EGEDA Energy Statistics Training Program
Short-Term Course, 6-16 February 2023
Draft Training Agenda

Date/Time	Contents	Speaker
5 Feb, Sun	**Arrival in Tokyo**	
6 Feb, Mon		
9:30-10:30	**Opening ceremonies** • Welcoming remarks • Self-introduction by trainees and trainers • Introduction of EGEDA • Introduction to the training course • Admin matters and Logistics	Mr. Barcelona Mr. Barcelona Ms. Gelindon Ms. Pancho
10:30-11:00	**1.1 The importance of energy statistics and the APEC Energy Database**	Ms. Gelindon
11:00-12:00	**1.2 IRES recommendations on energy statistics and energy balances**	Mr. Barcelona
12:00-13:00	*Lunch break*	
13:00-17:00	**Trainees' presentations (20 mins each)** Current energy situation and energy data collection in trainees' economies	Trainees
17:00-17:30	Q&A	All
18:00-20:00	**Networking Dinner @Restaurant near the hotel**	
7 Feb, Tue		
9:30-11:00	**2.1 Energy data collection in Japan** • Supply (coal, oil, gas, electricity & heat, NRE) • Consumption (industry, transportation, commercial, residential, non-energy)	Ms. Pancho
11:00-12:00	**2.2 Energy units and unit conversion** • Practical exercises: units and units conversion	Mr. Nabih
12:00-13:00	*Lunch break*	
13:00-17:00	**Trainees' presentations (20 mins each)** • Current energy situation and energy data collection in trainees' economies	Trainees
17:00-17:30	Q&A	All
8 Feb, Wed		
9:30-11:00	**3.1 The annual coal questionnaire** • Definition of products • Definition of supply, transformation and consumption flows	Mr. Barcelona
11:00-12:00	Exercise: filling-out the coal questionnaire	Trainees
12:00-13:00	*Lunch break*	
13:00-14:00	**3.2 The oil questionnaire** • Oil principles • Definition of products and supply flows	Mr. Nabih
14:00-15:00	• Exercise: filling-out the oil questionnaire	Trainees
15:00-17:30	**3.3 Explanation of the gas questionnaire** • Natural gas products and flows Exercise: filling-out the gas questionnaire	Mr Nabih Trainees

9 Feb, Thu		
9:30-12:00	**4.1 Explanation of the electricity & heat questionnaire** • Electricity & heat producers • Electricity & heat sources **Exercise**: filling-out the electricity & heat questionnaire	Ms. Pancho Trainees
12:00-13:00	*Lunch break*	
13:00-15:00	**4.2 Explanation of NRE questionnaire** • Importance of NRE data • NRE products • What are counted and not counted	Mr. Barcelona
15:30-16:30	**4.3 Methodologies in calculating NRE production and consumption**	
16:30-17:30	**NRE questionnaire** **Exercise**: filling-out the NRE questionnaire	Trainees
10 Feb, Fri		
9:30-10:30	**Review of filled-out questionnaires**	Mr. Barcelona
10:30-12:00	**5.1 Introduction to energy balance tables**	Mr. Barcelona
12:00-13:00	*Lunch break*	
13:00-14:00	**Exercise:** Preparation and validation of the energy balance tables	Trainees
14:00-15:00	**5.2 Calculating CO$_2$ emissions using the energy balance table** **Exercise**: Calculating CO$_2$ emissions	Mr. Barcelona Trainees
15:00-16:30	**5.3 Energy indicators** • Activity indicators • Macroeconomic data • Other activity data **5.4 Energy intensities and other energy indicators**	Ms. Gelindon
16:30-17:30	**Exercise: :** Calculating energy indicators (by economy)	Trainees
11 – 12 Feb, Sat - Sun	**Free Time**	
13 Feb, Mon		
9:30-11:00	**6.1 Energy efficiency indicators (EEI)** • Importance of energy efficiency indicators **6.2 EEI template in APEC** • Filling-out the EEI template	Ms. Gelindon
11:00-12:00	**6.3 EEI data gap assessment**	Ms. Alenka Lončarević
12:00-13:00	*Lunch break*	
13:00-14:00	**Continuation of data gap assessment**	Ms. Lončarević
14:00-16:00	**6.4 Tracking energy efficiency in household sector** **6.5 Data collection in the household sector**	Mr. Barcelona Ms. Lončarević
16:00-17:30	**6.6 Modeling household end-use energy consumption**	Ms. Lončarević
14 Feb, Tue		
9:30-12:00	**Exercise:** • Household energy consumption survey • Household end-use energy consumption estimation	Ms. Lončarević Trainees
12:00-13:00	*Lunch break*	
13:00-14:30	**7.1 Tracking energy efficiency in services sector**	Ms. Gelindon

	7.2 Modeling services energy consumption		Ms. Lončarević
14:30-15:00	**Exercise:** Services end-use energy consumption estimation		Ms. Lončarević/ APERC Trainees
15:00-17:00	**7.3 Tracking energy efficiency in transport sector**		Mr. Sawamura
	7.4 Modeling transport energy consumption		Ms. Lončarević
17:00-17:30	**Exercise:** Services and transport end-use energy consumption estimation (Homework)		Trainees
15 Feb, Wed			
9:30-10:30	Discussion of the Homework		Ms. Lončarević All
10:30-12:00	**8.1 Tracking energy efficiency in industry sector**		Ms. Pancho
	8.2 Modeling industry energy consumption		Ms. Lončarević
12:00-13:00	*Lunch break*		
13:00-17:30	Continuation of modeling industry energy consumption		Ms. Lončarević/ APERC
	Exercises: Industry end-use energy consumption estimation (Homework)		Trainees
16 Feb, Thu			
9:30-12:00	Continuation with modeling end-use consumption in industry Discussion of the Homework		Ms. Lončarević/ APERC Trainees
12:00-13:00	*Lunch break*		
13:00-14:00	**9.1 Introduction to Joint Organisations Data Initiative (JODI)**		Mr. Sawamura
14:000-15:00	**Exercise:** Filling out the JODI Oil and JODI Gas questionnaires with November and December 2022 data		
15:30-16:00	**Evaluation of the short-term training course**		Trainees
16:00-16:30	**Discussion**		
16:30-17:00	**Awarding of certificates of the short-term training course**		Dr. Kazutomo Irie
17:00	**Group photo**		
17 Feb, Fri	**Departure from Tokyo**		

Speakers:

1. Dr. Kazutomo IRIE – President, APERC
2. Mr. Edito BARCELONA – Senior Research Fellow, ESTO/APERC
3. Ms. Elvira GELINDON – Research Fellow, ESTO/APERC
4. Mr. Nobuhiro SAWAMURA – Senior Researcher, ESTO/APERC
5. Mr. Nabih MATUSSIN – Researcher, APERC
6. Ms. Risa PANCHO – Researcher, ESTO/APERC
7. Ms. Alenka LONČAREVIĆ – Consultant