

"Capacity Building and Strengthening Institutional Arrangement"

Workshop: "Best Available Techniques (BAT)"

Presentation of the workshop

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APAT

Agency for Environmental Protection and Technical Services

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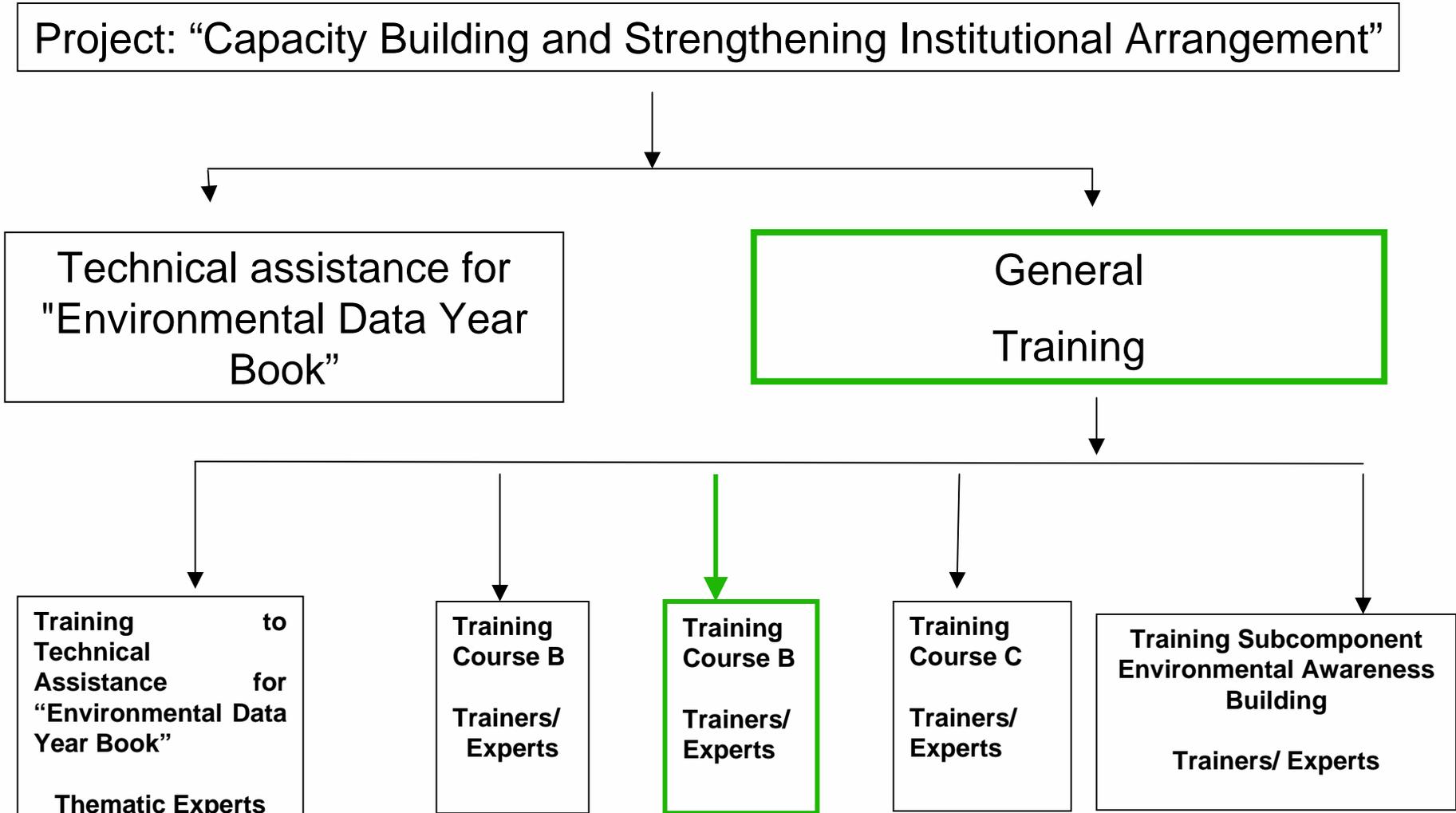
1. APAT-EEA Project 'Capacity building and Strengthening Institutional Arrangement' (I)

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)



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

Sustainable Development - 17th – 22nd February 2007

2. "Best Available Techniques (BAT)"(I)

The workshop 'Best Available Techniques (BAT)' 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 about Best Available Techniques (BAT) following EEAA indications and APAT previously experiences in this field:

Best Available Techniques (BAT)

1st Module: BAT ON CEMENT INDUSTRIES

2nd Module: BAT ON SMELTER AND METAL INDUSTRIES

3rd Module: BAT ON FERTILIZERS INDUSTRIES

4th Module: BAT ON PAINT, PLASTICS AND ITS RECYCLING INDUSTRIES

5th Module: BAT ON TEXTILE AND WEAVING INDUSTRIES

2. “Best Available Techniques (BAT” (II)

First Module: “BAT ON CEMENT INDUSTRIES”

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

- EU Directive 96/61/EC Best available techniques (BAT) and Reference documents on BAT (BREFs);

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

- BREFs on Cement industries ;

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

- BAT on Cement industries;

APAT-EEAA: Working group n° 1

“Describe the running process technologies for Cement industries, related environmental issues and possible BAT implementation”

2. "Best Available Techniques (BAT)" (III)

Second module: "BAT ON SMELTER AND METAL INDUSTRIES "

APAT-EEAA: "Brainstorming" (based on experiences)

- BREFs on Smelter and Metal industries;

APAT-EEAA: "Brainstorming" (based on experiences)

- BAT on Smelter industries (ferrous and no ferrous);

APAT-EEAA: "Brainstorming" (based on experiences)

- BAT on Metal industries;

APAT-EEAA: Working group n° 2 "Describe the running process technologies for Smelter and metal industries, related environmental issues and possible BAT implementation'

2. "Best Available Techniques (BAT)" (IV)

Third Module: "BAT ON FERTILIZERS INDUSTRIES "

APAT-EEAA: "Brainstorming" (based on experiences)
• BREFs on Fertilizers industries;

APAT- EEAA: "Brainstorming" (based on experiences) (continued)
• BAT on Fertilizers industries;

APAT- EEAA: "Brainstorming" (based on experiences) (continued)
• BAT on Fertilizers industries;

APAT-EEAA: Working group n° 3 "Describe the running process technologies for Fertilizers industries, related environmental issues and possible BAT implementation'.

2. "Best Available Techniques (BAT)" (V)

Fourth Module: BAT ON PAINT, PLASTICS AND ITS RECYCLING INDUSTRIES

APAT-EEAA: "Brainstorming" (based on experiences)

- BREFs on Paint and Plastics and its recycling industries;

APAT-EEAA: "Brainstorming" (based on experiences)

- BAT on Paint industries;

APAT-EEAA: "Brainstorming" (based on experiences)

- BAT on Plastics and its recycling industries;

APAT- EEAA: Working group n° 4 Describe the running process technologies for Paint, plastics and its recycling industries, related environmental issues and possible BAT implementation

2. “Best Available Techniques (BAT)” (VI)

Fifth Module: “BAT ON TEXTILE AND WEAVING INDUSTRIES ”

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

- BREFs on Textile and weaving industries ;

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

- BREFs on Textile and weaving industries ;

APAT-EEAA: Working Group n° 4

“Describe the running process technologies for Textile and weaving industries, related environmental issues and possible BAT implementation’.

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▼ **Best Available Techniques (BAT)**

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Environmental Culture and Sustainable Development

■ **Best Available Techniques (BAT)**

The course deals with the Best Available Techniques (BAT) applicable to the different industry sectors with particular reference to cement, smelter, metal, fertilizer, paint, plastics and its recycling industries. The reference documents on BAT,BREFs, related to the industry sectors analysed are also explained.
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MODULE 1
Bat on Cement Industries

Unit 1	Presentation of the Workshop Mr. Gaetano Battistella - APAT	
Unit 2	EU Directive 96/61/EC Best available techniques (BAT) and Reference documents on BAT (BREFs) [pdf 160Kb] Mr. Giovanni Pino - APAT	
Unit 3	BREFs on Cement industries [pdf 305Kb] Mr. Giovanni Pino - APAT	
Unit 4	BAT on Cement Industries [pdf 286Kb] Mr. Giovanni Pino - APAT	

3.References

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