



# Energy Statistics Compilers Manual (ESCM)

8<sup>th</sup> UNCEEAA Meeting  
20 - 21 June 2013, New York



# Overview

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# Background

- The ESCM is part of a larger work programme of the Oslo Group, started in 2005, for the improvement of the quality and comparability of energy statistics on a global basis
  - development of international agreed concepts, definitions, methods and classifications
    - International Recommendation for Energy Statistics (IRES)*
  - development of practical guidelines
    - Energy Statistics Compilers Manual (ESCM)*



# IRES

IRES is a reference document containing internationally agreed upon recommendations for the collection, compilation and dissemination of energy statistics

It provides

- classifications for use in energy statistics (energy products, energy industries, etc.)
- general principles for data collection methods
- reference list of data items for countries to collect

IRES was prepared by UNSD in close cooperation with the Oslo Group and InterEnerStat

IRES was adopted by the UN Statistical Commission in February 2011



# Purpose of the ESCM

The ESCM is intended to:

- provide more detailed information on the recommendations contained in IRES
- provide practical guidance on compilation of energy statistics, balances and accounts
- share successful country practices

The ESCM is being prepared in cooperation with Oslo Group and other expert groups (London Group)

It is part of the implementation of IRES as approved by the UN Statistical Commission in 2011



# Target audience

- Statisticians involved in the establishment, strengthening or improvement of the energy statistics programme
- Statisticians who regularly collect and compile energy statistics
- Users of energy statistics to better understand the strengths and weakness of data



# ESCM outline

- Ch. 1 Conceptual framework
- Ch. 2 Legal foundations and institutional arrangements
- Ch. 3 Classifications
- Ch. 4 Data sources and data collection
- Ch. 5 Compilation of energy balances
- Ch. 6 Compilation of energy accounts
- Ch. 7 Energy indicators and greenhouse gas emissions
- Ch. 8 Data quality and metadata
- Ch. 9 Data dissemination



## Chapter 6: Compilation of energy accounts

- Intended to provide practical guidance in the compilation of the energy accounts of the SEEA-Energy
  - Based on the data items of IRES and on adjustments needed for the accounts
  - Based on the energy balances
  - Fully aligned with the SEEA-Energy
- Statistics Norway is leading the drafting of this chapter. Additional countries have volunteered to participate in the drafting of this chapter





# Preparation process

- Chapters teams were created
  - For each chapter: a coordinator and group of countries/organizations participating in the drafting
- Country practices have been collected and posted on the UNSD website
  - According to common template
  - To share experience
  - To provide input into the ESCM
- Drafts are being reviewed by the whole group according to agreed timeline



- About 50 countries reported their country's practice on some 90 topics
- Ongoing collection and update of country practices

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Description of Activities  
International Recommendations for Energy Statistics (IRES)  
Energy Statistics Compilers Manual (ESCM)  
**Country Practice Template**  
Energy Yearbook  
Energy Balances and Electricity Profiles  
Energy Statistics Database  
UNSD Annual Energy Questionnaire  
Global Assessment on Energy Statistics and Energy Balances  
Joint Oil Data Initiative (JODI)  
Oslo Group  
Intersecretariat Working Group on Energy Statistics  
Meetings and Workshops  
Publications  
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**Country Practice Template Responses by Country**

see responses by topic

Country	Topic
<b>Argentina</b>	<a href="#">Annual energy statistics</a>
<b>Australia</b>	<a href="#">Energy consumption</a>
<b>Austria</b>	<a href="#">Electricity and natural gas consumption</a> <a href="#">Energy analysis in industry</a> <a href="#">Energy Balance</a> <a href="#">Energy consumption of households</a> <a href="#">Energy consumption in industry</a> <a href="#">Energy consumption in the service sector</a> <a href="#">Input and output of biomass heating</a>
<b>Azerbaijan</b>	<a href="#">Energy Balance</a>
<b>Belarus</b>	<a href="#">Annual energy statistics</a>
<b>Bosnia and Herzegovina</b>	<a href="#">Energy Balance</a>



# Where are we with the ESCM?

7<sup>th</sup> Oslo Group meeting (Finland, 23-26 Oct 12 )

- reviewed available drafts and annotated outlines
- shared country experiences and/or issue papers
- provided further on sections/contents of the chapters

Virtual meeting of the Oslo Group (15 Apr -17 May 13 )

- open to the London Group
- Reviewed the revised drafts
- Identified areas for improvement and further work
- the report is being finalized



8<sup>th</sup> Oslo Group meeting (24-27 Sept 2013)

- to review a complete draft of the ESCM

Consultation with the London group

- virtual meeting
- London group meetings

Target:

- Finalize the ESCM by the end of 2013



Thank you!

For further information:

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