



**InterEnerStat, International Energy Agency, Paris
September 14-15, 2015**

***APEC EGEDA Training Program on
Energy Statistics***

Edito Barcelona

**Energy Statistics and Training Office
Asia Pacific Energy Research Centre**



**Asia-Pacific
Economic Cooperation**



Outline

- Purpose
- Short-term Course
- Medium-term Course
- Training Materials
- Way Forward



Purpose

- Increase the capability of energy statisticians in APEC economies
- Enhance human resource network between APEC economies and the coordinating agency, APERC
- Increase the level of understanding on APEC energy database by APEC economies
- Introduce world trends on energy statistics to APEC economies
- Improve reliability of the APEC energy database

Two Courses Offered

- Short-term Course
- Medium-term Course

Short-term Course

- 2 weeks of classroom courses in APERC, Japan
- Prospective trainees: beginners on energy statistics from APEC member economies
- 2015 trainees:
 - Energy Commission, Malaysia
 - Department of Petroleum and Energy, Papua New Guinea
 - Ministry of Energy, Russian Federation
 - General Directorate of Energy, Ministry of Industry and Trade, Viet Nam
 - Energy Department, Prime Minister's Office, Brunei Darussalam
- Period: 17-28 August 2015

Short-term Course

Financial Support

- Fully sponsored
- Round trip economy class air ticket between Tokyo and member economy
- Travel Insurance
- Round-trip transportation between an airport in Tokyo and hotel (limousine bus and taxi)
- Cost of accommodation in a hotel near APERC
- Daily allowance

Short-term Course

Contents

- Overview of Energy Statistics
- History of APEC Energy Statistics
- Economy Presentation on Energy Situation and Energy Statistics
- Collection, Processing and Dissemination of Energy Statistics in Japan
- Explanation of the APEC Energy Questionnaires
- Hands-on Exercises on Filling-out the APEC Annual Energy Supply/Demand Reporting Format with actual data from trainees' economies / validation

Short-term Course

Contents (2)

- History and Progress of the Joint Organizations Data Initiative (JODI)
- Hands-on Exercises on Filling-out the JODI Questionnaires with raw data from trainees' economies / validation
- Macro-economic Statistics
- Energy Demand and Supply Analysis
- Short-term forecasting using the APEC Analysis Tool

Short-term Course

Contents (3)

- Understanding the Energy Balance Table
- Hands-on Exercises on Building an Energy Balance Table
- Validation of Energy Balance Table
- Special lectures on research studies using energy statistics

Medium-term Course

- 8 weeks of on-the-job (OJT) training in ESTO/APERC
- Prospective trainees: energy statisticians with about 1 year of experience
- 2014 Trainees:
 - Natural Gas Office, Department of Energy, Philippines
 - Energy Policy and Planning Office, Ministry of Energy, Thailand
- 2015 Trainees:
 - Planning Department, Ministry of Industry and Trade, Viet Nam
 - Papua New Guinea (expressed interest but no for formal nomination until now)
- Period: 4 October to 28 November 2015
- Work Plan: Trainees to perform work assigned by supervisors from ESTO/APERC and classroom lectures on selected topics

Medium-term Course

Financial Support

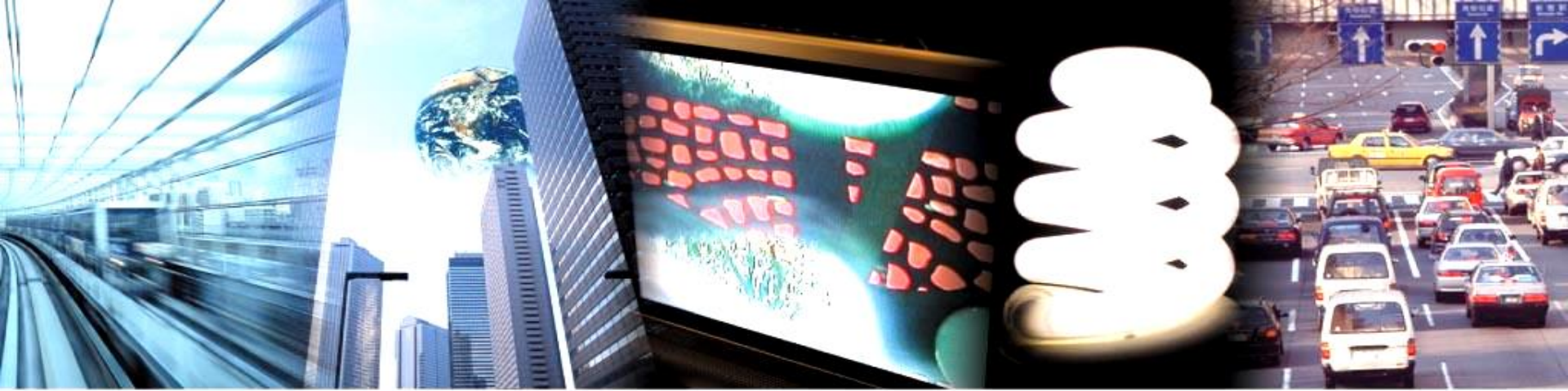
- Full sponsorship
- Round trip economy class air ticket to Tokyo and member economy
- Travel Insurance
- Transportation between Airport in Tokyo and Hotel (limousine bus and taxi)
- Cost of accommodation in a hotel near IEEJ
- Daily allowance

Training Materials

- Training materials are powerpoint presentation made from IRES definitions and other sources
- Manuals for the questionnaires which are also based on IRES are also made available
- Hands-on exercises use country data but is not so successful due to time constraints/ The important point is that trainees know what data and where should they be entered
- The course is just in its 2nd year; it will be improved continuously

Way Forward

- ESTO/APERC will continue to improve the programs of trainings the based on the suggestions given by the trainees
- For the short-term program, increase the number of trainees depending on available budget; get more training assistants for the hands-on exercises
- For the medium-term training, time will be allocated for classroom lectures
- For 2016, ESTO/APERC hopes to receive trainees from Chile, Peru and Indonesia and other interested economies



Thank you for your attention

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