



ESA/STAT/AC.317/1
23 May 2016

UNITED NATIONS
DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS
STATISTICS DIVISION

International Workshop on Energy Statistics
Beijing, China, 23-25 May 2016

Agenda



International Workshop on Energy Statistics

23-25 May 2016 – Beijing, China

Beijing Guangxi Hotel

Organized by the United Nations Statistics Division (UNSD) and the National Bureau of Statistics (NBS) of China with support from the International Energy Agency (IEA)

Agenda

Monday, May 23, 2016

8:30 am to 9:00 am	Registration
9:00 am to 9:45 am	Opening session: <ul style="list-style-type: none">• Opening speech by Mr. Xu Xianchun, Deputy Commissioner of NBS• Introductory remarks by Leonardo Souza, Statistician, UNSD• Welcome and Introductions• Workshop scope and objectives
9:45 am to 10:30 am	Introduction to Energy Statistics <p>Presenters: Duncan Millard (IEA) and Leonardo Souza (UNSD)</p> <p>This session will discuss the role of energy statistics and review recent developments to improve harmonization and usefulness of energy statistics, including the Intersecretariat Working Group on Energy Statistics (InterEnerStat), the International Recommendations for Energy Statistics (IRES) and the Energy Statistics Compilers Manual (ESCM).</p> <ul style="list-style-type: none">• Role and importance of energy statistics (IEA)• Uses of energy stats: energy policy, emissions, general environment (IEA).• Energy statistics and indicators in the scope of the 2030 Agenda for Sustainable Development, SDGs (UNSD)

	<ul style="list-style-type: none"> • Harmonisation efforts: <ul style="list-style-type: none"> • InterEnerStat (IEA) • Oslo Group (UNSD) • IRES and ESCM (UNSD)
10:30 am to 10:45 am	Coffee break
10:45 am to 12:00 pm	<p>Introduction to Energy Statistics (continued)</p> <ul style="list-style-type: none"> • Introduction to Energy Statistics in China (Ms. Wang Xiaohui, Deputy Director General of Department of Energy Statistics of NBS) • Overview of Energy Statistics in the US (Ms Ayaka Jones, EIA/US DOE)
12:00 pm to 2:00 pm	Lunch
2:00 pm to 3:00 pm	<p>International Recommendations for Energy Statistics (IRES)</p> <p>Presenter: Alexander Blackburn (UNSD), with further comments by the IEA.</p> <p>This session will present and discuss conventions and treatments contained in IRES</p> <ul style="list-style-type: none"> • The concept of production • Territorial principle. • Bunkers • Supply, Transformation, own use and final consumption • Non-energy split • Non-energy use of biomass
3:00 pm to 3:45 pm	<p>International classifications relevant for energy statistics</p> <p>Presenter: Leonardo Souza (UNSD), with further comments by the IEA.</p> <p>This session will provide an overview of existing classifications used in (and recommended for) energy statistics. This includes in particular a discussion of the relatively new Standard International Energy Product Classification (SIEC) and its relationship to other product classifications, like the Central Product Classification (CPC) and the Harmonized Commodity Description and Coding System (HS), as well as the use of the International Standard Industrial Classification of All Economic Activities (ISIC) in the production of energy statistics.</p> <ul style="list-style-type: none"> • SIEC and links to CPC, HS. • ISIC • Issues with using HS data for energy purposes • Country practice: Ms Dulce Regala (PSA - Philippines)
3:45 pm to 4:00 pm	Coffee break
4:00 pm to 5:30 pm	<p>Coal, Peat and derived fuels</p> <p>Presenter: Emmanouil Christinakis (IEA), with further comments by UNSD</p> <p>The next five sessions will focus on issues related to data collection and compilation, covering discussions on data sources, data items and reporting requirements. Since sources and methods differ among groups of energy products, separate agenda items will be used to discuss specific methods for each relevant group of energy products separately.</p> <ul style="list-style-type: none"> • Coal and peat

- Uses and transformation processes (and efficiency ranges)
- Derived fuels
- Importance of accurate NCVs, for determining process efficiencies, overall energy balances, GHG emissions.
- Country practice: Ms Ariunaa Khurelbaatar (NSO of Mongolia)
- Country practice: Mr. Sam Sok Sotheavuth (NIS - Cambodia)

Tuesday, May 24, 2016

9:00 am to 10:30 am	<p>Oil and oil products</p> <p>Presenter: Céline Rouquette (IEA), with further comments by UNSD</p> <ul style="list-style-type: none"> • Primary oil: crude (conventional or unconventional), other hydrocarbons, additives • Oil products and transformation processes (and efficiency ranges). Special attention on feedstocks and petrochemical backflows. • Derived fuels • Country practice: Mr Zaharin Zulkifli (EC - Malaysia) • Country practice: Ms Salmiah Ponggot (DoS - Malaysia)
10:30 am to 10:45 am	Coffee break
10:45 am to 12:00 pm	<p>Natural gas</p> <p>Presenter: Leonardo Souza (UNSD), with further comments by the IEA.</p> <ul style="list-style-type: none"> • Scope of production and measurement issues • Country practice: Mr Chandrajit Chatterjee (CSO - India) • Country practice: Mr M.D. Sunil Senanayake (DCS – Sri Lanka)
12:00 pm to 2:00 pm	Lunch
2:00 pm to 3:30 pm	<p>Electricity and Heat</p> <p>Presenter: Loïc Coent (IEA), with further comments by UNSD</p> <ul style="list-style-type: none"> • Sources, Main activity and Autoproducers, types of plants (electricity, CHP, heat plants), losses • Treatment (Direct use, nuclear, geothermal, as well as primary electricity) • Efficiency ranges for combustible fuels • Country practice: Ms Wangmo (DHPS/MOEA – Bhutan)
3:30 pm to 3:45 pm	Coffee break
3:45 pm to 5:30 pm	<p>Renewables and waste</p> <p>Presenter: Alexander Blackburn (UNSD), with further comments by the IEA.</p> <ul style="list-style-type: none"> • Scope of production and measurement issues • Electricity and Heat – what is considered as renewable and what is not • Likely producers (to target in surveys) and users • Methods of estimation for distributed solar • Country practice: Ms Lilibeth Morales (DoE - Philippines) • Country practice: Mr Jay Kumar Sharma (CBS - Nepal)

Wednesday, May 25, 2016

9:00 am to 9:45 am	<p>Commodity balances – energy flows of a single product</p> <p>Presenter: Alexander Blackburn (UNSD), with further comments by the IEA</p> <p>The next two sessions will review current international recommendations for the compilation of commodity and energy balances. The structure and data requirements, as well as international coherence and validation of the balances will be discussed. Current country practices will be considered to discuss specific problems in the compilation of the balances.</p> <ul style="list-style-type: none">• Supply• Demand (transformation, uses)• Statistical differences• Country practice: Mr Ugyen Norbu (NSB - Bhutan)
9:45 am to 10:45 am	<p>Energy balances</p> <p>Presenter: Leonardo Souza (UNSD), with further comments by the IEA</p> <ul style="list-style-type: none">• From commodity balances to one snapshot of interrelated energy flows that gives a birds-eye view of energy in a region/country• Conversion factors• Differences in presentation as regards commodity balances• Renewables• Balances and their uses, indicators• Country practice: Ms Fathmath Fizna Yoosuf (MEA - Maldives)
10:45 am to 11:00 am	Coffee break
11:00 am to 12:00 pm	<p>Energy indicators and greenhouse gas emissions</p> <p>Presenter: Céline Rouquette (IEA), with further comments by UNSD</p> <p>This session will highlight different indicator frameworks, such as the SDGs and energy efficiency indicators, and their use in a number of applications. It will also cover the calculation of greenhouse gas emissions.</p> <ul style="list-style-type: none">• Different indicator frameworks• Energy indicators including efficiency indicators, CO2 emissions, percentage of renewables, energy intensity, etc.• Energy balances as a tool to derive indicators• Green economy indicators• Energy indicators in the proposed SDG framework (definitions, measurement issues)
12:00 pm to 2:00 pm	Lunch
2:00 pm to 3:30 pm	<p>Dissemination, use, analysis and quality issues</p> <p>Presenters: Duncan Millard (IEA) and Alexander Blackburn (UNSD)</p> <p>This session will review current international frameworks for data quality assurance and their specific application to energy statistics-producing processes. This session will also review current recommendations for data dissemination and data dissemination standards and their specific application to</p>

the dissemination of energy statistics. It will also cover how these data are used for policy and analysis.

- Dissemination
- Data validation
- Quality measures and indicators
- Metadata on energy statistics
- APEC/EGEDA experience in data collection (Mr Takuya Miyagawa - APERC)
- Country practice: Dr Md Rafiqul Islam (MPEMR - Bangladesh)

3:30 pm to 3:45 pm

Coffee break

3:45 pm to 5:00 pm

Other topics and roundtable discussion

Presenter: Leonardo Souza (UNSD)

This session will cover other topics, such as resource consumption and accounting, as well as bring a discussion on national energy programmes and national statistical needs in respect to energy statistics.

- Resource consumption statistics and accounting – SEEA-Energy
- Green economy indicators
- General discussion on national statistical programmes, national statistics needs and possible changes
- Proposals for further capacity development activities and for publications
- Any Other Business

5:00pm to 5:30 pm

Conclusion of the workshop