months
M-3: Within 3 months
Later: After M-3

*As of January 10, 2024

- We have successfully received reports by **whole economies (13/13)** from **Jan to Jun** and **Aug 2022**.
- **About 6 out of 13** non-OECD member economies were able to submit on the set deadline.

Timeliness (JODI Oil-2)

JODI Oil (APEC timeliness criteria)

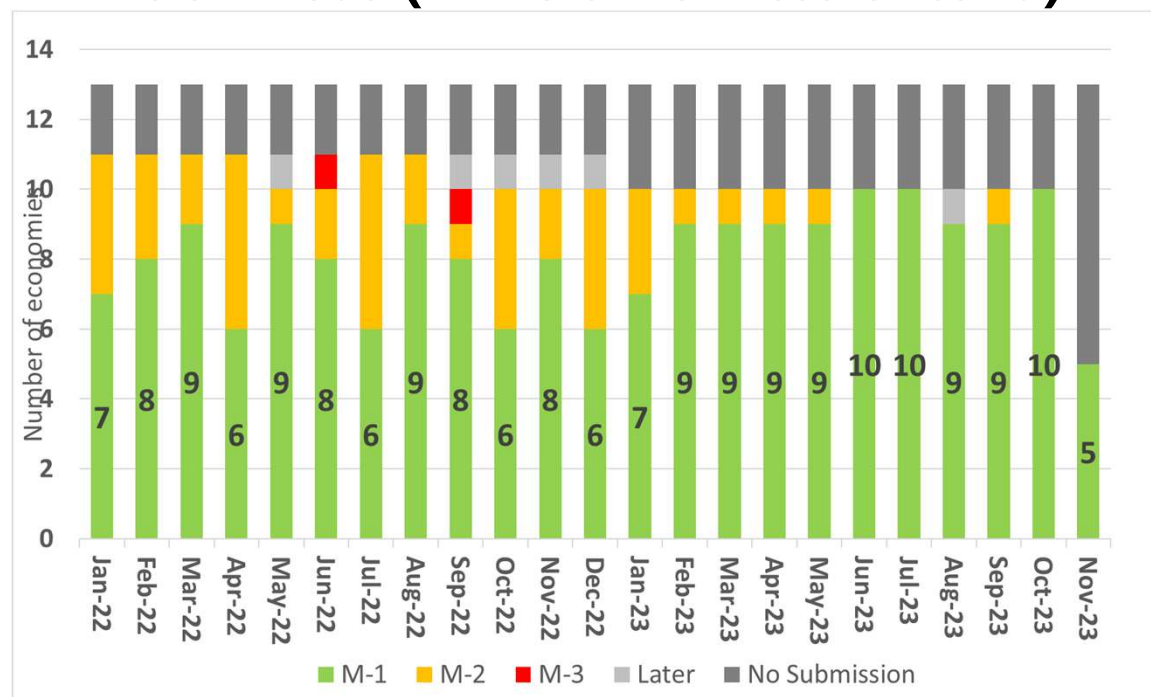
Economy	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23
Brunei Darussalam	M-1	M-1	M-1	M-1	M-1	M-1	M-2	M-2	M-1	M-2	M-2	M-1	M-2	M-2	M-2	M-1	M-2	M-1	M-1	M-1	M-1	M-2	M-1
China	M-2	M-1	M-1	M-2	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-3	M-3	M-2	M-1	M-2	M-1	M-3	M-2	M-1	M-1	M-1	M-1
Hong Kong, China	M-2	M-1	M-1	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-2	M-2	M-1	M-2	M-1	M-1	M-2	M-1	M-1	M-2	M-1	M-2	
Indonesia	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2
Malaysia	M-3	M-1	M-2	M-2	M-2	M-2	M-2	M-2	M-3	M-2	M-1	M-1	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-1	M-2	M-2
Papua New Guinea	Later	Later	Later	M-3	M-2	Later		M-2	Later				Later	Later	Later	M-3	M-2	M-1	M-1	M-1	M-2	M-1	
Peru	M-3	M-3	M-2	M-2	M-3	M-2	M-3	M-2	M-1	M-3	M-2	Later											
Philippines	Later	Later	Later	Later	Later	Later	Later	Later	Later	Later	Later	M-3	Later	Later	Later	Later	Later	Later					
Russia	M-2	M-2	M-2	M-2	M-1	M-1	M-2	M-1	M-1	M-2	M-1	M-3	M-2	M-2	M-2								
Singapore	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-2	M-2	M-2	M-1	M-1	
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	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1
Thailand	M-1	M-2	M-1	M-2	M-2	M-2	M-2	M-2	M-2	M-2	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	Later	Later	M-3	M-2	M-1	M-3	M-2	M-1	Later	Later	Later	Later	M-3	M-1									
		M-1	M-2	M-2	M-3	Later			No submission														

*As of January 10, 2024

- From Jan 2022 to Nov 2022, only **one** member economy (**Chinese Taipei**) reported **within M-1** (submissions at current assessment criteria of 1 month + 10 days for M-1).
- **Brunei Darussalam; Hong Kong, China; Indonesia; Singapore and Thailand** reported all months' data **within M-2**.

Timeliness (JODI Gas-1)

JODI Gas (APEC timeliness criteria)



M-1: Within 1 month + 10 days
M-2: Within 2 months
M-3: Within 3 months
Later: After M-3

*As of January 10, 2024

- **8 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 (JODI Gas-2)

JODI Gas (APEC timeliness criteria)

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23
Brunei Darussalam	M-1	M-1	M-1	M-1	M-1	M-1	M-2	M-1	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1
China	M-2	M-1	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-2	M-2	M-1	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1
Hong Kong, China	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1
Indonesia	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	
Malaysia	M-2	M-1	M-2	M-2	M-2	M-2	M-2	M-2	M-3	M-2	M-1	M-2	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	
Papua New Guinea																							
Peru																							
Philippines	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1
Russia	M-2	M-2	M-2	M-2	M-1	M-1	M-2	M-1	M-1	M-2	M-2	M-2	M-1	M-1	M-2	M-1	M-2	M-1	M-1	Later	M-2	M-1	
Singapore	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	
Thailand	M-1	M-2	M-1	M-2	M-1	M-2	M-2	M-2	M-2	M-2	M-2	M-2	M-1	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	
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	M-2	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1	M-1
Viet Nam	M-2	M-1	M-1	M-2	Later	M-3	M-2	M-1	Later	Later	Later	Later											
	M-1	M-2	M-3	Later	Later	No submission																	

*As of January 10, 2024

- From Jan 2022 to Nov 2023, **4** member economies (**Hong Kong, China; Philippines; Singapore** and **Chinese Taipei**) have perfect 23 **within M-1**
- **8** member economies reported all months' data **within M-2**.

Completeness (JODI Oil)

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

China

- No closing stocks of crude oil and all petroleum products
- Stopped reporting **stock change** of crude oil/all petroleum products from October 2020

Indonesia

- No closing stocks of crude oil and all petroleum products

Malaysia

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

Russia

- **Russia has stopped reporting all data from April 2023**

Singapore

- **All flows except crude oil production and the trade data** (imports and exports) of all products

Viet Nam

- **Restarted its submission from April 2022; Missing all flows except crude oil production.**
- **However, it has stopped reporting all data from March 2023**

Completeness (JODI Gas)

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

China, Malaysia,
Singapore

- No stock change, gross inland deliveries (Observed) and total stocks on national territory-closing

PNG

- *No submission* since May 2019

Peru

- *No submission* since August 2016

Russia

- No gross inland deliveries (Observed)
- No Trade data (import/export) from January 2022 up to the last submission

Thailand

- No gross inland deliveries (Observed)

Viet Nam

- **Restarted** its submission from April 2022 but stopped submitting from Mar-2023
- No stock change, gross inland deliveries (Observed) and total stocks on national territory-closing

Conclusions

• Sustainability:

- In 2023, **12 out of 13 non-OECD** member economies were able to submit their **JODI Oil** data, other than Peru. And **10 out of 13 non-OECD** economies were able to submit their **JODI Gas** data, other than PE, PNG and VN (as of Jan 10, 2024).
- For **VN**, ESTO finally has received JODI Oil/Gas reports from **Jan 2022 to Feb 2023**. However, **VN** stopped reporting again from Mar-2023.

• Timeliness:

- About **42%** (**JODI Oil**)/ **59%** (**JODI Gas**) of economies submitted within **M-1** up to Nov 2023.

• Completeness:

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

Thank you for your kind attention.

<https://aperc.or.jp>

<https://www.egeda.ewg.apec.org/>

