

Challenges in JODI Data Sustainability, Timeliness, Completeness and Quality in APEC

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- Challenges in collecting monthly oil and gas data, and how they are dealt with
- Challenges in data processing
- Barriers in improving data quality
- Recommended courses of action to improve data quality, sustainability, completeness, and timeliness
- Primary challenges faced by JODI participants in submitting M-1 data
- How could JODI Partners help

Smiley Faces of JODI Oil in APEC

July-December 2014

Country	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness
Brunei Darussalam	6	6	100%	😊	😊	😊
China	6	6	83%	😊	😊	😊
Hong Kong	6	6	100%	😊	😊	😊
Indonesia	6	2	76%	😊	😞	😊
Malaysia	6	6	52%	😊	😊	😞
Papua New Guinea	2	2	31%	😞	😞	😞
Peru	0	0	0%	😞	😞	😞
Philippines	6	6	100%	😊	😊	😊
Russia	6	6	79%	😊	😊	😊
Singapore	6	6	33%	😊	😊	😞
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	100%	😊	😊	😊
Vietnam	0	0	0%	😞	😞	😞

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Smiley Faces of JODI Gas in APEC July-December 2014

Country	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness
Brunei Darussalam	6	6	100%	😊	😊	😊
China	6	6	19%	😊	😊	😞
Hong Kong	6	6	71%	😊	😊	😊
Indonesia	4	3	100%	😐	😞	😊
Malaysia	6	6	67%	😊	😊	😊
Papua New Guinea	6	2	76%	😊	😞	😊
Peru	0	0	0%	NA	NA	NA
Philippines	6	6	100%	😊	😊	😊
Russia	6	6	81%	😊	😊	😊
Singapore	6	6	67%	😊	😊	😊
Chinese Taipei	6	6	95%	😊	😊	😊
Thailand	6	6	75%	😊	😊	😊
Vietnam	0	0	0%	NA	NA	NA

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Challenges in Collecting JODI data in APEC Member Economies

- No designated persons for JODI in 2 member economies
 - APEC continues to communicate with the concerned ministries and is offering capacity building
- No existing system to integrate upstream and downstream data in 1 economy
 - APEC collects data from both sources and integrates the data
- Delayed submission from data sources in another economy
 - APEC encourages this economy to submit the data on time
- Incomplete data in some economies
 - APEC encourages this economy to be more transparent

- Some economies are not able to convert the oil data from volume units to mass units or vice versa
- Some economies do not submit natural gas data in Terajoules
- Some economies do not report natural gas data in the required unit of million standard cubic meters (@15°C temperature, 760 mm-Hg)

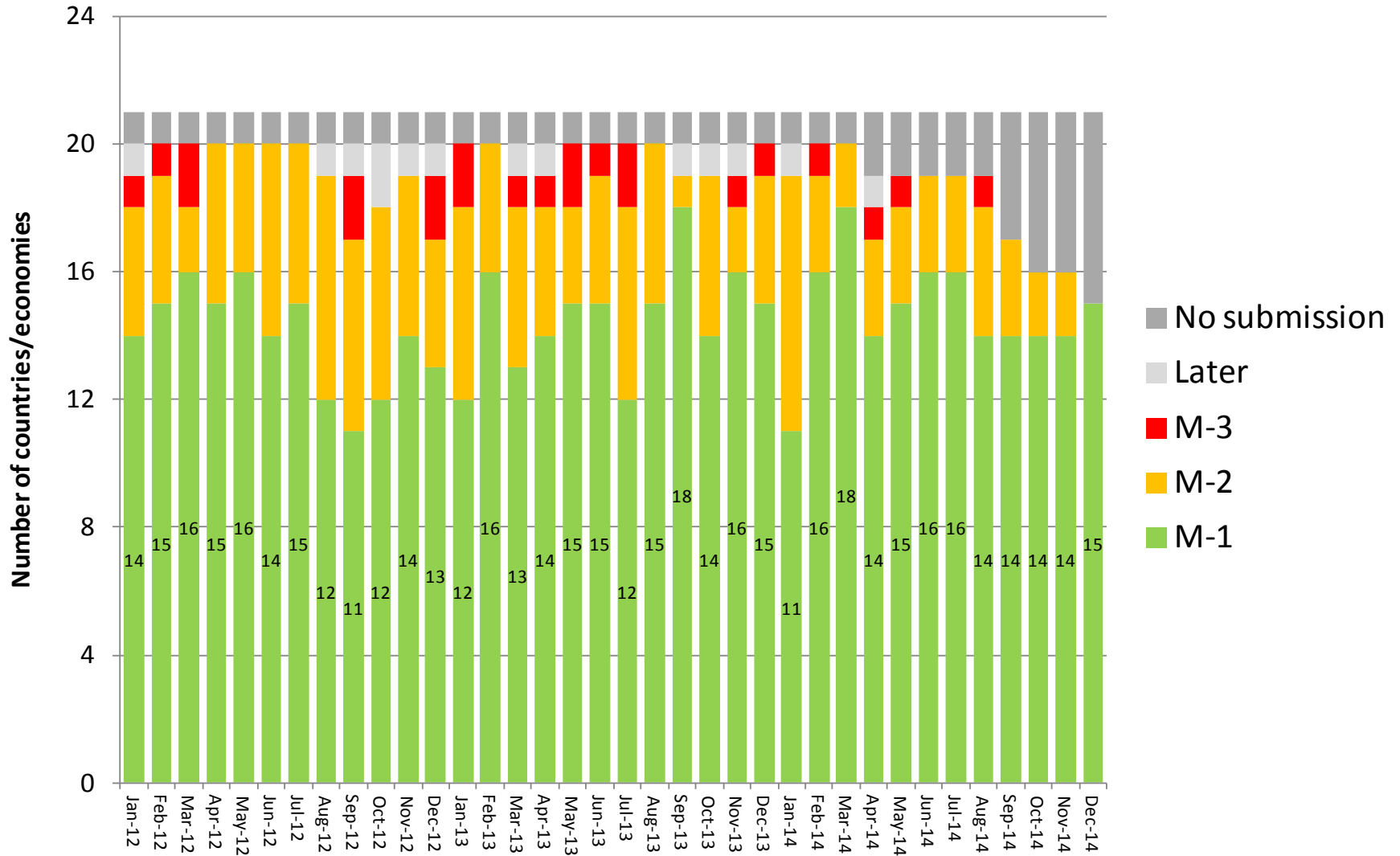
- No designated persons/agencies for JODI in 2 member economies
- No existing system to integrate upstream and downstream data in 1 economy
- Delayed submission from data sources in another economy
- Incomplete data in some economies due to confidentiality

- Incomplete data
 - No data in energy units (Terajoules) – use calorific value in annual data but only for M-1 and encourage member economies to report the calorific value in M-2
 - International organizations should be able to calculate data such as conversion from volume to mass units and vice versa
 - International organizations should be allowed to convert data to a common unit such as standard volume unit for natural gas

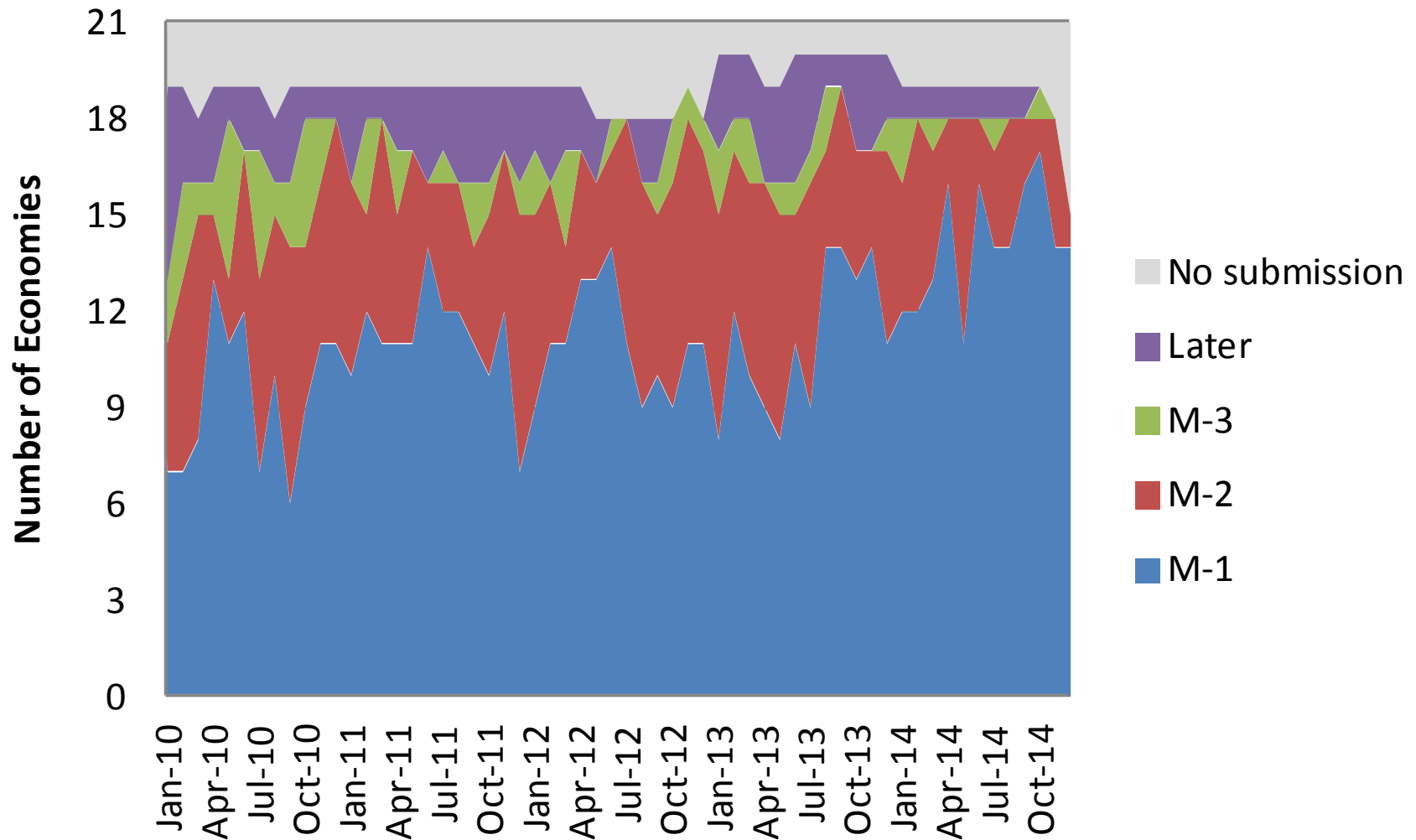
Recommended courses of action to improve data quality, sustainability, completeness, and timeliness 9

- Delayed data submission from data sources
 - Data sources are normally state-owned oil and gas companies as well as private oil and gas companies – Designated agencies for JODI should require oil and gas companies to submit data on time
- Confidentiality
 - The government should determine the benefit of data transparency against confidentiality - companies that do business in the country should be asked to cooperate in data transparency

Timeliness of JODI Oil in APEC



Timeliness of JODI Gas in APEC

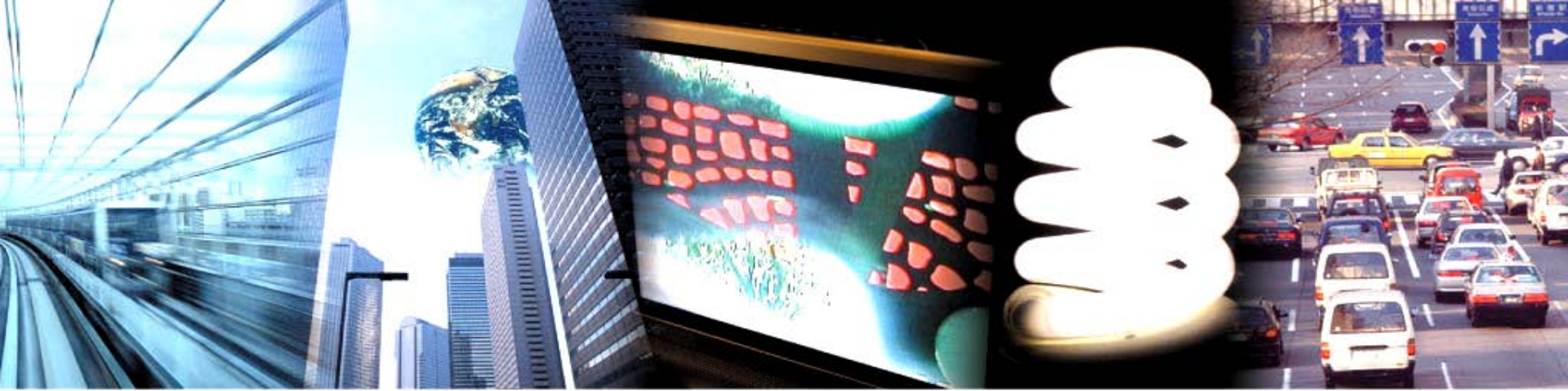


- Delayed submission from data sources
 - State-owned oil and gas companies
 - Private oil and gas companies
 - National statistics offices

How could JODI Partners Help

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- JODI Partners should hold annual meetings with member countries/economies
 - Discuss future directions and share experiences
 - Improve camaraderie
- Regular (annual) trainings in each region to cover not just JODI but how to use JODI data in oil market analysis should be held
- Participation of JODI Partners in regional trainings would be necessary
- Sharing of technical, financial and training resources in the holding of trainings
- Developing interactive online JODI training packages



Thank you.