

“Capacity Building and Strengthening Institutional Arrangement”

Workshop: “Sustainable Development”

**Presentation of the workshop**

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APAT

Agency for Environmental Protection and Technical Services

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

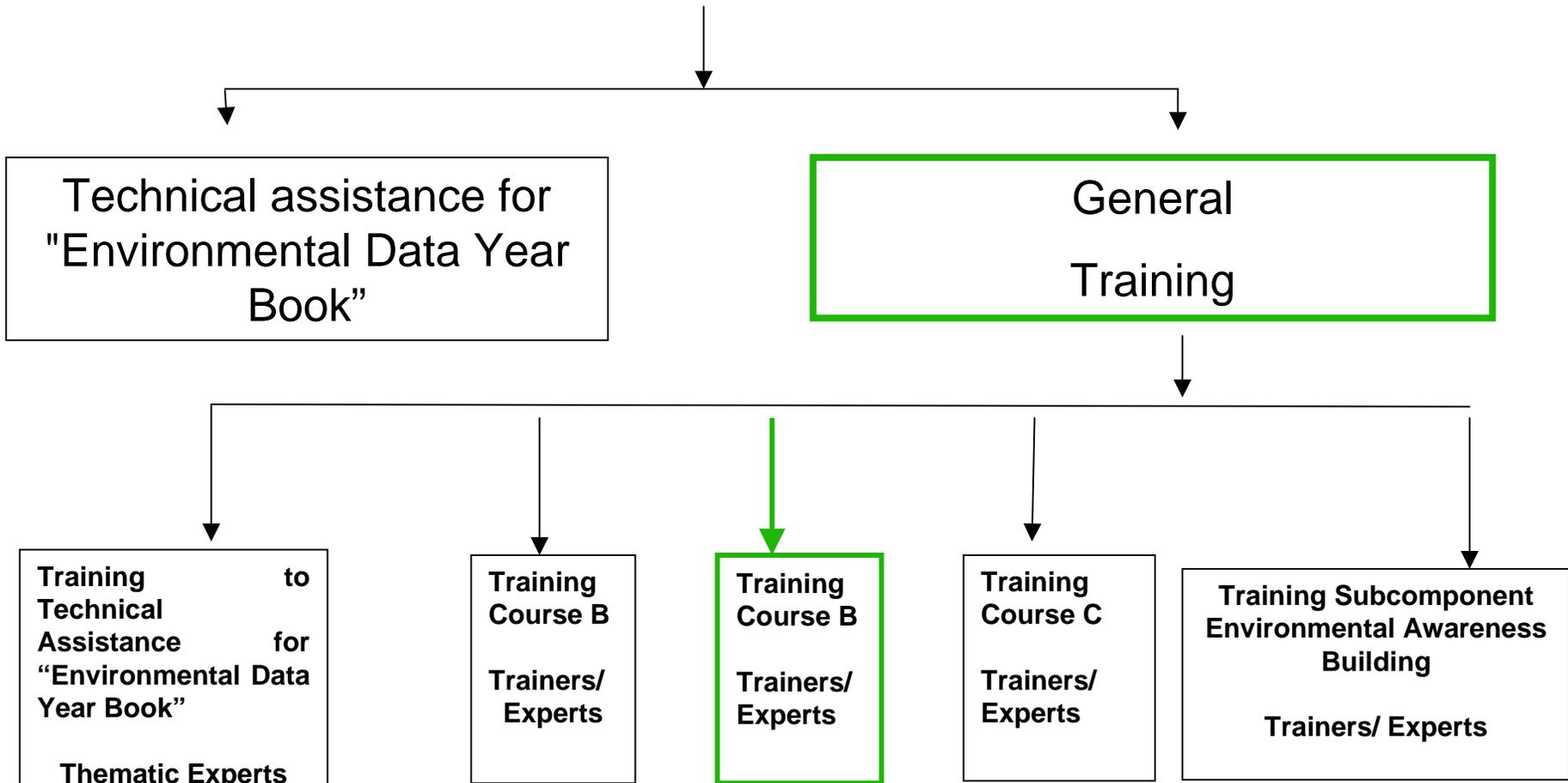
The program "Capacity Building and Strengthening Institutional Arrangement" aims at strengthening the technical and institutional capacity building of Egyptian Environmental Affairs Ministry and other environmental affairs Institutions through sharing technical, scientific and management knowledge and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

In this context APAT 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”



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

Previous workshops carried out, after the Kick off meeting":  
Environmental Awareness Building, 3<sup>rd</sup> – 6<sup>th</sup> December 2005;



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

Capacity Building for EEAA Training Departments, 19<sup>th</sup> – 23<sup>rd</sup> February 2006;



Capacity Building for EEAA Training Departments (Advanced), April 2<sup>nd</sup> – 6<sup>th</sup> 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, 14<sup>th</sup> – 18<sup>th</sup> May 2006



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

Analysis and sampling of water and water pollution, 11<sup>th</sup> – 15<sup>th</sup> 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) – 10<sup>th</sup> - 14<sup>th</sup>  
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

1<sup>st</sup> Module: Sustainable Development

2<sup>nd</sup> Module: Environmental Education for Sustainable Development

3<sup>rd</sup> Module: Environmental Tools for Sustainable Development

4<sup>th</sup> Module: Case Study of indicators use for Sustainable Development

5<sup>th</sup> Module: Environmental Management System for Sustainable Development

6<sup>th</sup> 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)

### Sixth Module: Environmental Management System Auditing for Sustainable Development:

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) Municipal 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/](http://www.formeducambiente.apat.it/site/en-GB/Environmental_e-learning/)




Educazione e formazione ambientale

▼ Sustainable Development - Capacity Building And Strengthening Institutional Arrangement

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Environmental Culture and Sustainable Development

Sustainable Development - Capacity Building And Strengthening Institutional Arrangement

The course is finalised to deepen technical and scientific knowledge on sustainable development introducing to fundamental concepts, guidelines, best practices and environmental education for sustainability. Are also dealt with the specific tools for sustainable development such as the indicators of environmental impact assessment and the environmental management systems (EMAS).  
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		
Sustainable Development		
Unit 1	Presentation of the Workshop Mr. Gaetano Battistella - APAT	<input type="checkbox"/>
Unit 2	Sustainable development fundamentals Mr. Gaetano Battistella, Ms. Stefania Calicchia - APAT	<input type="checkbox"/>
Unit 3	Guidelines for environmental protection aspects of sustainable development Mr. Gaetano Battistella, Ms. Stefania Calicchia - APAT	<input type="checkbox"/>
Unit 4	Best practices of sustainable development Mr. Gaetano Battistella, Ms. Stefania Calicchia - APAT	<input type="checkbox"/>
Unit 5	Working group: Design a sustainable development plan, initiative or activities for environmental protection Mr. Gaetano Battistella, Ms. Stefania Calicchia - APAT	<input type="checkbox"/>

[www.formeducambiente.apat.it/site/en-GB/Environmental\\_e-learning/](http://www.formeducambiente.apat.it/site/en-GB/Environmental_e-learning/)



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## Environmental e-learning

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### Environmental Culture and Sustainable Development

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[» Training Course](#)

▼ Available Courses

- ▶ Air
- ▶ Water
- ▶ Soil
- ▶ Nature and Biodiversity
- ▶ Energy and Radiations
- ▶ **Environmental Culture and Sustainable Development**

### 3.References

[www.apat.gov.it](http://www.apat.gov.it)

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