

RETA 6337 – PERFORMANCE MONITORING REPORT
end December 2010

Project Name	SP9- REG: Best Practices for Municipal Solid Waste Management in South Asia: A New Knowledge Product	Mission Leader	: Ron Slangen
(Amount in US\$)	300,000	Dept./Division	: SAUD
Approval Date	29 April 2009	Completion Date	Original: 29 Jul 10 Revised: 30 Jun 11
Executing Agency/ Implementing Agency	Asian Development Bank (ADB)	TA Status: Ongoing	Review Missions:
Project Description	The primary objective of this subproject is to facilitate knowledge transfer to policy makers and city officials throughout the region by identifying, documenting, and disseminating innovative approaches in organic waste management. The subproject will draw lessons learned from within the region as well as present international best practices through field research and participatory workshops. The final output will consolidate the findings into a well organized publication consisting of a decision making guide and operational toolkit available hard copy and on-line. The publication will highlight innovations in policy, regulations, management, technology, and marketing and is intended for use by both government officials and ADB operations staff. The publication will add value to ongoing ADB programs and projects with municipal solid waste components by filling the knowledge gap for successful practices and creating a menu of options for addressing local challenges.		
Impact	Implementation of new and/or improved solid waste management projects with organic waste components in Bangladesh, Nepal, Sri Lanka, and India with increased numbers of municipalities implementing such practices.		
Outcome	Government officials from the participating countries are more equipped with new knowledge and awareness in identifying, advocating, designing, and implementing improved SWM systems.		

Financing Plan/TA Utilization (US\$)

-----Financing Plan-----				-----TA Amount-----		Total Commitment	Uncommitted Balance	Total Disbursement	Undisbursed Balance
ADB	Others	Gov't.	Total	Approved	Revised				
300,000			300,000	300,000		200,954	99,046	125,216	174,784

Implementation Progress

Activities with Milestones	Assessment of Progress to date
<ul style="list-style-type: none"> • Development and dissemination of new knowledge products highlighting organic waste management for city officials of selected South Asian countries. • Development and dissemination of regional and international case studies highlighting success stories in organic waste management. • Workshops for enhancing the understanding of improved organic waste management. 	<ul style="list-style-type: none"> • The new knowledge product is currently being developed with draft final reports expected in January 2011. Final publication expected 2nd quarter 2011. • Same as above. To be incorporated into the final knowledge product. • National workshops were held in Nepal (2-3 April 2010), Sri Lanka (5-6 April 2010), and India (15 May 2010). A regional workshop is scheduled in Dhaka Bangladesh from 2-3 August. The country workshops were successful in providing a forum for knowledge sharing and capacity development for government and non government stakeholders on organic waste management, carbon financing, biogas, and composting.

Consultant Details

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-----Individual/Firm Name-----	Contract No.	Amount	Contract Date	Fielding Dates	-----Completion Dates-----	
					Orig/Revised	Actual
NB Mazumdar (India, SWM expert)	S-19281	28,544	2 Mar 2010	3 Mar 2010	30 Jun 2010/ 6 Aug 2010	6 Aug 2010
AH Sinha (Bangladesh, CDM expert)	S-19823	19,400	26 Jan 2010	1 Feb 2010	31 May 2010/ 6 Aug 2010	6 Aug 2010
I Enayetullah (Bangladesh, Organic waste expert)	S-19971	20,400	26 Jan 2010	1 Feb 2010	31 May 2010/ 6 Aug 2010	6 Aug 2010
R Samarakkody (Sri Lanka, SWM expert)	S-20067	18,200	8 Feb 2010	9 Feb 2010	31 May 2010/ 6 Aug 2010	6 Aug 2010
B. Tuladhar (Nepal, SWM expert)	S-20823	18,000	26 Jan 2010	1 Feb 2010	31 May 2010/ 6 Aug 2010	6 Aug 2010
M. Alamgir (Bangladesh, SWM expert)	S-20825	20,800	26 Jan 2010	1 Feb 2010	31 May 2010/ 6 Aug 2010	6 Aug 2010
AK Haque (Bangladesh, economist)	S-21360	6,900	23 Feb 2010	1 Mar 2010	31 May 2010/ 6 Aug 2010	6 Aug 2010
A. Campbell (Australia, Organic waste expert)	S-51469	45,000	5 Oct 2010	6 Oct 2010	31 Jan 2011	

Other Issues/Problems	Actions Proposed/Taken
<p>A 5 month extension to the original RETA completion date (29 July 2010) was requested due to a delay in scheduling workshops. The delay was due to the required advanced notices to government nominees (as per ADB's SARD memo dated 23 July 2008 – "Guidelines on request for nominations (SARD) for workshops" which requires 2 months advanced notice for India and 1 month advanced notice for other countries). The delay in workshop scheduling pushed back preparation of the final publication.</p> <p>A second extension to the project completion date (29 December 2010) was requested due to a delay in recruiting an international consultant and to also allow further time for review and publishing of final knowledge product.</p>	<p>A formal request for a 5 month extension from 29 July to 29 December 2010 was approved. A second extension was approved to 30 June 2011.</p>

Specific contribution towards achievement of impact and outcome:
<p>The subproject generated much awareness in the region through four participatory knowledge sharing workshops - one in India, Nepal, Sri Lanka, and a regional forum in Bangladesh. Workshops were well attended (60-80 persons per workshop) with active participation from a variety of government stakeholders (e.g., urban, agricultural, and fertilizer ministries and local officials) and non-government stakeholders. The regional forum in Bangladesh highlighted lessons learned from each country as well as presented international best practices, highlighting Australian experience. Workshop and country reports were submitted to ADB. Significant interest was expressed in developing future projects based on the outcome of the RETA. The subproject recruited an international consultant, Mr. Angus Campbell (an Australian, Director of Recycled Organics Unit based in Sydney), to synthesize the country and workshop reports and to draft a high quality professional written output. The final output will consolidate the workshop and national report findings into a well organized publication within the original analytical framework set forth for the project. The publication will highlight innovations in policy, regulations, management, technology, compost marketing, etc. It will be a useful tool for both local government officials, decision makers, and ADB operations staff. Key findings of the subproject, so far, include: (i) compost quality standards are needed in order to ensure the marketability of municipal compost as an agricultural fertilizer; (ii) carbon co-financing through the Clean Development Mechanism is critical for ensuring the sustainability of facilities; (iii) clearer frameworks and rules are needed to induce private sector investment and reduce uncertainty; (iv) facility design and technology selection should be chosen and configured considering the commercial viability in the context of planning authority requirements, policy and regulatory settings, product related regulatory requirements and guidelines, compost product requirements of target markets, available raw materials for processing, proximity to sensitive receptors, identified commercial and regulatory risk, and competitor analysis and product marketing plans; (iv) segregated waste is the critical factor, and; (v) acquiring sufficient land for operations.</p>

B. V. Fabe

TASU Project Assistant

Ron Slangen

PROJECT OFFICER