

# SEEA-2003 REVISION

LG/11/6

## Issues for Chapters 3 and 4

LONDON GROUP  
ON ENVIRONMENTAL AND ECONOMIC ACCOUNTING  
26-30 MARCH 2007  
JOHANNESBURG



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Environment Accounts and Statistics Division

Division des comptes et de la statistique de l'environnement



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## Ch. 3 Issues identified by the London Group:

- 1. Elaboration of possible differences between Material Flow Accounts and National Accounts.
  - a. Should bridge tables be advocated?
  
- 2. Should a single indicator of economy-wide MFA be developed or recommended?
  - a. Should standard methods of aggregation be advocated for the assessment of environmental impact?



## **Ch. 4 Issues identified by the London Group:**

- 3. Harmonisation of concepts and definitions used in waste accounts
  - a. Development of standardised waste tables
  
- 4. Research into the links between Material Flow Accounts and waste accounts



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## Energy Issues identified by the London Group:

- 5. Consistency between energy statistics and energy accounts
  - a. Residency principle
  - b. Treatment of mobile energy uses
  - c. Recommendation of bridge tables to link energy statistics and energy accounts
  
- 6. Advocate standard bridge tables to show differences between Kyoto Protocol (IPCC methodology) and energy/emissions accounts (SNA concepts)
  
- 7. Specific treatment of renewable energy sources



## Results of small survey:

- Feedback on these issues was received from Aldo Femia, Julie Hass, Sjoerd Schenau, and Ole Gravgård Pedersen (kind thanks!)
- In addition, a few further issues were suggested (to follow...)



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## **Short list of issues based on expert feedback:**

- The following issues were identified (with consensus) as
  - A. Important to resolve for the standardised SEEA
  - B. Capable of being resolved within the SEEA revision timeframe, and
  - C. Being worked on, or identified with resources willing to resolve the issue
  
- 1. Elaboration of possible differences between Material Flow Accounts and National Accounts. (timeframe may be an issue)
  
- 3. Harmonisation of concepts and definitions used in waste accounts
- 3a. Development of standardised waste tables
  
- 5. Consistency between energy statistics and energy accounts
- 5a. Residency principle
- 5b. Treatment of mobile energy uses
- 5c. Recommendation of bridge tables to link energy statistics and accounts



## Other issues based on expert feedback:

- The following issues were identified (without consensus) as
  - A. Important to resolve for the standardised SEEA
  - B. **Not** capable of being resolved within the SEEA revision timeframe, and/or
  - C. **Not** being worked on, nor identified with resources willing to resolve the issue
  
- 1a. Should bridge tables (between MFA and SNA) be advocated?
  
- 6. Advocate standard bridge tables to show differences between Kyoto Protocol (IPCC methodology) and energy/emissions accounts (SNA concepts)



## Other issues based on expert feedback:

- The following issues were identified (with consensus) as
  - A. Not important to resolve for the standardised SEEA
  
- 2. Should a single indicator of economy-wide MFA be developed or recommended?
  
- 4. Research into the links between Material Flow Accounts and waste accounts
  
- 7. Specific treatment of renewable energy sources





## New Issues identified by the London Group:

- The following issues were newly identified for discussion:
  
- 8. Related to "4" above, should waste be treated separately from other material flows? (initial feedback suggests "no")
  
- 9. Should a more precise parallelism between core NA aggregates (SUTs) and MFA aggregates (PSUTs) be developed? (In place of "1a" above)
  
- 10. Should bridge tables between EW-MFA aggregates and SEEA-like PSUTs be developed? (In addition to the other questions related to ch. 3)
  
- 11. Development of indicators



## In summary:

- As a starting point for discussion the following issues should be considered seriously for the upcoming revision process:
  
- 1. Elaboration of possible differences between Material Flow Accounts and National Accounts
- 3. Harmonisation of concepts and definitions used in waste accounts
- 3a. Development of standardised waste tables
- 5. Consistency between energy statistics and energy accounts
- 5a. Residency principle
- 5b. Treatment of mobile energy uses
- 5c. Recommendation of bridge tables to link energy statistics and accounts
- 8. Should waste be treated separately from other material flows? (initial feedback suggests “no”)
- 9. Should a more precise parallelism between core NA aggregates (SUTs) and MFA aggregates (PSUTs) be developed?
- 10. Should bridge tables between EW-MFA aggregates and SEEA-like PSUTs be developed? (In addition to the other questions related to ch. 3)
- 11. Development of indicators



## Conclusion

- Energy accounts and statistics feature heavily in the list of issues. There will be presentations on this in detail in this session
- Coherence between the SEEA and other existing Material Flow work is also of paramount importance. This topic will also be presented in this session.
- Please consider the issues so far identified as a starting point for discussion and clarification.
- Comments? Questions?



# Contacts

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