"Capacity Building and Strengthening Institutional Arrangement"

Workshop: "Sustainable Development"

Presentation of the workshop

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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 will help the Egyptian Ministry for Environmental Affairs:
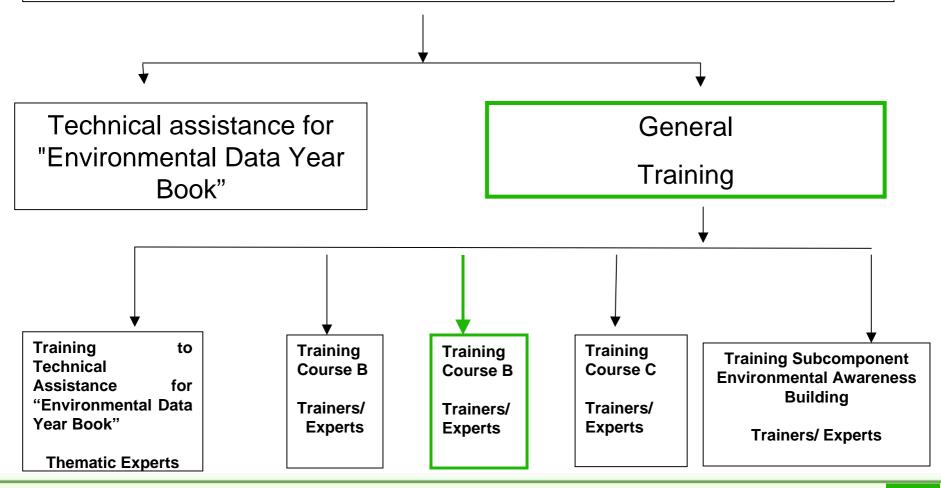
1. To strengthen the capacity of Egyptian Environmental Affairs Agency (EEAA) to develop the Egyptian Environmental Data Yearbook

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.

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

Project: "Capacity Building and Strengthening Institutional Arrangement"

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Technical assistance for "Environmental Data Year Book"

General Training
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| Training to Technical Assistance for "Environmental Data Year Book" Thematic Experts | Training Course B Trainers/ Experts | Training Course B Trainers/ Experts | Training Course C Trainers/ Experts | Training Subcomponent Environmental Awareness Building Trainers/ Experts |

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' (V)

Other photos related the workshops already performed:

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

2. "Sustainable Development"(I)

The workshop 'Sustainable Development" 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 about Sustainable Development following EEAA indications and APAT previously experiences in this field:

Sustainable Development

1st Module: Sustainable Development

2nd Module: Environmental Education for Sustainable Development

3rd Module: Environmental Tools for Sustainable Development

4th Module: Case Study of indicators use for Sustainable Development

5th Module: Environmental Management System for Sustainable Development

6th Module: Environmental Management System Auditing for Sustainable Development

2. "Sustainable Development" (II)

First Module: "Sustainable Development"

APAT-EEAA: "Brainstorming" (based on experiences)
• Sustainable Development fundamentals;

APAT-EEAA: "Brainstorming" (based on experiences) (continued)
• Guidelines for environmental protection aspects of sustainable development;
• Best practises of sustainable development;

APAT-EEAA: Working group n° 1
"Design a sustainable development plan, initiative or activities for environmental protection"

2. "Sustainable Development" (III)

Second module: "Environmental Education for Sustainable Development "

APAT-EEAA: "Brainstorming" (based on experiences)
• Environmental education for sustainable development;

APAT-EEAA: "Brainstorming" (based on experiences)
 Environmental education training course for sustainable development;

APAT-EEAA: "Brainstorming" (based on experiences)
 Environmental education tools for sustainable development

APAT-EEAA: Working group n° 2 "Design a project for a training course for educators for sustainable development"

2. "Sustainable Development" (IV)

Third Module: "Environmental tools for sustainable development"

APAT-EEAA: "Brainstorming" (based on experiences)
• Environmental Indicators for sustainable development communication at local level;

APAT- EEAA: "Brainstorming" (based on experiences) (continued)
• EIA environmental indicators for sustainable development

APAT- EEAA: "Brainstorming" (based on experiences) (continued)
• Use of EIA environmental indicators for sustainable development

APAT-EEAA: Working group n° 3 "Perform an environmental sensitive analysis for a defined project using EIA environmental indicators for sustainable development (using EEAA available filled EIA Forms and documentation)"

2. "Sustainable Development" (V)

Fourth Module: Case Studies of indicators use for Sustainable Development

APAT-EEAA: "Brainstorming" (based on experiences)
• Case Study 1 (Knowledge): EIA of a project using environmental indicators for sustainable development (using EEAA available filled EIA Forms and documentation);

APAT-EEAA: "Brainstorming" (based on experiences)
• Case Study 2 (Process *in itinere*): EIA of a project environmental indicators for sustainable development;

APAT- EEAA: "Brainstorming" (based on experiences)
• Case Study 3 (Final evaluation): EIA of a project using environmental indicators for sustainable development (using EEAA available filled EIA Forms and documentation);

2. "Sustainable Development" (VI)

Fifth Module: "Environmental Management System for Sustainable Development"

APAT-EEAA: "Brainstorming" (based on experiences)
• Environmental Management Systems for Sustainable Development;

APAT-EEAA: "Brainstorming" (based on experiences)
• EMAS and ISO 14000 standards

APAT-EEAA: Working Group n° 4
"Design an environmental management system for sustainable development"

2. "Sustainable Development" (VII)

<u>Sixth Module: Environmental Management System Auditing for Sustainable Development:</u>

APAT-EEAA: "Brainstorming" (based on experiences)
• Environmental Management System Auditing for Sustainable Development;

APAT-EEAA: "Brainstorming" (based on experiences) (continued)
• Checklists for Environmental Management System Auditing;

• Presentation of results of Working group N. 4;

• Conclusions and closing of the works;

3. Sustainable Development Indicators

In EU, for an example, 10 environmental related indicators highlight trend relevant to the priority of environmental potention actions, and they are:
1) Climate change
2) Transport
3) Energy intensity
4) Electricity from renewables
5) Biodiversity – Bird populations
6) Fisheries – Catches outside safe limits
7) Organic Farming
8) Municipial Waste
9) Air emissions
10) Urban air quality

•The details of such indicators are show by the following presentations during the workshop

www.formeducambiente.apat.it/site/en-GB/Environmental_e-learning/

www.formeducambiente.apat.it/site/en-GB/Environmental_e-learning/

3.References

www.apat.gov.it

www.formeducambiente.apat.it

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