JODI Capacity Building in APEC

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Outline

- Objective of capacity building
- APEC energy statistics training program
- Prospective trainees
- Training agenda
- Way forward
Purpose of the training

- Energy statisticians come and go
  - Usually, the new employees are assigned energy statistics work
  - After gaining experience, these “statisticians” look for more “challenging” or better-paying jobs
  - Continuity and contacts are usually lost
  - New statisticians are hired as replacements

- Member economies use different definitions with or have different understanding of, harmonized international definitions

- Hence, the need to continuously provide trainings
APEC had been giving capacity building on energy statistics since 2005
  - Implemented by the secretariat of APEC expert group on energy data and analysis (EGEDA) with the support of the government of Japan
The training was institutionalized in 2014 when the 10-year EGEDA training program was started by the secretariat
  - To be implemented for 10 years until 2023
  - Consists of a 2-weeks course (short-term) and an 8-weeks course (medium-term)
  - The 2-weeks course was a classroom type training with lectures and practical exercises
  - The 8-weeks course in a form on internship at the EGEDA secretariat
Prospective trainees

- Energy statisticians in APEC member economies focusing on economies that are not IEA members
  - Short-term course is offered to beginners
  - Medium-term course is offered to statisticians having experience of at least one year
Training agenda

- Definition of energy products and flows
- Units and conversion of units
- JODI Oil and JODI Gas
- Building energy balances
- Using energy data
  - Energy indicator analysis
  - Calculating environmental emissions from energy use
  - Demand and supply analysis
  - Energy security analysis
- Conducting energy surveys
Way forward

- The training courses will continue until 2023
- The materials will be improved continuously to catch up with developments in the energy sector
- Hopefully, the people we trained become trainers in their countries/economies
- JODI will always be part of the training agenda
Responding to key questions

- Improving data availability and quality in emerging economies
- Establishment of institutional and legal frameworks
- Advantages of different data collection activities
- Improving materials for data suppliers and data users
- JODI cooperation to benefit the academia
- What can national administration learn from commercial entities who gather and compile energy data
Thank you for your kind attention!

https://aperc.ieej.or.jp/
Confusion in Definitions

- Confusion on “lease condensate” and “condensates”
- In gas separation, it is commonly understood that liquids separated from the gas are NGLs
- Lease condensates are supposed to be included in Crude Oil/Condensates