

# Training Workshop on Environment and Energy Statistics for Arab Countries

8-12 September 2013, Amman, Jordan

## Agenda

Sunday 8 September 2013

**09:00 Registration of participants**

**09:30-9:45 Opening of the Workshop**

- AITRS
- UNSD
- ESCWA
- DOS Jordan

**09:45-10:00 Objectives and organization of the workshop**

- Presentation and discussion of agenda and method of work
- Adoption of Agenda

**10:00-10:30 Introduction of participants**

**10:30-11:00 Session 1: Importance of environment and energy statistics**

This session would discuss the fundamental concepts, the situation and main challenges about environment and energy, review the policy context at global and regional level and discuss main implications from the statistical perspective

- Environment and Energy, a global perspective (Ms. Rayén Quiroga-Martínez and Ms. Ilaria DiMatteo, UNSD)

*11:00-11:20 Coffee break*

**11:20-13:00 Session 1: Importance of environment and energy statistics, continued**

- Energy and environment in the region: main challenges (Ms. Therese El Gemayel UNESCWA Consultant)
- Environment and energy: conceptual and policy issues (Ms. Therese El Gemayel, on behalf of UNEP ROWA)

General discussion

*13:00-14:00 Lunch*

**14:00-15:20 Session 2: Environment statistics**

This session will review existing methodological tools and international recommendations in the field of environment statistics and will present the components of the FDES and the Basic and Core Set of Environment Statistics

- Fundamentals of Environment Statistics (Ms. Rayén Quiroga-Martínez, UNSD)
- The Framework for the Development of Environment Statistics (FDES) 2013 (Mr. Michael Nagy, UNSD Consultant, Ministry of Development Planning and Statistics Qatar)
- The Use of the FDES and the Basic Set of Environment Statistics in Bhutan (Mr. Thomas Olsen, UNSD Consultant, Statistics Denmark)

General discussion

15:20-15:40 *Coffee break*

**15:40- 17:00 National presentations session**

- National team Qatar
- National team Tunisia

General discussion

## Monday, 9 September 2013

**09:00-11:00 Session 2: Environment statistics (continued)**

- Components, sub-components and statistical topics of the FDES 2013 and the Basic and Core Set of Environment Statistics (Ms.Rayén Quiroga-Martínez, UNSD)
  1. Environmental conditions and quality
  2. Environmental resources and their use
  3. Residuals

11:00-11:20 *Coffee break*

**11:20-13:00 Session 2: Environment statistics (continued)**

- Components, sub-components and statistical topics of the FDES 2013 and the Basic and Core Set of Environment Statistics (Ms.Rayén Quiroga-Martínez, UNSD)
  4. Disasters and extreme events
  5. Human settlements and environmental health
  6. Environment protection, management and engagement
- The Basic and Core Sets of Environment Statistics (Mr. Michael Nagy, UNSD Consultant, Ministry of Development Planning and Statistics Qatar)

13:00-14:00 *Lunch*

**14:00- 15:20 Session 2, Exercise 1 - Environment Statistics Self Assessment Tool**

- National team work, plenary presentations and discussion - (Facilitated by Michael Nagy, with cooperation of team of trainers)

15:20-15:40 *Coffee break*

**15:40- 17:00 National presentations session**

- National team Palestine
- National team Yemen

General discussion

## Tuesday, 10 September 2013

**09:00-11:00 Session 3: Energy Statistics**

The session will review concepts, definitions, classifications, data collection and compilation methods in basic energy statistics. It will provide an overview of the existing international recommendation and standards for energy statistics and will share country experiences on data availability, data sources, and data collection methods and discuss the main challenges that are faced by countries.

- International Recommendations for Energy Statistics (Ms. Ilaria DiMatteo, UNSD)
- The System of Integrated Environmental and Economic accounting for Energy and the emissions accounts (Mr. Thomas Olsen, UNSD Consultant, Statistics Denmark)

*11:00-11:20 Coffee break*

**11:20-13:00 Session 3: Energy Statistics, continued**

- Energy Statistics in the region (Ms. Therese El Gemayel UNESCWA Consultant)
- The UNSD Energy Statistics Questionnaire (Ms. Ilaria DiMatteo,UNSD)

*13:00-14:00Lunch*

**14:00- 15:20 Session 3: Energy Statistics (Continued)**

- Oil and natural gas data collection (Mr. Mohamed Al-Badrawy, UNESCWA Consultant)
- Electricity and renewable energy (Mr. Mohamed Al-Badrawy, UNESCWA Consultant)
- Energy Balances (Ms. Ilaria DiMatteo,UNSD)

*15:20-15:40 Coffee break*

**15:40 - 17:00 National presentations session**

- National team Jordan
- National team Egypt

General discussion

**Wednesday, 11 September 2013**

**09:00-10:00 National presentations session**

- National team Morocco
- National Team Sudan

**10:00-11:00 Session 4: Statistics to inform about the link between Environment and Energy**

The session will focus on the links between energy and the environment statistics and will share country experiences in their compilation.

- Energy and the Environment: inter-linkages from the FDES perspective (Mr. Michael Nagy, UNSD Consultant, Ministry of Development Planning and Statistics Qatar)

Statistics on the environmental impacts of energy production and consumption

- Environment and Energy: Wastewater, air pollution and waste (Mr. Michael Nagy, UNSD Consultant, Ministry of Development Planning and Statistics Qatar)

*11:00-11:20 Coffee break*

**11:20-13:00 Session 4: Statistics to inform about the link between Environment and Energy, continued**

Statistics on the environmental impacts of energy production and consumption

- Statistics on environment protection and resource management activities and expenditure (Mr. Michael Nagy, UNSD Consultant, Ministry of Development Planning and Statistics Qatar)

- From energy balances to Greenhouse gas emissions (Ms. Therese El Gemayel, UNESCWA Consultant)

**Session 4, Exercise 2 - From energy statistics to CO2 emissions** (Facilitated by UN ESCWA with cooperation of team of trainers)

13:00-14:00 *Lunch*

**14:00- 15:30 Session 5: Environment-energy indicators**

This session will review the commonly used environment-energy indicators. The discussion will be organized in working groups and will cover the relevance and priority of the indicators for the region and the countries, and the availability of data and methodology for the production of the most relevant indicators within the region.

- Sustainable Development indicators for the Arab region (Ms. Therese El Gemayel, UNESCWA Consultant)
- Environment-energy indicators - introduction to the Exercise (Ms. Rayén Quiroga-Martínez, UNSD)
- **Exercise 3 - Environment and energy indicators** - national teams

*Coffee break*

**15:40- 17:00 National presentations session**

- National team Mauritania
- National team Algeria

General discussion

**Thursday, 12 September 2013**

**09:00-10:30 National presentations session**

- National team Djibouti
- National team Saudi Arabia
- National team Somalia

10:30-10:45 *Coffee break*

**10:45-11:30 National presentations session**

- National team Iraq
- National team Libya

General discussion

**11:30-13:00 Session 5 Environment and Energy Indicators, continued**

- Exercise 1 - ESSAT: Short report of national teams to plenary (facilitated by UNESCWA)
- Report about energy environment indicators-Exercise 3 (facilitated by UNSD)

13:00 -14:00 *Lunch*

**14:00- 15:00 Session 6: Building technical capacities and discussing the way forward**

This session will discuss main policy issues related to energy and environment that are relevant for the region; assess specific needs for capacity building and training in the priority areas identified by the countries; and discuss the way forward to shape future training and capacity building activities.

- Conclusions and recommendations

**15:00- 15:20 Closing of the Workshop**

- AITRS
- UNSD
- ESCWA