

Energy Statistics Compilers Manual (ESCM)

Prepared by UNSD and Oslo Group
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Overview

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Background

- The ESCM is part of a larger project 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

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

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 4: Data sources and data collection

This chapter is particularly important

- describes typical data sources (surveys, administrative data, custom data etc.) and data collection (sample surveys, censuses, etc) methods relevant for energy statistics.
- includes references to data editing, imputation, validation and modeling.
- is based on country practices (country examples throughout the chapter).

ESCM is very closely linked to the data items in IRES
=> basic energy statistics

e.g. production, imports/exports, transformation, consumption, etc.

- It promotes a multipurpose and integrated approach to data collection to
 - Make use of available data collection when possible
 - Allow multiple use of the information collected (using standard concepts, definitions etc.)

Where are we with the ESCM?

Oslo Group Virtual meeting (15 Apr to 17 May 2013)

- Reviewed the available drafts
- Identified areas for improvement and further work

8th Oslo Group meeting (24-27 Sept 2013)

- to review a complete draft of the ESCM

Target:

- Finalize the ESCM by the end of 2013

Thank you!

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