

Presentation of the Workshop

“Environmental and Soil Management Systems”

Mr. Gaetano Battistella

APAT

Agency for Environmental Protection and Technical Services

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1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (I)

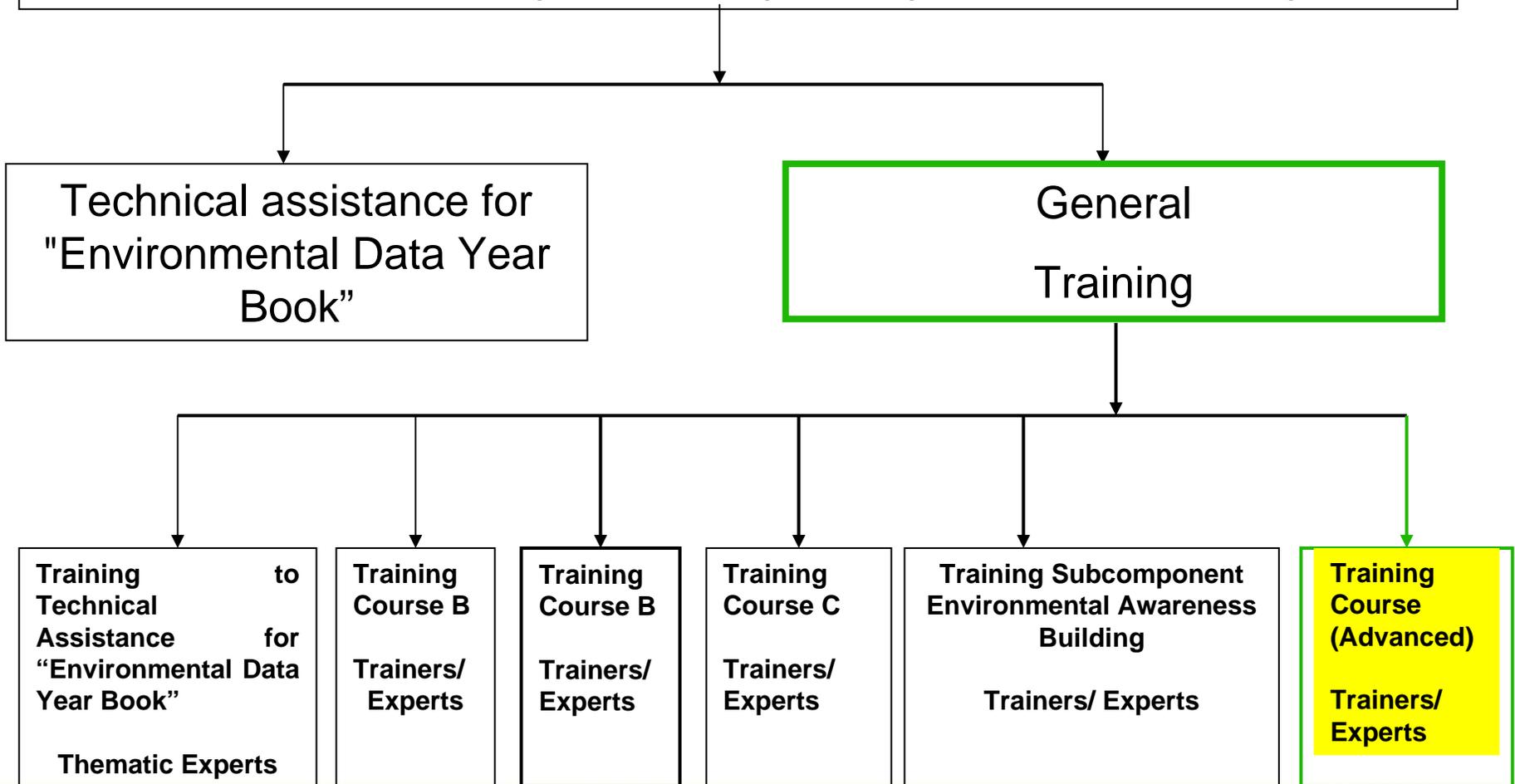
The program “Capacity Building and Strengthening Institutional Arrangement” aims at strengthening the technical and institutional capacity building of Egyptian Environmental Affairs Ministry and other environmental affairs Institutions through sharing technical, scientific and management knowledge and experience in order to develop the required and specific skills.

In this context APAT is working jointly with the Egyptian Ministry for Environmental Affairs:

1. To strengthen the capacity of Egyptian Environmental Affairs Agency (EEAA) to develop the Egyptian Environmental Data Yearbook
2. To develop general training programs in various environmental fields, according to EEAA requirements and indications, and to implement awareness programmes for most feasible areas or sectors of intervention
3. To organise more detailed Workshops (advanced) to analyse in deep some specific items of EEAA interest and supply specialists’ expertises

1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (II)

Project: “Capacity Building and Strengthening Institutional Arrangement”



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (III)

Previous workshops carried out, after the “Kick off meeting”:
Environmental Awareness Building, 3rd – 6th December 2005;



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (IV)

Capacity Building for EEAA Training Departments, 19th – 23rd February 2006;



Capacity Building for EEAA Training Departments (Advanced), April 2nd–6th 2006:



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (VI)

Analysis and sampling of air and air pollution, 14th – 18th May 2006



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (VII)

Analysis and sampling of water and water pollution, 11th – 15th June 2006



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (VIII)

Quantitative risk assessment of oil and gas plants, 12th - 16th November 2006



Environmental Impact Assessment (EIA) (for assessors) 10th - 14th December 2006

Sustainable Development 17th – 22nd February 2007

Best Available Techniques (BAT) 18th - 22th March 2007

Hazardous Substances and Wastes” 20th – 24th May 2007

Coastal Areas Environmental Impacts Assessment and Management 26th-31st January 2008

2. “Environmental and soil management systems”(I)

The Workshop ‘Environmental and soil management systems’ is organized in 6 modules including specific Case Studies and Working Groups, with facilities provided by EEAA and the main goal to share APAT and EEAA previous experiences and technical know-how following EEAA indications and APAT previously experiences in this field.

1st Module: Environmental Management Systems

2nd Module: Environmental Management Systems Implementation

3rd Module: Natural Hazards and Land Management

4th Module: Development of a National Strategy for the Management of Contaminated Sites

5th Module: Development of a National Strategy for the Management of Contaminated Sites

6th Module: Application of ‘Polluter-Pays-Principle’ and Environmental Liability Issues

2. “Environmental and soil management systems”(II)

First Module: “Environmental Management Systems”

APAT-EEAA: “Brainstorming” (based on experiences)

- Environmental Management Systems (EMAS) inside European Union strategy for the environment (V[^] and VI[^] Action Plan);

APAT-EEAA: “Brainstorming” (based on experiences)

- Real differences (contents, certification and accreditation schemes, efficiency, transparency) between different Environmental Management Systems tools (ISO 14001, EMAS, informal EMS);

APAT-EEAA: “Case Study 1” (based on experiences)

- Environmental Statement of an Italian Municipality;

APAT-EEAA: Working group n° 1

“Communication tools for Certified Organizations (ISO and EMAS) and their specific relevance for public institutions”

2. “Environmental and soil management systems”(III)

Second module: “Environmental Management Systems Implementation”

APAT-EEAA: “Brainstorming” (based on experiences)

- Legislative measures taken in the European Union and in Italy for EMAS and ISO companies concerning deregulation (I.e. regulatory relief, simplification, integration with national environmental legislation), direct and indirect funding, technical support, information support;

APAT-EEAA: “Brainstorming” (based on experiences)

- Specific issues to be addressed by a public institution while implementing an EMS and specifically EMAS in terms of ‘territorial management’;

APAT-EEAA: “Brainstorming” (based on experiences)

- Environmental review of an Italian Municipality;

APAT-EEAA: Working group n° 2

“Develop an Environmental Review of a Municipality of Egyptian interest, also using EEAA available data or other EEAA documentation”.

2. “Environmental and soil management systems”(IV)

Third Module: “Natural Hazards and Land Management ”

APAT-EEAA: “Brainstorming” (based on experiences)

- Hydro-geological risk and mitigation measures. Best practices (Projects IFFI, Rendis, PAI);

APAT- EEAA: “Brainstorming” (based on experiences)

- Seismic hazard and environmental impact of earthquakes (Active Fault Database – ITHACA, Tsunami). Other hazards (volcanism, fires, subsidence, erosion);

APAT- EEAA: “Brainstorming” (based on experiences)

- “Land Monitoring. Best practices of Land cover changes (CORINE), Urban and infrastructure growth (MOLAND);

APAT-EEAA: Working group n° 3 “Development of natural risk evaluation for defined sites of Egyptian interest, also using EEAA available data and other documental information”.

2. “Environmental and soil management systems”(V)

Fourth Module: “Development of a National Strategy for the management of contaminated sites (I)”

APAT-EEAA: “Brainstorming” (based on experiences)

- The National Priority List (NPL) for the remediation of contaminated sites in Italy and related funding mechanisms;

APAT-EEAA: “Brainstorming” (based on experiences)

- The Case Study of Porto Marghera – Venice Lagoon National Priority List Site and the role of the voluntary agreement for the chemical industry;

APAT-EEAA: “Brainstorming” (based on experiences) (continued)

- The Case Study of Porto Marghera – Venice Lagoon National Priority List Site and the role of the voluntary agreement for the chemical industry;

APAT- EEAA: Working group n° 4: “Development of human risk evaluation for defined sites of Egyptian interest, also using EEAA available data and other documental information”

2. “Environmental and soil management systems”(VI)

Fifth Module: “Development of a National Strategy for the management of contaminated sites (II)”

APAT-EEAA: “Brainstorming” (based on experiences)

- The Case Study of Cogoleto National Priority List Site (Chromium VI contamination);

APAT-EEAA: “Brainstorming” (based on experiences)

- Development of the human health risk assessment for the site of the Cogoleto NPL site according to APAT guidelines for risk assessment;

APAT-EEAA: “Brainstorming” (based on experiences) (continued)

- Development of the human health risk assessment for the site of the Cogoleto NPL site according to APAT guidelines for risk assessment

APAT-EEAA: Working Group n° 5: “Development of human health risk assessment for a Chromium VI (guide contaminant) polluted site of Egyptian interest, also using EEAA available data and other documental information”

2. “Environmental and soil management systems”(VII)

Sixth Module: “Application of ‘Polluter-pays-principles’ and environmental liability issues ”

APAT-EEAA: “Brainstorming” (based on experiences)

- The application of ‘polluter-pays-principles’ according to European Union regulation;

APAT-EEAA: “Brainstorming” (based on experiences)

- The regulation on environmental liability in Italy: analysis and discussion of case studies;

APAT-EEAA: Working Group n° 6 “Development of a methodology for the quantification of the environmental damages: the case study of the Cogoletto NPL site”

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Environmental e-learning

Last update: 17/01/2008

Environmental e-learning is an innovative tool aimed to promote both the development of scientific and technical knowledge in the environmental protection field, in a flexible way and a wide general knowledge on environmental issues, based on scientific and technical data.

For further information: fed@apat.it

How to participate to APAT environmental e-learning

All the e-learning courses published on-line are free available, without issuing certificate of participation or of knowledge acquired.

To receive user and password in your own mailbox you have to fill up the registration form related to the specific training course.

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news on E-learning



Environmental and soil management systems

Are available on-line the contents of the Workshop "Environmental and soil management systems", addressed to EEA's experts



Coastal Areas Environmental Impacts Assessment And Management

Are available on-line the contents of the Workshop "Coastal Areas Environmental Impacts Assessment And Management"

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 **Soil**

Environmental and soil management systems

The course (advanced Workshop) is finalized to the analysis and the implementation of Environmental Management Systems to the main problems of territorial management and land use, with a particular attention to the aspects of natural resources protection and environmental restoration by means of specific clean up activities.
The contents of the course are developed within the Egyptian and Italian Cooperation Programme on Environment and therefore they are available only for the EEAA's technicians and of other Egyptian environmental Institutions

MODULE 1
Environmental Management Systems

Unit 1	Presentation of the Workshop Mr. Gaetano Battistella - APAT	<input type="checkbox"/>
Unit 2	Environmental Management Systems (EMAS) inside European Union strategy for the environment (V th and VI th Action Plan) Mr. Paolo Molinas, Ms. Mara D'Amico - APAT	<input type="checkbox"/>
Unit 3	Real differences (contents, certification and accreditation schemes, efficiency, transparency) between different Environmental Management Systems tools (ISO 14001, EMAS, informal EMS) Mr. Paolo Molinas, Ms. Mara D'Amico - APAT	<input type="checkbox"/>
Unit 4	Case Study 1: Environmental Statement of an Italian Municipality Mr. Paolo Molinas, Ms. Mara D'Amico - APAT	<input type="checkbox"/>

3.References

www.apat.gov.it

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