Training and Capacity Building cooperation update

Axelle Julin, Training and Capacity Building Programme Co-ordinator
InterEnerStat, Paris, 2nd October 2018
Partnering to develop regional courses

- InterEnerStat meeting in 2015 agreed that partners should work together to further enhance cooperation on training

- Purpose: increase the capacity of energy statisticians in a region, by holding training events there to reach more statisticians, and work in partnership with other organisations

- Also offers a good opportunity for energy statisticians to network

- Examples in 2018:
  - 5-day Joint IEA for EU4Energy Training Week with JODI Regional Training Workshop (Odessa, March)
    - Focus on broadening policy-makers and statisticians’ knowledge of data needs for energy security policy, including stock reporting alongside enhancing JODI-Oil & JODI-Gas submissions.
  - 3-day Central Asia Renewable Energy Statistics Training with IRENA (Abu Dhabi, September)
    - Focus on renewables – data collection, dissemination, Needs Assessment and Data Audit
Collaboration with other organisations

Since 2015 together we have co-organised more than 20 events alongside the IEA led ones.
## Joint Energy Statistics Training Calendar

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Workshop/ Training Title</th>
<th>Organisation</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 2018</td>
<td>20 August - 12 October 2018</td>
<td>EGEDA Training Program on Energy Statistics (Medium-term internship course)</td>
<td>Asia-Pacific Economic Cooperation- APEC</td>
</tr>
<tr>
<td></td>
<td>20-31 August 2018</td>
<td>EGEDA Training Program on Energy Statistics (Short-term course)</td>
<td>Asia-Pacific Economic Cooperation- APEC</td>
</tr>
<tr>
<td></td>
<td>8-12 October 2018</td>
<td>16th Energy Statistics Course</td>
<td>International Energy Agency</td>
</tr>
<tr>
<td></td>
<td>12 November 2018</td>
<td>Energy Statistics - Balance Builder and Shares Tool</td>
<td>European Commission - Eurostat</td>
</tr>
<tr>
<td></td>
<td>November (tbc)</td>
<td>IRENA West Africa Renewable Energy Statistics Training</td>
<td>International Renewable Energy Agency</td>
</tr>
<tr>
<td>March 2019</td>
<td>5-7 March 2019 (tbc)</td>
<td>IEAforEU4Energy Statistics Training for Policy Tracking</td>
<td>International Energy Agency</td>
</tr>
</tbody>
</table>

- Work on improved planning of training taken forward by IRENA and the IEA
- First template filled in June 2018
- A new joint energy statistics training calendar every quarter
- Will allow all InterEnerStat organisations to better coordinate on training
Benefits of training

- Communicating importance of good quality data
- Raising the profile of energy statisticians with policy-makers
- Getting new data
- Reaching new countries and meeting future focal points
- Allowing people from different institutions to meet and start working together
- Establishing a personal quality relationship, so IEA becomes more priority in country agenda
- Creating space for side meetings to discuss in depth specific issues
Impact of training after 1-2 years

• Purpose: to measure the impact of training and to evaluate whether the practices that were shared are still providing useful.

• Some key elements from the participants’ feedback in statistics training:
  - 28% are using information learned during the training on a daily basis and 66% at least once a month
  - 97% referred to the materials given at the training.
  - 87% shared knowledges and skills acquired during the course to their colleagues
  - 83% recommended our statistics training courses to their colleagues
  - On those who stayed in contact with other participants, it brought some extra value to their work for 88% of them

“The course is great. It is such a great opportunity to see the global scale of energy production and use and how different, but similar, colleagues from many different countries are. Thank you again.”

Feedback from one participant to the Energy Statistics Course
## Online Training: The IEA Online School Program Outreach

<table>
<thead>
<tr>
<th>Module</th>
<th>Online Video</th>
<th>Content</th>
<th>YouTube viewers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data reporting</td>
<td>Coal</td>
<td>Primarily for our contacts to be trained in how to use the Joint Questionnaires.</td>
<td>350</td>
</tr>
<tr>
<td></td>
<td>Oil</td>
<td></td>
<td>388</td>
</tr>
<tr>
<td></td>
<td>Gas</td>
<td></td>
<td>434</td>
</tr>
<tr>
<td></td>
<td>Electricity and heat</td>
<td></td>
<td>312</td>
</tr>
<tr>
<td></td>
<td>Renewables</td>
<td></td>
<td>306</td>
</tr>
<tr>
<td>Data analysis</td>
<td>Energy balances</td>
<td>Dedicated to energy analysts.</td>
<td>1,230</td>
</tr>
<tr>
<td></td>
<td>CO2</td>
<td></td>
<td>302</td>
</tr>
<tr>
<td></td>
<td>Energy efficiency</td>
<td></td>
<td>1,115</td>
</tr>
<tr>
<td>Prices</td>
<td>Energy prices and taxes</td>
<td>Both on data collection and analysis of data.</td>
<td>1,229</td>
</tr>
<tr>
<td>Toolkit</td>
<td>What is the difference between primary and secondary energy?</td>
<td></td>
<td>1,110</td>
</tr>
</tbody>
</table>

To date 6,700 people and more than 1,100 people respectively have watched the stats videos and First Toolkit video released.
Online Training: Plan for 2018/2019

- Translate 10 online statistics videos in 5 other languages:
  - Chinese: released in May 2018
  - French & Spanish: to be available by the end of the year
  - Arabic & Russian: to be available during the first semester of 2019

- Create an evaluation and a certificate for online videos

- Work on 4 online videos related to energy modelling (Fundamentals, focus on buildings basic demand modelling, focus on power sector and focus on industry sector)

- Develop more Toolkit videos:
  - Calorific values – What is a TOE?
  - What is an energy balance?
  - What is the difference between TPES and TFC?
IEA Online Statistics Videos in Chinese

Key elements:
- Available on IEA YouTube and Youku channels
- Present on NBS intranet
- More than 1300 viewers in the first quarter after its release

IEA Webinar: Coal Statistics (Chinese)
30 views
Internal training: the IEAcademy

- **Purpose:** to share knowledge about the full range of work the agency does with all members of the Agency.

- **Some key elements:**
  - 33 IEAcademy sessions organised in 2017
  - 95% of our colleagues declared to be satisfied by the IEAcademy and stated it will help them in their work.

  - Various topics such as:
    - Presentations of new publications (Oil Market Report, World Energy Outlook...),
    - Newest developments in our member countries,
    - Technical courses (R programming, Inquiry training),
    - Global overview of energy security, energy modelling, energy efficiency and;
    - Of course presentation on how data are collected in the IEA
The IEA has trained 938 statisticians worldwide.
Energy Statistics Course: Purpose and Program

- Run bi-annually at the IEA headquarters

- Dedicated to:
  - Our country contacts
  - Statisticians in central government and government agencies

- Aims at offering IEA methodology and tools for collecting and organising national-level energy data by fuels and to help developing comprehensive national energy balances through a different range of topics.

- Next sessions:
  - **8-12 October 2018** – Registration closed
  - **11 – 15 March 2019** – Registration to open in December