International Recommendations for Energy Statistics (IRES): A progress report

Fourth Meeting of the UN Committee of Experts on Environmental-Economic Accounting
New York, 24-26 June 2009

United Nations Statistics Division
Outline

• What happened since the 3rd UNCEEA meeting

• Status of preparation of IRES

• Future activities
What happened since the 3rd UNCEEA meeting

May-June 2008 – 1st stage of the world wide consultation on the scope and outline of IRES

October 2008 – 3rd InterEnerStat Meeting dedicated to the discussion on harmonized definitions in energy statistics

December 2008 – International Workshop on Energy Statistics, jointly organized by UNSD, INEGI and SENER of Mexico
What happened since the 3rd UNCEEA meeting (2)

February 2009 – 4th Oslo Group Meeting to discuss drafts and preliminary outlines of IRES chapters

February 2009 – 40th Session of the UN Statistical Commission

May 2009 – Meeting of the Sub Group on Energy Balances of the Oslo Group organized by Statistics Norway to specifically discuss issues related to energy balances
Decisions of the 40 session of the UN Statistical Commission

- Welcomed the Secretary General report on the preparation of the revised and updated international recommendations for energy statistics and expressed its appreciation for the work accomplished so far by United Nations Statistics Division, the Oslo Group on Energy Statistics, the Inter-secretariat Working Group on Energy Statistics and other stakeholders;

- Endorsed the United Nations Statistics Division’s strategy to prepare the *International Recommendations for Energy Statistics* (IRES) and suggested that the preparation of the recommendations be considered as a matter of high priority;
Emphasized that the revised recommendations should provide a firm foundation for the long-term development of official energy statistics based on the Fundamental Principles of Official Statistics and contain the necessary guidance on the underlying concepts, definition and classifications as well as on data compilation and data dissemination in the context of an integrated approach to economic statistics;

➢ The Statistics Division will coordinate the revision process, conduct a worldwide consultation, consolidate and edit inputs into the successive versions of the draft IRES and submit the final draft of IRES to the Commission;

➢ The Oslo Group and the InterEnerStat will continue to act as the key content providers to IRES and ESCM in accordance with the mandates given to them by the Commission.
At the 4th Oslo Group meeting the following was discussed:

| Preliminary drafts | 1. Introduction  
|                   | 4. Measurement units  
|                   | 6. Statistical units and data items  
|                   | 9. Data quality  
|                   | 10. Dissemination  
| Annotated outlines | 2. Scope of energy statistics  
|                   | 3. Standard International Energy Classification (SIEC)  
|                   | 5. Flows, Stocks and related concepts  
|                   | 7. Data sources and compilation strategies  
|                   | 8. Energy balances  
|                   | 11. Use of energy stat. for energy accounts and other statistics |
Issues discussed at the 4th Oslo Group meeting (1)

**Issue 3.1 Scope and classification scheme of SIEC**
SIEC will focus on products

**Issue 3.4 Scope of nuclear fuel in IRES**
The scope of nuclear fuels will be limited to the heat generated by nuclear processes

**Issue 4.1 Harmonized physical measurement units and conversion factors**
Consensus seemed to emerged on a list of measurement units for dissemination. Default conversion factors still to be resolved
Issues discussed at the 4th Oslo Group meeting (2)

Issue 5.1. Autoproducers of energy: definition and classification
   It is important to record secondary and ancillary activity of energy production

Issue 5.2 Micro power plants cut-off points
   Agreed that no recommendation can be provided on this as it depends on country practices and data collection systems

Issue 6.1 Statistical units and data items
   Still under discussion. Discussion took place over whether the recommended statistical units should be an establishment or an enterprise.
   List of data items is still under discussion and linked to the scope of IRES
Issues discussed at the 4th Oslo Group meeting (3)

Issue 7.1 Temperature adjustment of energy consumption
Agreed that it will not be covered in IRES, but in the ESCM

Issue 3.2 and 3.3 definition and classification of renewable/non-renewable energy sources and primary/secondary energy
Still outstanding (pending also the conclusions of InterEnerStat)
Examples of other issues raised

The scope of IRES:

- Resources/reserves. The Oslo Group agreed that resources/reserves would not be within the scope of IRES, but links between reserves/resources and production will be explained.

- Price statistics. The Oslo Group in general agreed that energy prices should be covered in IRES. An issue paper will be prepared to describe the conceptual and practical issues in the collection, compilation and dissemination of price statistics.

- Definition of the energy sector/industries. It will be addressed in the virtual meetings.

- Definition of energy and non-energy products as well as their boundaries. It will be addressed in the virtual meetings.
Future activities

IRES tentatively scheduled to be submitted to the UN SC at its 42nd session (March 2011)

- 1st OG virtual meeting
- Consultation with EGM on classification
- Sept. 2009

- 2nd OG virtual meeting
- InterEnerStat meeting
- Oct. 2009

- 5th Oslo Group meeting
- Nov. 2009

- Worldwide consultation
- Mid 2010

- UN EGM on IRES
- Sept. 2010

- Submission to UNSC
- Dec. 2010
Thank you for your attention!

The UNCEEA comments and suggestions will be very much appreciated.