

EGEDA Energy Statistics Training Program
Short-Term Course, 19 - 30 January 2026
Draft Training Agenda

Date/Time	Contents	Speaker
18 Jan, Sun	Arrival in Tokyo	
19 Jan, Mon		
9:15-9:30	Registration and distribution of allowances for APERC-funded participants	
9:30-10:30	Opening ceremonies <ul style="list-style-type: none"> • Welcoming remarks • Group photo • Safety guidelines and other important information • Self-introduction by trainees and trainers • Introduction of EGEDA, data collection and the training course 	Dr. Irie All Mr Sawamura All Mr Barcelona
10:30-11:00	1.1 The importance of energy statistics and the APEC Energy Database	Ms Gelindon
11:00-11:15	<i>Morning break</i>	
11:15-12:30	1.2 IRES recommendations on energy statistics and energy balances including revision of SIEC	Mr Sawamura
12:30-13:30	<i>Lunch break</i>	
13:30-15:30	1.3 Introduction to the energy balance table	Mr Barcelona
15:30-15:45	<i>Afternoon break</i>	
15:45-17:30	Trainees' presentations (5 economies) Current energy situation and energy data collection in trainees' economies	Trainees
18:00-20:00	Networking Dinner	
20 Jan, Tue		
9:30-11:00	2.1 Energy data collection in Japan <ul style="list-style-type: none"> • Supply (coal, oil, gas, electricity & heat, NRE) 	Mr Sawamura
11:00-11:15	<i>Morning break</i>	
11:15-12:30	2.2 Energy data collection in Japan <ul style="list-style-type: none"> • Consumption (industry, transportation, commercial, residential, non-energy) 	Mr Sawamura
12:30-13:30	<i>Lunch break</i>	
13:30-15:30	2.3 Energy unit conversion with practical exercises	Dr Dumlao
15:30-15:45	<i>Afternoon break</i>	
15:45-17:30	Trainees' presentations (5 economies) Current energy situation and energy data collection in trainees' economies	Trainees
21 Jan, Wed		
9:30-11:00	3.1 The annual coal questionnaire <ul style="list-style-type: none"> • Definition of products • Definition of supply, transformation and consumption flows 	Mr Barcelona
11:00-11:15	<i>Morning break</i>	
11:15-12:30	Exercise: filling-out the coal questionnaire	Trainees
12:30-13:30	<i>Lunch break</i>	
13:30-14:30	3.2 The oil questionnaire <ul style="list-style-type: none"> • Oil principles • Definition of products and supply flows 	Ms Gelindon
14:30-15:00	<ul style="list-style-type: none"> • Exercise: filling-out the oil questionnaire 	Trainees

Date/Time	Contents	Speaker
15:00-15:15	<i>Afternoon break</i>	
15:15-17:30	3.3 Explanation of the gas questionnaire <ul style="list-style-type: none"> Natural gas products and flows Exercise: filling-out the gas questionnaire	Mr Sawamura
17:30	Explanation of Thursday morning seatwork	Ms Gelindon
22 Jan, Thu		
9:30-12:30	Seatwork at the small meeting room and/or open-space area	Trainees
12:30-13:30	<i>Lunch break</i>	
13:00-14:00	4.1 Explanation of NRE questionnaire <ul style="list-style-type: none"> Importance of NRE data NRE products What are counted and not counted 	Mr Barcelona
14:00-14:30	Methodologies in calculating NRE production and consumption <ul style="list-style-type: none"> 4.2 Fuel wood and charcoal 	Mr Sawamura
14:30-15:00	<ul style="list-style-type: none"> 4.3 Bagasse 	Mr Barcelona
15:00-15:15	<i>Afternoon break</i>	
15:15-15:45	Methodologies in calculating NRE production and consumption <ul style="list-style-type: none"> 4.4 Biogas 	Mr Barcelona
15:45-16:15	<ul style="list-style-type: none"> 4.5 Biomass consumption in palm oil and paper production 	Ms Gelindon
16:15-16:45	<ul style="list-style-type: none"> 4.6 Solar water heaters 	Dr Dumlao
16:45-17:30	NRE questionnaire Exercise: filling-out the NRE questionnaire	Mr Barcelona Trainees
23 Jan, Fri		
9:30-11:00	5.1 Explanation of the electricity & heat questionnaire <ul style="list-style-type: none"> Electricity & heat/cooling producers Electricity & heat/cooling sources Estimating and reporting electricity consumption of EVs Electricity storage and reporting electricity storage data 	Mr Barcelona
11:00-11:15	<i>Morning break</i>	
11:15-12:30	Exercise: filling-out the electricity & heat questionnaire	Mr Barcelona
12:30-13:30	<i>Lunch break</i>	
13:30-14:00	5.2 Building the energy balance table	Mr Barcelona
14:00-15:00	Exercise: Building the energy balance table	Mr Barcelona
15:30-15:45	<i>Afternoon break</i>	
15:15-16:30	5.3a Calculating GHG emissions using the energy balance table Exercise: Calculating GHG emissions from energy combustion	Dr Dumlao
16:30-17:30	5.3b Calculating Fugitive GHG emissions using the energy balance table Exercise: Calculating fugitive GHG emissions	Dr Dumlao
24 –25 Jan, Sat – Sun, Free Time		
26 Jan, Mon		
9:30-11:00	6.1 Energy efficiency indicators (EEI) <ul style="list-style-type: none"> Importance of energy efficiency indicators 	Ms Gelindon
11:00-11:15	<i>Morning break</i>	
11:15-12:30	6.2 EEI data gap assessment	Ms Gelindon
12:30-13:30	<i>Lunch break</i>	
14:00-15:00	6.3 Tracking energy efficiency in household sector	Ms Gelindon
15:00-15:15	<i>Afternoon break</i>	
15:15-17:30	6.4 Modeling household end-use energy consumption	Ms Gelindon

Date/Time	Contents	Speaker
27 Jan, Tue		
9:30-12:00	7.1 Tracking energy efficiency in services sector	Mr Sawamura
11:00-11:15	<i>Morning break</i>	
11:15-12:30	Exercise: Services end-use energy consumption estimation	Mr Sawamura
12:30-13:30	<i>Lunch break</i>	
13:30-14:30	7.2 Tracking energy efficiency in transport sector	Mr Barcelona
15:00-15:15	<i>Afternoon break</i>	
15:15-16:30	7.3 Modelling transport energy consumption	Mr Barcelona
16:30-17:30	Exercise: Transport end-use energy consumption estimation	Mr Barcelona
28 Jan, Wed		
9:30-11:00	8.1 Tracking energy efficiency in industry sector	Dr Dumlao
11:00-11:15	<i>Morning break</i>	
11:15-12:30	8.2 Modeling industry energy consumption	Dr Dumlao
12:30-13:30	<i>Lunch break</i>	
13:30-15:00	8.3 Hydrogen production and consumption	Mr Sawamura
15:00-15:15	<i>Afternoon break</i>	
15:15-16:00	Exercise: Filling out the hydrogen data reporting template	Mr Sawamura
16:00-17:30	8.4 District cooling and reporting district cooling data	Ms Gelindon
29 Jan, Thu		
9:30-11:00	9.1 Calculating end-use energy consumption using survey data	Ms Gelindon
11:00-11:15	<i>Morning break</i>	
11:15-12:30	Exercise: Calculating end-use energy consumption using survey data	Ms Gelindon
12:30-13:30	<i>Lunch break</i>	
	9.2 Introduction to decomposition analysis	Ms Gelindon
15:00-15:15	<i>Afternoon break</i>	
15:15-17:30	Exercise: Hands-on exercises on decomposition analysis	Ms Gelindon
30 Jan, Fri		
9:30-11:00	10.1 Introduction to Joint Organisations Data Initiative	Mr Sawamura
11:00-11:15	<i>Morning break</i>	
11:00-12:30	Exercise: Filling out the JODI Oil and JODI Gas questionnaires with October 2025 and November 2025 data	Mr Sawamura
12:30-13:30	<i>Lunch break</i>	
13:30-15:00	Review of JODI exercises	Mr Sawamura
15:00-15:15	<i>Afternoon break</i>	
15:15-16:30	Review of the training course	Mr Barcelona
16:30-17:00	Awarding of certificates of the short-term training course	Mr Sweetnam
17:00	Group photo	All
31 Jan, Sat	Departure from Tokyo	

Speakers:

1. Dr. Kazutomo IRIE – President, APERC
2. Mr. Glen SWEETNAM – Senior Vice President, APERC and Chair, EGEDA
3. Mr. Edito BARCELONA – Senior Research Fellow, ESTO/APERC
4. Ms. Elvira GELINDON – Research Fellow, ESTO/APERC
5. Mr. Nobuhiro SAWAMURA – Senior Researcher, ESTO/APERC
6. Dr. Matthew Dumlao – Researcher, APERC