



Session 2: Scope of energy statistics

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International recommendations

- IRES will provide the fundamental, reference elements for energy statistics such as definitions, classifications, reference data items, data collection, etc.
- IRES will focus on basic energy statistics and energy balances
- IRES will cover all relevant aspects of the statistical process (from underlying concepts and classifications to data compilation strategies and data dissemination policies)



International recommendations (2)

- IRES will be flexible enough to ensure its implementation in all countries irrespective of the level of development of their statistical systems
- The data items in IRES serve as a reference *countries can select the relevant items according to their situation (taking into account, for example, identified user needs, resources, priorities and respondent burden)*



What defines the scope?

- Geographical coverage (territory of reference)
- Type of statistics to collect
 - Flows and stocks of energy products
 - Units of measurement (physical/monetary)
 - Additional information relevant to energy statistics (e.g. about the energy producing sector, investments, capacity, number of plants, employment, etc.)
 - Possibly (?) availability of energy resources in the environment (reserves, resources)



Geographical coverage

Geographical coverage of energy statistics:

the national territory, i.e. energy statistics covers units that are present on the national territory (independently on their economic residence) = territory principle

It differs from the residence principle of economic statistics; links between the two principles are important to be explained



Types of statistics

1) Flows and stocks of energy products

e.g. production, imports, export, bunkering, stocks, transformations etc. by energy products

2) Units of measurements (physical/monetary units)

e.g. Tons, litres, TJ etc. but also, for example, prices, value of production...

3) Additional information relevant for energy statistics

e.g. capacity and number of plants, employment, investments in the sector, etc.

4) Availability of energy resources in the environment



Suggested scope of energy statistics in IRES

The scope of energy statistics in IRES covers, for a statistical territory and in physical and monetary units, the following:

- (i) statistics on flows and stocks of energy products and (?)energy resources; and
- (ii) main characteristics and activities of producers and users of energy.



Points for discussion

- What is the scope of energy statistics in your country?
- What do you think should be the scope of energy statistics in IRES?



**Thank you very much
for your attention!**