System of Environmental Economic Accounting

Energy accounts global database

12th UNCEEA meeting
New York, USA

Mandate and approach

- 11th UNCEEA

  > *Reiterated the importance of developing international SEEA-based datasets based on existing global datasets and established international cooperation arrangements*

  > *Suggested that economy-wide material flows, <u>energy</u> and air emissions accounts be given priority along with water and land accounts to provide the appropriate balance of relevance to developed and developing countries alike*

- 48th UNSC

  > *(c) Requested that the Committee of Experts continue its work on the development of SEEA-compliant databases that include the Sustainable Development Goal indicators, with international organizations developing estimates in consultation with countries and only publishing results with countries' consent;*

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Mandate and approach

- Small group formed to oversee the work on energy
  - > *UNSD (Energy and Env. Accounts groups), OECD, IEA, Eurostat*
  - > *Institutional support from each agency*
  - > *Feasibility study*
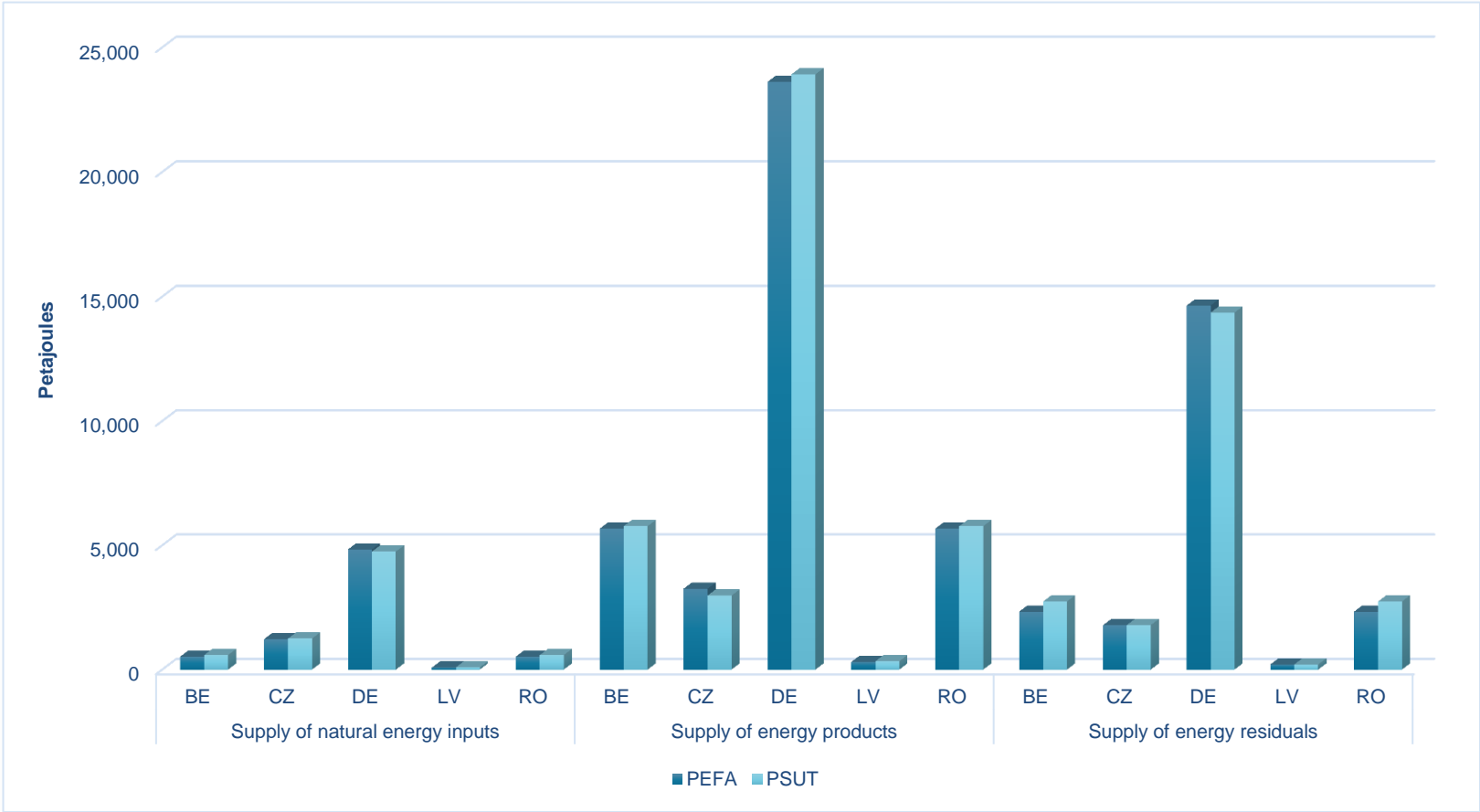 - > *Work closely with the SMDX group*

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Work done thus far

- Feasibility study

- Focus is on compiling supply and use tables in physical terms as laid out in the SEEA Technical Note on Energy

- Assessment report

- Roadmap on using available international datasets (energy statistics and balances)

- Examples of generating accounts from available data

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Roadmap

- Focus is on using already available data (in particular IEA energy balances) to compile the accounts

- SIEC is the product classification used in both the balances and the accounts

- Most of the data needed to populate the PSUT are available in the energy balances

- Auxiliary information need to ensure alignment with accounting concepts (some examples)
  - ➤ Road transport (distribution to sectors of the economy)
  - ➤ Transport (as it relates to the residency principles)
  - ➤ Statistical difference

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Roadmap-comparison with already compiled accounts

Next steps

- Finalizing the various reports

- Continuing the work with the SDMX Group

- Testing with countries

- Scaling up to a global database

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THANK YOU

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