

# The Oslo Group on Energy Statistics

## - IRES and ESCM

Prepared for the 17<sup>th</sup> London Group meeting in Stockholm

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# The Oslo Group - Introduction

- Established in 2005 / First meeting in 2006
- Website: <http://og.ssb.no>
- Mandate:
  - *To address issues related to energy statistics and contribute to improved international standards and improved methods for official energy statistics by pooling expertise in the energy community*
- 2 specific goals:
  - Identify and collect national and international best practices
  - Review and contribute to **the updating of UNSD handbooks and manuals on energy statistics**

# IRES – International Recommendations for Energy Statistics

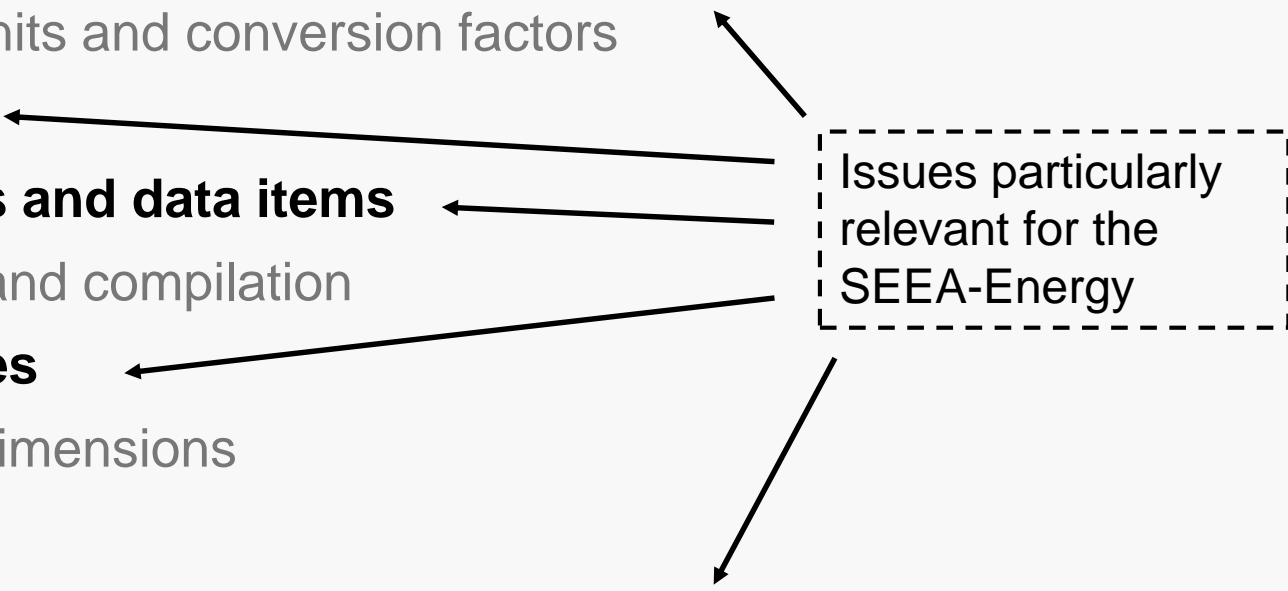
The main focus from 2006-2011 has been the preparation of IRES

- Timeline for IRES
  - December 2010: Draft version submitted to the UN Stat. Commission
  - February 2011: Adopted by the UN Stat. Commission
  - **End of 2011: Submission for printing** (which includes official editing, etc.)
  - **End of 2012: Final printed version of IRES**
- Latest draft version available at:  
<http://unstats.un.org/unsd/statcom/doc11/BG-IRES.pdf>

# IRES - Content

1. Introduction
2. Scope of Energy Statistics
- 3. SIEC (Standard International Energy Product Classification)**
4. Measurement units and conversion factors
- 5. Energy flows**
- 6. Statistical units and data items**
7. Data collection and compilation
- 8. Energy balances**
9. Quality and its dimensions
10. Dissemination
- 11. Uses of basic energy statistics and balances**
  - Energy accounts, energy indicators and GHG emissions

Issues particularly relevant for the SEEA-Energy



# IRES implementation plan

1. Technical assistance to countries (mainly through workshops)
  - The workshops will focus on IRES and practical issues of its implementation
  - With the forthcoming SEEA and SEEA-Energy the plan is also to coordinate with the activities on energy accounts.
2. Revision of UN questionnaires
  - The UN plan to revise the questionnaires in order to align it to the concepts and definitions presented in IRES
3. **The preparation of the ESCM - Energy Statistics Compilers Manual**
  - The manual is expected to provide more explanation to the recommendations presented in IRES (and SEEA-Energy) and practical guidance for the compilers of energy statistics

# ESCM – Energy Statistics Compilers Manual

- Purpose:
  - Practical guidance to help the implementation of IRES and SEEA-Energy
  - Will heavily draw on country practices
- Content providers
  - Main provider: Oslo Group members
  - Other providers: London Group Members. Eurostat? (task force for NAMEA Energy Accounts)
- Annotated outline available at:
  - [http://og.ssb.no/escmmainpage/ESCM\\_April2011\\_OG6.pdf/file\\_view](http://og.ssb.no/escmmainpage/ESCM_April2011_OG6.pdf/file_view)

# ESCM – Draft Outline

1. Conceptual framework
2. Legal foundations and institutional arrangements
3. Classification
4. Data sources and data collection
5. Compilation of energy balances
6. Compilation of **energy accounts**
  - a) **Flow accounts – physical and monetary**
  - b) **Assets accounts – physical and monetary**
7. Energy **indicators** and **Greenhouse gas emissions**
8. Data quality and metadata
9. Data dissemination

Need help from the  
London Group



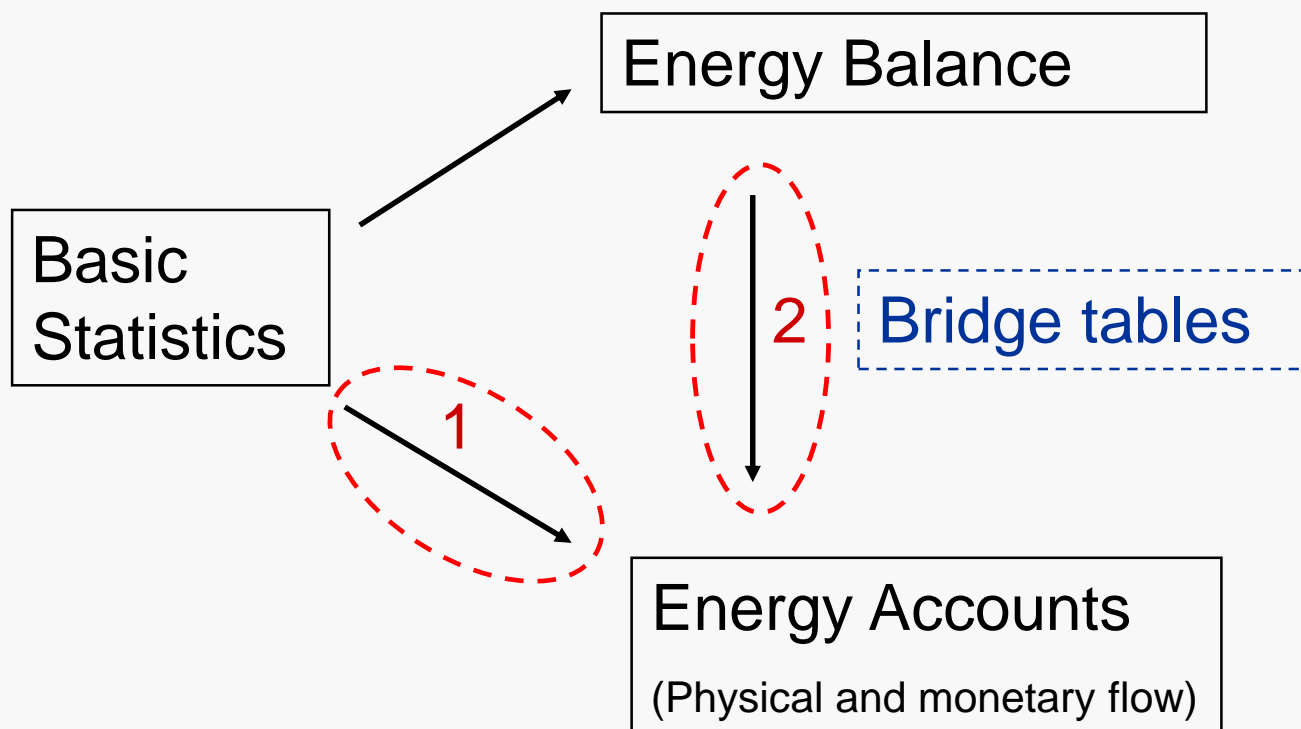
# Chapter 6: Compilation of Energy Accounts

- The chapter will provide practical guidance on the compilation of the SEEA-Energy
- Two different approaches on how to get to the energy accounts will be presented in the chapter:
  1. How to use the data items presented in chapter 6 in IRES (**basic statistics**) for the compilation of the energy flow accounts
  2. How to use the **energy balance** for the compilation of the energy flow accounts
    - Adjustment/reconciliation
    - Compilation of bridge tables
    - Additional data necessary for the accounts
- The chapter will also include
  - ♦ practical information on data editing, validation rules, estimation of missing data
  - ♦ country examples that can illustrate how countries deal with different issues



## Chapter 6: Compilation of Energy Accounts (cont.)

- Two different approaches to get to the energy accounts will be presented in the chapter:



## Chapter 6: Compilation of Energy Accounts - Assets

- The intention is that both the flow accounts and the assets accounts - in physical and monetary units - will be covered by the ESCM
- These topics are only very briefly mentioned in IRES
- Topics mentioned in IRES (chapter 6)
  - Data items on stocks of reserves/resources
  - Data items for assessment of the economic performance
    - ◆ Prices, taxes and subsidies
    - ◆ Gross output at basic prices
    - ◆ Employment and hours worked by employees
    - ◆ Gross fixed capital formation

# ESCM – Draft timeline

- Sept 2011- :
  - Collection of country practice via the country practice template
    - Will form the basis for the drafting of ESCM
    - Will be stored in the UN knowledge base
  - Form working groups and delegate responsibility for the writing of chapters in the ESCM
- Autumn 2011-Summer 2012:
  - Drafting of chapters
- Autumn 2012:
  - 7th OG meeting in Finland (and next LG meeting). Discuss and review draft text
- 2013:
  - 8th OG meeting and LG meeting
  - ESCM finished (realistic?)

# Volunteers?

- If there are anyone that would be willing to contribute to the drafting and/or reviewing drafts of
  - Chapter 6: Energy accounts
  - Chapter 7: Energy indicators & GHG emissions
  - Other chapters
- Please contact me (Elisabeth Isaksen)
  - Via email [Elisabeth.isaksen@ssb.no](mailto:Elisabeth.isaksen@ssb.no) / [oslogroup@ssb.no](mailto:oslogroup@ssb.no)
  - Or talk to me in the break
- We are hoping to get
  - 2-3 volunteers for the London Group
  - 1 volunteer from Eurostat (approach 2: EB → EA)

Thank you for your attention!

