Day 1: 18 May 2016

10:00 Welcome Address
Dr. Sun Xiansheng, Senior Research Fellow and Former President, CNPC Research Institute of Economics and Technology

10:15 – 10:30 Opening Remarks by JODI Partner Organisations

10:30 – 10:45 Short Introduction of Participants
All participants

10:45 – 11:30 Importance of Energy Commodity Data Transparency and Recent Developments of the Joint Organisations Data Initiative
Fuad Al Zayer, JODI Coordinator, IEF
- Background
- Current status
- Looking ahead

11:30 – 11:45 Photo Session

11:45 – 12:30 The Extended JODI-Oil Questionnaire and JODI-Oil Manual 2nd Edition
Agnieszka Koscielniak, Senior Oil and Gas Statistician, IEA
- Introduction
- Product definitions
- Flow definitions
- Common reporting mistakes
- Feedback from participants

12:30 – 13:30 Lunch Break

13:30 – 14:15 JODI-Oil Data Quality Assessment
Takuya Miyagawa, Senior Economist, APERC
- Data validation techniques
- Consistency with other energy statistics
- Resources for data collection
- Availability of metadata
- Participation assessment (smiley face) approach
- Colour code assignment approach

14:15 – 15:00 JODI-Gas Questionnaire and JODI-Gas Manual
Edito Barcelona, Senior Coordinator, APERC
- Questionnaire format
- What’s natural gas?
- Understanding key flows
- Data measurement units
- Feedback from participants
15:00 – 15:30  Coffee Break

15:30 – 16:15  **JODI-Gas Data Quality Assessment**  
  Majid Badihi and Mohamed Arafat, GECF  
  - Data Reporting Mechanism (Questionnaire, Definitions & Data Exchange Center)  
  - Data Validation Process, Techniques & Tools.  
  - Consistency with other data sources  
  - Data Quality Assessment Indicators, tools and feedback  
  - Participation assessment (smiley face) approach  
  - Data Transparency within GECF

16:15 – 17:00  **Gas to Liquid (GTL) / Coal to Liquid (CTL) Technologies and Markets Explained**  
  Stève Gervais, IEA and Yuichiro Torikata, IEF

18:00  Welcome Reception

Day 2: 19 May 2016

9:00 – 9:45  **Domestic and International Energy Data Collection for Energy Market Analysis Needs**  
  Joel Lou, Economist, U.S. Energy Information Administration

9:45 – 10:30  **The JODI World Database**  
  Yuichiro Torikata, Energy Analyst, IEF  
  - Using the database (online and by downloading the ivt file)

10:30 – 11:00  Coffee Break

11:00 – 11:45  **Data Quality Assessment Tools**  
  Stève Gervais, IEA and Yuichiro Torikata, IEF  
  - Examples of data assessment sheets used by IEA and IEF

11:45 – 12:30  **JODI-Oil Data in Asia**  
  APERC, IEF, UNSD  
  - Issues and suggested solutions

12:30 – 13:30  Lunch Break

13:30 – 14:15  **JODI-Gas Data in Asia**  
  APERC, IEF, UNSD  
  - Issues and suggested solutions

14:15 – 15:00  **Exercises to Fill the JODI-Oil/Gas Questionnaire**  
  Stève Gervais and Agnieszka Koscielnia, IEA  
  - What to include in production of crude/NGLs etc?  
  - How to treat output from gas plants  
  - Common mistakes  
  - Checks on the data

15:00 – 15:30  Coffee Break
15:30 – 17:30 Hands-on Exercise Using Participating Countries’ Monthly Oil/Gas Data*  
Yuichiro Torikata, IEF  
- Filling participating countries’ data into the JODI-Oil / JODI-Gas questionnaires  
- Open dialogue with each participating country on their energy data collection mechanism and on their exercise experience filling the JODI questionnaires

*Participants are asked to bring 1) their original data which can be used to fill in the JODI questionnaire, 2) the questionnaire filled with the data and 3) a diagram that explains what the data sources are (Please refer to the attached JODI-Oil / JODI-Gas diagram template).

Day 3: 20 May 2016

9:00 – 10:00 Hands-on Exercise Using Participating Countries’ Monthly Oil/Gas Data (Continue)

10:00 – 10:30 Increasing Data Transparency Across All Energy Data Collection  
Leonardo Souza, Statistician, UNSD

10:30 – 11:00 Coffee Break

11:00 – 12:30 Wrap up Session and Preparation of Resolution from the Workshop  
Fuad Al Zayer, JODI Coordinator, IEF  
- Commitment by non-participating countries to join JODI  
- Strengthening cooperation among participating countries and organisations  
- Outstanding issues  
- Commitment by participating countries and economies to improve their data  
- Review/evaluation of program (course assessment)

Afternoon Site Visit to the CNPC Beijing Oil and Gas Control Center