ENERGY STATISTICS CHALLENGES IN THE ARAB REGION PART II
ESCWA PROJECT ON ENERGY STATISTICS

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ACTIVITIES

Assessment Missions
- Needs Assessment Mission to UAE, June 2012
  6/19/2012 to 6/21/2012
- Needs Assessment Mission to Qatar, March 2012
  4/3/2012 to 4/3/2012
- Needs Assessment Mission to Egypt, Feb- March 2012
  2/27/2012 to 1/3/2012

Fellowships
- Fellowship to IEF, Riyadh, November 2012
  11/24/2012 to 11/27/2012
- Fellowship to IEA, March 2012
  3/5/2012 to 3/9/2012
- Fellowship to Paris, November - December 2011
  11/29/2011 to 12/1/2011

Meetings/ Trainings/ Workshops/ EGMs
- National Workshop on Energy Statistics and Energy Balance
  4/27/2014 to 5/1/2014
- Training for Trainers on Energy Statistics and Balance in the Arab Region
  3/9/2014 to 3/13/2014
- Training Workshop on Environment and Energy Statistics for Arab Countries
  9/8/2013 to 9/12/2013
- National Training Workshop on Energy Statistics and Energy Balance, Khartoum, Sudan
  9/9/2013 to 9/13/2013
- Training Workshop on Energy Statistics and Energy Balance for GCC Countries, Abu Dhabi, UAE
  2/17/2013 to 2/21/2013
- Expert Group Meeting on Energy Statistics and Balance, Beirut, Lebanon
  4/18/2012 to 4/20/2012

Missions
- Follow up Mission on Energy Statistics, Erbil, Iraq
  6/1/2014 to 6/6/2014
Focus of Energy Statistics Project
2010-2014

1) technical assistance tailored to the needs of the countries;

2) expert group, methodological documents and trainings

3) enhancing the regional and international coordination and networking with the main partners (UNSD), (IEA), (IEF) and Medstat III.
Technical assistance and Needs Assessment

- Egypt, 27 March, 2012
- Qatar, 4-8 March, 2012
- UAE, 19-21 June, 2012
- Oman, February 2014
- Yemen, No Security Clearance
- Erbil, June 2014

Led by Statistical Offices, with National Partners, ESCWA staff, consultants

Needs Assessment reports produced

National working groups networks
Inter Agency Meetings

• Medstat meeting in Paris, November 2011

• 6th InterEnerStat meeting 3-4 December 2012, that was attended by 34 people from 21 international organisations to enhance coordination and standardize energy questionnaires.

• Upcoming InterEner Stat Dec 2014
EGM on Energy Statistics and Balance, 18-20 April 2012 Beirut

- In cooperation with UNSD, MEDSTAT III, IEA, and delegates from National Statistical offices, Ministries of energy and electricity, regional organizations, OAPEC and the Regional Center for Renewable Energy and Energy Efficiency (RCREEE).

- Focus on the statistical methodologies for compilation of oil, gas, electricity and renewable energy as per international standards, to prepare energy balances and accounts and derive energy indicators for evidence-based policy making.
- Coordinating statistical activities among regional and international organizations and member countries.

UAE Workshop 7-21 February, 2013: The IEA-UNESCWA Energy Statistics Training was conducted 7-21 February, 2013, in cooperation with UNSD and IEA and hosted by the National Bureau of Statistics in Abu Dhabi, United Arab Emirate

Visit to Masdar City
An important initiative developed by UNSD and ESCWA on linking energy and environment statistics as the linkages between the two sectors are structural.

**Training workshop of its kind on Environment and Energy Statistics for Arab Countries**, Amman 8-12 September 2013

Environmental and energy statistics experts from UNSD and from ES WA in cooperation with the Arab Institute for Training in Statistics (AITRS)

30 representatives from Arab countries from Statistical offices, Ministries of Environment and Energy.
Muscat, 11 March 2014: Under the Auspices of His Excellency Sultan bin Salim Al Qabas for Western Asia (UN-ESCWA) as well as the International Energy Agency (IEA),

In his address speech during the opening of the workshop, H.E. Sabir bin Said Al Busaidi, Minister of Electricity and Water Affairs, thanked ESCWA, UN-ESCWA, and IEA for their support and data and prepare statistics in the ESCWA member states. The workshop is also a part of the GCC oil statistics program to improve the quality of existing data in the GCC and across the Arab world, the 5 day workshop covers an intensive series of sessions and hands-on exercises.

The workshop was organised to increase the skills and knowledge of statistics specific to the energy sector, discussing methods of improving and developing quality control for energy statistics in the GCC and across the Arab world, the 5 day workshop covers an intensive series of sessions and hands-on exercises.
Study Visits

-Oman, Bahrain and UAE to Medstat III meeting and visit to IEA in Paris, November 2011

-3 Iraqi delegates from each of the Statistical Office, the Ministry of Petroleum and the Ministry of Electricity to participate at one-week training in the IEA headquarters in Paris 5-9 March 2012

-3 from Sudan (2 Ministry of Oil and one from Statistics Office) and 2 from Yemen (one from Statistics and one from Ministry of Oil) to train on monthly oil data JODI at the International Energy Forum Secretariat (IEFS) 24 – 28 November 2012, in Saudi Arabia
National Workshops

• Sudan Workshop: IEA-UNESCWA Energy Statistics Training, Khartoum, Sudan, 9-13 June, 2013 hosted by the Ministry of Petroleum in Sudan with the cooperation of central bureau of Statistics

• Kuwait was planned 14-17 April 2014-canceled

• Yemen and Iraq In Cairo (Security issues) in the HQ of RECREEEEEE) Last week of April

• Erbil, June 2014

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Methodological Documents

Arabic Version of the IEA training material on energy statistics

Training Manual On Methodologies For Data Collection On Energy Use By The Transport Sector And Case Studies From The Arab REGION

E-glossary Arabic-English for Statistical terms

Energy Questionnaires Translation IEA and UNSD
Country Regional and Country Profiles 2014

Energy
<table>
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<th>Link</th>
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Coal, oil and natural gas reserves
Coal, oil and natural gas reserves consist of proven reserves of anthracite, bituminous and brown coal deposits and of petroleum and natural gas reserves and fields.

Rents on subsoil assets
Rents on subsoil assets are a form of property income; they consist of the payments made to the owners of the subsoil assets by institutional units permitting them to extract the subsoil deposits over a specified period.

Subsoil assets – SNA
Subsoil assets are proven reserves of mineral deposits located on or below the earth’s surface that are economically extractable given current technology and relative prices.

About ESCWA
The Economic Commission for Western Asia (ESCWA) was established on 15 August 1973 pursuant to the Economic and Social Council’s resolution 1916 (LV). The purpose of setting up the Commission was to raise the level of economic activity in member countries and strengthen cooperation among them. It was also intended to meet the need of the countries in Western Asia for the services of a regional economic commission to promote the development efforts in the region.

Useful Links

الإسكوا - مسرد المفردات في الإحصاءات الاقتصادية

الإسكوا

عن الإسكوا

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Database, Hardware and Software

Development of database, catalogue of metadata and compilation of energy balances in cooperation with RECREE

ESCWA purchased equipments to help strengthen the collection, management and dissemination of energy statistics in selective countries.

One server is granted to the Central Administration of Statistics in Lebanon

Six laptops are granted to the National Statistics Offices of Palestine, Sudan and Yemen

Network and Forum of practitioners in cooperation with RECREE
Hands on training material

• Hands on training material coordinated with IEA and translated into Arabic by ESCWA helped in improving the skills of the officials: Theoretical background on energy products and flows followed by exercises and sessions to solve individually and at the podium.

• Two regional and three National workshops were conducted with hands on training in coordination with the IEA and UNSD.

• Cooperation with RECREEE On-Line Training.
Sample of the training Material

Module I
Annual Oil Statistics

Module II
Natural Gas Questionnaire

Module III Coal
Overview

Module IV
Renewables

Module V
Electricity

Module VI Checks and Consistency

Module VII Energy Balances

Module VIII Energy Indicators

Module IX CO2

Module X Energy Prices

Module II:
Natural Gas

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ESCWA’s Coordination with UN and Regional Organizations

- UNSD, ECE,
- IEA
- OAPEC
- JODI/EFS
- LAS
- UNEP
- WB
- Medstat until 2012 then EEA
- RECREEE
- Islamic Bank
Participation at International Revision of manuals and related documents

- Energy Statistics Questionnaires
- IRES
- SEEA-Energy
- SEEA Central Framework English and Arabic Revision
- Glossary for Data Item
- SEEA-Water IRWS