

Environmental Indicators and their use for indicator-based reporting activities (3rd March – 7th March 2007, Cairo - Egypt)

General Overview

“Environmental indicators” is the main theme addressed in this 5-day workshop, designed to provide environmental professionals, thematic and reporting experts a general introduction to indicators from the perspective of environmental information and reporting.

In particular:

- 1) The first day of the workshop will be devoted to providing information on some background concepts and terminology relating to the environmental indicators, information pyramid and reporting frameworks (PSR/DPSIR).
- 2) On the second day, general tools for building environmental reports will be illustrated. In particular, the attention will be focused on the concept of “Indicator”. On the basis of the work developed by the European Environmental Agency (EEA), different classification systems (Descriptive, Performance and Efficiency Indicators) will be explained. A general overview of Sustainable Development indicators and “Ecological footprint” will be presented.
- 3) On the third day, decoupling and the OECD methodology for the development of decoupling indicators will be introduced. The main concepts will be illustrated through a real application implemented by the APAT: the use of a decoupling model as a tool for monitoring environmental performances of the main Italian productive sectors. On the same day, another important issue will be discussed: the concept of aggregated environmental indices and the OCSE guidelines for the building of a composite indicator.
- 4) On the fourth day, a survey of the most advanced worldwide core set of indicators will be made. Evolution, purposes, indicators typologies will be illustrated as well as practical examples. Special attention will be paid to the APAT core set.
- 5) On the last day, the results of each working group will be presented and discussed.

Course Outcomes

At the end of the course, participants should:

- Be familiar with the concept of environmental indicators, the related classification systems and the difference between indicators and indices.
- Have a general idea of the use of indicators in the state-of-the-environment reportings, environmental yearbooks, environmental signals, etc.
- Have a clear understanding of the PSR and DPSIR reporting frameworks and their relationships with environmental indicators.
- Have a background knowledge of decoupling and the related OECD methodology.
- Have a background knowledge of the main indicators core set

Structure of each daily session

Each daily session will consist of morning keynote lectures and afternoon in-class working group exercises. The number of the working groups will depend on the number of participants.

Suggested number of participants

Between 25 and 30 (max), in order to proficiently carry out the afternoon in-class exercises.

Language

The working language of the meeting is English.

Organizing team

The organizing team of the APAT will consists of four statisticians, Dr. Mariaconcetta Giunta, Dr. Cristina Frizza, Dr. Giovanni Finocchiaro and Dr. Guido Fioravanti, and the environmental economist, Dr. Luca Segazzi. The Italian team will be supported by the EEAA.

Workshop Agenda (1)

Day 1 (Saturday, 3 March 2007)

Registration

Opening Statement (Dr Hoda, Dr. Beretta, Dr. Giunta)

Participant Introductions

Practical exercise to test participants' knowledge on environmental indicators

Lunch

Title of the workshop: "*Environmental Indicators and reporting, main methodological concepts*" (Presented by Dr. Guido Fioravanti)

Day 2 (Sunday, 4 March 2007)

Title of the workshop: "*Environmental Reporting: Typology of Indicators*" (presented by Dr. Cristina Frizza)

Lunch

Working group exercise N° 1

Day 3 (Monday, 5 March 2007)

Title of the workshop: "*Decoupling model*" (Presented by Dr. Giovanni Finocchiaro)

Title of the workshop: “*Environmental composite indicators*” (Presented by Dr Mariaconcetta Giunta)

Lunch

Working group exercise N° 2

Working group exercise N° 3

Day 4 (Tuesday, 6 March 2007)

Title of the workshop: “*The most advanced core sets of indicators*” (Presented by Dr Mariaconcetta Giunta.)

Lunch

Working group exercise N° 4: workshop participants will be divided into sub-groups, each one corresponding to a different topic area. Each group will decide and draft a list of potential environmental indicators for Egypt.

Day 5 (Wednesday morning, 7 March 2007)

Each working group will illustrate and discuss the general results of the practical exercise N° 4.
Closing Ceremony

Workshop Agenda (2)

	1 Day	2 Day	3 Day	4 Day	5 Day
9:30 – 11:00	Registration /Opening Statement/Participant Introductions	“Environmental Reporting: Typology of Indicators”	“Decoupling model”	“The most advanced core sets of indicators”	Working group exercise N° 4 (general debate)
11:00- 11:30	Coffee break				
11:30- 13:00	Test your lack of knowledge of environmental indicators	“Environmental Reporting: Typology of Indicators”	“Environmental composite indicators”	“The most advanced core sets of indicators”	Working group exercise N° 4 (general debate) Closing Statement
13:00 – 14:30	Lunch break				
14:30- 16:30	Environmental Indicators and reporting, main methodological concepts	Working group exercise N° 1	Working group N° 2 Working group exercise N° 3	Working group exercise N° 4	

Information on Practical Arrangements

Location and dates

The workshop will take place in Maadi Hotel, from 03-03-2007 to 07-03-2007.

Address: Misr Helwan Elzeraee Road, Maadi

Contact persons (EEAA): Salah Elsherrif

How to reach it: Maadi Hotel is beside EEAA Building (**please, provide the participants detailed information on how to reach the place where the workshop will take place**)

Facilities

In order to show PowerPoint slides, the Italian team will be provided of a multimedia projector and a personal computer with Windows and the suite Microsoft Office. An internet connection would be advisable.

Below, a proposal of “Registration form”

Registration Form

Participants are requested to fill in the attached registration form and return it to (**EEAA contact persons**) by Salah Elsherrif (**as soon as possible in order to have a general idea of how many people will attend the course and the institutions where they come from**).

Registration Form

First Name:

Family Name:.....

Occupation or Position:

Institution or organization for which you are currently working:.....

Full postal professional address.....
.....**Tel**.....**Fax**.....**e-mail**.....

Please send this form completed to.....as soon as possible....