

**EGEDA Energy Statistics Training Program**  
**Short-Term Course, 20-31 August 2018 (2 weeks)**  
**Training Agenda**  
**(Draft as of 17 August 2018)**

Date/Time	Contents	Speaker
<b>Sun. 19 August</b>	<b>Arrival in Tokyo</b>	
<b>Mon. 20 August</b>		
10:00-10:30	<b>Opening ceremonies</b> <ul style="list-style-type: none"> <li>• Welcoming remarks</li> <li>• Self-introduction by trainees and trainers</li> <li>• Introduction of EGEDA</li> <li>• Introduction to the training course</li> <li>• Admin matters and Logistics</li> </ul>	Dr. Irie  Mr. Kendell Mr. Barcelona Mr. Komori
10:30-12:00	<b>The importance of energy statistics</b> <b>History of APEC energy statistics and how to use the APEC Energy Database</b>	Ms. Gelindon Mr. Barcelona
12:00-13:00	<b>Lunch break</b>	
13:00-15:00	<b>IRES recommendations on energy statistics and energy balances</b>	Mr. Komori
15:30-17:30	<b>Trainees' presentations (20 mins each)</b> <ul style="list-style-type: none"> <li>• Current energy situation and energy data collection in trainees' economies</li> </ul>	Trainees
18:00-20:00	<b>Networking Dinner @Restaurant near the hotel</b>	
<b>Tues. 21 August</b>		
10:00-12:00	<b>Energy data collection in Japan</b> <ul style="list-style-type: none"> <li>• Supply (coal, oil, gas, electricity &amp; heat, NRE)</li> <li>• Consumption (industry, transportation, commercial, residential, non-energy)</li> </ul>	Mr. Komori
12:00-13:00	<b>Lunch break</b>	
13:00-15:30	<b>Trainees' presentations (20 mins each)</b> <ul style="list-style-type: none"> <li>• Current energy situation and energy data collection in trainees' economies</li> </ul>	Trainees
15:30-17:30	<b>Practical exercises: units and units conversion</b>	Dr. Kimura
<b>Wed. 22 August</b>		
10:00-12:00	<b>The annual coal questionnaire</b> <ul style="list-style-type: none"> <li>• Definition of products</li> <li>• Definition of supply, transformation and consumption flows</li> </ul>	Mr. Komori
12:00-13:00	<b>Lunch break</b>	
13:00-14:00	<ul style="list-style-type: none"> <li>• Exercise: filling-out the coal questionnaire</li> </ul>	Trainees
14:00-15:00	<b>The oil questionnaire</b> <ul style="list-style-type: none"> <li>• Oil principles</li> <li>• Definition of products and supply flows</li> </ul>	Ms. Gelindon
15:30-17:30	<ul style="list-style-type: none"> <li>• Exercise: filling-out the oil questionnaire</li> </ul>	Trainees

<b>Thur. 23 August</b>		
10:00-12:00	<b>Explanation of the gas questionnaire</b> <ul style="list-style-type: none"> <li>Natural gas products and flows</li> <li>Exercise: filling-out the gas questionnaire</li> </ul>	Ms. Atikah Trainees
12:00-13:00	<b>Lunch break</b>	
13:00-15:00	<b>Explanation of the electricity &amp; heat questionnaire</b> <ul style="list-style-type: none"> <li>Electricity &amp; heat producers</li> <li>Electricity &amp; heat sources</li> <li>Exercise: filling-out the electricity &amp; heat questionnaire</li> </ul>	Dr. Kimura Trainees
15:30-17:30	<b>Explanation of NRE questionnaire</b> <ul style="list-style-type: none"> <li>Importance of NRE data</li> <li>NRE products</li> <li>What are counted and not counted</li> <li>Methods in calculating NRE production and consumption</li> </ul>	Mr. Barcelona
<b>Fri. 24 August</b>		
10:00-12:00	<b>Introduction to energy demand forecasting and SimpleE</b>	Dr Yamaguchi
12:00-13:00	<b>Lunch break</b>	
13:00-14:00	<b>Optimization analysis using linear programming</b>	Dr. Yamaguchi
14:30-17:30	<b>Introduction to power supply investment planning</b>	Dr. Yamaguchi
<b>Sat. 25- Sun. 26 August</b>		
<b>Saturday &amp; Sunday, Free Time</b>		
<b>Mon. 27 August</b>		
10:00-12:00	<ul style="list-style-type: none"> <li>Hands-on Exercise on SimpleE</li> </ul>	Trainees
12:00-13:00	<b>Lunch break</b>	
13:00-14:00	Exercise: filling-out the NRE questionnaire	Mr. Barcelona
14:30-17:30	<b>Review of filled-out annual energy questionnaires Data Estimation and Validation</b>	Mr. Barcelona
14:30-17:30	<b>Energy indicators</b> <ul style="list-style-type: none"> <li>Activity indicators</li> <li>Macroeconomic data</li> <li>Other activity data</li> <li>Energy intensities and other energy indicators</li> </ul>	Ms. Gelindon
<b>Tue. 28 August</b>		
10:00-12:00	<b>Review of filled-out annual energy questionnaires</b>	Mr. Barcelona
12:00-13:00	<b>Lunch break</b>	
13:00-15:00	<b>Introduction to energy balance tables</b>	Mr. Barcelona
15:30-17:30	<b>Preparation and validation of the energy balance tables</b>	Ms. Atikah
<b>Wed. 29 August</b>		
10:00-12:00	<b>Calculating CO2 emissions using the energy balance table</b>	Mr. Barcelona
12:00-13:00	<b>Lunch break</b>	
13:00-15:00	<b>Introduction to JODI</b> <ul style="list-style-type: none"> <li>History and mechanism</li> <li>Evaluation of data accuracy</li> </ul>	Mr. Komori Ms. Atikah/ Mr. Komori

15:30-17:30	<b>Exercise:</b> Filling out the JODI Oil and JODI Gas questionnaires with May and June 2018 data	Ms. Atikah/ Mr. Komori
<b>Thu. 30 August</b>		
10:00-12:00	<b>End-use energy consumption data</b> <ul style="list-style-type: none"> <li>• End-use energy consumption data and importance in energy policy analysis and demand forecasting</li> </ul>	Mr. Ip
12:00-13:00	<i>Lunch break</i>	
13:00-15:00	<b>End-use energy consumption survey in Hong Kong, China</b>	Mr. Ip
15:30-17:30	<b>Hands-on exercise on econometrics using SimpleE</b>	Ms. Gelindon
<b>Fri. 31 August</b>		
10:00-11:00	<b>Introduction to decomposition analysis</b>	Mr. Barcelona
11:00-12:00	<b>Hands-on exercises on decomposition analysis</b>	Ms. Gelindon
12:00-13:00	<i>Lunch break</i>	
13:00-14:00	<b>Hands-on exercises on decomposition analysis</b>	Mr. Barcelona
14:30-15:00	<b>Evaluation of the short-term training course</b>	Trainees
15:00-15:30	<b>Discussion</b>	
15:30-16:00	<b>Awarding of certificates of the short-term training course</b>	Dr. Irie
<b>Sat. 1 September</b>	<b>Departure from Tokyo</b>	