

## APEC/ASEAN Joint Workshop on Energy Statistics

*30 November – 4 December 2009*

***Berjaya Times Square Hotel, Kuala Lumpur - Malaysia***

*Organized by ASEAN Centre for Energy and Institute of Energy Economics, Japan*

*Supported by Ministry of Economics, Trade and Industry, Japan*

## Day 1

## Opening Session

**9:00 Welcome addresses**

**Mr. Badaruddin bin Mahyudin,**

Senior Undersecretary (Energy),  
Ministry of Energy, Green Technology and Water

## Opening address

by Mr. Shigeru Kimura, Senior Research Fellow,  
The Institute of Energy Economics, Japan

## Opening address

by Mr. Nguyen Manh Hung, Executive Director,  
ASEAN Center for Energy

## Photo session

### Coffee Break

## Adoption of agenda

## Session 1: JODI

## 9:45 Current Development in JODI

by Mr. Torikata, IEFS

- **Background**
- **The JODI World Database**
- **7<sup>th</sup> JODI Conference**
- **JODI Training and Internship**
- **etc**
- **Q & A**

**10:30 Understanding of Correspondence between Oil Flow and the Extended JODI Format** by Ms. Reece, IEA

- Oil flow of upstream and downstream
- Refinery process
- Concept of the maxi JODI
- O & A

12:00 Lunch break

**13:30 Identification of JODI Data Problems by country/economy** by Mr. Barcelona, IEEJ

- **Three smiley faces: Submission, Timeliness and Completeness**
- **Low data quality caused by definition, historical trend and demand-supply balance**
- O & A**

15:00 Coffee break

**15:30 Hands on Exercise**  
To fill a sample data in the maxi JODI

**by Mr. Barcelona, IEEJ**

## **Day 2**

### **Session 2: Monthly Gas Data (JODI gas)**

**9:00 Current Development in the JODIgas** **by Mr. Torikata, IEFS**  
➤ Expectations from Ministers , G8, 11<sup>th</sup> and 12<sup>th</sup> IEF  
➤ Asian Ministerial Energy Roundtable  
➤ Energy meeting in Jeddah and London  
➤ Feasibility study  
➤ Action plan  
Q & A

*10:00 Coffee Break*

**10:30 Identification of Gas Data Problems** **by Mr. Kimura, IEEJ**  
by country/economy  
➤ Submission including timeliness and completeness  
➤ Review of data quality by country/economy  
➤ Identification of the barriers in the data collection  
➤ Maintenance of the data quality  
Q & A

**11:30 Challenge to JODIgas and Capacity Data** **by Mr. Kimura, IEEJ**  
➤ Framework of JODIgas  
➤ Shift from the monthly gas data collection to JODIgas  
in APEC and ASEAN  
➤ Possibility to collect capacity data  
Q & A

*12:30 Lunch Break*

### **Session 3: Annual Energy Data**

**14:00 Understanding of APEC/ASEAN Joint Format**  
➤ Coal **by Mr. Torikata, IEFS**  
➤ Oil **by Mr. Barcelona, IEEJ**  
➤ Gas **by Ms. Cecilya, ASEAN Expert**  
➤ Electricity & Heat **by Mr. Barcelona, IEEJ**  
➤ Renewable **by Ms. Cecilya, ASEAN Expert**  
Q & A

*15:30 Coffee Break*

**16:00 Identification of Annual Data Problems** **by Mr. Miyagawa, IEEJ**  
by country/economy  
➤ Coal & Renewable  
Q & A

## **Day 3**

- 9:00 Identification of Annual Data Problems by Mr. Miyagawa, IEEJ**  
by country/economy
- Oil & Gas
  - Electricity

*10:30 Coffee Break*

## **Session 4: Quarterly Energy Data**

- 11:00 Improvement of Submission and Accuracy by Mr. Miyagawa, IEEJ**
- Purpose
  - Format
  - Data problems
  - Discussion on the improvement

*12:30 Lunch Break*

## **Session 5: Energy Balance table**

- 14:00 Understanding of Energy Balance Table by Ms. Reece, IEA**
- Concept
  - Flows and products
  - Thermal value (gross and net)
  - Thermal efficiency of primary electricity
  - Analysis

*15:00 Coffee Break*

- 15:30 Hands on Exercise by Mr. Barcelona, IEEJ**
- Make energy balance table using a sample data
  - Analyze the energy balance table

## **Day 4**

## **Session 6: Energy Indicators**

- 9:00 Experience on Collection of Detailed Energy Consumption Data**
- Japan
  - New Zealand
  - Mexico
- Q & A**
- by Mr. Miyagawa, IEEJ  
by Ms. Hien Dang  
by Ms. Carla Bourges

*10:30 Coffee Break*

- 11:00 Continued**
- Hong Kong
  - United State
- Q & A**
- by Mr. Chung-yee Shum  
by Ms. Gwendolyn Jacobs

**12:00 Lunch Break**

## **Session 7: Economic Data**

**13:30 Understanding of National Income**

**by Prof. Kato, Tokyo Keizai University**

*15:00 Coffee Break*

**15:30 Definition and use of GDP**

**by Prof. Kato, Tokyo Keizai University**

## **Day 5**

## **Session 6': Energy Indicators**

**9:00 What Data are needed in Measuring Energy Efficiency?**

**by Mr. Kimura, IEEJ**

*10:00 Coffee Break*

**10:30 Understanding of the IEA new template**

**by Ms. Reece, IEA**

*12:00 Lunch Break*

## **Session 7': Economic Data**

**13:30 Understanding of Price Index and Exchange rate**

**by Prof. Kato, Tokyo Keizai University**

*15:00 Coffee Break*

**15:30 Brief on Basic Concept of I-O Table**

**by Prof. Kato, Tokyo Keizai University**

*17:00 Closing Remarks*