

17th APEC Workshop on Energy Statistics



Energy Working Group



Joint APEC-JODI Workshop on
Oil and Gas Statistics

11-13 June 2019
Hotel Sunroute Ariake, Tokyo, Japan

Draft Agenda

Day 1: 11 June 2019

09:00 - 09:15	Welcome address Dr Kazutomo Irie , Asia Pacific Energy Research Centre (APERC) Mr Fuad Al-Zayer , International Energy Forum (IEF)
09:15 - 09:30	Opening remarks by JODI partner organisations Gas Exporting Countries Forum (GECF) International Energy Agency (IEA) Organization of the Petroleum Exporting Countries (OPEC) United Nations Statistics Division (UNSD)
09:30 – 09:45	Photo Session
09:45 – 10:15	Short Introduction of Participants All participants
10:15 – 10:30	Importance of energy commodity data transparency and recent developments of the Joint Organisations Data Initiative Fuad AlZayer , IEF <ul style="list-style-type: none">• Background• Current status• Looking ahead
10:30 – 10:45	The importance of energy data for policy making and achieving sustainable development goals Costanza Giovannelli , UNSD
10:45 – 11:00	Morning break
11:00 – 11:30	Crude oil and petroleum product flows and related important statisticsⁱ Steve Gervais , IEA <ul style="list-style-type: none">• Production and marketable production• Oil refining and related data• Demand flows, backflows and transfers
11:30 – 12:00	Conversion Factors (volume to mass and vice versa) Hossein Hassani , OPEC



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APERC

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	The extended JODI Oil questionnaire and JODI Oil Manual 2nd Edition Elvira Gelindon, APERC <ul style="list-style-type: none"> Introduction Product definitions Flow definitions Commons reporting mistakes Major differences with annual oil questionnaire Feedback from participants
12:00 – 12:30	
12:30 – 13:00	Oil Data Quality Assessment Hossein Hassani, OPEC <ul style="list-style-type: none"> Data validations techniques Consistency with other energy statistics Resources for data collection Availability of metadata Participation assessment (smiley face) approach
13:00 – 14:00	Lunch break
14:00 – 14:45	Natural gas statistics Roberto Arenas, GECF <ul style="list-style-type: none"> What is natural gas Production and marketable production Gas processing and related data Data measurement units
14:45 – 15:30	JODI Gas questionnaire and JODI Gas Manual Edito Barcelona, APERC <ul style="list-style-type: none"> Questionnaire format Natural gas trade data Data measurement units Major differences with annual gas questionnaire Feedback from participants
15:30 – 16:00	Afternoon break
16:00 – 17:00	JODI Gas data quality assessment Roberto Arenas, GECF <ul style="list-style-type: none"> Data reporting mechanism (questionnaire and definitions) Data validation process, technique and tools Consistency with other data sources Data quality assessment indicators, tools and feedback Participation assessment (smiley face) approach
17:00 – 17:30	Economy reportsⁱⁱ Australia – Voluntary to mandatory petroleum data reportingⁱⁱⁱ Brunei Darussalam – Oil and natural gas flows and statistics in Brunei Darussalam^{iv}
18:30 – 19:30	JODI Data User Seminar
19:30 - 21:00	Welcome Reception



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Day 2: 12 June 2019

09:30 – 10:30	Economy reports China – <i>Monthly oil and gas data reporting system in China^v</i> Hong Kong, China – <i>Challenges in JODI data collection and reporting in Hong Kong, China^{vi}</i> Japan – <i>Monthly oil and gas data collection system in Japan^{vii}</i> Korea – <i>Monthly oil and gas data collection system in Korea^{viii}</i>
10:30 – 11:00	Morning break
11:00 – 13:00	Economy reports New Zealand - Challenges in JODI data collection and reporting in New Zealand ^{ix} Russia – <i>Monthly oil and gas data reporting system in Russia^x</i> Chinese Taipei – <i>Monthly oil and gas data reporting system in Chinese Taipei^{xi}</i> United States – <i>U. S.’s energy data collection system and analysis experience^{xii}</i>
13:00 – 14:00	Lunch break
14:00 – 15:30	How to engage business entities in national energy data compilation? – Discussion and practical exercises. Duncan Millard , Former Chief Statistician of IEA and the UK Department of Business, Energy and Industrial Strategy <ul style="list-style-type: none"> • Legal and institutional frameworks • Effective data dissemination in support of promoting its benefits • Addressing confidentiality
15:30 – 16:00	Afternoon break
16:00 – 16:30	Dialogue with other participating economies/countries^{xiii} Yui Torikata , IEF
16:30 – 17:30	The JODI world database Yui Torikata , IEF <ul style="list-style-type: none"> • Using the database

Day 3: 13 June 2019

	Hands-on Exercises (filling the JODI Oil questionnaire) Steve Gervais, IEA <ul style="list-style-type: none"> • What to include in the production of crude/NGLs etc? • How to treat output from gas plants and other sources • Common mistakes • Data checking
09:00 – 10:30	Morning break
11:00 – 12:30	Hands-on Exercises (filling the JODI Gas questionnaire)^{xiv} Edito Barcelona, APERC
12:30 – 13:00	Review of Hands-on Exercises
13:00 – 14:00	Lunch break
14:00 – 14:45	Increasing data transparency across all energy data collection Costanza Giovannelli, UNSD
14:45 – 15:30	Wrap up Session: how to overcome data collection challenges Dr Sun Xiansheng, IEF <ul style="list-style-type: none"> • Commitment by non-participating economies/countries to join JODI • Strengthening cooperation among participating economies/countries and organisations • Outstanding issues • Commitment by participating countries and economies to improve their data • Review/evaluation of the program (course assessment)
15:30 – 16:00	Afternoon break and adjournment

ⁱ The objectives of this presentation are to a) clarify the differences between crude oil, lease condensates, natural gas liquids and other hydrocarbons; b) refinery feedstocks; c) product transfers and inter-product transfers; d) backflows and recycled products; e) refinery process, intakes, outputs, losses and refinery fuels; f) international marine and aviation bunkers versus domestic consumption; and g) sources of other hydrocarbons such as coal, natural gas and others. How these products and flows are reported in the JODI Oil and annual questionnaires should be explained.

ⁱⁱ Each presentation would be preceded by a short presentation by IEF on data issues in the presenting economy

ⁱⁱⁱ Australia would be requested to give a presentation on the change of data collection from voluntary to mandatory, how legal hurdles were addressed and improvements observed brought about by the change

^{iv} Brunei would be asked give a presentation on crude oil and natural gas production and transformation flows, related statistics and how these are reported in the JODI Oil and JODI Gas questionnaires

^v The National Bureau of Statistics of China would be requested to explain how monthly oil and gas data surveys are implemented and how the economy's total data are estimated from the surveys

^{vi} Hong Kong, China would be requested to report on the challenges in JODI data collection in the economy

- vii Japan would be requested to share to workshop participants how oil and gas production, trade and consumption data are produced in the economy
- viii Korea would be requested to share to workshop participants how oil and gas production, trade and consumption data are produced in the economy
- ix New Zealand would be requested to give a presentation on challenges in oil and gas data collection in the economy
- x Russia would be requested to give a presentation on oil and gas data reporting system in the economy
- xi Chinese Taipei would be requested to give a presentation on oil and gas data collection system in the economy
- xii The USA would be requested to present the “Domestic and International energy data collection for energy market analysis needs” it presented during the JODI training workshop in China in 2016
- xiii In the dialogue, IEF would present data issues in the participating economies/countries and seek how the concerned economy/country could address the issues
- xiv Participants will be asked to bring 1) their original data which can be used to fill in the JODI questionnaires, 2) the questionnaires filled with data and 3) a diagram that explains the data sources