



# Regional: Managing Hazardous Wastes

Project Name	Managing Hazardous Wastes		
Project Number	38401-012		
Country / Economy	Regional		
Project Status	Closed		
Project Type / Modality of Assistance	Technical Assistance		
Source of Funding / Amount	TA 6361-REG: Managing Hazardous Wastes		
	Technical Assistance Special Fund		US\$ 400,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth Regional integration		
Drivers of Change	Governance and capacity development Private sector development		
Sector / Subsector	Water and other urban infrastructure and services / Urban hazardous waste management		
Gender	No gender elements		
Description	<p>This RETA will strengthen the regulatory and institutional framework, and improve the information exchange relating to the management of hazardous wastes in SASEC countries (Bangladesh, Bhutan, India, and Nepal).</p> <p>At the subregional level, this RETA aims for (i) sharing of knowledge within the region on handling hazardous wastes, and on preparing regulatory and insitutional frameworks to manage hazardous wastes; (ii) establishment of mechanisms to maintain a network and a forum to learn from other countries in managing hazardous wastes with public-private participation.</p>		
Project Rationale and Linkage to Country/Regional Strategy	<p>The RETA was identified and recommended by the Environmental Working Group (EWG) of South Asia Subregional Economic Cooperation (SASEC) at its special meeting in 2002 and endorsed at the Country Advisors Meeting in 2005. This RETA was then included in the Regional Cooperation Strategy and Program (RCSP), 2006-2008. It is expected that a common hazardous wastes treatment plant to serve these countries could be established.</p> <p>The EWG under the SASEC program identified pollution, particularly with regard to hazardous wastes, as one of the major subregional environmental issues to be addressed by SASEC countries (Bangladesh, Bhutan, India, and Nepal). The hazardous substances are generated from various activities: agricultural, industrial, and household activities. Bhutan has not yet established institutional and legal frameworks to effectively address the problem. In Nepal, several studies and workshops on managing hazardous wastes have been carried out, and the hazardous, polluting industries and activities have been identified. Nepal's next step is to develop policies under the Environmental Protection Act. In Bangladesh, the generation of hazardous wastes is rapidly increasing and appropriate disposal remains a challenge problem. India, with its heavy industrialization in some sectors, also faces significant challenges in disposing of hazardous wastes. However, the opportunities to reduce, recover, and reuse the hazardous wastes have not yet been properly identified.</p>		
Impact	Improvement of management of handling pollution especially related with hazardous wastes in this subregion		

## Project Outcome

Description of Outcome	1. The approach to manage hazardous wastes is institutionalized and the system to prevent pollution associated with hazardous wastes is improved. 2. Countries within the subregion share their knowledge on handling hazardous wastes.
Progress Toward Outcome	All activities completed.

## Implementation Progress

Description of Project Outputs	Waste inventory reports for Bangladesh, Bhutan and Nepal Draft policy and rules for managing hazardous wastes in Bangladesh, Bhutan and Nepal Report on India's hazardous waste regulations, with recommendations on incorporating reuse, recycling, and recovery principles Report on potential involvement of private sector in managing hazardous wastes. Training modules for managing hazardous wastes. Mechanism to maintain network
Status of Implementation Progress (Outputs, Activities, and Issues)	All inventory reports have been submitted and accepted by RETA Governments. Draft policy and rules for BAN, BHU and NEP were prepared by national consultants and submitted to respective governments. Local workshops attended by various stakeholders were held to discuss draft policy and rules. Reports are disclosed in the ADB website.
Geographical Location	Regional

## Summary of Environmental and Social Aspects

Environmental Aspects	
Involuntary Resettlement	
Indigenous Peoples	
Stakeholder Communication, Participation, and Consultation	
During Project Design	.

During Project Implementation Local stakeholder workshops were conducted for both inventory and policy development phases of the RETA for BAN, BHU, and NEP. These were attended by the industrial sectors that participated in the inventory phase, as well as by government and the private sector. In IND, stakeholder workshops were held in Bangalore, Vadodara and Kolkata to understand what the issues and understanding of recyclers of hazardous wastes in these areas. Another stakeholder workshop was held to disseminate the revised regulation for hazardous waste management rules, and training for inventory of hazardous wastes. The RETA country reports disclosed in the ADB website provide documentation on the above stakeholder consultations.

#### Business Opportunities

Consulting Services International individual consultants with expertise in hazardous management (4 person-months) will be recruited on an intermittent basis during TA implementation. The national individual consultants (range from 6-9 person-month average 7.5 person-month for each country) with expertise in (i) hazardous waste management for all 4 countries, (ii) environmental policy specialist for Bangladesh, Bhutan and Nepal, and (iii) private sector on waste management specialist for India will be recruited also on an intermittent basis.

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Responsible ADB Department	South Asia Department
Responsible ADB Division	Transport and Communications Division, SARD
Executing Agencies	Asian Development Bank 6 ADB Avenue, Mandaluyong City 1550, Philippines

#### Timetable

Concept Clearance	21 Feb 2006
Fact Finding	29 Mar 2006 to 31 Mar 2006
MRM	-
Approval	12 Dec 2006
Last Review Mission	-
PDS Creation Date	01 Mar 2006
Last PDS Update	25 Apr 2011

## TA 6361-REG

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
12 Dec 2006	-	12 Dec 2006	30 Nov 2007	31 Dec 2010	31 Mar 2011

Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
400,000.00	0.00	24,000.00	0.00	0.00	0.00	424,000.00	17 Jun 2022	338,196.04

Project Page	<a href="https://www.adb.org/projects/38401-012/main">https://www.adb.org/projects/38401-012/main</a>
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