



BASEL CONVENTION



**Regional Workshop on the on the Environmentally Sound
Management persistent organic pollutants (POPs)**

30 March 2015, Alexandria, Egypt

The Final Report

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ACKNOWLEDGEMENTS

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- ***The Government of Finland***, for their persistent incorporeal and financial support for BCRC-Egypt and its activities through the project the Finnish Government funds, under which this workshop was organized.
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- ***United Nations Development Program***, for its fruitful collaboration with BCRC-Egypt in running the project funded by the Government of Finland.
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- ***BCRC-Egypt Staff***, for their professional and efficient efforts in organizing and running all BCRC-Egypt local and regional activities.

PREFACE

BCRC-Egypt with the assistance of SBC organised a one day Regional workshop for the Arab states. The main objectives of the workshop were a) to raise awareness about the dangers and health impacts of Persistent Organic Pollutants (POPs), b) environment sound management and c) how to meet the obligations under the Basel, Rotterdam and Stockholm conventions.

The aims of the workshops were as follow:

1-Explain the importance of synergies between the three conventions, the Basel, Rotterdam and Stockholm conventions

2-The analysis POPs and the identification of new POPs

3-The social and economic impact of POPs

4. The National plans for monitoring POPs

The workshop targeted the National technical officials responsible for or involved in hazardous Waste Management. 8 participants from 7Arab countries attended this workshop: Republic of Djibouti, Arab Republic of Egypt, Kuwait, Lebanese Republic, Kingdom of Morocco, Palestinian Authority and the Republic of Sudan.

The Opening Ceremony:

The First Session:

The session was commenced by Dr. El Mohamdy Eid who focused on the systems of sound environment management. He presented their essential requirements which were:

- 1- An Environmental strategy.
- 2- An Environmental planning.
- 3- Supervision and detection.

Followed after was **Dr. Yasser Nabil**-Chief Researcher-Head of POPs section-Center Lab of Residue Analysis of Pesticides and Heavy Metals in Food. He presented the following important points: a) POPs definitions, b) Characteristic features of POPs, c) Stockholm & Basel conventions, d) the old and new POPs emission, release, contents, e) POPs environmental levels and contaminated sites, f) Prefluorinated analysis, g) Dioxin history, h) Dioxin in Environment, i) Human Risk of Dioxin and exposure and j) Source groups of PCDD/PCDF releases. In addition, he pointed out to the lack of awareness in the Arab countries, and the missing role of the media.

The Second Session:

Mr. Mahmoud Bakry welcomed **Dr. Tarek El-Mahdy**—former governor of Alexandria governorate. This was followed by a speech by **Dr. Mostafa Kaml** welcoming Dr. El-Mahdy and awarding him for his efforts

Dr. Hesham El Kassas, Prof. of Soil and Water Environment, Dean-Institute of Environment Studies and Research (IESR)-Ain Shams University focused on the social and economic impacts of POPs. He laid down the positive social and economic consequences as well as the negative impacts. Finally he presented a) how to create a study of sites contaminated with POPs, b) the POPs Toolkit process for managing contaminated sites and c) Module Economic Assessment of Risk Management.

Afterwards, **Dr. Yasser Badr El-Din** Director of Hazardous Wastes department –Egyptian Ministry of Environment displayed Egypt's position in regards to the Stockholm convention. He delineated the stages for conducting a national work plan as well as the previous successes particularly in the disposal of obsolete pesticides. He presented how this took place through a wide spread inventory, which was followed by incineration.

The third session

- **Dr. Yasser Nabil** presented the requirements for the sampling and analysis of POPs. He pointed out to the need for high qualifications particularly with the new advancements that provide accurate results. Furthermore, he delineated the importance of quality assurance and quality control. He also presented how people are exposed to Dioxin and Furan through a study about Dioxin in baby milk in Egypt and another about monitoring concentration of PCDD & PCBs in poultry, eggs, milk, liver, fish. At the end of his presentation he focused on Egypt's national report objectives, the activity done related to it and recommendation as follows:
 - More POPs monitoring is needed as even basic data about POPs releases are missing
 - More publicly accessible data about POPs releases from industry complexes in developing countries. Furthermore, countries with economies under transition are needed to address these sources of POPs properly;
 - Stringent limits for POPs in waste as well as air emissions should be introduced into both national legislation and under international treaties.

-Some regions need to be addressed specifically as a large source of industrial pollution including POPs.

The fourth session

Discussion Panel (Chaired by: Professor Mostafa Hussein, Professor Mohamdy Eid and the Journalist Mahmoud Bakry)

Hana Abo-Habib, representative of Lebanon

He is one of the founders of the national survey. Abo-Habib also mentioned that DDT is banned in Lebanon. Furthermore, he mentioned that there are very few electric generators left with very few remaining.

Amimi Taha, representative of Morocco

He asked about the possibility of visiting the lab as well as sharing the countries' different experiences to share the benefits.

Rehab Osman, the Sudanese representative

Asked about how to benefit from the Egyptian experiences in the field of analyzing POPs.

Dr. Yasser Nabil, Egypt

He suggested that the trained staff from the accredited central labs should visit one of the Arab countries and taking a sample and analyzing it. Afterwards, they can detect the polluted sites as a case study to understand what this country needs in the field of analysis.

- Afterwards there was a small session made up of
 - 1-Eng.Amgad Ibrahim, representative of Palestine
 - 2-Dr.Hanna Abo-Habib, representative of Lebanon
 - 3-Rehab Osman, representative Sudan
 - 4- Dr. Mohammdy Eid
 - 5-A representative from BCRC-Egypt,
 - 6-A representative of Arab League
 - 7-Dr.Hesham El-Kassas
 - 8- Dr. Yasser Nabil
 - 9- Dr. Yasser Badr El-DinTheir goal was to finalize the recommendations of the workshop.

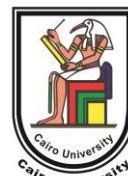
Closing Session:

This session started with a brief speech delivered by Prof. Kamal, in which he expressed his happiness for the clear success of the workshop and thanked the participants and the lecturers for their effective participation. Finally, he presented the recommendations of the workshop

Recommendations

Regional Workshop on the on the Environmentally Sound Management persistent organic pollutants (POPs)

- 1-The importance of having labs that are specialized in dealing with POPs and are internationally certified with the latest technologies that would service the whole region
- 2- To have periodic inventory of the food products coming into the region and measure the percentage of pollution with POPs
- 3- The importance of regularly analyzing the animal's food coming from abroad in certified labs to make sure it meets international standards
- 4- Conducting a training session specialized on environmental legislations concerning hazardous waste
- 5- Awareness programs for children and youth to inform them about the international legislations that deal with POPs, the definition of POPs and how to deal with them as well as its health hazards



**Regional Workshop on the Environmentally Sound Management of Persistent Organic Pollutants (POPs)
30March, 2015, Alexandria, Egypt**

8:30-9:00	Registration
Opening session	
9:00-9:30	Opening Remarks
9:30-9:40	<i>Break</i>
Session I	
9:40-10:00	Key Note Speaker ESM of Persistent Organic Pollutants (POPs). Prof. El Mohamady Eid, Member of the National Disciplinary Councils. Environmental Consultant, BCRC-Egypt
10:00-11:00	Overview of POPs Prof .Dr.Yasser Nabil Mostfa-Chief Researcher-Head of POPs section Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food
11:00-11:30	<i>Coffee break</i>
11:30-12:30	Socio-Economic Impacts Of POPs Polluted sites Dr.Hesham El-Kassas, Prof.of Soil and Water Environment Dean-Institute of Environment Studies and Research(IESR)-Ain Shams University
Session II	
12:30-1:00	POPs Inventories, Purpose of the inventory, Purpose of the inventory NIP Egypt , Dr. Yasser Badr El-Din Director of Hazardous Wastes department –Egyptian Ministry of Environment
1:00-2:00	<i>Lunch break</i>
2:00-3:00	POPs Analysis in Food and Environment Prof .Dr.Yasser Nabil Mostfa-Chief Researcher-Head of POPs section Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food
3:00-4:30	Presentation by the Arab Countries' Representatives on their National Plans for their Management of POPs Hanna Abo-Habib, representative of Lebanon , Animi Taha, representative of Morocco
4:30-5:00	<i>Coffee break</i>
Session III	
5:00-6:30	Round –Table Discussion made up of 1-Eng.Amgad Ibrahim, representative of Palestine , 2-Dr.Hanna Abo-Habib, representative of Lebanon , 3-Rehab Osman, representative Sudan 4- Dr. Mohammdy Eid, 5-a representative from BCRC-Egypt, 6-a representative of Arab League , 7-Dr.Hesham El-Kassas, 8- Dr. Yasser Nabil, 9- Dr. Yasser Badr El-Din Their goal was to finalize the recommendations of the workshop
6:30-7:00	<i>Closure of Workshop</i>



Regional Workshop on the Environmentally Sound Management of Persistent Organic Pollutants

30 March 2015 Alexandria, Egypt

ورشدة العمل الاقليمية للادارة السليمة بينيا للملوثات العضوية الثابتة ، 30 مارس 2015 ، الإسكندرية – جمهورية مصر العربية
استمارة التقييم

الاسم رباعى :	الموقع الوظيفى:
قطاع / قسم / إدارة :	هيئة / وزارة / أخرى:
رقم الهاتف الشخصى :	البريد الإلكتروني:
الدولة:	
عنوان المراسلات (تفصيليا):	

البيان	ممتاز	جيد جدا	جيد	متوسط	ضعيف
محتوى ورشة العمل					
المادة العلمية المعروضة خلال ورشة العمل .					
تقييمك العام على محاضرين ورشة العمل					
تنظيم وسهولة محتوى المادة العلمية					
تحقيق أهداف ورشة العمل					
مستوى تنظيم ورشة العمل .					
التجهيزات والوسائل المستخدمة					
مدة ورشة العمل					
مكان ورشة العمل					
التوقيت					
تقييمك العام لورشة العمل					

الاقتراحات والملاحظات:

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Evaluation Sheet and Results Analysis

Total Number of Completed Evaluation Sheets = 8

Evaluation of the workshop:

Category	Excellent	Very Good	Good	Mediocre	Weak
The Content of the Workshop	6	1	1		
The Workshop Scientific Material Distributed	5	2	1		
General Rating on the Lecturers Workshop	4	3	1		
The Organization and the Ease of Scientific Material	4	3		1	
Achieving the Goals of Workshop	4	3	1		
The Level of Organization	5	3			
The Presentation Equipment and the Means of Presentation	5	3			
The Period of the Workshop	3	4	1		
The Location of the Workshop	5	2			1
The Timing of the Workshop	6		2		
The General Evaluation	4	3	1		

The analysis

The results, in general, showed that the workshop has fulfilled its main objectives

List of Participants:

Title	Name	Country	Job
Mr.	Mohamed Konnah	Arab league	Diplomatic Tel :01287224460 E-mail : Mohamed-konna@hotmail.com
Dr	El Mohamdy Eid	Egypt	Member of the National Disciplinary Councils. Environmental Consultant, BCRC-Egypt. Tel: 01227457492, E-mail:elmohamadyeid@gmail.com
Mr.	Mahmoud Bakry	Egypt	Chief Editor of Elaosboa Newspaper
Mrs.	Rehab Abd El Maged	Sudan	Researcher- The Ministry of Environment Tel ;00249918275618, E-mail :rehab499@hotmail.com
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Dr	Hesham El-Kassas	Egypt	Prof.of Soil and Water Environment Dean-Institute of Environment Studies and Research(IESR)-Ain Shams University Tel :01006516269, E-mail:helkassas@hotmail.com
Mr.	Yasser Bader El Din	Egypt	Director of Hazardous Wastes department – Egyptian Ministry of Environment Tel ;01025242253, E-mail :eng.yasserbadar@yahoo.com
Mrs.	Gehan Hussein	Egypt	Journalist
Mrs.	Sara kandeel	Egypt	Journalist
Mr	Montaser El shatby	Egypt	Journalist
Mr	Ahmed Abdel Rehim	Egypt	Journalist