

# Environmentally Sound Management

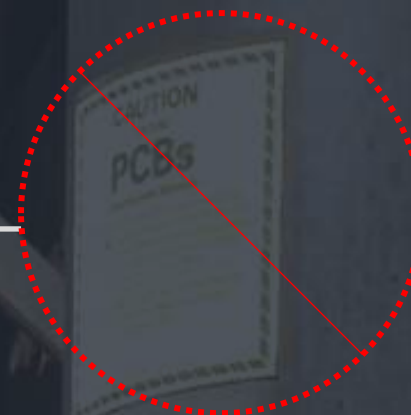
of equipment, stocks and wastes containing or contaminated by  
PCBs in national electricity companies of Mediterranean countries



Program Officer UNEP MAP: Tatjana Hema  
Project Manager UNEP MAP SCPRAC: Manolo Clar



# An effective MedPartnership to eliminate PCBS





## 1

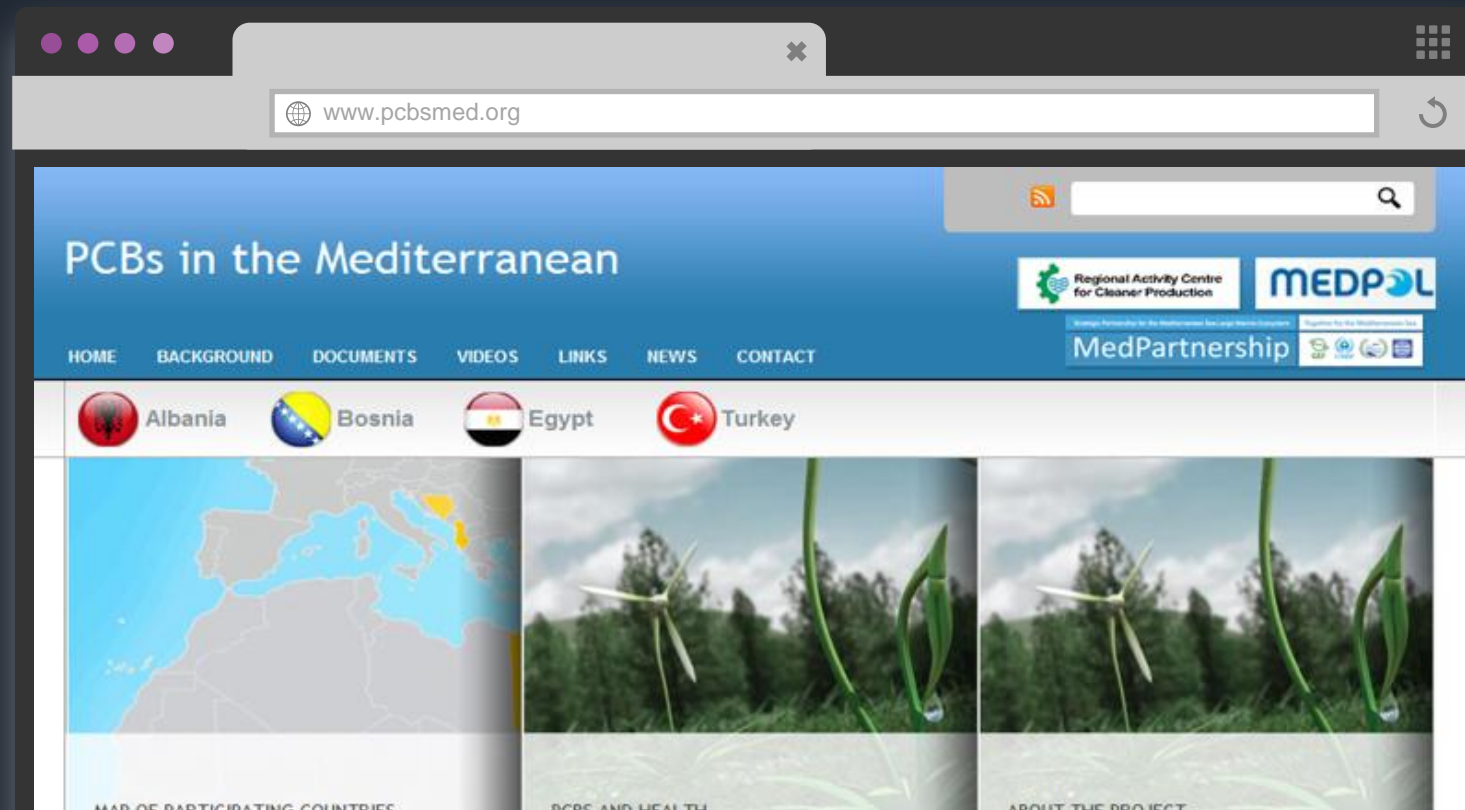
Supporting the establishment of a **National PCBs management team**





## 3

A “PCBs in the Mediterranean” website  
[www.pcbsmed.org](http://www.pcbsmed.org)





## 4



# A PCB awareness video



A group of people, some wearing white protective suits and hard hats, are gathered outdoors. The scene appears to be a training or awareness workshop. The background is slightly blurred, showing some vegetation and a building.

# 5

## Development of 17 awareness/training workshops on

- PCBs management - 392 local experts trained
- Audit transformers/capacitors - 363 local experts trained
- PCB handling - 38 local experts trained
- Import/export of PCBs - 77 local experts trained

# 6 Support PCBs inventory:



**12** PCB  
analyzers granted

**1500**

tonnes of PCB equipment-  
liquids identified in 3 countries







Reagents to take

**2000** oil  
samples

More than **500**  
oil samples taken  
for analysis



**1500**  
tonnes of PCB  
equipment-liquids identified



## 7

International tender for packaging, collection and transport  
**for final disposal of identified PCBs**





## 8


Disposal of 922 tonnes of identified PCBs ongoing





## 9

# Promoting policy reform to ensure **PCB ESM management**



Guide on PCB ESM developed and approved based on BAT BEP and Medpartnership country experiences:

- Comprehensive
- Closed PCB applications

# GLOBAL PCB TARGET

According to the Stockholm Convention (SC),

**9 million tonnes**

of PCBs remain to  
be destroyed...



...we should destroy  
**640.000 tonnes**  
per year  
to meet the 2028 SC deadline.

SAP-Med Target: Elimination of PCBs by 2025

Project Visibility IPEN – May 2015

A sea turtle is shown swimming in clear blue water. The turtle is positioned diagonally across the frame, with its head pointing towards the upper right. Its front flippers are extended forward, and its rear flippers are visible behind. The text "SUSTAINABILITY" is written in white, uppercase letters across the middle of the turtle's shell. Below it, the text "WE DID/WE SHOULD" is written in a larger, bold, white, uppercase font, spanning across the turtle's body and the water.

SUSTAINABILITY

**WE DID/WE SHOULD**



# A

Establishment of project  
ownership and leadership





The background of the slide is a photograph of a grand, ornate legislative chamber, likely the National People's Congress in China. The room features high ceilings with large, decorative chandeliers, classical columns, and a semi-circular seating arrangement for members. The walls are adorned with red drapery and gold accents. The overall atmosphere is formal and majestic.

**B**

**Continue POPs-PCBs  
Policy reform and legal framework  
(Focus on implementation)**

The background of the slide is a dark, slightly blurred photograph of server racks in a data center. The racks are filled with various electronic components, and some blue and green indicator lights are visible. The overall tone is professional and technological.

**C**

**Continue developing  
reliable PCB inventory and database**



D

**Continue implementing phase out plans  
of PCB applications for final destruction  
to achieve regional and global targets**



The background image shows a hazardous waste site. A worker in a white hazmat suit is visible on the right side, working near a large blue and red drum. In the foreground, there is a white container with a 'no smoking' sign and other equipment. The scene is cordoned off with red and white tape. The overall tone is dark and industrial.

# E

**Replicate and further scale up  
the Medpartnership PCB management example**

A large flock of seagulls is captured in various stages of flight over a body of water. The birds are white with dark wingtips, and their wings are spread wide. The background is a hazy, grey sky, and the water below is dark and rippled. The overall scene conveys a sense of movement and natural activity.

**G**

**Improve the strategy to actively involve  
and partner with the private sector**



# THANK YOU FOR BEING A PCB DESTROYER

740 tonnes have been eliminated by December 2015

182 tons in process, waiting for approval of notification  
procedure to be disposed in Spain

Save the Mediterranean Sea!

A BIG THANK YOU TO COUNTRY TEAMS