

The System of Environmental- Economic Accounting for Energy (SEEA-Energy)

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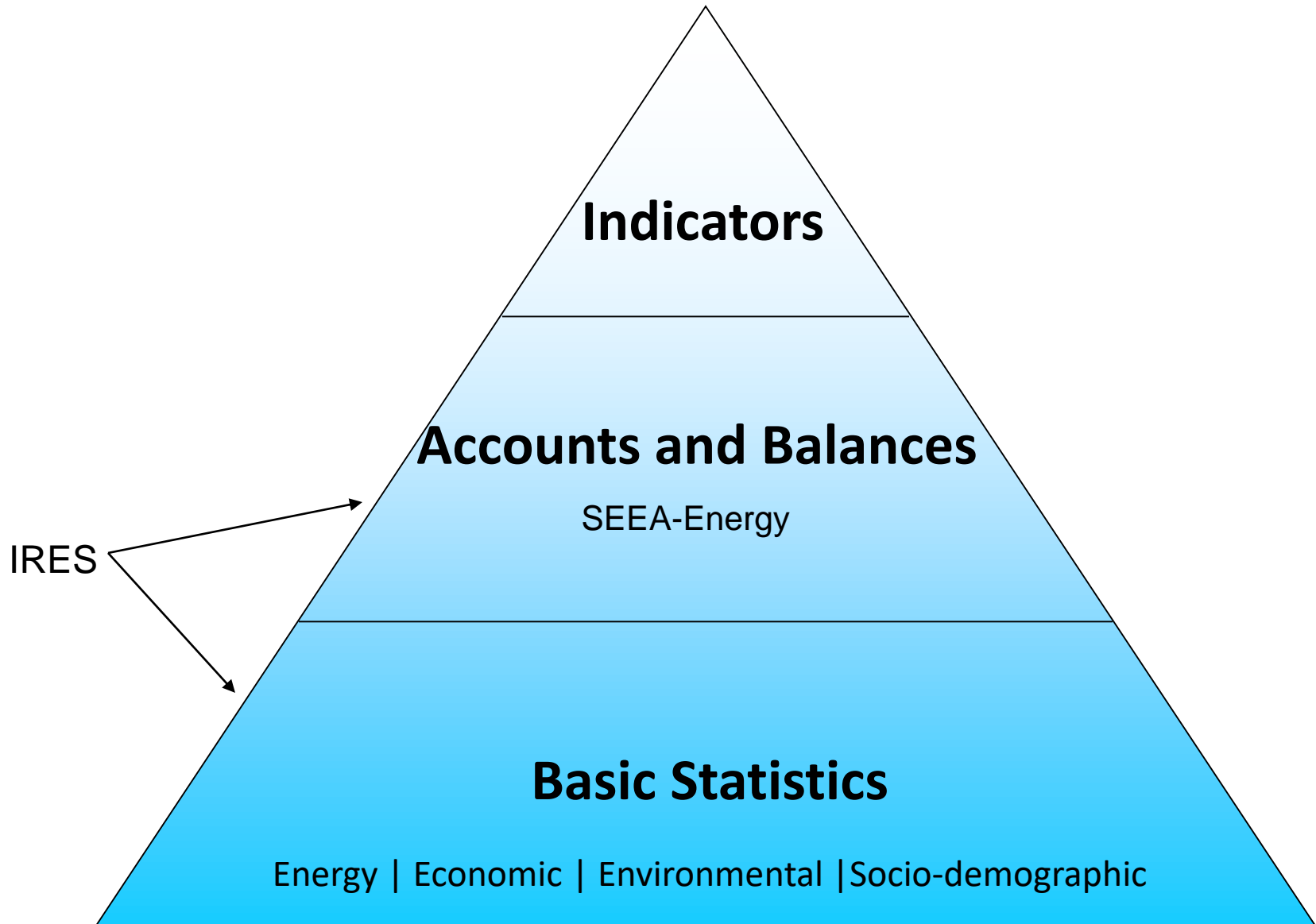
Outline

- What is the SEEA-Energy?
- What is the relationship of the SEEA-Energy with other activities in energy statistics?
- Structure and content of the SEEA-Energy
- Process to finalize SEEA-Energy

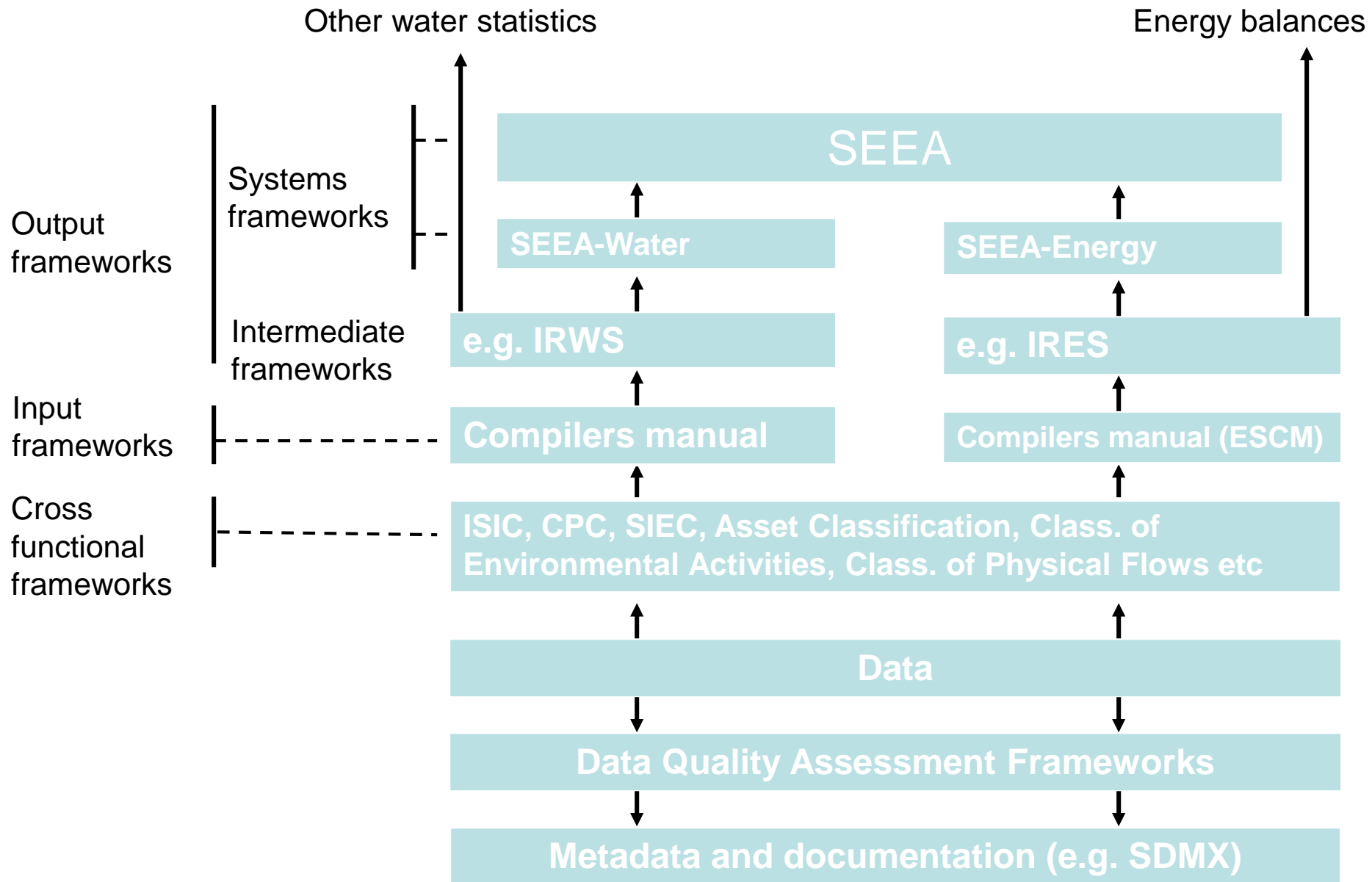
What is SEEA-Energy?

- Subsystem of SEEA Central Framework, the recently adopted international statistical standard for environmental-economic accounts
- In-depth elaboration of the Energy Accounts in the SEEA Central Framework - fully consistent
- Stand alone document with its own policy relevance and, scientific and statistical foundation
- Based on IRES concepts, definitions and classifications
- Applies accounting principles, concepts and definitions to energy
- Uses internationally agreed classification (ISIC, CPC, SIEC) and concepts
- Organizes physical and monetary information related to energy extending the SNA accounting structure

The information pyramid



SEEA and suite of publications



Intended Audience of SEEA- Energy

- Energy statisticians and accountants in national statistical offices and energy statisticians in energy ministries
- Analysts, academics and policy makers from different disciplines - not only for experts in national accounts and energy statistics

SEEA-Energy Chapters

Chapter 1 – Introduction

Chapter 2 – SEEA-Energy Framework

Chapter 3 – Physical Flow Accounts

Chapter 4 – Monetary Flow Accounts and
Combined Presentations

Chapter 5 – Physical Asset Accounts for energy

Chapter 6 – Monetary Asset accounts for
energy

Chapter 7 – Use of Energy Accounts

SEEA-Energy and ESCM

- Work has commenced on the Energy Statistics Compilers Manual (ESCM)
- ESCM is key to implementation of both SEEA-Energy and IRES
- One chapter on ESCM will focus on energy accounts
- Oslo Group on Energy Statistics and London Group on Environmental Accounting will provide inputs in the manual
- List of data items needed for the accounts will be prepared by UNSD and mapped with list of data items in IRES

ESCM Chapters

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

Current status

- Expert Group Meeting in October 2011 reviewed the draft and agreed on certain issues including:
 - Reordering of chapters to consider physical and monetary flows first
 - Presenting tables in a form familiar to both energy accountants and statisticians
- Draft updated in late 2011, early 2012 and circulated among small group of experts
- There appears to be general agreement among the small group of experts on scope and content

Major Outstanding Issues

- Improve text regarding the relationship between SEEA-Energy, SEEA Central framework and SNA with emphasis on how to achieve coherence between national accounts and energy accounts.
- Streamline the text and tables to ensure internal consistency as well as full consistency with the SEEA Central Framework white cover publication.
- Review and elaborate discussion of treatment of energy from renewable sources.
- Revise text on emissions to ensure a more comprehensive presentation.
- Elaborate and clarify the valuation of energy resources, in particular with regard to valuation beyond category A in the UNFC 2009.

Finalizing SEEA-Energy

- New version should be ready by the third quarter of 2012
- Consultation:
 - Global consultation
 - London Group on Environmental Accounts
 - Oslo Group on Energy Statistics
- Document will be submitted to the UN Statistical Commission in 2013 for adoption as a statistical standard

Questions to UNCEEA

- Does the UNCEEA agree with the planned process toward the finalization of the SEEA-Energy?
- Does the UNCEEA agree that the ESCM should include discussion and detail of SEEA-Energy, at a level similar to that of IRES?

Thank you!

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<http://unstats.un.org/unsd/envaccounting/default.asp>