

Minutes of “Regional workshop on sound life-cycle management of DDT under the Stockholm Convention”

Wuxi, Jiangsu Province, China, 14-16, April 2015

“Regional workshop on sound life-cycle management of DDT under the Stockholm Convention” was held on April 14-16, 2015 in Jiangsu Institute of Parasitic Diseases (JIPD), Wuxi, Jiangsu province, China. The workshop was jointly organized by Basel Convention Regional Centre for Asia and the Pacific/Stockholm Convention Regional Centre for Capacity-building and the Transfer of Technology in Asia and the Pacific (BCRC China/SCRCAP) and Secretariat of the Basel, Rotterdam and Stockholm Conventions (BRS Secretariat). Of the 25 representatives who attended the workshop, 16 were from governments, 1 was from UN organizations, 1 was from IGOs, 3 were from Regional Center, 3 were from institutes, and 1 was from BRS Secretariat.

Ms. Caili Zhang (Representative from Ministry of Environment, Government of People’s Republic of China), Mr. Haitao Yang (Director from JIPD), Dr. Rabindra Romauld Abeyasinghe, (Technical Officer from World Health Organization (WHO)), Mr. Gamini Manuweera (Programme Officer from BRS Secretariat) gave opening remarks. The workshop contained three sessions. Under the first-day session “DDT and disease vector control”, Mr. Gamini Manuweera firstly introduced the

DDT usage and its threats on human and environment, addressed the four objectives of the workshop; then he reported the Stockholm Convention and its mandate on DDT, including the objective of the Convention, POPs properties and global status of POPs use, etc.; after that, Dr. Rabindra Romauld Abeysinghe reviewed the information of DDT and disease vector control, especially for malaria in Western Pacific region. In the afternoon, national experience on disease vector control were shared by representative from Sri Lanka and India. Mr. Faizal Hameed Mohammad reported the success elimination story on malaria control in Sri Lanka, addressed the success and failure in DDT; Mr. Rudra Kumar Das Gupta reported the sound life-cycle management of DDT under the Stockholm Convention in India, including the current use and regulatory status of DDT, safe management of DDT, DDT spray and conditions in India, etc.. Followed by the regional experience introduction of implementation of IVM (Integrated Vector Management) by Dr. Rabindra Romauld Abeyasinghe, Professor Qi Gao from JIPD shared the successful national experience of China in reducing reliance on DDT for vector control during malaria elimination stage, reviewed how China became DDT free. After each presentation, participants actively discussed the following topics: DDT's usage in India, how IVM helped Sri Lanka eliminate DDT use and malaria control, which is the best approach for each country in vector control; how China eliminate DDT. It is suggested that the most

appropriate approach or strategy should be used depending on the situation, location, and some sort of localization will be needed when applying the approach.

The second-day session is “Sound life-cycle management of DDT”. Under this session, Mr. Gamini Manuweera firstly introduced the toolkit for the sound management of DDT for disease vector control, including its scope and structure, purpose, main questions. Then Participants were divided into two groups to discuss the toolkit and go through those question based on their own countries’ condition. One group was representatives from environment department, another group was representatives from health department. After the discussion, the recorder from each group concluded the important points during the discussion, and the strength and challenges of participating countries. As they concluded, all countries have banned use of DDT except India which is still producing and using DDT; many countries have categorized pesticide waste as hazardous waste and had related laws and regulations, as well as standards to monitor pesticide; main challenges included limited resources, expensive monitoring, effective enforcement and implementation, hard to promptly update latest inventory record, etc. The most important for participants was to be familiar with toolkit and understand how to use it, and when they go back, they can better apply it in their country.

Under the third-day session “Alternatives to DDT”, participants were firstly invited to visit the National Key Laboratory on Parasitic Diseases, JIPD, then Mr. Gamini Manuweera introduced the roadmap to develop alternatives to DDT, which took the meeting came to last part. Ms. Gamini Manuweera invited all the participants to review the workshop, and gave comments on the conclusions and recommendations summarized during the workshop. Finally, 4 conclusions and 5 recommendation were adopted.

The conclusion including:

(a). Participants confirmed the usefulness of the toolkit for assessing the current status, usefulness regarding DDT management, alternatives including further refinements to enhance its usefulness;

(b). Participants have considered the need for effective lifecycle management of DDT and its linkage with different sectors participants stressed the need for multi-sectorial engagement/inter-ministerial collaboration in the assessment of current suitable for the sound management of DDT and for its alternatives;

(c). Participants identified the need for continued political engagement at national and particularly sub-national levels for effective implementation of sound management of practices;

(d). Participants highlighted the importance of IVM particularly the need for scaling up the use of non-chemical methods for sustainable

vector control including resistance management.

The recommendation including:

(a) Key improvements to the draft toolkit including revising the toolkit to facilitate independent life-cycle assessment of DDT and its alternative PHP, and inclusions of the aspect of inter-sectorial engagement and inter-ministerial collaboration;

(b) Conducting a multi-sectorial involvements in assessment in countries using revised toolkit for a comprehensive review of the national status;

(c). Carrying out possible activities for advocacy for continued political commitment at national and particularly sub-national level;

(d).Promoting to share related experience and solutions, such as best practices on communication initiatives and effective public and private participation;

(e) More support for the early and appropriate management of obsolete stocks of DDT for final environmental sound disposal

After awarding certificated to participants by Ms. Yuan Chen from BCRC China/SCRCAP, Mr. Gamini Manuweera from BRS Secretariat and Mr. Rabindra Romauld Abeyasinghe from WHO, Ms. Yuan Chen announced the closure of the workshop, and thanked the support and collaboration during the workshop. It is all the participants' efforts and collaboration led to the success of the workshop. The workshop facilitates

the information exchange on DDT management between countries and establishes an interaction channel for continuing communication for participants. It is believed that the workshop will make great effort and contribution to promoting the application of the toolkit for the sound management of DDT for disease vector control and enhancing the capacity of developing alternatives in national level.

Annex I-Agenda:

Regional workshop on sound life-cycle management of DDT under the Stockholm Convention Wuxi, Jiangsu province, China, 14-16 April 2015

Regional workshop on sound life-cycle management of DDT under the Stockholm Convention					
Day 1: DDT and disease vector control			Chair		
8:30	Registration of participants				
Morning session 9:00-12:30	Opening reInmarks		Dr. Chen Yuan, Basel Convention Regional Centre for Asia and the Pacific (BCRC China)		
				Ministry of Environment, Government of People's Republic of China	
				Jiangsu Institute of Parasitic Diseases (JIPD)	
			World Health Organization (WHO)		
			Secretariat of the Basel, Rotterdam and Stockholm Conventions (BRS Secretariat)		
	<i>Introduction of participants</i>		All participants		
	<i>Objective of the workshop</i>		Mr. Gamini Manuweera, BRS Secretariat		
Coffee Break					
<i>Stockholm Convention and its mandates on DDT</i>		Mr. Gamini Manuweera, BRS Secretariat	Dr. Gao Qi, JIPD		
<i>Exercise and plenary discussion</i>		All participants			
DDT and disease vector control: regional overview		Dr. Rabindra Romauld Abeyasinghe, Regional Office for the Western Pacific, WHO			
<i>Plenary discussion</i>		All participants			
12:00-13:30 Lunch					
Afternoon session 13:30-17:00	Exchanging national experiences on disease vector control: environmental and health perspectives a. Sri Lanka b. India		Mr. Gamini Manuweera, BRS Secretariat		
	Regional experience: Implementation of IVM			Dr Rabindra Romauld Abeyasinghe, WHO	
	Coffee break				
	National experience of China in reducing reliance on DDT for vector control during malaria elimination stage			Dr Gao Qi, JIPD	
	Plenary discussion			All participants	
	Wrap-up and assessment of the first day			Dr. Chen Yuan, BCRC China	

18:00	Reception	All participants	
Day 2: Sound life-cycle of DDT			Chair
Morning session 9:00-12:00	Systematic analysis of country status for sound life-cycle management of DDT and national reporting systems: - Introduction - Discussion in working groups	Mr. Gamini Manuweera, BRS Secretariat All participants	Dr Rabindra Romauld Abeyasinghe, WHO
	Coffee break		
	Discussion in working groups (cont.)	All participants	
12:00-13:30	Lunch		
Afternoon session 13:30-17:00	Working group exercise (cont.) and presentation of results	Working groups	Dr Rabindra Romauld Abeyasinghe, WHO
	Coffee break		
	Quiz	Mr. Gamini Manuweera, BRS Secretariat Dr. Chen Yuan, BCRC China	
	Wrap-up and assessment of the second day	Dr Rabindra Romauld Abeyasinghe, WHO	
Day 3: Alternative to DDT			Chair
Morning session 9:00-12:30	Site visit to the National Key Laboratory on Parasitic Diseases, Jiangsu Institute of Parasitic Diseases	All participants	Dr. Zhu Guoding, JIPD
	Coffee break		
	Plenary discussion All participants Site visit to the National Key Laboratory on Parasitic Diseases, Jiangsu Institute of Parasitic Diseases (cont.)	All participants	
	Roadmap to develop alternatives to DDT	Mr. Gamini Manuweera, BRS Secretariat	
Lunch			
Afternoon session 13:30-16:00	Review and adoption of the workshop recommendations	All participants	Dr. Chen Yuan, BCRC China
	How did we do? - feedback on the training (including evaluation)	All participants	
	Certificates and closure of the workshop	Mr. Gamini Manuweera, BRS Secretariat Dr. Chen Yuan, BCRC China	
	Coffee break		

Annex II-List of Participants:

Regional workshop on sound life-cycle management of DDT under the Stockholm Convention Wuxi, Jiangsu Province, China, 14-16 April 2015

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