

**Draft Agenda**  
**Joint APEC-IEA Training Workshop on End-use Energy Consumption Data and Energy Efficiency Indicators-Part 2**  
**(20<sup>th</sup> APEC Workshop on Energy Statistics)**

15-17 November 2022 (Online)

*Theme: Importance of energy efficiency indicators for energy policy analysis*

**Following the 3-day workshop conducted in June 2021, APERC and IEA will conduct Part 2 of the energy efficiency indicator. The workshop aims to establish a common methodology for constructing a basic set of energy efficiency indicators for APEC economies. The workshop generally intends to help member economies in estimating end-use energy consumption using the results from energy consumption surveys or some assumptions in the absence of surveys. The workshop also aims to establish a firm plan on the sources of activity data.**

**A consultant is engaged in this workshop to help achieve the objectives.**

**Day 1 – (16:30-21:00 Tokyo Time)**

**Opening session (16:30-17:20)**

To be moderated by **Mr. Edito BARCELONA, Head ESTO**. Day 1 starts with the registration, opening ceremonies from both Japan and IEA sides and online photo session.

16:30-17:00	30 min	Registration and test run
17:00	5 min	Opening Remarks, <b>Dr. Irie Kazutomo</b> , APERC President
17:05	5 min	Welcome Remarks, <b>Ms. Eda Reiko</b> , Director, International Affairs Division, METI
17:10	5 min	Opening Remarks, <b>Dr. Nick Johnstone</b> , Chief Statistician, IEA
17:15	5 min	Online Photo Session

**Session 1a: A review: The need to enhance data for energy efficiency indicators (17:20-18:30)**

To be moderated by **Dr. Roberta Quadrelli, Head of Data and Indicators for Energy Transitions at IEA**. This session will provide a review of the importance of energy efficiency indicators. It also includes review of what took place during the 19<sup>th</sup> Workshop or Part 1 of EEI indicator workshop. Ice breaker/Hands-on exercises will be given to boost the participants' interest.

EGEEC will also deliver a presentation on the importance of collaboration between expert's groups.

Everyone is encouraged to join the exercises and the Q&A. The member will have the time to work on their own and reconnect for the discussion.

17:20-17:30	10 min	<b>1) APERC presentation</b>
		<ul style="list-style-type: none"> <li>Highlights of the 19<sup>th</sup> APEC Workshop <b>Mr. Nobuhiro Sawamura, Senior Researcher, APERC</b></li> </ul>
17:30-17:40	10 min	<ul style="list-style-type: none"> <li>Energy consumption trends and energy efficiency indicators in APEC <b>Ms. Elvira Torres Gelindon, Research Fellow, APERC</b></li> </ul>
17:40-17:50	10 min	<b>2) IEA Presentation</b>
		<ul style="list-style-type: none"> <li>End-use data and energy efficiency indicators: IEA's perspective <b>Mr Domenico Lattanzio, Team lead – Energy efficiency indicators, IEA</b></li> </ul>

17:50-18:00	10 min	<b>3) EGEEC Presentation</b> <i>Mr. Ek-chin VY, EGEEC Chair</i>
18:00-18:20	20 min	<b>4) Icebreaker (APERC/IEA)</b> <ul style="list-style-type: none"> <li>What data for energy efficiency indicators?</li> </ul>
18:20-18:30	10 min	<b>5) Result of the Pre-workshop survey</b> <i>Ms. Risa Pancho, Researcher, APERC</i>
<b>Session 1b: Consultant's report on the APERC-IEA energy efficiency indicators and end-use energy consumption data project (A joint APEC-IEA project) (18:30-21:00)</b> <i>To be moderated by Ms. Elvira GELINDON The following starts with reporting of the consultant then economy presentations highlighting the respective economy's experience in conducting surveys and how the result helped them in formulating energy efficiency policies.</i>		
18:30-19:15	45 min	<b>6) Short review and assessment of the regional situation on data collection and development of indicators by sector and by economy</b> <ul style="list-style-type: none"> <li>Assessment of the current data use for EEL calculation in 13 Non-OECD APEC economies, gap analysis, and identified additional official national data sources that can serve for the improvements and calculation of the first levels of indicators as presented by IEA's sectoral pyramidal approaches.</li> </ul> <i>Ms. Alenka Kinderman Lončarević, Consultant</i>
19:15-19:35	20 min	<b>Q&amp;A</b>
19:35-19:40	5 min	<b>break</b>
19:40-20:40		<b>7) Economy presentations</b> <ul style="list-style-type: none"> <li>Economy presentation will show efforts in improving data collection for indicators and how these energy indicators help in developing energy efficiency policies (e.g MEPS, fuel economy, etc) <ul style="list-style-type: none"> <li><b>Energy Transition Policies and Tracking Energy Efficiency Indicators</b> Ms Chih-ching YANG, : Associate Research Fellow, TRI</li> <li><b>Energy Efficiency indicators collection in transport sector</b> Ms Narumon Intharak, Chief, Energy Information Development Group</li> <li><b>Estimating end-use energy consumption in household sector</b> Dr Charles Ian Mead, Director, Office of Energy Demand and Integrated Statistics</li> </ul> </li> </ul>
20:40-21:00	20 min	<b>Q&amp;A and wrap-up</b>

**Day 2 – 17:00-21:00 (Tokyo time)**

**Session 2a: Consultant's report on energy efficiency indicators and data project (17:00-19:00)**

*To be moderated by Mr. Domenico Lattanzio, IEA. Continuation of consultant reporting, with hands-on exercises*

17:00-17:15	15 min	<b>1) Tracking energy efficiency indicators in Household</b> <i>Dr. Thomas Elghozi, Energy efficiency data officer, IEA</i>
17:15-18:00	45 min	<b>2) Presentation on data collection methods and modeling</b> <ul style="list-style-type: none"> <li>A short review of the most common methods by sectors used for data collection and modeling energy efficiency indicators, presentation of the concepts for modeling end-use consumption (<b>Household sector</b>)</li> </ul> <i>Ms. Lončarević, Consultant</i>

18:00-18:30	30 min	<b>Hands-on exercises</b>
18:30-19:00	30 min	<b>Q&amp;A</b>
<b>Session 2b: Consultant's report on energy efficiency indicators and data project (19:00-21:00)</b> <i>To be moderated by <b>Mr. Barcelona</b></i>		
19:00-19:10	10 min	<b>3) Tracking energy efficiency in services</b> <b>Mr. Jungyu Park, Energy efficiency data officer, IEA</b>
19:10-19:55	45 min	<b>4) Presentation on data collection methods and modeling</b> <ul style="list-style-type: none"> <li>A short review of the most common methods by sectors used for data collection and modeling energy efficiency indicators, presentation of the concepts for modeling end-use consumption (<b>Services/Commercial sector</b>)</li> </ul> <b>Ms. Lončarević, Consultant</b>
19:55-20:25	30 min	<b>Hands-on exercises and</b>
20:25-20:30	5 min	<b>Break</b>
20:30 - 21:00	30 min	<b>Q&amp;A and wrap-up</b>

<b>Day 3 – 17:00-21:00 (Tokyo time)</b>		
<b>Session 2c: Continuation of Consultant's report on energy efficiency indicators and data project (17:00-20:00)</b> <i>To be moderated by <b>Mr. Lattanzio, IEA</b></i>		
17:00-17:10	10 min	<b>1) Tracking energy efficiency indicator in transport</b> <b>Mr. Alexandre Bizeul, Energy transitions data manager, IEA</b>
17:10-17:55	45 min	<b>2) Presentation on data collection methods and modeling</b> <ul style="list-style-type: none"> <li>A short review of the most common methods by sectors used for data collection and modeling energy efficiency indicators, presentation of the concepts for modeling end-use consumption (<b>Transport sector</b>)</li> </ul> <b>Ms. Lončarević, Consultant</b>
17:55-18:25	30 min	<b>Hands-on exercises and</b>
18:25-18:30	5 min	<b>break</b>
18:30-18:40	10 min	<b>3) Tracking energy efficiency indicator in industry</b> <b>Dr. Elghozi, IEA</b>
18:40-19:25	45 min	<b>4) Presentation on data collection methods and modeling</b> <ul style="list-style-type: none"> <li>A short review of the most common methods by sectors used for data collection and modeling energy efficiency indicators, presentation of the concepts for modeling end-use consumption (<b>Industry sector</b>)</li> </ul> <b>Ms. Lončarević, Consultant</b>
19:25-19:50	25 min	<b>Hands-on exercises</b>
20:00	10 min	<b>Q&amp;A</b>

Session 3: Data collection practices of IEA members (20:00-21:00)		
To be jointly moderated by <i>Mr. Barcelona and Dr. Quadrelli</i>		
20:00-20:10	10 min	<b>5) The role of international collaborations on energy efficiency</b> <ul style="list-style-type: none"> <li>IEA's activities</li> </ul> <b>Mr Lattanzio, IEA</b>
20:10-20:20	10 min	<b>6) IEA's National roadmap for demand-side data collection and development of energy efficiency indicators</b> <b>Dr. Mafalda Coelho da Silva, consultant, INEGI Portugal</b>
20:20-20:50	30 min	<b>Roundtable discussion to be led by Mr. Edito BARCELONA, Head EGEDA Secretariat</b> <ul style="list-style-type: none"> <li>Assessment of the methodology: is it doable?</li> <li>What are the major data gaps? (need for surveys? use Administrative data)</li> <li>Can the members fill-out the template on their own?</li> <li>Other concerns</li> </ul>
20:50-20:55	5 min	Closing remarks: <b>Dr. Roberta Quadrelli, IEA</b>
20:55-21:00	5 min	Wrap-up and closing remarks, <b>Mr. Edito BARCELONA, Head, EGEDA Secretariat</b>

### Time zone guide

The time of the workshop is from 17:00PM-21:00PM, Tokyo time. A total of ten time zones cover all the cities of APEC economies and IEA. Below are the equivalent times of the meeting.

Cities	GMT	Time (GMT)
Wellington	GMT+13	21:00PM-01:00AM
Canberra	GMT+11	19:00PM-23:00PM
Port Moresby	GMT+10	18:00PM-22:00PM
Seoul/Tokyo	GMT+9	<b>17:00PM 21:00PM</b>
Singapore/Beijing/Taipei/Kuala Lumpur/Manila/Hong Kong/Bandar Seri Begawan	GMT+8	16:00PM-20:00PM
Bangkok/Jakarta/Hanoi	GMT+7	15:00PM-19:00PM
Moscow	GMT+3	11:00AM-15:00PM
Ottawa/Washington DC	GMT-4	4:00AM-8:00AM
Santiago	GMT-3	5:00AM-9:00AM
Mexico City	GMT-6	2:00AM-6:00AM
Lima Peru	GMT-5	3:00AM-7:00AM
Paris (IEA)	GMT+1	9:00am-12:00pm