# IRES drafting schedule and a list of issues for 2008

In order to move forward the preparation of *International Recommendations for Energy Statistics* (IRES) UNSD and the Oslo Group Secretariat agreed on a tentative drafting schedule for the rest of 2008 designed to ensure submission to the 4th Oslo Group meeting (February 2009) the provisional text of most of the chapters. Drafting will be based on the materials submitted by the Oslo Group members during the previous meetings and the electronic discussion on the Oslo Group discussion forum. Drafting of several chapters will include preparation of the issues papers and their discussion (on the OG Discussion forum) in order to reach an agreement and formulate draft international recommendations. Using initial drafts and the OG members' comments, UNSD will create a consolidated provisional draft of IRES and place it on the OG Discussion forum by mid January 2009.

The list issues explicitly identified below is not intended to be exhaustive; rather it is a list of major issues that need a separate discussion. It is expected that, during the drafting of chapters, other issues will be raised. These issues will be discussed as part of the consultation of draft chapters, and if deemed necessary, additional issue papers can be prepared at a later stage.

The aim of the schedule presented below is to have a second version of the preliminary text of chapters 1, 2 and 4 and an initial preliminary text of chapters 3, 5 - 11 by January 2009 for discussion at the next Oslo Group meeting. The provisional draft/annotated outline for chapters 3, 5-11 will be posted on the Oslo Group Website as they become available.

## Chapter 1. Introduction

UNSD will prepare a provisional text for the chapter in cooperation with Statistics Norway

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|---|---|
| Initial draft: | 30 September 2008 |
| Comments by: | 31 October 2008 |
| Second draft by: | January 2008 |

## Chapter 2. Scope of Energy Statistics

UNSD will prepare a provisional text for the chapter in cooperation with Statistics Norway

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|---|---|
| Initial draft: | 15 October 2008 |
| Comments by: | 14 November 2008 |
| Second draft by: | January 2008 |

## Chapter 3. Standard International Energy Classification

Issue 3.1: UNSD will prepare an issue paper on proposed scope and classification scheme of SIEC

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|---|---|
| On the OG Discussion forum: | 30 September 2008 |
| Comments by: | 31 October 2008 |

Issue 3.2: IAEA will prepare an issue paper on definition (and classification) of renewable and non-renewable energy sources

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|---|---|
| On the OG Discussion forum: | 30 September 2008 |
| Comments by: | 31 October 2008 |

Issue 3.3: Statistics Norway in cooperation with Statistics Denmark, UNSD and IEA will prepare an issue paper on definition (and classification) of primary and secondary energy products ()

  On the OG Discussion forum:  30 September 2008

  Comments by:  31 October 2008

Issue 3.4: IAEA will prepare an issue paper on nuclear fuels: scope in IRES and recording of specific flows

  On the OG Discussion forum:  30 September 2008

  Comments by:  31 October 2008

**Chapter 4. Units of Measurement and Conversion Factors**

UNSD will prepare a provisional text for the chapter.

  Initial draft:  30 September 2008

  Comments by:  31 October 2008

  Second draft by:  January 2009

**Chapter 5. Flows, Stocks and Related Concepts**

Issue 5.1: Statistics Norway will prepare an issue paper on definition (and classification) of autoproducers of energy

  On the OG Discussion forum:  30 September 2008

  Comments by:  31 October 2008

Issue 5.2: Statistics Norway will prepare an issue paper treatment of micro power plants

  On the OG Discussion forum:  30 September 2008

  Comments by:  31 October 2008

UNSD will prepare a provisional text of the chapter in cooperation with Statistics Norway

  Initial draft for comments:  by 7 January 2009

**Chapter 6. Statistical Units and Data Items**

Issue 6.1a: UNSD will prepare a provisional text on statistical units in cooperation with Statistics Norway

  Initial draft for comments:  24 October 2008

  Comments by:  21 November 2008

Issue 6.1b: UNSD will prepare a provisional list of data items in cooperation with Statistics Norway

| Initial draft for comments: | 19 December 2008 |
|---|---|
| Comments by: | 16 January 2009 |

**Chapter 7. Data Sources and Data Compilation Strategies**

Issue 7.1: Statistics Norway will prepare an issue paper on temperature adjustment of energy consumption

| On the OG Discussion forum: | 30 September 2008 |
|---|---|
| Comments by: | 31 October 2008 |

Issue 7.2: Statistics Norway will prepare an issue paper on efficiency coefficients of energy commodities

| On the OG Discussion forum: | 30 September 2008 |
|---|---|
| Comments by: | 31 October 2008 |

UNSD will prepare an annotated outline for the chapter using input from India and other materials (in cooperation with Statistics Norway)

| Initial draft for comments: | 14 November 2008 |
|---|---|
| Comments by: | 19 December 2008 |

**Chapter 8. Energy Balances**

UNSD and Statistics Norway will prepare a an annotated outline for the chapter in cooperation with IEA and Eurostat before placing on the OG Discussion forum

| Initial draft for comments: | by 7 January 2009 |
|---|---|

**Chapter 9. Data Quality**

UNSD will prepare a provisional text for the chapter in cooperation with Statistics Norway

| Initial draft for comments: | Q1 2009 |
|---|---|

**Chapter 10. Dissemination**

UNSD will prepare a provisional text for the chapter in cooperation with Statistics Norway

| Initial draft for comments: | Q1 2009 |
|---|---|

**Chapter 11. Use of Energy Balances in Compilation of Energy Accounts and Other Statistics**

UNSD in consultation with Statistics Norway, Statistics Austria, Statistics Netherlands and the IMF will prepare a provisional text on bridge tables between energy balances and the supply and use tables of the System of Environmental-Economic Accounting for Energy

| On the OG Discussion forum: | Q1 2009 |
|---|---|
| Comments by: | Q1 2009 |

IEA, UNSD and Statistics Norway will prepare a draft section(s) on use of energy statistics and balance for Climate Change agenda for posting on the OG discussion forum. (TO BE CONFIRMED)

On the OG Discussion forum:   Q1 2009

Comments by:               Q1 2009

## Preparation of the issue papers

The aim of issue papers is to facilitate the discussion and reach an agreement. It is suggested that issue papers be prepared according to the following structure:

A. Clear description of the issue

B. Description of how the issue is treated and what the relevant recommendations are in the UN manuals, and in other manuals (in particular, the OECD/IEA/Eurostat Manual) and a review of selected country practices

C. Formulation of a possible recommendation

D. Questions and points of discussion for the Group

Issue 3.1: Scope and classification scheme of SIEC

IRES should contain an internationally agreed classification of energy products. The existing international classifications do not provide the necessary level of details needed by the users. Furthermore, different countries have developed and used their own classification of energy products. The internationally agreed classification for energy products is an organization of the internationally agreed definitions of energy products into a hierarchical classification system which will clearly represent the relationships between them and provide a coding system for use in data collection and data processing. It is expected that this classification will use physical properties of the products as an underlying classification criterion and provide their clear identification as renewable/non-renewable and primary/secondary. The relationship with other international product classifications such as the Harmonized Commodity Description and Coding System 2007 (HS07) and Central Product Classification, Version 2 (CPC, Ver.2) has to be established by use of correspondence tables.

Issue 3.2: Definition (and classification) of renewable and non-renewable energy sources

As presented during the 3rd Oslo Group Meeting, there is a need to clearly define the concept of renewable and non-renewable energy resources as well as define the boundary between the two concepts. Boundary cases such as municipal waste need to be explicitly addressed.

Issue 3.3: Definition (and classification) of primary and secondary energy

IRES should contain a clear and internationally agreed definition of primary and secondary energy. This will affect, among other things, the measuring and recording of energy flows in the energy balances.

Issue 3.4: Nuclear fuels: scope in IRES and recording of specific flows

As presented during the 3rd Oslo Group Meeting, there is a need to define the scope of the coverage of nuclear fuels in IRES and to have clear recommendations on the flow to record.

Issue 4.1: Harmonized physical measurement units and conversion factors

IRES will present a list of physical measurement units "recommended" for the collection of energy statistics. It will also present conversion factors to use. As presented during the 3rd Oslo Group Meeting there is a need to review the conversion factors in the UN handbooks on energy statistics and suggest possible updates.

Issue 5.1: Autoproducers of energy: definition and classification in IRES

The definition and classification of auto producers of energy and public energy supply may need to be revised to accommodate, for example, the cases of outsourcing when, for example, power companies buy industrial plants wholly or partially, plants may then have several owners.

Issue 5.2: Micro power plants – cut off points

Different countries have different capacity limits to classify a power plant as micro-power plant. It would be desirable to have harmonized cut off points to enable comparability and integrated energy policy.

Issue 6.1: Statistical units and data items

IRES will contain a description of the statistical units for energy statistics and a reference list of data items for energy statistics from which countries can select the relevant items to collect according to their situation taking into account, for example, the country-specific user needs, resources, priorities and respondent burden.

The preliminary list of data items in IRES will be developed in such a way that satisfies the major user needs such as: international questionnaires on energy statistics, energy balances, air emissions (and link to IPCC data requirements), national accounts, and environmental-economic accounts for energy.

Issue 7.1: Temperature adjustment of energy consumption

There may be an issue of adjusting consumption data for different temperature: for example, seasonally- and mean- adjusted measure of energy consumption, to account for differences between countries and enable better per capita comparison

Issue 7.2: Efficiency coefficients of energy commodities

Different transformation flows and different end-uses for the same commodity make use of different technologies, and these technologies evolve at different paces. The treatment of efficiency coefficients (how specific should they be? How often should they be revised/updated? should they be looked at for possible inclusion in IRES

## Cross cutting issue:

Terminology *(responsible: UNSD)*

There are a number of issues regarding the terminology in energy statistics. Some of the issues pertain to the internal consistency: in energy statistics often different terms are used to describe the same concepts: for example, the terms: "energy carriers", "energy products" and "energy sources", or the terms: "energy use" versus "energy consumption". Other issues pertain to the consistency with terminology used in other field of statistics such as economic statistics, national account etc. where the terminology, for example, on the use (e.g. final and intermediate consumption etc.) have specific meaning.

The objective is to have in IRES an internally consistent terminology and, to the extent possible, harmonized with that in other field of statistics. However, given the fact that it may be unrealistic to develop a terminology fully harmonized with other field of statistics, the links should be clearly described and presented in IRES.