



## Workshop on Energy Statistics, Balances and Accounts for Informed Energy and Climate Policies. 10-12 December 2024, Ankara, Türkiye

Day 1: Tuesday, 10 December 2024	
8:30 – 9:00	<b>Registration</b>
9:00 – 9:20	<b>Opening</b> <ul style="list-style-type: none"> <li>- SESRIC</li> <li>- UNSD</li> <li>- ESCWA</li> <li>- AITRS</li> <li>- IEA</li> </ul>
9:20-9:30	<b>Family photo</b>
9:30 – 11:00	<b>Session 1: Getting to know users and uses of energy information (Wafa Aboul Hosn, ESCWA)</b> <ul style="list-style-type: none"> <li>- Interactive session – ice breaker on <ul style="list-style-type: none"> <li>o Identification of users and uses</li> <li>o Regional perspectives on energy information</li> <li>o Existing policies in participating countries</li> </ul> </li> <li>- Energy statistics, balances and accounts for informed energy and climate policies and SDGs (<b>Leonardo Souza, UNSD</b>)</li> </ul>
11:00 – 11:15	<b>Break</b>
11:15 – 12:30	<b>Session 2: Institutional arrangements (Leonardo Souza, UNSD)</b> <b>Compiling an inventory of current data sources:</b> <ul style="list-style-type: none"> <li>- Current status of energy data in the ESCWA region (<b>Wafa Aboul Hosn, ESCWA</b>)</li> <li>- Surveys (economic, household and other surveys)</li> <li>- Administrative data (electricity, customs)</li> <li>- Reports of companies (importers and distributors)</li> </ul> <b>Identifying gaps and exploring additional possible sources:</b> <ul style="list-style-type: none"> <li>- Compiling an inventory of data sources</li> <li>- Expanding existing surveys to cover data gaps, if applicable</li> <li>- Linking economic data (taxes, business registers for cross checking)</li> </ul> <b>Establishment of a working group:</b> <ul style="list-style-type: none"> <li>- Identification of a lead agency</li> <li>- Formal and informal arrangements</li> </ul> <b>Resources:</b> <ul style="list-style-type: none"> <li>- Designing an Energy Statistics Roadmap (<b>Alexandre Bizeul, Taylor Morrison, IEA</b>)</li> </ul>
12:30 – 14:00	<b>Lunch</b>

<b>14:00 – 15:30</b>	<b>Session 3: International methodology in energy statistics (from the <i>International Recommendations for Energy Statistics - IRES</i>) (Leonardo Souza, UNSD)</b> <ul style="list-style-type: none"> <li>- Basic concepts in energy statistics: products and flows; scope of energy statistics; supply, energy industries, final consumption; units and calorific values; primary and secondary energy; renewable and non-renewable energy</li> <li>- Standard International Energy Product Classification (SIEC)</li> <li>- Fossil fuels: Coal, Oil, Gas</li> <li>- Biofuels and wastes: solid and liquid biofuels, biogas, wastes</li> <li>- Electricity and heat</li> <li>- Exercises</li> </ul>
<b>15:30 – 15:45</b>	<b>Break</b>
<b>15:45—16:15</b>	<b>Session 3: International methodology in energy statistics, continued (Leonardo Souza, UNSD)</b> <ul style="list-style-type: none"> <li>- Exercises</li> </ul>
<b>16:30 – 18:30</b>	<b>Side event – Panel discussion on “The Role of National Statistical Offices in Supporting Data-Driven Energy Transitions”</b> <ul style="list-style-type: none"> <li>- Panel discussion</li> <li>- Audience Q&amp;A and interactive discussions</li> <li>- Networking and refreshments (17:45-18:30)</li> </ul>
<b>Day 2: Wednesday, 11 December 2024</b>	
<b>9:00 – 9:30</b>	<b>Recap of Day 1 (Leonardo Souza, UNSD)</b> <ul style="list-style-type: none"> <li>- Quick recap, review outstanding questions, share takeaways</li> </ul>
<b>9:30 – 10:30</b>	<b>Session 4: Energy Balances (Alexandre Bizeul, Taylor Morrison, IEA)</b> <ul style="list-style-type: none"> <li>- Principles and motivation</li> <li>- Importance of conversion factors/calorific values</li> <li>- Policy uses</li> <li>- Exercise</li> </ul>
<b>10:30 – 10:45</b>	<b>Break</b>
<b>10:45 – 11:45</b>	<b>Session 4: Energy Balances, continued (Alexandre Bizeul, Taylor Morrison, IEA)</b> <ul style="list-style-type: none"> <li>- Exercise</li> </ul>
<b>11:45 – 12:30</b>	<b>Session 5: System of Environmental and Economic Accounts (SEEA) – Central Framework (Jessica Ying Chan, UNSD)</b> <ul style="list-style-type: none"> <li>- Conceptual framework</li> <li>- Types of accounts and scope</li> <li>- Policy uses</li> </ul>
<b>12:30 – 14:00</b>	<b>Lunch</b>

<b>14:00 – 15:30</b>	<b>Session 6: SEEA-Energy Accounts</b> <b>(Jessica Ying Chan, UNSD)</b> <ul style="list-style-type: none"> <li>- Flow and asset accounts, with a focus on physical accounts</li> <li>- Physical energy flow accounts questionnaire</li> <li>- Exercise on physical energy flow accounts</li> </ul>
<b>15:30 – 15:45</b>	<b>Break</b>
<b>15:45 – 16:15</b>	<b>Session 6: SEEA-Energy Accounts, continued</b> <b>(Jessica Ying Chan, UNSD)</b> <ul style="list-style-type: none"> <li>- Exercise on physical energy flow accounts</li> </ul>
<b>16:15 – 17:00</b>	<b>Session 7: Country Presentations</b> <b>(Wafa Aboul Hosn, ESCWA)</b> <ul style="list-style-type: none"> <li>- Azerbaijan, Türkiye</li> </ul>
<b>Day 3: Thursday, 12 December 2024</b>	
<b>9:00 – 9:30</b>	<b>Recap of Day 2</b> <b>(Alexandre Bizeul, Taylor Morrison, IEA)</b> <ul style="list-style-type: none"> <li>- Quick recap, review outstanding questions, share takeaways</li> </ul>
<b>9:30 – 10:30</b>	<b>Session 8: Going from energy balances to accounts</b> <b>(Jessica Ying Chan, UNSD)</b> <ul style="list-style-type: none"> <li>- Differences in scope, concepts and definitions</li> <li>- Available tools</li> </ul>
<b>10:30 – 10:45</b>	<b>Break</b>
<b>10:45 – 11:45</b>	<b>Session 9: Uses of energy statistics in calculation of greenhouse gases emissions</b> <b>(Alexandre Bizeul, Taylor Morrison, IEA)</b> <ul style="list-style-type: none"> <li>- IPCC greenhouse gas inventories and the links to energy balances</li> </ul>
<b>11:45 – 12:30</b>	<b>Session 10: Country Presentations</b> <ul style="list-style-type: none"> <li>- Algeria, State of Palestine, Tunisia</li> </ul>
<b>12:30 – 14:00</b>	<b>Lunch</b>
<b>14:00 – 15:30</b>	<b>Session 8: Exercises on energy balances to accounts, continued</b> <b>(Jessica Ying Chan, Leonardo Souza UNSD)</b> <ul style="list-style-type: none"> <li>- Exercises by groups of fuels according to IRES (from real cases of going from energy statistics to balances and accounts)</li> </ul>
<b>15:30 – 15:45</b>	<b>Break</b>
<b>15:45 – 16:30</b>	<b>Closing and distribution of certificates</b> <ul style="list-style-type: none"> <li>- SESRIC</li> <li>- UNSD</li> <li>- ESCWA</li> <li>- AITRS</li> <li>- IEA</li> </ul>