

IRENA Energy Statistics Manuals

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Data collection:

- Statistics questionnaire: 5+2 sheets
- Global in scope
- Focus on renewable energy
- 70 countries replying (2014)
- Statistical capacity building (training)

Systematic assessment of needs/capacity:

- Data requirements
- Audit of existing data
- Data collection barriers
- Framework for data collection
- Data collection and validation routines

Products, flows, measurement units:

- Products - follow IRES (partly)
- Flows - follow IRES/InterEnerStat definitions
- Detailed descriptions, system boundaries
- Small-scale (e.g. Solar Home Systems)
- Conversion factors, estimates

Bioenergy products

Primary biomass: fuelwood + energy crops

Primary biomass waste: all other solids

Secondary bioenergy: charcoal; biomass pellets and briquettes; advanced gases+fuels

Guide to data collection and processing

- Definitions and units
- Household surveys
- Enterprise surveys
- Administrative data
- Analysis and compilation of data (conversion factors, energy content, imputation).