

# Presentation of the Workshop

## “Acoustic pollution and measurements”

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APAT

Agency for Environmental Protection and Technical Services

## Index

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

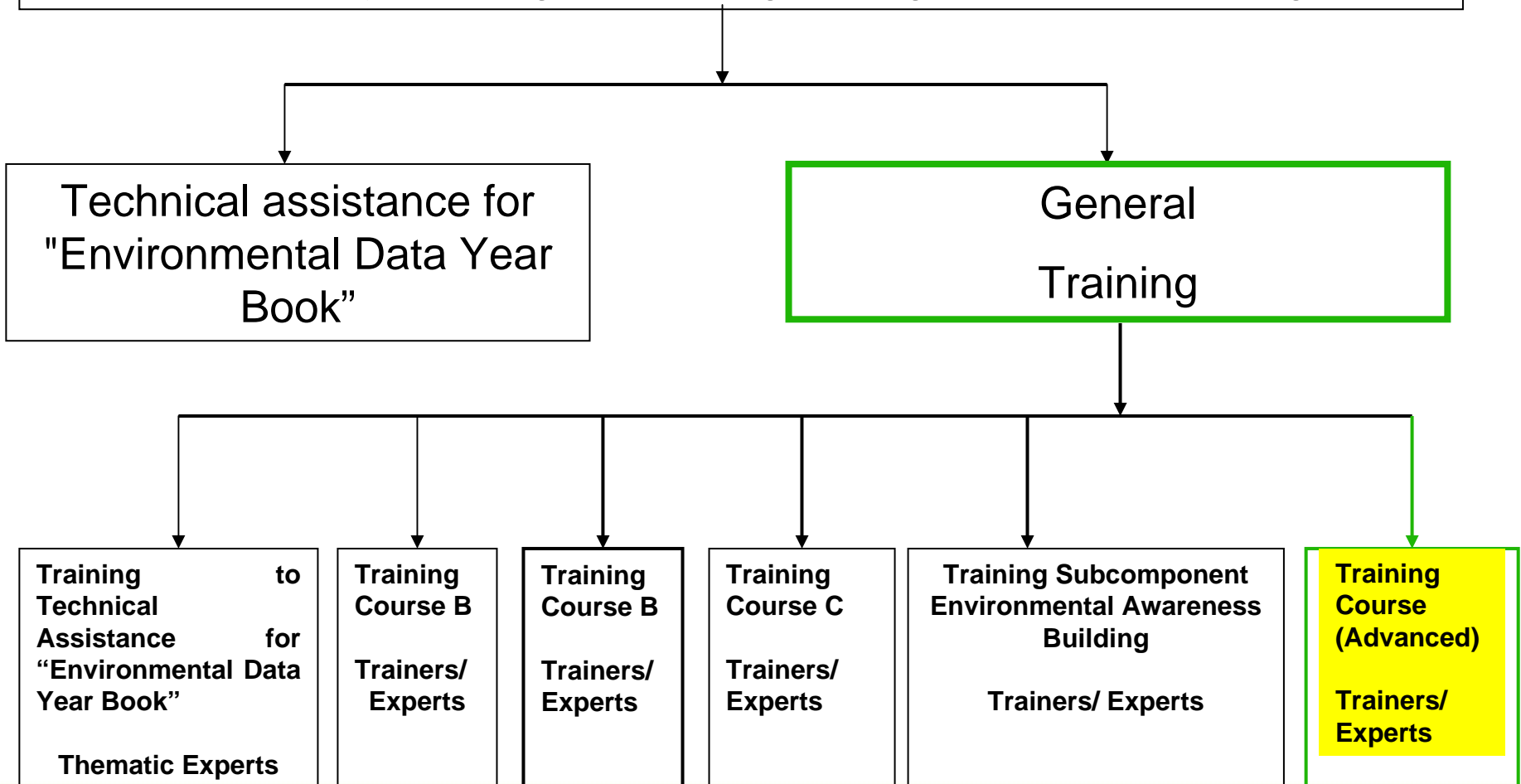
The program “Capacity Building and Strengthening Institutional Arrangement” aims at strengthening the technical and institutional capacity building of Egyptian Environmental Affairs Ministry and other environmental affairs Institutions through sharing technical, scientific and management knowledge and 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 and perform more detailed Workshops (advanced) to analyse in deep 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, 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’ (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

Sustainable Development 17<sup>th</sup> – 22<sup>nd</sup> February 2007

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

Hazardous Substances and Wastes” 20<sup>th</sup> – 24th May 2007

Coastal Areas Environmental Impacts Assessment and Management 26<sup>th</sup>-31<sup>st</sup> January 2008

Environmental and soil management systems 9<sup>th</sup> – 14<sup>th</sup> February 2008

## 2. “Acoustic pollution and measurements”(I)

The Workshop ‘Acoustic pollution and measurements’ is organized in 5 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, performing also some noise measurements.

1<sup>st</sup> Module: Introduction to Environmental Noise and its Regulation

2<sup>nd</sup> Module: Environmental Noise Control Tools

3<sup>rd</sup> Module: Environmental Noise by Airport, Road and Railway Transport

4<sup>th</sup> Module: Environmental Noise Measurements

5<sup>th</sup> Module: Noise inside Working Places

## 2. “Acoustic pollution and measurements”(II)

### First Module: “Introduction to Environmental Noise and its Regulation”

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

- Environmental Noise – Physical Principles and Parameters;

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

- Introduction to the Italian legislation as example of regulations on environmental noise;

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

- The noise framework law and its relationship with other land-use planning tools;

APAT-EEAA: Working group n° 1

“A tentative draft of an Egyptian legislation on environmental noise”

## 2. “Acoustic pollution and measurements”(III)

### Second module: “Environmental Noise Control Tools”

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

- Acoustic territorial zoning and reclamation plans;

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

- Italian legislation and the different noise sources: road, railway;

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

- Measurements methods and analysis for road, and railway noise

APAT-EEAA: Working group n° 2

“Tentative acoustic territorial zoning of the Egyptian territories”.

## 2. “Acoustic pollution and measurements”(IV)

### Third Module: “Environmental Noise by Airport, Road and Railway Transport”

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

- The airport noise;

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

- Italian experience on airport noise;

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

- Italian e4xperience on transport (road and railway) noise;

APAT-EEAA: Working group n° 3

- Practical application of measure methods

## 2. “Acoustic pollution and measurements”(V)

### Fourth Module: “Environmental Noise Measurements”

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

- Measurements methods and analysis of airport noise;

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

- Knowledge and information to the public: which instruments?;

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

- Industry noise: legislation and measure methods;

APAT- EEAA: Working group n° 4:

“Practical application of measure methods”

## 2. “Acoustic pollution and measurements”(VI)

### Fifth Module: “Noise inside Working Places”

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

- European legislation on noise: the END – 2002/49/CE;

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




- Noise inside working places;

APAT-EEAA: Working Group n° 5:

“Tentative practical information system for Egypt”

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Educazione e formazione ambientale

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■ Acoustic Pollution And Measurements

The course (advanced Workshop) is finalized to analyse the activities of acoustic pollution analysis and control for environmental protection and remediation, by means of the analysis of standards and regulation, urban planning methodologies and measurements techniques, with particular attention to the different typologies of noise pollution in airports, roads, railways, working places and industries.

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

Introduction to environmental noise and its regulations

Unit 1	Presentation of the Workshop Mr. Gaetano Battistella - APAT	<input type="checkbox"/>
Unit 2	Environmental Noise - Physical Principles And Parameters Mr. Salvatore Curcuruto, Ms. Rosalba Silvaggio - APAT	<input type="checkbox"/>
Unit 3	Introduction to the Italian legislation as example of regulations on environmental noise Mr. Salvatore Curcuruto, Ms. Francesca Sacchetti - APAT	<input type="checkbox"/>
Unit 4	The noise framework law and its relationship with other land-use planning tools Mr. Salvatore Curcuruto, Ms. Rosalba Silvaggio - APAT	<input type="checkbox"/>
Unit 5	Working Group 1: A tentative draft of an Egyptian legislation on environmental noise Mr. Salvatore Curcuruto, Ms. Rosalba Silvaggio, Ms. Francesca Sacchetti, Mr. Gaetano Battistella - APAT	<input type="checkbox"/>

## 3.References

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

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