



The Regional Conference on Environmentally Sound Management of Hazardous Wastes

Alexandria, Egypt

23rd-25th of November, 2014



The Final Report

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ACKNOWLEDGEMENTS

BCRC-Egypt and its Arab members are grateful for:

- *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 Symposium was organized, as the first official regional activity.
- *Cairo University*, for its continuous support for BCRC-Egypt through hosting its headquarters.
- *United Nations Development Program*, for its fruitful collaboration with BCRC-Egypt in running the project funded by the Government of Finland.
- *The Arab League*, for its permanent coordination with BCRC-Egypt in fulfilling the Arab Countries candidates' logistic and administrative requirements.
- *BCRC-Egypt Staff*, for their professional and efficient efforts in organizing and running all BCRC-Egypt local and regional activities, especially this Symposium.

PREFACE

BCRC-Egypt with the assistance of SBC organised a three days Regional Conference on Environmentally Sound Management of Hazardous Wastes. The Conference took place in Alexandria, Egypt, 23-25th of November, 2014.

The conference targeted those, government officials responsible for hazardous waste management of in the respective countries. The conference witnessed the participation of **16** participants from **12** Arab countries namely; Algeria, Republic of Djibouti, Arab Republic of Egypt, Hashemite Kingdom of Jordan, Kuwait, Lebanese Republic, Palestine, Kingdom of Morocco, Mauritania, Kingdom of Saudi Arabia, Republic of the Sudan and Yemen. Among 16 participants, there were **2** female participants in the workshop.

The Conference objectives were to address the following topics:

- Legislation and laws related to hazardous waste and enforcement mechanisms.
- The relevant international and regional conventions
- Hazardous waste: Definitions - General concepts - characteristics and types and classification - how to trade
- Hazardous waste impact on the environment and public health
- Best practices for the safe management of hazardous waste
- The role of the media in raising awareness on hazardous waste management

The Conference managed to discuss the best practices to manage the hazardous waste in the Arab countries. Also the roles media to raise awareness of the HW issue among the public was deeply discussed. Finally, the Arab Countries comments on the draft unified legislation for e-waste management that was shared with the participants in The Regional Symposium on E-Waste Management that was organized by BCRC-Egypt in June, 2014, were discussed and recorded.

Also in the framework of BCRC-Egypt approach to expose workshop participants to international experiences and best practices, **Dr. Mohamed Elawaa, Representative of the UNESCO**, was invited as a keynote speaker in the symposium. Finally, the symposium witnessed participation of key stakeholders, concerned with the ESM of hazardous waste, such as the **NGOs (Alsakr Alarbi Association for Human Resources Development)**. Finally the Conference was covered by many newspapers, electronic portals and TV channels.

THE SYMPOSIUM SUMMARY

Daily Reporting

The First day - Sunday, the 23rd of November, 2014

Opening Ceremony

The opening ceremony commenced at 10:00. Prof. Mostafa Kamel, BCRC-Egypt Director, in his opening statement, welcomed all participants and attendees, especially, Chancellor / Mohamed Abdelaziz Algendy - Former Egyptian Minister of Justice and Mr. Ahmed Abu Saud, The CEO of EEAA.

Prof Kamel emphasized the importance of this Conference for the following reasons:

- The conference came as a fruit of all the activities BCRC-Egypt conducted since the start of the second phase of the project managed by BCRCR-Egypt and funded by the Finnish Government.
- This conference emphasized the bridging between the center from one side and the private sector and the media from the other side, which, in turn, will maximize the benefit that will be gained by the Arab societies from BCRC-Egypt activities.
- Finally, the conference will give a bigger chance for BCRC-Egypt and the Arab countries candidates to have further discussions concerning BCRC-Egypt initiative to set up unified e-waste management legislation for the Arab countries.

Chancellor / Mohamed Abdelaziz Algendy - Former Egyptian Minister of Justice, delivered a brief speech, in which he expressed his extreme happiness and gratitude to Prof Kamel for his kind invitation to attend the conference, hoping that the conference will result in a great benefit for the Arab countries.

Finally, Colonel/ Ibrahim Alalfy, on behalf of HE Major/ Tariq Mahdi - Governor of Alexandria gave a very brief word, in which he welcomed all attendees of the Conference to Alexandria, expressing his happiness that Alexandria hosted such an important regional event.

Session 1: International and regional related conventions: An Overview - Legislations and regulations related to hazardous waste and their enforcement mechanism

(Chaired by Mr. Ahmed Abu Saud - Dr. Mohammed Alzarka – Chancellor / Mohamed Abdelaziz Algendy)

-Dr. Mohamed Alzarka, presented an overview on the International and Regional Conventions/ Activities, Concerning the Environmentally Sound Management of Hazardous Wastes, where he gave a detailed description for all the international agreements that are concerned with the hazardous wastes management. Finally he presented some recommendations that should be considered to add more efficiency to the implementation of these agreements..

- Then Chancellor / Mohamed Abdelaziz Algendy overviewed the situation in the Arab region concerning laws and legislations related to hazardous waste management and he emphasized that these legislations needs more updating according to the current status of the hazardous waste in the Arab region.

Session 2: Working Groups to discuss the draft law organizing electronic and electrical waste handling, processing and transboundary movement

(Chaired by Mr. Mahmoud Bakry- Prof. Moustafa Kamel- Chancellor / Mohamed Abdelaziz Algendy)

- Dr. Mohammed Farooq - Director of Legal Affairs Department - Ministry of Environment - Arab Republic of Egypt, presented a brief introduction for the draft law organizing electronic and electrical waste handling, processing and transboundary movement.

-Then the Arab candidates were divided into 4 working groups to discuss the draft law. They all agreed that groups leaders will present their comments on the draft law in the next of the conference.

The Second Day – Monday, the 24th of November, 2014

Session 3: Hazardous waste: Definitions - General concepts – characteristics, types and classification – trading trends

The impact of hazardous waste on the environment and public health

(Chaired by Dr. Suliman Mohammed Alzaben- Dr. Mohamed Ahmed El Awa)

- Dr. Mohammad Ismail Elsuhaime - Undersecretary of the Ministry of Environment for Policies and Planning - Arab Republic of Egypt presented a general presentation about Hazardous waste: Definitions - General concepts - characteristics and types and classification - how to trade

-Then D. Yousry Ahmed Hussein - Head of Central Department for Environmental Affairs - Ministry of Health - the Arab Republic of Egypt who overviewed the medical waste management and the efforts of the Arab Republic of Egypt to dispose it

Session 4: best practices for the safe management of hazardous waste

Hazardous waste management in the Arab States

(Chaired by Dr. Mohammad Ismail Elsuhaime- Dr. Ali Mohamed Ali)

- D. Mohammed Al-Awa - Environment and Earth Sciences Program Officer- United Nations Education, Science and Culture Organization (UNESCO), gave a talk about E-waste and Education, where he emphasized that Education for e-waste management is an interactive process of mutual learning among people and institutions. It encompasses far more than formal education at schools and universities, and involves the recognition and use of traditional wisdom and local knowledge for protection from techno trash.

- Mrs. Waeam Ahamed Almadany - Regional Director of water consumption rationalization Project & Secretary General of Alsakr Alarbi Association for Human Resources Development and the Environment. She delivered a talk about Future vision for the proposed solutions that can be presented by NGOs. She overawed the role of NGOs in raising the public awareness of their societies, giving few examples of some activities her association organized for that purpose on the national and regional levels.

-Mr. Amimi Taha, the Representative of Morocco, presented a case study of how his country deals with hazardous waste on the environmental level and the legal level.

-Then Mr. Abd Allah Saleh, the Representative of Yemen gave a brief talk about Management of Hazardous Waste in Yemeni Legalization, where he overviewed the Yemeni legislation and how it deals with the hazardous waste issues and the mechanism of enforcing this legislation.

Session 5: Best Practices for the safe management of hazardous waste - The safe disposal of medical waste

(Chaired by Dr. Sherif Elnagdy- Dr. Sabine Antoine Barakat - Mr. Mohamed Taher)

- Prof. Jihan Ali AlKholi - Professor of Anesthesia and Intensive Care, Faculty of Medicine, Cairo University & General Director Deputy of Cairo University Hospitals, gave a presentation about Health-care waste management in Cairo University Hospitals, where she briefly introduced Cairo University Hospitals- Kasr Al aini then she compared between Health-care waste management in the the past, present and the future.

- Prof. Mohammed Ahmed Albashar - Professor of Pathology, Faculty of Medicine, Cairo University & Cairo University Hospitals Safety Coordinator gave a presentation about the measures followed in Health-care waste management in the laboratory. He overviewed the different types of health care waste and the used trends in handling these wastes.

- Finally, Prof. Mervat Jaber Al-Anani - Professor of Pathology, Faculty of Medicine, Cairo University & Cairo University Hospitals Infection control Coordinator, gave a presentation about needle stick injuries and the most appropriate measures that could be taken to avoid it. Also she overviewed the blood born pathogens and how they can be transferred through mismanagement of health care wastes.

-Finally, Groups 1 & 3 Leaders presented their comments on the draft law

Third Day - Tuesday, 25th of November, 2014

Session 6: The role of media in raising awareness on hazardous waste management- BCRC-Egypt Annual Activities

(Chaired by Mr. Mahmoud Bakry- Mr. Naseem Abdullah Saleem)

- Mr. Naseem Abdullah Saleem, the Media Advisor of the Jordanian Minister of Environment presented a talk about the role of the media in raising public awareness of the threatens of the hazardous wastes. He presented a study case from his country showing how they try to interact with the public to facilitate the intake of knowledge to the simple street people and how this trial was successful.

- Prof. Mostafa Hussein Kamel –BCRC-Egypt Director, gave a brief presentation about the activities of BCRC-Egypt through the project funded by the Finnish Government. Also he briefed the participants about the Environment Arab Ministers Conference that took place in Jeddah few days before the conference.

The Closing Session

(Chaired by Prof. Mostafa Hussein Kamel - Major/ Tariq Mahdi - Governor of Alexandria- Mr. Mahmoud Bakry)

- Major/ Tariq Mahdi - Governor of Alexandria, attended this session that started with a brief speech delivered by Prof. Kamel, in which he expressed his happiness for the clear success of the conference and thanked the participants for their effective participation and fruitful discussions. Then, he thanked BCRC-Staff for their great efforts in organizing the workshop. Finally, He expressed his happiness and gratitude that Major/ Tariq Mahdi - Governor of Alexandria made it to the closing ceremony..

- Major/ Tariq Mahdi - Governor of Alexandria gave a brief speech expressing his happiness that he could attend the closing ceremony of the conference due to the importance of the topics the conference addressed. Also he showed the participants a short video that shows how he is concerned with following the environmentally sound measures in handling the hazardous wastes.

Finally Prof. Kamel and Major/ Mahdi distributed the conference participation certificates on the Arab states delegates with taking a memorial photo with each delegate and a final group memorial photo for the workshop participants and organizers.

RECOMMENDATIONS

- Minimization of waste generation, via promotion of environmentally sound technologies (cleaner production).
- Develop guidelines and codes of contact, where appropriate leading to cleaner production.
- Integrate the cleaner production approach into design of products and management practices.
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CONCLUSIVE REMARKS

- BCRC-Egypt should adopt an initiative of creating a unified list of chemical hazardous waste for all Arab countries
- BCRC-Egypt should put in his work plan a training for the environment journalists to give them the chance to gain more knowledge and experience concerning the major issues in the environment.
- BCRC-Egypt in collaboration with the big media icons in the Arab countries should put a plan for increasing networking between the Arab societies which, in turn, will result in enhancing the interaction of these societies towards the environmental issues.
- BCRC-Egypt should continue with its efforts concerning making a unified legislation for e-waste management, especially after all the comments received during the conference, by forming a supreme committee from Arab experts to put this legislation in its final form
- BCRC-Egypt should organize a workshop soon to discuss the final draft of that legislation.
- BCRC-Egypt should pay more attention to the role and duties of the private sector concerning the hazardous waste management

SYMPOSIUM MULTIMEDIA



All Arab Countries focal points and officials are strongly encouraged to visit BCRC-Egypt official website (www.bcrc-egypt.com) and **BCRCEgypt** Facebook official webpage, to see all BCRC-Egypt activities multimedia.

APPENDIX

1. Agenda

The First day - Sunday, the 23rd of November, 2014	
The Opening Session	
9.00-11.00	Prof. Mostafa Hussein Kamel - BCRC-Egypt Director Chancellor / Mohamed Abdelaziz Algendy - Former Egyptian Minister of Justice Colonel/ Ibrahim Alalfy, on behalf of HE Major/ Tariq Mahdi - Governor of Alexandria Group photo
11.00-11.30	Coffee Break
11.30-1.30	First Session: International and regional related conventions: An Overview Legislations and regulations related to hazardous waste and their enforcement mechanism
	Chair: Mr. Ahmed Abu Saud - Dr. Mohammed Alzarka – Chancellor / Mohamed Abdelaziz Algendy
	Dr. Mohammed Alzarka – Environment International expert International conventions related to hazardous waste
	Chancellor / Mohamed Abdelaziz Algendy - Former Egyptian Minister of Justice Legislations on hazardous wastes and their enforcement mechanism
1.30-2.30	Lunch Break
2.30-4.30	Session II: Working Groups to discuss the draft law organizing electronic and electrical waste handling, processing and transboundary movement
	Chair: Mr. Mahmoud Bakry- Prof. Moustafa Kamel- Chancellor / Mohamed Abdelaziz Algendy
	Dr. Mohammed Farooq - Director of Legal Affairs Department - Ministry of Environment - Arab Republic of Egypt Introduction for the draft law organizing electronic and electrical waste handling, processing and transboundary movement
	4 Working groups to discuss the draft Law
The Second Day – Monday, the 24th of November, 2014	
9.00-11.00	Session III: Hazardous waste: Definitions - General concepts – characteristics, types and classification – trading trends The impact of hazardous waste on the environment and public health
	Chair: Dr. Suliman Mohammed Alzaben- Dr. Mohamed Ahmed El Awa
	Dr. Mohammad Ismail Elsuhaيمي - Undersecretary of the Ministry of Environment for Policies and Planning - Arab Republic of Egypt Hazardous waste: Definitions - General concepts - characteristics and types and classification - how to trade
	D. Yousry Ahmed Hussein - Head of Central Department for Environmental Affairs - Ministry of Health - the Arab Republic of Egypt Medical waste management and the efforts of the Arab Republic of Egypt to dispose it
11.00-11.30	Coffee Break
11.30-1.30	Session IV: best practices for the safe management of hazardous waste Hazardous waste management in the Arab States

	<p align="center">Chair: Dr. Mohammad Ismail Elsuhami- Dr. Ali Mohamed Ali</p> <p>D. Mohammed Al-Awa - Environment and Earth Sciences Program Officer- United Nations Education, Science and Culture Organization (UNESCO) E-waste and Education</p> <p>Mrs. Waeam Ahamed Almadany - Regional Director of water consumption rationalization Project & Secretary General of the Arab Falcon Society for Human Resources Development and the Environment NGOs – Future vision for the proposed solutions</p> <p>Representative of Morocco Representative of Yemen</p>
1.30-2.30	Lunch Break
2.30-4.30	<p align="center">Fifth Session: Best Practices for the safe management of hazardous waste The safe disposal of medical waste</p> <p align="center">Chair: Dr. Sherif Elnagdy- Dr. Sabine Antoine Barakat - Mr. Mohamed Taher</p> <p>Prof. Jihan Ali AlKholi - Professor of Anesthesia and Intensive Care, Faculty of Medicine, Cairo University & General Director Deputy of Cairo University Hospitals Health-care waste management in Cairo University Hospitals</p> <p>Prof. Mohammed Ahmed Albashar - Professor of Pathology, Faculty of Medicine, Cairo University & Cairo University Hospitals Safety Coordinator Waste management in the laboratory</p> <p>Prof. Mervat Jaber Al-Anani - Professor of Pathology, Faculty of Medicine, Cairo University & Cairo University Hospitals Infection control Coordinator Health-care waste management - views on needle stick injuries</p> <p>Groups 1 & 3 Leaders presented their comments on the draft law</p>
Third Day - Tuesday, 25th of November, 2014	
9.00-11.00	<p>Session VI: The role of media in raising awareness on hazardous waste management BCRC-Egypt Annual Activities</p> <p align="center">Chair: Mr. Mahmoud Bakry- Mr. Naseem Abdullah Saleem</p> <p>Mr. Naseem Abdullah Saleem - Media Consultant - Ministry of Environment - the Hashemite Kingdom of Jordan Employing the media in raising awareness of the dangers of hazardous waste.</p> <p>Prof. Mostafa Hussein Kamel –BCRC-Egypt Director Presentation for the activities of the Finnish project Briefing about the Environment Arab Ministers Conference</p>
11.00-11.30	Coffee Break
11.30-1.30	<p>Session VII: Closing Session and recommendations</p> <p align="center">Chair: Prof. Mostafa Hussein Kamel - Major/ Tariq Mahdi - Governor of Alexandria- Mr. Mahmoud Bakry</p>
1.30-2.30	Lunch Break

2. Budget Summary

The whole workshops operation expenses, including covering participants' travelling, accommodation and DSA will always be a challenge for BCRC-Egypt, in order to be capable to run the required activities with the required quality that can fulfill the Arab countries needs for proper implementation of Basel Convention regulations.

- **Estimated Budget: \$ 40,000**
- **Actual Budget: \$ 50,000**

3. Evaluation Sheets and Its Results Analysis

Total Number of Completed Evaluation Sheets for the Conference = 16



The Regional Conference on Environmentally Sound Management of Hazardous Wastes

Alexandria, Egypt, 23rd-25th of November, 2014

المؤتمر الإقليمي للإدارة الآمنة بيئياً للنفايات الخطرة

الإسكندرية - جمهورية مصر العربية، 23 إلى 25 نوفمبر 2014

استمارة تقييم

الاسم رباعي:	الموقع الوظيفي:
قطاع / إدارة:	هئية / وزارة / أخرى:
رقم الهقب الشخصي:	البريد الإلكتروني:
الدولة:	
عنوان المراسلات (تفصلياً):	

(رجاء ملء الاستمارة التالية للوقوف على مدى الاستفادة من الندوة ومبل تطويرها المستقبلي)

- 1- هل أضاف المؤتمر مفاهيم جديدة إلى خيراتكم بشأن الإدارة الآمنة بيئياً للنفايات الخطرة ؟
نعم () لا ()
- 2- هل أضاف المؤتمر معلومات بشأن تعامل الدول العربية الأخرى مع الإدارة الآمنة بيئياً للنفايات الخطرة ؟
نعم () لا ()
- 3- ما مدى الاستفادة من التفاعل مع المشاركين من الدول العربية الأخرى ؟
ممتاز () جيد جداً () جيد () لم تحقق استفادة ()
- 4- هل لك مقترحك لتطوير المؤتمر في المرات القادمة ؟
نعم () لا ()
- 5- هل يوجد ما كنت تتطلع إليه في المؤتمر ولم يتحقق أمك فيه ؟
نعم () لا ()
- 6- هل ترغب في الاتصال بكم وديعتكم في حالة وجود المؤتمر مقبل يتناول نفس الموضوعات ؟
نعم () لا ()
- 7- ما هو تقييمك الكمي للمؤتمر ؟
ممتاز () جيد جداً () جيد () لم تحقق استفادة ()

<i>Question No.</i>	<i>Question</i>	<i>Answers</i>	
		<i>Yes</i>	<i>No</i>
1	Did the conference add new concepts to your experiences in the field of dealing with hazardous waste?	15	1
2	Did the conference add information on how Arab states deal with hazardous waste?	16	0
4	Do you have suggestions for the development of the conference in the coming times?	6	10
5	Is there anything you were looking forward to in the symposium and did not happen?	11	5
6	Do you want to be contacted and/or invited in case of a future conference dealing with the same subject?	16	0

<i>Question No.</i>	<i>Question</i>	<i>Answers</i>			
		<i>Excellent</i>	<i>Very Good</i>	<i>Good</i>	<i>Did not achieve benefit</i>
3	How to evaluate the interaction with participants from other Arab countries?	3	9	4	0
7	What is your whole assessment of conference?	6	6	4	0

The analysis

The results, in general, showed that the conference achieved its objectives in addressing the issue of ESM of hazardous wastes in the Arab States. Also the conference gave the Arab candidates the chance to discuss the draft law of e-waste that was proposed by BCRC-Egypt in details and working groups, which, in turn, increased the interaction between the candidates and enhanced the exchange of knowledge and experience between them. Furthermore, the conference emphasized the importance of the media role in raising the public awareness among the Arab states. Finally the Conference adopted a recommendation by the Egyptian side to create a unified list of hazardous chemical waste

5. Participants List

 Lamri Bel Abbas Algeria	 Abd Allah Bejily Saudi Arabia	 Soliman Alzaban Saudi Arabia	 Mohamed Elawa UNESCO	 Ahmed Abo elseood EEAA	 Ibrahim Elalfy Alexnadria Gov.
 Naseb Abdallah Jordan	 Shehadah Ahmad Jordan	 Mohamed Farouk Egypt	 Mohamed Ismael Egypt	 Amimi Taha Morocco	 Mohamed Taher Djibouti
 Abdallah Saleh Yemen	 Sabin Antwane Lebanon	 Mahdy Hussien Kuwait	 Mahmoud Aboshanab Palasetine	 Ali Mohamed Ali Sudan	 Rehab Abd El Maged Sudan
 Omar Khairy (Minister of Foreign affairs) Egypt	 Dr. Mohamed Alzarka Egypt	 Mr. Mahmoud Bakry (Media) Egypt	 Chancellor / Mohamed Abdelaziz Algendy		

