

# Oslo Group on Energy Statistics

The work of the Oslo Group and  
the need for cooperation and harmonization

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# The main objective of the Oslo Group:

- The main objective for the Oslo Group on Energy Statistics is to build a multipurpose and coherent system for Official Energy Statistics to monitor the yearly supply and use of energy in a country, and to address all user needs.

# The work of the OCG in 2007

- 2nd OCG meeting in Delhi February 2007
  - Plan for the revision of the UN manuals on Energy Statistics
  - Building bridges/cooperation between manuals and statistical systems
- List of issues 2007
- Survey on official energy statistics by UNSD/OCG

# List of issues 2007

- Organized according to draft disposition for the revised manuals and the mandate for the Oslo Group
- 26 issues/chapters distributed amongst 13 countries/organisations (IAEA, IEA, IMF, UNSD)
- Results will be presented at the third meeting of the Oslo Group in Vienna in February 2008.
- A new list of issues for 2008 will be set up at the same meeting.

# The manual – history, framework etc.

- This is not part of the manual, but will give the framework for the manual, covering the questions on how it will be built up, and how it shall be made available to the users?
- A: Create a detailed disposition for the new manual – based on the proposal presented at the second meeting (Responsible: Secretariat)
- B: Propose how an electronic, searchable solution for the manual can be built. (Responsible: Statistics Norway)

# 0. Background, settings, borderlines and conceptual framework

- A: Introduction to the manual. Specifying the aim for the manual (Secretariat)
- B: History (UNSD)
- C/D: Principles/definitions. Energy terms, Statistical terms, stocks vs. assets etc. (Secretariat)
- E: Basic presentation of the Laws of thermodynamics (Sweden)

# 1. Official statistics

- Mandate: “*Define the scope of Official Energy Statistics*”.
- A: Survey on official energy statistics by UNSD/OCG
  - Status for official energy statistics in UN member countries
  - Over 100 countries responded – analysis/presentation by UNSD
  - Survey will be an important tool for the continued work of the OCG
- B: Are there specific requirements for official energy statistics? (Chair of the Oslo Group)

# 1. Official statistics (cont.)

- C: Data collection strategies (from production and use (for instance household consumption, energy in business surveys etc)) (India and Mexico)
- D: Quality and assurance (Canada)
- E: Dissemination. Principles, equal access, free (public good) (Ireland)
- F: Evaluation and monitoring methods and techniques (IMF)



## 2. Users' needs

- Mandate: “*Identify Users' needs*”
- A: Users' needs. Taking into account governmental use in energy planning, international standards for National Accounts and emissions to air, international organizations, SEEA etc. based on the idea of producing a multipurpose system for official energy statistics to address all user needs (Statistics Norway)

### 3. Basic energy statistics

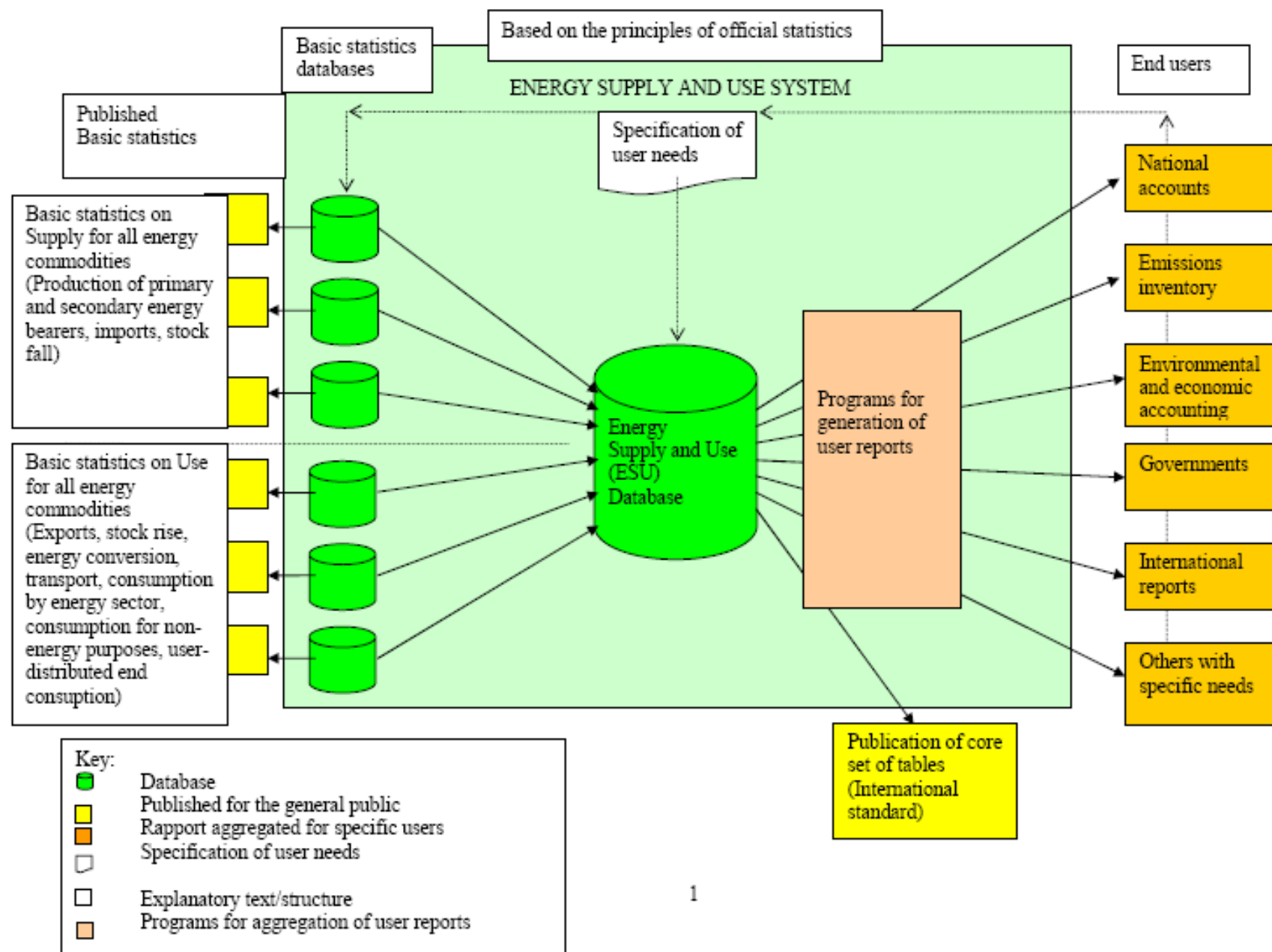
- Mandate: “*To identify gaps in coverage (e.g. fuel types, flows) and to develop methodology to cover gaps.*”
- A: Geothermal energy (IAEA and Sweden)
- B: Solar energy (IAEA)

### 3. Basic energy statistics (cont.)

- C: Wind energy (??)
- D: Biomass (Austria)
- E: Renewable and non-renewable energy (IAEA)
- F: Tracking (IAEA)

## 4. Energy Supply and Use

- Mandate: *“To adopt link or develop bridges to international standard concepts and classifications in economic/environmental statistics to facilitate the integration and interface of energy statistics with other statistical systems.”*
- The main objective for the Oslo Group on Energy Statistics is to build a multipurpose and coherent system for Official Energy Statistics to monitor the yearly supply and use of energy in a country, and to address all user needs.
- (Austria, Denmark, Norway, The Netherlands and IMF)



## 5. Development of a core set of tables

- Mandate: *“to recommend a core set of tables as minimum requirement at national and international level to satisfy major user needs”*.
- Must be based on the system for energy supply and use in part 4, and will hence come later.

## 6. Definitions, Conversion factors etc

- A: Go through list of definitions, conversion factors etc. to see where there are inconsistencies, and to propose solutions to these inconsistencies. (The Netherlands)
- B: Renewable and non-renewable energy (IAEA)
- C: Gross or net calorific values (IEA)

## 7. Best practices

- Mandate: “*Identify and collect national and international best practices*”
- A: Develop a “form” for description of best practices (Secretariat)
- B: Write best practices as chapters in the new manual (all members of OCG)



# The work of the OCG in 2008

- 3rd OCG meeting in Vienna 4-6 February 2008
  - Main focus on the revision of the UN manuals
  - Focus on the continued work in 2008 related to the revision
  - Focus on cooperation and harmonization with InterEnerStat, London Group, UNCEEA etc.
- Focus on collection of Best Practices
  - Template developed
  - Building of a Best Practice database accessible via Internet?
- Particularly difficult topics that needs extra focus:
  - How to measure energy consumption in transport in order to address all users' needs.
  - How to handle difference in definitions of “territory” by different users.
  - Propose a setup for ESU.

# Importance of cooperation and harmonization between InterEnerStat and Oslo Group

- Definitions – OCG is very interested in the work of the InterEnerStat and wishes to contribute to commonly agreed definitions and to use these in the UN manuals on Energy Statistics.
- Users' needs from the international organisations is important as input in development of specifications for ESU, in order to secure consistency and harmonization and that the organisations interests are taken care of.
- We aim for an open discussion on all elements of energy statistics between the InterEnerStat and the Oslo Group on Energy Statistics.
- Please visit us at the OCG website and discussion forum:  
[www.ssb.no/ocg](http://www.ssb.no/ocg)