

GOVERNMENT OF PAKISTAN  
MINISTRY OF ENVIRONMENT

# MANAGEMENT OF MERCURY AND MERCURY CONTAINING WASTE IN PAKISTAN

BY

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Final Workshop of Mercury Waste Project,  
21 – 23 June, 2010, University of Aberdeen, Scotland, UK

# Presentation Sequence

- Project Brief
- Objectives
- Expected Results
- Summary Table for Activities
- Summary of Activities
- Future Plan/Proposals

# Project Brief

Project Title:	Management of Mercury and Mercury Containing Waste in Pakistan
Sponsoring agency:	Norway
Executing Agency:	United Nations Environment Programme (UNEP), Chemicals Branch
Implementing agency:	International Cooperation Wing, Ministry of Environment, Government of Pakistan
Duration:	December, 2008-June, 2010

# Main objectives of the project

- Review and analysis of the national mercury inventory data
- Exchange of information with national stakeholders to prioritize mercury waste sources and sectors
- Development of a national mercury waste management plan
- Identification of possibilities for Environmental Sound Management (ESM) application in selected sources / sectors
- Sampling and analysis of relevant environmental and human samples

# Expected results/outputs of the project

- Enhancement of Draft Technical Guidelines on the ESM of Mercury Waste
- Prioritization of sector/source-specific mercury waste
- Development of national and source/sector-specific mercury waste management plans
- Implementation of training and capacity-building programs
- Awareness-raising of policymakers, regulators and stakeholders
- Mapping of existing capacity :
  - sampling of relevant matrices
  - mercury analysis at national level.



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**SUMMARY TABLE FOR ACTIVITIES WITHIN THE  
PROJECT ON "MANAGEMENT OF MERCURY AND  
MERCURY CONTAINING WASTE IN PAKISTAN**



**UNEP Chemicals Branch,  
Geneva**

S #	Activity	Country / Actors	Date	Objective	Remarks
1	Set-up national project management structure and identification of relevant national stakeholders	International Cooperation Wing, Ministry of Environment	March 2009	<ul style="list-style-type: none"> <li>i. Creation of national project team</li> <li>ii. Identification of national stakeholders</li> <li>iii. The draft national stakeholders workshop agenda indicating priority sectors to be communicated to International Consultant by end of March 2009</li> </ul>	
2	a. National stakeholders' meeting and orientation on the Draft Technical Guidelines on Environmental Sound Management (ESM) of Mercury Waste, criteria for prioritization and drafting of a national mercury waste management plan	IC Wing, M/o Environment and International Consultant	April 2009	Questionnaire of mercury issues to be distributed to Workshop participants in advance of the workshop	
	b. Sector-specific and awareness-raising activities on the Technical Guidelines (TG) application		May 2009	<ul style="list-style-type: none"> <li>i. National inception workshop of stakeholders</li> <li>ii. Site visits of International Consultant to hot spots i.e. Chlor-alkali industry (Ittehad Chemicals), hospital waste incinerator</li> <li>iii. Proceeding/report of inception workshop to be communicated to UNEP Chemicals Branch</li> </ul>	



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3	Collection of samples and shipment to UK	IC Wing, M/o Environment and Mercury Lab, UK	June 2009		
4	Development of national mercury waste management plan	IC Wing, M/o Environment and International Consultant	June 2009 – May 2010	Application of Basel Convention Technical Guideline on Mercury Waste on the following sectors;  a) Chlor-alkali industry b) Dental amalgams sector c) Medical waste incinerators	
5	Sharing of results national with local stakeholders	Mercury Lab, UK	July 2009		



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Burkina Faso, Cambodia, Chili, Pakistan, Philippines, International Consultant, Mercury Lab, UK and UNEP Chemicals Branch	March/ April 2010	i. Evaluation of project activities ii. Lessons learned iii. Discussion on draft final report	
IC Wing, M/o Environment and International Consultant	May 2010	Finalization of mercury waste management plan with recommendations of all the national stakeholders	
IC Wing, M/o Environment and International Consultant	June 2010	Final report will be submitted to UNEP Chemicals Branch by email	
UNEP Chemicals Branch			

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\\_14263](https://www.yunbaogao.cn/report/index/report?reportId=5_14263)

