

Agenda

Workshop on Energy Statistics for ASEAN Countries

21-23 November 2017

Kuala Lumpur, Malaysia

Tuesday 21 November

9:00 am to 9:30 am	Registration
9:30 am to 10.30 am	Opening session: • Welcoming speech by Y. Bhg. Dato Abdul Razak bin Abdul Majid, Chairman of Energy Commission of Malaysia • Opening Speech by Leonardo Rocha Souza, Industrial and Energy Statistics Section, United Nations Statistics Division (UNSD) • Launching of Malaysia Energy Statistics Mobile Application • Group Photo
10.30 am to 11.00 am	Coffee Break
11.00 am to 12.30 pm	Introduction to Energy Statistics: • UNSD's work on energy statistics • APERC's work on energy statistics • ASEAN Energy Database System (AEDS) • Energy Statistics in Malaysia
12:30 pm to 2:00 pm	Lunch
2:00 pm to 3:00 pm	International Recommendations for Energy Statistics (IRES) • Scope of energy statistics • The concept of production • Territorial principle • Bunkers • Supply, Transformation, own use and final consumption • Non-energy and energy use • Non-energy use of biomass
3:00 pm to 3:45 pm	International classifications relevant for energy statistics • SIEC and links to CPC, HS. • ISIC and deviations from it in energy statistics • Issues with using HS data for energy purposes
3:45 pm to 4:00 pm	Coffee break
4:00 pm to 5:30 pm	Coal, Peat and derived fuels • Coal, peat and derived fuels: definitions

- Uses and transformation processes (and efficiency ranges)
- Importance of accurate NCVs, for determining process efficiencies, overall energy balances, GHG emissions.
- Data collection and compilation issues
 - Data sources, data items and reporting requirements.
 - Iron and steel industries, transformation and derived products/by-products that are often overlooked
- Country practices:
 - Philippines Statistics Authority - Developing the energy account for coal
 - Philippines Department of Energy – Energy accounting and statistics in the Philippines

Wednesday 22 November

9:00 am to 10:45 am

Oil and oil products

- Primary oil: crude (conventional or unconventional), NGLs, other hydrocarbons, additives
- Oil products: transformation processes and efficiency ranges. Special attention on feedstocks and petrochemical backflows.
- Data collection and compilation issues
 - Data sources, data items and reporting requirements.
 - Efficiencies and products/by-products that are often overlooked, such as refinery gas and “non-energy” products
- Country practices:
 - Ministry of Energy and Mines of Lao PDR – National Energy Data and data collection
 - Lao Statistics Bureau – Data collection on energy statistics and using data to establish the supply and use table

10:45 am to 11:00 am

Coffee break

11:00 am to 12:30 pm

Natural gas

- Scope of production and measurement issues; NGLs
- Data collection and compilation issues
 - Data sources, data items and reporting requirements.
 - Attention to conversion factors and measurement conditions
- Country practices:
 - Ministry of Mines and Energy of Cambodia – Cambodian energy statistics (perspective of the Ministry)
 - National Institute of Statistics of Cambodia – Cambodia energy statistics (perspective of the NIS)

12:30 pm to 2:00 pm	Lunch
2:00 pm to 3:30 pm	Electricity and Heat • Sources, types of plants, own use, losses • Efficiency ranges for combustible fuels • Data collection and compilation issues • Data sources, data items and reporting requirements. • Main activity and Autoproductors • Direct use • Primary energy equivalent • Country practice: • General Statistics Office of Viet Nam – The real situation of Vietnam's energy balance statistics • Central Statistical Organization and Ministry of Energy of Myanmar
3:30 pm to 3:45 pm	Coffee break
3:45 pm to 5:30 pm	Renewables and waste • Biomass: Scope of production • Electricity and Heat – what is considered renewable? • Data collection and compilation issues • Data sources, data items and reporting requirements. • Biomass: Scope of production and measurement issues • By-products often overlooked • Biomass measurement issues • Methods of estimation • Country practice: • National Statistical Office of Thailand – Household expenditure on energy

Thursday 23 November

9:00 am to 9:45 am	Commodity balances • Supply & Demand (transformation, own use, consumption) • Statistical differences • Examples
9:45 am to 11:00 am	Energy balances • From commodity balances to energy balances: conversion factors and differences in presentation • Balances and their uses, indicators • Country practice:

	• BPS-Statistics Indonesia – Obtaining energy consumption data for the energy balance table in Indonesia
11:00 am to 11:15 am	Coffee break
11:15 am to 12:30 pm	Energy indicators and greenhouse gas emissions • Sustainable Development Goals • Energy indicators including efficiency indicators, CO2 emissions, percentage of renewables, energy intensity, etc. • Energy balances as a tool to derive indicators
12:30 pm to 2:00 pm	Lunch
2:00 pm to 3:30 pm	Dissemination and quality issues • Dissemination • Data validation • Quality measures and indicators • Metadata on energy statistics • Presentation: UN ESCAP work energy accounts
3:30 pm to 3:45 pm	Coffee break
3:45 pm to 4:45 pm	Other topics and roundtable discussion • Energy balances and Energy accounts (SEEA-Energy) • General discussion on national statistical programmes, national statistics needs and possible changes • Proposals for further capacity development activities and for publications • Any Other Business
4:45 pm to 5:00 pm	Conclusion of the workshop