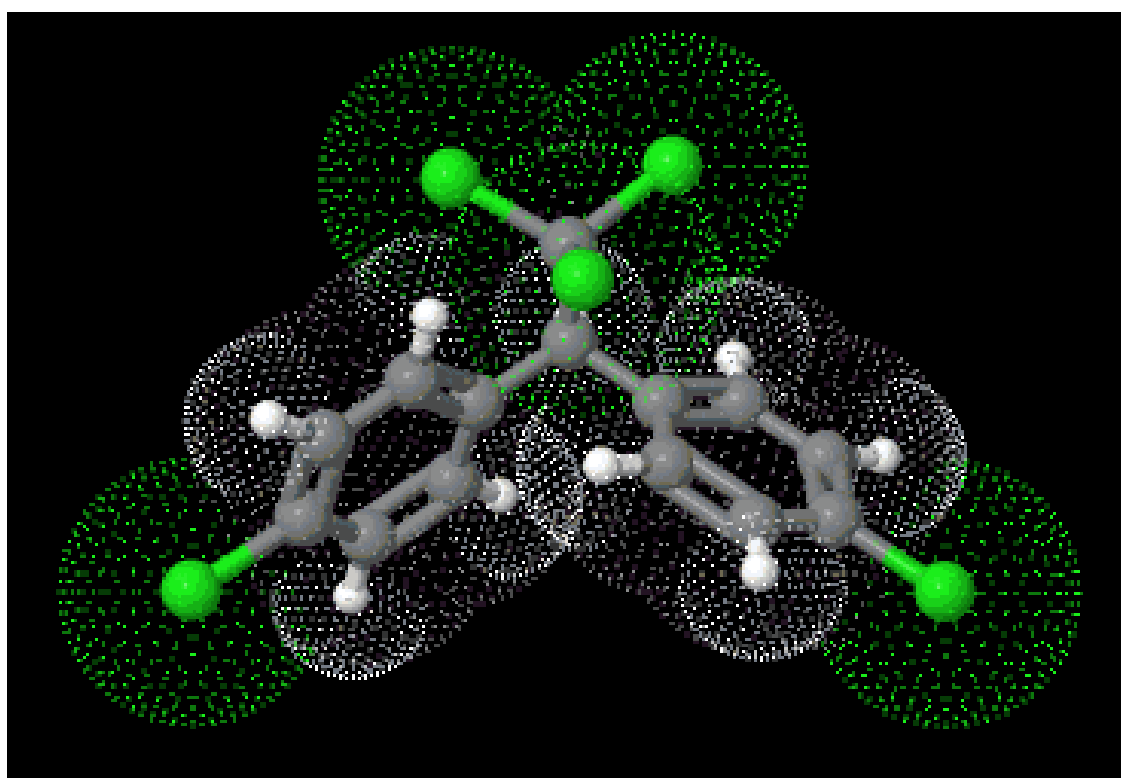


ROAD MAP FOR THE DEVELOPMENT OF ALTERNATIVES TO DDT



**UNEP/DTIE
CHEMICALS BRANCH
FEBRUARY 2015**

Document prepared by:
UNEP Chemicals Branch, DTIE
Science Team
International Environment House
11-13, chemin des Anémones
CH-1219 Châtelaine (GE)
Switzerland
Email: science.chemicals@unep.org

TABLE OF CONTENTS

Table of Contents.....	i
Acronyms and abbreviations	iii
1 Introduction	1
2 Situation Analysis	3
2.1 Status, Challenges and Opportunities in Vector Control	3
2.1.1 Status of Malaria and Visceral Leishmaniasis.....	3
2.1.2 Progress in Combatting Malaria	3
2.1.3 Remaining Challenges: Insecticide Resistance and Others	3
2.1.4 Integrated Vector Management	4
2.2 Vector Control	5
2.2.1 Indoor Residual Spraying with DDT	6
2.2.2 Indoor Residual Spraying With Other Chemicals	13
2.2.3 Other Chemical Interventions	15
2.2.4 Non-chemical Alternatives	18
3 Overview of Stakeholders	20
3.1 Parties to the Stockholm Convention.....	20
3.2 UNEP Chemicals Branch	21
3.3 World Health Organization.....	22
3.4 Global Alliance on DDT	23
3.5 DDT Expert Group.....	24
3.6 BRS Secretariat	24
3.7 POPs Review Committee	24
3.8 Stockholm Convention Regional Centers	25
3.9 Global Environment Facility	25
3.10 Global Coordination Group of the Global Monitoring Plan	28
3.11 Roll Back Malaria Partnership, Global Malaria Action Plan, Vector Control Working Group and the Multisectoral Action Framework for Malaria	28
3.12 UN-Habitat.....	29
3.13 Industry/Private Sector	29
3.14 Civil Society and Academia.....	30
3.15 Other Donors.....	30
4 Elements of the Road Map.....	32
4.1 Establish Overall Roadmap Management and Reporting Procedures	36
4.1.1 Coordinate and Implement the Road map and Provide Funding	36
4.1.2 Prepare Assessment Reports, Monitor Developments and Evaluate Progress (Linkages to Effectiveness Evaluation)	37

4.2	Implement the Roadmap	41
4.2.1	Strengthen the Base of Knowledge for Policy Formulation and Decision-making	41
4.2.2	Strengthen Country and Local Capacities to Manage Insecticide Resistance, Develop and Implement IVM Strategies, Assess and Deploy Alternatives	45
4.2.3	Develop and Deploy Chemical Alternatives to DDT for Indoor Residual Spraying	48
4.2.4	Sharing Experiences and Upscaling the Application of Non-chemical Alternatives	51
4.3	Eliminate DDT Stockpiles and Waste.....	53
4.3.1	Update National Inventories as Part of 2.2.1 and 2.2.2	53
4.3.2	Collect Obsolete Stocks as Part of 2.2.1 and 2.2.2	54
4.3.3	Repackage and Dispose as Part of 2.2.1 and 2.2.2.....	54

ACRONYMS AND ABBREVIATIONS

AFRO	WHO-Regional Office for Africa
AusAID	Australian Agency for International Development
BMGF	Bill and Melinda Gates Foundation
BRS Secretariat	Secretariat of the Basel, Rotterdam and Stockholm Conventions
CDC	Centers for Disease Control and Prevention
COP	Conference of the Parties
DDT	Dichlorodiphenyltrichloroethane
DFID	Department for International Cooperation
DPRK	Democratic People's Republic of Korea
DTIE	Division of Technology, Industry and Economics
EMRO	WHO Regional Office for the Eastern Mediterranean
FAO	Food and Agriculture Organization
FECO	Foreign Economic Cooperation Office
GEF	Global Environment Facility
GMP	Global Malaria Programme
GRULAC	Latin American and Caribbean Group
GMAP2	Second Global Malaria Action Plan
Icipe	International Centre of Insect Physiology and Ecology
IGOs	Intergovernmental organizations
IRS	Indoor residual spraying
ITNs	Insecticide treated nets
IVM	Integrated vector management
IVCC	Innovative Vector Control Consortium
JICA	Japan International Cooperation Agency
JMPS	Joint FAO/WHO Meeting on Pesticide Specification
LPDR	Lao People's Democratic Republic
MDGs	Millennium Development Goals

MERN	Ministry of Environment and Natural Resources
MH&FW	Ministry of Health and Family Welfare
MoCF	Ministry of Chemicals and Fertilizers
MoEF	Ministry of Environment and Forests
n.a.	Not available
PAHO	Pan American Health Organization
PEEM	Panel of Experts on Environmental Management for Vector Control
PMI	President's Malaria Initiative
POPs	Persistent organic pollutants
PRC	People's Republic of China
RBM	Roll Back Malaria Partnership
RDP	Rural and development programmes
RIDL	Release of Insects with Dominant Lethality
SCRCs	Stockholm Convention Regional Centers
SDC	Swiss Agency for Development and Cooperation
SEPA	State Environmental Protection Administrator
TPP	Target product profile
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UN-Habitat	United Nations Human Settlements Programme
UNICEF	United Nations International Children's Emergency Fund

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_14826

