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PHILIPPINE ENVIRONMENTAL GOVERNANCE 2 PROJECT (EcoGov 2)

# Quarterly Performance Report No. 19

April 1 through June 30, 2009

August 14, 2009

This publication was produced for review by the United States Agency for International Development. It was prepared by Development Alternatives, Inc.



The EcoGov 2 Project is an initiative of the Government of the Philippines, implemented in partnership with the Department of Environment and Natural Resources, Department of the Interior and Local Government, local government units and other stakeholders, funded by the United States Agency for International Development and managed by Development Alternatives, Inc. and its subcontractors:

Cesar Virata & Associates, Inc. ■  
Deloitte Touche Tohmatsu Emerging Markets ■  
The Marine Environment and Resources Foundation, Inc. ■  
The Media Network ■  
Orient Integrated Development Consultants, Inc. ■  
Resources, Environment and Economics Center for Studies, Inc. ■

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**April 1 through June 30, 2009**

<b>Program Title:</b>	<b>The Philippine Environmental Governance 2 Project (EcoGov 2)</b>
<b>Sponsoring USAID Office:</b>	<b>USAID Philippines</b>
<b>Contract Number:</b>	<b>492-C-00-04-00037-00</b>
<b>Contractor:</b>	<b>Development Alternatives, Inc.</b>
<b>Date of Publication:</b>	<b>August 14, 2009</b>

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.



## PREFACE

The United States Agency for International Development (USAID), through its Mission to the Philippines, has contracted Development Alternatives, Inc. (DAI) to implement the Environmental Governance 2 Project (EcoGov 2) under Contract 492-C-00-04-00037-00. The effective date of the contract is October 1, 2004 through September 30, 2009, with a two-year option period to September 30, 2011. DAI implements the project with the assistance of six organizations. Four of these are Philippine organizations — Cesar Virata & Associates (CVAI); the University of the Philippines' Marine Environment and Resources Foundation (MERF); Orient Integrated Development Consultants, Inc. (OIDCI); and Resources, Environment and Economic Center for Studies (REECS). The other two are American firms — the Deloitte Emerging Markets Group (EMG) and The Media Network.

The Contract requires DAI to submit Quarterly Progress Reports to USAID within 45 days of the close of each operating quarter. This report summarizes the April to June 2009 quarterly objectives, accomplishments toward those objectives, implementation issues and proposed resolutions, the status toward achieving sustainability of efforts, and the planned performance objectives for the next quarter.

The report consists of several sections. The first is an overview of the project and a summary of progress and activities over the preceding quarter. Succeeding sections provide detailed updates on activities undertaken for each of six Contract Line Item Numbers (CLINs), which themselves correspond to the target areas in the Contract Scope of Work (SOW). More detailed information on EcoGov 2 is available in other reports for readers who may not be familiar with the project. These reports are available from our project offices and USAID.

Development Alternatives, Inc.  
USAID/Philippines EcoGov 2

14 August 2009

Note on the use of currency: Financial information is presented in USD with PHP equivalents.  
At the time of report preparation, one U.S. dollar was equivalent to approximately 48 pesos.

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## ACRONYMS

ADB	- Asian Development Bank
ADSDPP	- Ancestral Domain Sustainable Development and Protection Plan
ARMM	- Autonomous Region in Muslim Mindanao
BEMO	- Bohol Environment Management Office
BLGU	- Barangay LGU
CADC	- Certificate of Ancestral Domain Claim
CADT	- Certificate of Ancestral Domain Title
CBFMA	- Community-Based Forest Management Agreement
CIDA	- Canadian International Development Agency
CLE	- Coastal Law Enforcement
CLIN	- Contract Line Item Number
CRM	- Coastal Resources Management
CSCRM	- Camotes Sea Coastal Resources Management Council
CVAI	- Cesar Virata & Associates, Inc.
DA/BFAR	- Department of Agriculture/Bureau of Fisheries and Aquatic Resources
DAI	- Development Alternatives, Inc.
DED	- Detailed Engineering Design
DENR	- Department of Environment and Natural Resources
DILG	- Department of the Interior and Local Government
ECC	- Environmental Compliance Certificate
EcoGov	- USAID-Philippine Environmental Governance 2 Project
EMB	- Environmental Management Bureau
EMG	- Emerging Markets Group
ENR	- Environment and Natural Resources
ENRD	- Environment and Natural Resources Division
ENRM	- Environment and Natural Resources Management
ENRMP	- Environment and Natural Resources Management Plan
ENRO	- Environment and Natural Resources Office
EU	- European Union
FASPO	- Foreign-Assisted and Special Projects Office
FFM	- Forests and Forest Lands Management
FGD	- Focus Group Discussion
FLET	- Fishery Law Enforcement Team
FLUP	- Forest Land Use Plan
FMB	- Forest Management Bureau
FTAP	- Functionality, Transparency, Accountability and Participation
GDS	- German Development Service
GEF	- Global Environment Facility
GIS	- Geographic Information System
GoAd	- Governance and Advocacy Sector
GOP	- Government of the Philippines
GSA	- Guided Self-Assessment
GTZ	- German Technical Assistance
IBRA	- Illana Bay Regional Alliance
ICRMP	- Integrated Coastal Resources Management Plan
IEC	- Information, Education and Communication
IEE	- Initial Environment Examination
IEM	- Integrated Ecosystem Management
IPR	- Individual Property Right
IQS	- Indefinite Quantity Subcontracts

IRR	-	Implementing Rules and Regulations
ISFI	-	Institute for Small Farms and Industries
ISWM	-	Integrated Solid Waste Management
KBA	-	Key Biodiversity Area
LCE	-	Local Chief Executive
LCP	-	League of Cities of the Philippines
LGSP-LED	-	Local Government Support Project for Local Economic Development
LGU	-	Local Government Unit
LMP	-	League of Municipalities of the Philippines
LOP	-	Life of Project
LPP	-	League of Provinces of the Philippines
LSP	-	Local Service Provider
M&E	-	Monitoring and Evaluation
MANP	-	Mount Apo Natural Park
MDC	-	Municipal Development Council
MENRO	-	Municipal Environment and Natural Resources Office
MERF	-	Marine Environmental and Resources Foundation
MLGU	-	Municipal LGU
MOA	-	Memorandum of Agreement
MPA	-	Marine Protected Area
MPDC	-	Municipal Planning and Development Coordinator
MPM	-	Master in Public Management
MRF	-	Materials Recovery Facility
MSUS	-	Mindanao State University System
NCIP	-	National Commission for Indigenous Peoples
NGO	-	Non-Government Organization
NIPAS	-	National Integrated Protected Area System
NRM	-	Natural Resources Management
NSWMC	-	National Solid Waste Management Commission
OIDCI	-	Orient Integrated Development Consultants, Inc.
PAMB	-	Protected Area Management Board
PAWB	-	Protected Areas and Wildlife Bureau
PEMO	-	Provincial Environment Management office
PENRO	-	Provincial Environment and Natural Resources Office
PES	-	Payment for Environmental Services
PLGU	-	Provincial LGU
PNP	-	Philippine National Police
PO	-	People's Organization
PPP	-	Public-Private Partnership
RAFI	-	Ramon Aboitiz Foundation, Inc
REECS	-	Resources, Environment and Economic Center for Studies
SB	-	Sangguniang Bayan
SLF	-	Sanitary Landfill Facility
SO	-	Strategic Objective
SOW	-	Scope of Work
SP	-	Sangguniang Panlalawigan
STF	-	Septage Treatment Facilities
STTA	-	Short-Term Technical Assistance
SUSEA	-	Sustainable Sanitation in East Asia
SuWMB	-	Sustainable Waste Management Board
SWAPP	-	Solid Waste Management Association of the Philippines
SWM	-	Solid Waste Management

TA	-	Technical Assistance
THW	-	Toxic and Hazardous Waste
TWG	-	Technical Working Group
UEM	-	Urban Environmental Management
UNDP	-	United Nations Development Programme
USAID	-	United States Agency for International Development
VMOG	-	Vision, Mission, Objectives and Goals
WACS	-	Waste Assessment and Characterization Study
WWM	-	Wastewater Management
WWTF	-	Wastewater Treatment Facilities



## 1. PROJECT OVERVIEW AND HIGHLIGHTS OF PROGRESS THIS QUARTER

The Philippine Environmental Governance 2 (EcoGov2) Project, a grant by the US Government to the Government of the Philippines (GOP), provides technical assistance for the implementation of activities resulting in improved environmental governance by the project's local and national counterparts, improved management of forests, coastal and marine areas and solid waste, and the promotion of local government investment into sanitation facilities. Through its activities, EcoGov2 supports the U.S. Government's Foreign Assistance Framework, and its targets linked to the United States Agency for International Development's (USAID) Standard Indicators in the Environment area, specifically on (a) Natural Resources and Biodiversity, and (b) Clean Productive Environment. EcoGov2 fits within USAID's Strategic Objective 4 (SO 4) for strengthening the management of productive and life-sustaining natural resources and USAID's new Environment and Energy Assistance Agreement with the GRP. It supports the overall Mission goal of enhanced security, governance, and capacity for sustainable and equitable economic growth. As such, the long-term vision for EcoGov2 is to conserve biological diversity by addressing problems of open access, pollution of coastal waters and water bodies in urban areas, and mitigating natural resource-based conflicts in priority eco-regions, or "key biodiversity areas" (KBAs). By contract, EcoGov 2 runs from October 1, 2004 through September 30, 2009, with possibility of a two-year option period from October 1, 2009 to September 30, 2011.

### 1.1. Project Overview

EcoGov 2 has worked in five technical areas and three broad geographic locations in the country. It also uses several cross-cutting elements in its technical approaches and works at a national level for institutional strengthening. The technical areas, which the implementation team refers to as sectors, correspond to five Contract Line Item Numbers (CLINs)<sup>1</sup>, as follows:

CLIN 0001: Strengthened Government Institutions, with a five-year target of improving the capacity of 80 local government units (LGUs) to apply better governance practices in the management of their natural resources. The team uses a combination of advocacy, social marketing, public awareness (e.g., information, education and communication or IEC methods), and local-level policy support to achieve its goals in this sector. (Referred to in this report as the Governance and Advocacy sector, or GoAd.)

CLIN 0002: Improved Forest Management, aimed at reducing illegal logging and conversion of forest lands and with five-year targets of (a) placing over 250,000 ha of natural forest under improved management, (b) improving the productive development of 14,000 ha of forest, and (c) clearly establishing four management links between watershed management and the downstream water distribution system. (Referred to in this report as the forests and forest lands management sector, or FFM.)

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<sup>1</sup> There is also a CLIN 0006 for Management and Administration. This CLIN accounts for those costs, such as office rent, that cannot be precisely allocated to a single sector.

CLIN 0003: Improved Coastal Resources Management (CRM), aimed at reducing over-fishing and destructive fishing and with five-year targets of (a) placing 106,000 ha of coastal area under improved management, (b) establishing 20 new marine sanctuaries, and (c) improving the management of 50 existing marine sanctuaries. (Referred to in this report as the CRM sector.)

CLIN 0004: Improved Waste Management, with a five-year target of effecting significant diversion of waste from open dumps to controlled dumps, sanitary landfills, recycling, and composting in 90 LGUs. (Referred to in this report as the urban environmental management sector, or UEM.)

CLIN 0005: Municipal Investment in Sanitation, with a five-year target of promoting public and private investment in the wastewater and solid waste disposal facilities of 20 LGUs.

Certain elements of the project are not captured in any single CLIN, but are clearly part of the Contract and/or the approach. These include promotion of transparent, accountable, participatory, and gender inclusive processes; organizational strengthening of national- and provincial-level line agencies; the enhancement of law enforcement; and a commitment to measuring improved health at a household level.

EcoGov2 implements activities toward achieving the five sets of targets by working from four offices serving central, and southern portions of the country:

Manila: maintaining Sector Leaders, senior policy analysts, technical specialists and administrative support personnel, who liaise with the USAID Mission, work with national level agencies and who lead field efforts.

Cebu City: serving LGUs in Central Visayas.

General Santos City: serving LGUs in the central, southern, and eastern portions of Mindanao, including partners from the Autonomous Region in Muslim Mindanao (ARMM)<sup>2</sup>.

Pagadian City: serving LGUs in western/peninsular Mindanao and Basilan.

At the national level, the principal counterparts of the project are the Department of Environment and Natural Resources (DENR) and several of its bureaus. The project also works with the Department of Agriculture Bureau of Fisheries and Aquatic Resources (DA/BFAR), Department of the Interior and Local Government (DILG), and the Leagues of Municipalities, Cities, and Provinces (LMP, LCP, and LPP, respectively). At the local level, the project works directly with LGUs, as well as the local offices of national government agencies entrusted with natural resources management. At all levels, the project works with non-government and civil society organizations, academic institutions, and local service providers who are stakeholders, or partners, with EcoGov2.

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<sup>2</sup> EcoGov 1/EcoGov 2 maintained a regional office in Cotabato City for this portion of Mindanao throughout 2002, 2003, 2004, and 2005. For strategic and logistical reasons, this office relocated to General Santos City at the close of 2005. Similarly an office serving Northern Luzon, based in Solano, was closed during the previous quarter.

## 1.2. Highlights of Progress this Quarter and Trends in Implementation

- The 2009 GSA survey was completed. The various GSA indices have been computed, by function, by principle, by region, by sector, by KBA and aggregated. The results show that 81 LGUs have a registered over-all environmental governance index within the range 0.75-1.00, which is the benchmark index for well-performing LGUs.
- Targets in hectares of forests and forestlands have been surpassed, while cumulative accomplishments of the FFM sector in terms of improved natural forest management show achievement of 99% of the LOP target. There is continued mainstreaming of FLUP processes within DENR and among LGUs, and an increasing awareness of the value of using FLUP instruments to create conditions conducive to good governance and investment in sector.
- The CRM sector has exceeded targets with respect to coastal areas under improved management, and is close to reaching biophysical targets related to marine sanctuaries. MPA networks and inter-LGU alliances are gaining currency, and there is now wider recognition of EcoGov efforts and validation of its model which should spur rates of adoption of good practices.
- In SWM waste diversion is on track with almost 90% of the LOP target achieved. Designs of SLFs are ongoing and require additional support through social marketing. The establishment of special accounts through “ring fencing” is starting to take hold.
- In WWM local investments in facilities are slower than anticipated with 60% of the target achieved. EcoGov will continue its work in this area, and re-double efforts which may be supported through partnership development, social marketing and focused ENR financing initiatives. There is a wider understanding of the constraints to promoting investments in municipal sanitation.
- Policy processes and deliberations have been catalyzed at various levels (national and local) and across sectors and geographic regions. This is evidenced by the attention given to inter-LGU alliances and increasing numbers of ordinances, law enforcement protocols, co-management agreements and memoranda of agreement/understanding that are being created.
- In terms of new areas of focus, EcoGov-assisted LGUs are demonstrating higher levels of interest in law enforcement, financing and climate change adaptation.
- There are now higher levels of engagement at the levels of community, government and Muslim religious leadership with respect to the value that can be realized through approaches encouraged through Al Khalifa.
- The EcoGov knowledge management strategy is taking shape. The strategy consists of a range of separate, but interlinked elements which are either ongoing or planned. These initiatives consist of integrating environmental governance case materials with

university level courseware, outreach and partnership development, promotion of blended learning systems (e.g., cross visits, demonstrations, formal and informal training, etc.), public affairs, development of printed materials, development of multimedia materials, support to policy advocacy and social marketing tools and methods.

- Adaptive management practices continue in view of the uncertainty with respect to timing of the award for the proposed Option Period (Years 6 and 7).

Table 1 below provides summary information on targets and accomplishments for this reporting period. Corollary information relevant to USAID Standard Indicators - "Environment" Area for Natural Resources and Biodiversity (NRB) and Clean Productive Environment (CPE) are presented in an appendix to this report.

**Table 1. Summary of Targets and Accomplishments as of June 30, 2009**

Life-of-Project (LoP) Target	Year 5 Target	Accomplishments	
		Year 5	LoP
<b>Indicator 1: Number of government institutions meeting good environmental governance index (cumulative)</b>			
80 LGUs	80 LGUs	81 LGUs (101%)	81 LGUs (101%)
<b>Indicator 2: Hectares of natural forest under improved management</b>			
254,670 ha	20,795 ha	20,356 ha (98%)	254,393 ha (99.8%)
<b>Indicator 3: Hectares of forestlands under productive development</b>			
14,000 ha	LOP target has been exceeded.		32,097 ha (229%)
<b>Indicator 4: Coastal areas under improved management</b>			
106,700 ha	13,633 ha	14,368 ha (105%)	107,435 ha (101%)
<b>Indicator 5: Number and hectares of new marine sanctuaries established</b>			
20 sanctuaries (627 ha)	LOP target achieved in Year 3		21 MPAs (105%); 1,362 ha (217%)  29 additional MPAs were brought to the "established" level in the process of strengthening their management.
<b>Indicator 6: Number and hectares of existing marine sanctuaries under improved management</b>			
50 sanctuaries 2,500 ha	16 MPAs 320 ha	15 MPAs (94%) 523.8 ha (164%)	49 MPAs (98%); 2,602 ha (104%).
<b>Indicator 7: Number of LGUs diverting at least 25% of waste from disposal to recycling and composting</b>			
90 LGUs	38 LGUs	28 LGUs (74%)	80 LGUs (89%).
<b>Indicator 8: Number of LGUs investing in wastewater facilities</b>			
20 LGUs	14 LGUs	6 LGUs (43%)	12 (60%).
<b>Indicator 9: Number of persons with access to or to be benefited by sanitation facilities.</b>			
	110,000 persons	21,180 persons	181,530 persons

## 2. DETAILED QUARTERLY PERFORMANCE REPORT BY CONTRACT LINE ITEM NUMBER

### 2.1. Strengthened Government Institutions

#### *a. Expected Outputs for the Quarter*

The status of the expected outputs for this Quarter are as follows:

**Table 2. GoAd Expected Outputs for the Quarter**

<i>Expected Outputs</i>	<i>Status</i>
<ul style="list-style-type: none"> <li>Complete the GSA for all 91 project-assisted LGUs. Process the results of at least the Northern Luzon and Western Mindanao regions.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Consolidate a Communications Strategy for EcoGov that will focus on knowledge product development and dissemination, raise the profile of USAID and EcoGov in view of contributions to reducing threats to biodiversity conservation, foster new strategic alliances, and re-energize existing partnerships</li> </ul>	<ul style="list-style-type: none"> <li>On-going</li> </ul>
<ul style="list-style-type: none"> <li>Continue to provide assistance to DENR-FASPO with respect to design, development and organization of the proposed National Conference on Environment and Natural Resources (ENR) Financing</li> </ul>	<ul style="list-style-type: none"> <li>On-going</li> </ul>
<ul style="list-style-type: none"> <li>Participate in the TWG of the LMP's Second Conference of Coastal Municipalities, and support key EcoGov stakeholders to contribute to various segments of the conference</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Collaborate with partners (national and regional) in the conduct of activities related to the celebration of Earth Day (April), Ocean Month (May) and Environment Month (June).</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Develop action plan with MSUS for initial implementation (April-September) of the EcoGov-MSUS MOA</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Complete the development by Silliman University of the certificate course for LGU ENROs</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Complete the threat analysis of Davao Gulf and from it develop a communication and advocacy material to help bring the issue to the regional level.</li> </ul>	<ul style="list-style-type: none"> <li>On-going; most technical inputs collected and advocacy materials under development</li> </ul>

#### *b. Summary of Accomplishments and Activities*

The following are the accomplishments and activities of national and regional support for achieving sector targets.

## **National Support for GOAD Sector Activities**

### *Governance Self Assessment Surveys*

- The 2009 GSA survey was completed. Of the total 86 LGUs covered, 19 are from Northern Luzon, 33 from Central Visayas, 21 from South and Central Mindanao and 13 from Western Mindanao. The various GSA indices have been computed, by function, by principle, by region, by sector, by KBA and aggregated. The results show that 81 LGUs have a registered over-all environmental governance index within the range 0.75-1.00, which is the benchmark index for well-performing LGUs. This modestly exceeds the project target of “80 government institutions meeting environmental good governance index benchmarks.” From the 2005 baseline and 2007 mid-term over-all average indices for all LGUs of 0.63 and 0.75, respectively, the project-level average for this 2009 assessment is now 0.89. (It should be noted that 2005, 2007 and 2009 are the reporting periods for GSA.)

Comprehensive data on trends in environmental governance indices has been prepared and presented as a special appendix to this report. A separate report on the GSA is being prepared.

### *Second Conference of Coastal Municipalities*

- EcoGov was a partner for the “Second Conference of Coastal Municipalities”, co-convened by the League of Municipalities of the Philippines (LMP) and FISH Project from 28-30 June 2009 in Cebu City. EcoGov supported the participation of four LCEs (Dauin, Tabina, Pilar and Dumalinao) in this conference and participated in the Conference Exhibition.

EcoGov co-convened the workshop session on “Maintaining Marine Biodiversity” with Conservation International (CI) and the Marine Protected Area Support Network (MSN). Dr. Annette Meñez, EcoGov CRM Senior Advisor and Mayor Ace Cerilles of Dumalinao, Zamboanga del Sur, delivered technical papers on “Marine Biodiversity, Ecosystem Services and Human Well Being” and “Networking Marine Protected Areas: The Illana Bay Regional Alliance 9”, respectively.

In another workshop on “Sustainable Funding Mechanisms,” Mayor Rodrigo Alanano, of Dauin, an EcoGov-assisted LGU, shared their good practices through a presentation on “Conservation Pays: The User Fee System of Dauin, Negros Oriental.” In the workshop on “Climate Change Adaptation,” Bayawan City Mayor German Saraña Jr. provided information on the city's initiatives in climate change adaptation.

The “Para El Mar MPA Awards and Recognition Event” highlighted the first night of this conference. The Pilar Municipal Marine Park (PMMMPA) of Camotes Island won first place, while the Tambunan MPA, received second place honors. Both are EcoGov-assisted sites. Three of the eight consolation prizes also went to EcoGov-assisted sites: Bibilik Marine Sanctuary and Talisay MPA, which are both found in Zamboanga del Sur, and Bangaan Marine Sanctuary located in Tungawan, Zamboanga Sibugay. EcoGov also indirectly assisted through a grant to CCEF, another MPA consolation prize winner, the Daanlungsod-Guiwang marine sanctuary situated in the Municipality of Alcoy in Cebu. (Additional information is provided in Section 2.3)



*Mayor Jesus Fernandez, Jr. and Councilor Eufracio Maratas of Pilar, Cebu (second and third from right, respectively) receive prizes on behalf of their municipality at the National MPA Awards and Recognition Event. Presenting the trophy and the facsimile of the monetary award are (from left) Li-ann de Leon, LMP Executive Director, Dr. Uwe Scholz, Program Director of GTZ, USec Manuel Gerochi of DENR, Director Cesar Pagdilao of DoST and Prof. Porfirio Aliño, Coordinator of the MPA Support Network (MSN). Photo credit: MSN*

### *National Conference on ENR Financing*

- EcoGov team members continued to collaborate with DENR (FASPO, EMB, FMB, NSWMC), USAID and NEDA on the TWG of the “National Conference on Environment and Natural Resources (ENR) Financing”. With assistance from EcoGov, the TWG designed a survey instrument that would gather information from selected LGUs and serve as baseline for both the design of the conference as well as downstream capacity-building activities. EcoGov administered the survey across over 80 EcoGov-assisted sites. The survey administration was conducted with support from EcoGov regional office personnel, as well as partner LGUs. The DENR-FASPO administered the survey across its FAPs, particularly the ICRMP (ADB-supported) and ENRMP (World Bank-supported). The survey was designed to determine the level of awareness, experience and interest of LGUs with respect to various sources of ENR financing, qualify any gender equality issues, and establish a catalogue of proposed or pipeline ENR projects for each municipality or province. The information generated will be considered in finalizing the conference design, and contribute to the establishment of an information base. By 30 June 2009 thirty one (31) survey responses were received and processed by EcoGov.

Other related activities conducted include: TWG meetings, feedback sessions with other USAID-OEE projects to solicit their inputs into the conference design and explore their possible contributions, and communications with potential speakers, resource persons and co-funders.

### *Partnership and Outreach*

- On 05 May 2009, the EcoGov senior technical team and COP visited the offices of the GEF-funded “Partnerships in Environmental Management for the Seas of East Asia” (PEMSEA). The meeting provided an exchange of ideas on approaches to integrated coastal management and financing of environmental infrastructure, and identified areas for continued discussions with a view to cooperation. As the PEMSEA-supported East Asian Seas (EAS) Congress will be hosted by DENR Philippines in November 2009, there was discussion on potential contributions by EcoGov in various thematic streams of the conference.
- On 19 May 2009, the EcoGov senior technical team and COP visited Mr. Paul Reddel, Regional Program Leader, and associate Ms. Hope Gerochi, of the World Bank-supported Public-Private Infrastructure Advisory Facility (PPIAF). The meeting helped EcoGov understand the rationale, approach and conditions under which LGUs would qualify under the Subnational Technical Assistance Program. The PPIAF was also apprised of the National Conference on ENR Financing, and expressed interest in participating.
- On 15 and 23 June 2009, the COP met with Mr. Ed Isidro, of the Philippine Venture Capital Group, Inc. The purpose of the meetings was to brief Mr. Isidro on EcoGov in general, discuss private sector sources of ENR finance and enlist participation in the National Conference on ENR Financing. Several case study ideas with respect to private equity, venture capital and angel investment were broached.
- On 22 June 2009, the COP met with Mr. Joseph Lufkin, of the London-based Infrastructure Finance Corporation and Asian Water Development Company based in Manila. The purpose of the meeting was to get feedback on the design of the National Conference on ENR Financing and ideas on potential resource persons, and sources of finance.

### *Thematic Forum on SWM Best Practices*

- The UEM Team continued to work with FASPO, and the GTZ and JICA SWM technical assistance teams in developing the design of the national forum and in finalizing the best practices criteria to be used in selecting the LGUs that will be featured in the event which is scheduled for September. The EcoGov team will prepare case studies on three of its SWM assisted LGUs and will provide group discussion facilitators during the forum.

## *Integrating Environmental Governance in Masters Level Degree Programs*

### Silliman University - Capacity Building for Environment and Natural Resource Officers of LGUs

- Silliman University Salonga Centre for Law and Development (SCLD) completed its Task Order under an IQS which aimed to establish a training program that targeted ENRO Officers within LGUs. The work consisted of a training needs assessment, an analysis on the structure and operations of ENROs and recommendations on how to be responsive, actual training modules (following a pre-testing) and a provincial action plan with budget for implementation of the training. ENRO Officers completing the Certificate Course would earn credits towards a Master's level degree. The order was closed on 11 June 2009.
- The actual training modules are follows:
  - Ecosystem Theory
  - Environmental Law and Policies
  - Policy Planning for Sustainable Development
  - Environmental Impact and Resource Assessment
  - Multi-stakeholder Approach to Governance

### Ateneo de Manila University (ADMU)– Masters in Public Management

- It became necessary to clear up misunderstandings and associated administration with respect to an ongoing initiative with the Ateneo de Manila University School of Government (ASoG). The initiative seeks to integrate environmental governance case materials/modules with an existing Master of Public Management (MPM) Program. On 22 April, EcoGov met with the Dean of the Ateneo School of Government and other concerned faculty and staff to develop a going forward plan. Among other things, there was agreement to shift from a MoA between ADMU, the Provincial Government of Lanao del Sur, and EcoGov, to a Fixed Price Purchase Order (FPPO) exclusively between ADMU-ASOG and EcoGov.
- As of June 30, 2009, Ateneo School of Government has delivered four modules to a group of 22 students in Lanao del Sur (Marawi City). These modules include:
  - Power, Ethics, Accountability, and Environmental Right
  - Introduction to Environmental Governance
  - Integrated Environment Planning
  - Seminar on Governance Innovation Report
- The delivery of the module titled “*Framework for Local Environmental Legislation and Law Enforcement*” is on-going. The module titled “*Applied Economic II: Environmental Governance Economics*” is scheduled for delivery within August 2009. The FPPO is under development and expected to be signed in early to mid July.

### *GIS and Spatial Data Management for DENR-FASPO*

- EcoGov continued to support the development of knowledge management expertise within the MIS facility at FASPO. On April 22, 2009 the EcoGov GIS Specialist conducted training for the MIS team and project managers at FASPO on plotting of the reforestation areas of DENR based on Technical Description.
- EcoGov finalized the Scope of Work for Ms. Ioana Bouvier, DAI Senior Spatial Planning Specialist to provide STTA for FASPO in August 2009. The training will focus on use of current FASPO applications and the geospatial visualization and analysis using interactive tools (such as, Google Earth TM) in translating data sets and existing spatial information, and developing a prototype spatial data model for one selected sector (e.g., forest sector) and/or a geographic area (e.g., an administrative region). She will review improvements to the spatial data used in EcoGov's integrated ecosystem management or 'ridge-to-reef' (R2R) planning framework, and in the assessment of threats in selected key biodiversity areas such as habitat/forest cover change, land use changes and settlement growth, location of waste generators.
- The Ecogov GIS Specialist is currently working with the FASPO MIS staff to build the sample spatial data that will be used in this August training. The spatial datasets include FASPO's current and past project data locations, reforestation and MPA areas.

### *FFM Training of CENROs and PENROs*

- The EcoGov FFM Sector Leader, upon the invitation of FASPO, delivered a lecture on "Integrated Environmental Management Planning Framework" as part of the training for Community Environment and Natural Resources Officers (CENROs) and Provincial Environment and Natural Resources Officers (PENROs) on May 11, 2009 at Caranglan, Nueva Ecija. This training provided an opportunity for EcoGov to advocate for the adoption of the ridge to reef (R2R) integrated resource management planning framework. Among other things participants learned about the importance of stakeholder consultation processes in ENR planning and management.

### *FFM Inputs into CBFM Policy Dialogue and Environmental Law Enforcement Protocols*

- On request of the DENR-FMB Director, the FFM Sector Leader attended the CBFM Policy discussion last April 29, 2009 at the DENR Manila. The meeting aimed to identify key policy recommendations that will help advance the community based forest management (CBFM) program. Representatives from JICA, USAID, GTZ, CBFM Coordinators, RTD for Forestry of Regions 3 and 6, and the FMB attended. Major issues related to the manageability of CBFM areas, selling of individual rights to lands covered by stewardship certificates, and

membership of CBFM peoples' organizations (PO) were discussed, and relevant policy recommendations advanced.

- EcoGov technical personnel attended the Environmental Law Enforcement (ELE) TWG meeting last May 6, 2009 with the rest of the TWG members from BFAR, USAID FISH Project, and DENR (FMB, Legal, EMB). The attendees provided updates on the individual assignment of each member agency and discussed the design of a proposed environmental law enforcement summit. EcoGov is expected to contribute to two outputs of the ELE TWG. The first will be the refinement of the earlier submitted Manual on Law Enforcement and Due Diligence which will form part of Book 1 on Forestry Law Enforcement Protocol. The second is identification of specific protocols covering specific situations (e.g., reported over-cutting in logging areas) in forestry law enforcement which will form part of Book 2 of this forestry protocol. The EcoGov will engage the services of its Legal Specialist to work on these outputs.

### *Gender Equality*

- EcoGov updated its Gender Action Plan (GAP) covering the period June-September 2009. The updated action plan calls for the conduct of activities that will enhance awareness and adoption by project partners of gender-sensitive assessment tools, gender planning and good practices in order to mainstream gender equality. The plan also aims to enhance gender consideration in ENR financing by improving their access to financing and their level of participation as decision makers in financing initiatives. Questions to this effect were embedded in the survey.
- The updated plan followed from the gender performance assessment workshop convened by USAID on May 11, 2009. During this workshop, USAID funded projects were asked to rate their GAD-related performance using the NEDA Harmonized Gender and Development Guidelines. From a 'gender sensitive' rating in 2004, EcoGov upgraded its performance to 'gender-responsive'— the highest performance category.
- EcoGov prepared a list of possible stories under each of the FFM, CRM and UEM sectors which would showcase EcoGov contributions to gender equality. These will be developed into a compendium. A STTA consultant is also reviewing integration of gender equality in EcoGov project training modules, advocacy materials and other knowledge products.

### *Studies for Publication*

- The study "Cost-Benefit Study of Marine Protected Areas: Implications on Financing and Institutional Needs" was published in the June 2009 issue of the Philippine Agricultural Scientist. While EcoGov provided support for the conduct of the study, the MERF assisted in funding of the publication.

- The case study “Improving Natural Resource Governance: A Key to Ensuring Peace and Stability in Mindanao, Philippines” was finalized. It highlights the use of environmental governance as a critical post-conflict stabilization, peace-building and development tool. The study will be published in a book Strengthening Post-Conflict Peacebuilding Through Natural Resource Management of the Environmental Law Institute, University of Tokyo, UNEP, Specialist Group on Armed Conflict and the Environment of the IUCN’s Commission on Environmental Law.

*Various Stories and “Bullets”*



*Towards responsible management of the forests of Upi Municipality in Maguindanao province, Mindanao, DENR-ARMM Secretary Kabuntalan P. Emblawa, Al-Haj and Upi Municipal Mayor Ramon A. Piang, Sr. formalize the implementation of the Forest Land Use Plan last May 18, 2009 in Cotabato City. Photo by Edwin Camacho/USAID/EcoGov*

- The EcoGov team prepared the following one page “bullet” stories for various partners.
  - Upi Municipality and DENR-ARMM seal agreements to manage forests and forestlands
  - BATMan (MPA network) watches over key biodiversity area
  - EcoGov works with EMB, Pollution Control Association of the Philippines (PCAPI) to promote environmental protection among private companies
- Muslim religious leaders tapped to strengthen Marawi City waste management program
- LGU-private sector partnership for forest biodiversity in Alcoy, Cebu
- EcoGov assisted municipalities win top awards at national MPA recognition event.
- Four success stories on FFM were produced:
  - Healing Nature, Sustaining Life: Batawan’s Experience in Restoring its Denuded Watersheds
  - Triggering Public-Private Sector Partnership for Eco-Friendly Investments in Kiamba Forestlands

- Talibon Mangrove Co-Management: Working Together for a Sustainable Future
- Upland Farmers in Agroforestry Plantations Help Restore Cagayan Valley's Important Watershed.

### **Mindanao – Support for GoAd Sector Activities**

#### *Guided Self Assessments*

- The SC Team accomplished the following activities to support the target on improved environmental governance:
  - The SC team completed the Guided-Self Assessment (GSA) for all 21 assisted LGUs in South-Central Mindanao.
  - All 21 LGUs surveyed registered very high indices ranging from 0.80-1.00, which qualified them to achieve Category 1 or consistently well-performing category. Five LGUs (General Santos City, Davao City, Tampakan, Kalamansig, Tacurong City, and Tboli) registered the highest possible over-all index of 1.00.
  - The Western Mindanao team conducted the final GSA for eight LGUs in April 2009, bringing to 13 the total number of LGUs surveyed.

#### *Al-Khalifa Environmental Governance and Advocacy*

- As part of EcoGov efforts to institutionalize *Al Khalifa* initiatives, the GoAd Sector activities targeted academe, the DENR partners and Muslim religious communities.
  - In early May, consultations were held with Mindanao State University System (MSUS) on the approaches to implement the MOA between EcoGov and MSUS. This resulted in the June 23-24, 2009 planning workshop in Pagadian City, which addressed the issue of integrating the *Al Khalifa* principles into the university's system-wide curriculum through syllabi enhancement using cross-cutting themes on environmental governance and management. The workshop advanced design of seven modules to be introduced to the university's academic and outreach programs. The modules are now being developed by the MSUS *Al Khalifa* core team and will be pretested in late July-early August. Final drafts of the modules are expected to be completed in mid- to late-August and will be submitted with recommendations for adoption to the MSUS president by September 2009. The King Faisal Center for Islamic and Arabic Studies (KCFIAAS), also a member of the core team, has been tasked to develop Islamic studies curriculum for *khutba* incorporating *Al Khalifa* principles. The *khutba* topics and content will be

compiled for ready use by partner religious groups during Friday congregational prayers. Box 1 below elaborates on the emerging curriculum.

**Box 1: Elements of an EcoGov-MSUS Al Khalifa Advocacy Program**

**Module I - Al Khalifa Framework (Moral and Ethical)**

*Objectives:* to understand 1) ideological basis of Khalifa, 2) role and nature of mankind in relation to his physical environment, 3) concept and responsibility of Khilafa, 4) Khilafa and environmental preservation

**Module II - Core Messages in Environmental Awareness/ Education**

*Objectives:* To appreciate & internalize the core messages

**Module III - Concepts on Watershed**

(to be completed in 2 weeks)

*Objectives:* To foster a sound and common understanding of what watershed management is all about.

**Module IV - Legal Framework**

(ref: provisions of RA 9512, MMAA 161, MMA 86)

*Objectives:* Info dissemination/understanding of existing laws, policies on environmental awareness

**Module V - Institutional Framework**

*Objectives:* To make MSUS as prime mover on Khalifa advocacy, and to adopt the program on Khilafa advocacy as a continuing concern of MSUS in instruction, research and extension

**Module VI - Current State**

*Objectives:* to impart to the participants the extent of environmental problems; to have a better assessment and appreciation of the state of our environment in the region

**Module VII - Desired State**

*Objectives:* to impart to the participants what an ideal environment is; and to draw individual/sector/group vision of a desired state of an environment

- On June 9, 2009, EcoGov briefed the Fisheries Law Enforcement Team (FLET) of Illana Bay Regional Alliance in Region 9 on the need for cultural sensitivities when conducting law enforcement activities. The *Al Khalifa* principles were presented to the FLET members during its June meeting at the Zamboanga del Sur Provincial Capitol. Some naval officers in the IBRA 9 FLET had proposed to repeat the orientation of *Al Khalifa* principles among naval personnel assigned as enforcers, especially those in the Zamboanga Peninsula coasts. DA/BFAR members of the FLET viewed the briefing as part of their new strategies in market denial by citing the *Halal/Haram* (what is allowed/disallowed) to Muslim violators.

- On June 11, 2009, EcoGov specialists discussed with Muslim Religious Leaders (MRL) the use of *Al Khalifa* principles in solid waste management (SWM) program of the Islamic City of Marawi. Using Islam as a departure point of discussion during the orientation/ workshop conducted by the EcoGov UEM sector, the city council members and religious leaders proposed to integrate applicable *Al Khalifa* principles in the promulgation of a city ordinance on solid wastes and in the regular Friday *Khutba* (equivalent to the Christian sermon) in selected mosques.
- On June 18, 2009 EcoGov GoAd specialists presented to Grand Mufti Ustadz Abdulwahid Inju, 20 copies of the *Al Khalifa* sourcebook for the use of the Assembly of the Darul Ifta of the Philippines under his leadership. At the same time, GoAd discussed with the grand mufti a one-day activity in July to (a) review environment topics for integration in regular *khutba* and issuance of a Fatwa, (b) identify a Fatwa that can be adopted by a provincial/city/ municipal ordinance, and (c) strengthen advocacy through provincial media/ IEC efforts.
- On June 25-26, 2009 EcoGov conducted an orientation/workshop with the DENR9 *Al Khalifa* Advocacy Team in Zamboanga City, to integrate *Al Khalifa* principles into forest and mangrove co-management process, and develop culturally oriented IEC materials on SWM, FFM, and CRM for PENRO and CENRO use in dealing with LGUs with Muslim communities. A work plan developed during the session included a “mentoring” mechanism among team members. The team members will be guided by the plan in introducing *Al Khalifa* principles in their respective assignments, which cover the entire Zamboanga Peninsula of Zamboanga del Norte, Zamboanga del Sur, Zamboanga Sibugay, Zamboanga City and Isabela City in Basilan. A six-month timeline for this purpose has been marked, ending in December 2009.
- On June 26, 2009 EcoGov presented copies of *Al Khalifa* sourcebook to the Aleem Saber Omar, regional coordinator of the Imam Council of the Philippines, and Grand Imam of Masjid Ja'mee Salahuddin in Zamboanga City. On June 27, 2009 copies of the sourcebook were presented to Deputy Grand Mufti of Western Mindanao and Palawan, Ustadz Abdulwakil Tanjilil, to be used by religious teachers in the eight regional campuses of Salamat Islamic Institute, which Ustaz Tajilil supervises.
- In June 2009, the Municipality of Dinas, Zamboanga del Sur, approved its municipal ordinance seeking co-management with the DENR, infusing *Al Khalifa* principles to address the coastal barangays' needs and displaying cultural sensitivities. This event capped several months of coordination among the LGU of Dinas, DENR 9 *Al Khalifa* Advocacy team, and EcoGov. This also highlighted a good process of consultation leading to co-management of the municipal mangrove area, estimated to be around 3,000 hectares, among the biggest areas in Western Mindanao. The Dinas *Al Khalifa* Task Force,

(Dinas AKTF) essentially contributed to the success of the undertaking, with the municipal Mayor Wilfredo Asoy, steering the culture issues from his first exposure in the making of the sourcebook to his resolve to put the principles of good governance in environment in the municipality's Muslim communities.

- In collaboration with DENR and LGU partners, EcoGov drafted material on waste segregation that integrates *Al Khalifa* principles for use in Muslim communities. Also finalized, were production prototypes of materials to be used in promotion of septage treatment facilities.

#### *Other Initiatives*

- EcoGov collaborated with General Santos City Government in the holding of its annual Recyclable Waste Fair held at Gaisano Mall as part of the 2009 Earth Day celebration last April. The event was held in partnership with the business sector (led by the General Santos Chamber of Commerce). In addition, the Project also collaborated with the Department of Tourism (DOT) in Region 11 for the holding of “scubasurero” held in observance of Earth Day. The Project also partnered with DOT-11 in hosting a photo exhibit (showcasing the various marine life in Davao Gulf) held at SM Davao during the Month of the Ocean.
- EcoGov completed the initial draft of the MOA between Alabel and General Santos City for the shared use of the Alabel septage treatment facility. The final draft is expected to be completed end of July 2009.
- Meetings were conducted by EcoGov with various LGUs (Maasim, Kiamba, Maitum and Malalag) to discuss promotion of their septage treatment facilities. Social marketing action plans will be developed with these LGUs in July-August 2009.
- On 28 May 2009, the EcoGov South Central Mindanao Regional Coordinator and COP met with Ms Marian Villanueva the new Project Director for the CIDA-funded Local Government Support Project-Local Economic Development (LGSP-LED) project. This project is newly funded, however is linked to the former LGSP-ARMM project. EcoGov was provided access to all project reports and materials generated by LGSP-ARMM, with a view to exploring continued collaboration with LGSP-LED.
- EcoGov assisted the incoming Rotary District Governor (who is based in General Santos City) in the preparation of a proposal on wastewater facilities for submission to the Rotary International Foundation.

## Central Visayas Support for GoAd Sector Activities

### *Guided Self Assessments (GSA)*

- The Central Visayas TA Team completed the 2009 GSA survey for all 33 target LGUs in Cebu, Bohol, Negros Oriental, and Siquijor Provinces. With all 33 surveyed LGUs achieving the benchmark Category 1 status, a high regional average index of 0.92 for all LGUs was achieved.

### *Partnerships, Alliances and Advocacy Initiatives*

- The Bayawan Government's forum with large plantation owners was featured in the "DAI Green" May issue. Documented was agreement of over 100 sugarcane planters and land-owners of 10,351 hectares to eliminate the practice of trash burning in the sugarcane fields in response to the City LGU's "no open burning" campaign. EcoGov earlier provided the city with the analysis of carbon emissions and capture resulting from their various environmental management practices under FFM, CRM, and ISWM programs. EcoGov, DENR and the provincial government of Negros Oriental supported the LGU in the implementation of these programs.



*A trash farming demo site. Trash farming is being considered as alternative to open burning.*

- EcoGov assisted the Provincial Government of Cebu in the ongoing assessment of LGU performance as part of the final round of evaluation of all component cities and municipalities. This is in line with the Provincial Government's enhanced "Green and Wholesome Environment that Nurtures Program" (EGWEN) in collaboration with the Ramon Aboitiz Foundation (RAFI) to prepare for the awarding ceremonies during the 440<sup>th</sup> founding anniversary celebration of the Province in August 2009.
- EcoGov assisted selected LGUs in the development and implementation of their environmental programs and capacity building activities with a view to establishing learning centers. The "Tell-Show-Share" assistance provided to these LGUs enhanced their ability to TELL the story in an organized manner and with clear messages; to SHOW real accomplishments on the ground and; to SHARE materials willingly. Among the organized sharing during the quarter were with 18 LGUs from Negros Occidental and Southern Leyte who are now in the process of establishing 3 inter-LGU alliances for coastal fisheries resource management

orientation; field interactions with Camotes CRM Council on the Camotes Islands; and a sharing session organized with the GTZ Environment and Rural Development Programme (Coastal Fisheries Resources Management Component and Decentralization Programme) from May 26-30, 2009, with participants coming from Sangguniang Bayan (SB)/Sangguniang Panlalawigan (SP), FARMC and TWGs.

- On June 8, 2009 the Municipality of Alcoy in Cebu signed a partnership agreement with the Philippine Mining Service Corporation (PMSC), a private foreign mining company, and its local quarry operator, the Dolomite Mining



*Claimants and members of the Barangay Forest Management Team of Nug-as, Alcoy, complete their claims map covering the buffer zones of the 65-hectare area that will be reforested with support from the Philippine Mining Service Corporation and the Dolomite Mining Corporation. The reforestation activity will help conserve biodiversity in Alcoy's forestlands, which is the habitat of the endangered Black Shama, locally called Siloy.*

Corporation (DMC). This agreement was for the protection and conservation of the biological biodiversity in its forestlands which is the habitat to endangered wildlife. The partnership was cast within the enabling framework provided by Alcoy's Forest Land Use Plan (FLUP).

- The EcoGov team conducted coaching sessions and quality check of the documents for Sibulan LGU and Philippine National Oil Corporation (PNOC) EDC for the co-management agreement of the forestlands surrounding the Twin Lakes Balinsasayaw which drains into the Tañon Strait.
- EcoGov facilitated content flow, partnership and co-financing opportunities for the Camotes Sea CRM Council with the following: (1) Ramon Aboitiz Foundation Inc. with the Social Weather Station for EU, (2) Coastal Conservation Education Foundation (CCEF) for EU and (3) PHILDRRA – Integrated Eco-Tourism and Waste Management and Development Plans for UNDP-SGP.
- The EcoGov team provided an orientation to the Rotary Club for Cebu Fuente (May 25, 2009) and several clubs in the District, to facilitate project development for submission to Rotary International under the USAID Global Development Alliance (GDA) partnership.
- The COP conducted outreach meetings with the Cebu Chamber of Commerce and Industry, the Cebu Investment Promotions Centre and the Council for Visayas

Chambers of Commerce and Industry which includes 16 business chambers in Visayas on 30 April and 01 May 2009. The objective was to help the business community understand environmental governance, and to explore ways in which the business community can participate in an integrated resource management framework, for example, through public-private partnerships, corporate social responsibility etc. Customized follow up presentations will be developed by EcoGov based on the mandate and interests of each organization.

- EcoGov joined the Camotes Sea CRM Council (CSCRMC) LCEs during their meeting with the Provincial Governor Garcia and DENR RED Sibbaluca, RTD for Research, Dick Melana on May 7, 2009. The meeting addressed jurisdictional issues over the islands with respect to the NIPAS versus municipal waters.
- The move for the establishment of a common waste management facility by the Metro Bohol Cluster has been stalled. Albuquerque successfully moved for the suspension of the implementation of Phase 2 of the SLF establishment. The Provincial Government has hired a Facilitator to continue barangay-level consultations on the acceptability of the SLF. Other LGUs in the cluster continued with the implementation of their waste diversion strategies and legitimization of their plans but increasingly feel the pressure to provide proper waste disposal management.(Refer to Section 2.4)
- The development of a common waste management facility for the north metro Cebu cluster with 5 LGUs in the Province of Cebu has been forestalled by introduction of proposals from private entities. The proposals include the installation of a catalytic pressureless depolymerisation of solid mass to fuel oil – technologies which are unfamiliar to local LGUs. A social marketing plan developed through EcoGov, with the PENRO and the Cebu Uniting for Sustainable Water (CUSW), has helped increase the level of awareness of the community as they assess various options.
- The EcoGov team has provided ongoing advice to the Provincial Governments of Cebu and Bohol with respect to their waste management policy and practice. In Cebu the interaction with the PENRO was specific to the Disposal of Garbage and Waste Enforcement for Nature (DGWEN) program, which provides financial hiassistance for waste management initiatives.

### *c. Implementation problems and proposed resolution*

#### **National**

- With respect to support for institutions of higher education (polytechnic, research and academic) EcoGov should focus its interest on curriculum development, content and delivery, rather than providing scholarships to students and being involved in related student selection processes.

- Memoranda of Agreement and Understanding should be carefully drafted to avoid misunderstandings, and committing EcoGov and other signatory parties to courses of action that were unintended. If payments for services are involved, then the logical instrument would be a contract or purchase order. The obligations and commitments of all parties should be articulated and agreed to in writing.

### **Mindanao**

- More systematic efforts are required to meet a growing demand from new partners with respect to *Al Khalifa* advocacy, as they now begin to understand the importance of promoting environmental governance in Muslim communities in Mindanao. Through *Al Khalifa*, there is now an opportunity for EcoGov and its partners to emphasize the significance of environmental governance at the level of civil society (the individual and the community). EcoGov may consider working with the Regional Legislative Assembly to take advantage of the interest and openness of some local leaders (provinces, municipalities) to embrace *Al Khalifa* principles as part of their governance strategies. There is also a good chance of identifying active ARMM provinces that can immediately participate in the *Al Khalifa* advocacies. In this connection, there will be a need for EcoGov to find ways to support the *Al Khalifa* advocacy in view of the proposed phasing out of the Western Mindanao office.
- The incidents of bombing in EcoGov project sites/areas (Maasim, Tacurong, Cotabato) have heightened security concerns in Mindanao. Aside from curtailing the movements of Project staff, especially in areas of partner LGUs that are frequent targets (Sarangani, Sultan Kudarat, North Cotabato and Maguindanao in South-Central Mindanao, and some parts of Western Mindanao), such incidents may cause LGU leaders to totally shift attention to addressing the threats (such as budget reallocation to security, versus funding for activities that will improve environmental governance). This, however, presents an opportunity to re-emphasize to our partners that environmental governance which promotes equal access to the use of resources could actually be used as a tool for peace and development.
- There is a need to re-think the approach related to Davao Gulf advocacy efforts. There have been small (but numerous) attempts to promote protection of the Gulf's biodiversity — series of newspaper stories, collaboration with tourism industry. There were a few takers (DOT-11, some members of the tourism industry, members of the academe, a few LGU officials) but the most important sectors — the LGU leaders, such as mayors — appear to be indifferent to the issue. A review of the strategy is in order, and could perhaps benefit from a shift in focus to global climate change.

## **Central Visayas**

- Brokering for the involvement of the regional EMB in the programs and projects of the provincial LGUs has been partially achieved. There is a need to expand EMB functional relations in the forthcoming events so that a productive partnership can be realized. This is particularly true for wastewater appraisal and design, and SLF site appraisal and design, where there is a need to bring in the EMB into the process at early stages to optimize the opportunities. The last quarter of Year 5 will address this situation by encouraging EMB staff to participate in LGU-specific assessments, planning design options and action planning.
- The position of the regional DENR- PAWZDS and Research over the coastal areas covered by NIPAS in the region, particularly Camotes Sea and Tañon Strait have undermined the role of local governments in the management over their natural resources. EcoGov has participated in sessions between the Provincial Governor, LCEs of Camotes Sea and DENR where issues were clarified, solutions determined and next steps agreed upon. However implementation has not taken place. A similar, constraining situation is evident in the Tañon Strait (Cebu and Negros Oriental side). The PAWZD is key to fostering a spirit of cooperation in this regard.
- There are some gaps in both absorptive capacity and skills capability within provincial government institutions (e.g., BEMO) which need to be addressed in order to foster even development in all sectors and create conditions for scaling up of best practices.

### *d. Objectives for the Next Quarter*

## **National**

- Complete the over-all GSA report for all 86 LGUs covered by the 2009 GSA.
- Identify the additional LGUs (20-25) that will be included in the final GSA survey in 2011.
- Complete the threat analysis of Davao Gulf and develop a communication and advocacy material.
- Conduct the National Conference on Environment and Natural Resources Financing; sponsor the participation of at least 30 EcoGov-assisted LGUs and selected DENR personnel to this conference; and support the development of ENR financing cases from assisted sites for presentation/distribution during the conference.
- Conduct GIS training for DENR-FASPO staff, as part of EcoGov TA in setting up its knowledge management system.

- Complete the module on Applied Economics and implement the module on governance innovations of the MPM Program of Ateneo.
- Support the inclusion of selected CV and Mindanao LGUs in the forthcoming FISH-LMP publication on CRM Learning Destinations.
- Consolidate a Communications/Knowledge Management Strategy for EcoGov that will focus on knowledge product development and dissemination, raise the profile of USAID and EcoGov in view of contributions to reducing threats to biodiversity conservation, foster new strategic alliances (e.g., with PPIAF, PEMSEA, business councils etc), and re-energize existing partnerships (e.g., with LMP).
- Complete and disseminate at least five knowledge products related to:
  - Forest Land Use Plan (FLUP) training
  - Forest and Forest Land Management (FFM) success stories
  - Solid Waste Management (SWM) training
  - SWM success stories
  - SWM ABC manual
  - Sanitary Land Fill (SLF) compendium
  - Marine Protected Area (MPAs) learning networks and good practices
  - Gender equality collection of case studies.
- Conceptualization and design of the following multimedia advocacies:
  - Working models of the EcoGov2 integrated ecosystem management approach or “Ridge to Reef”
  - Combining science with community-based social and political decision-making processes to establish networks of marine protected areas (MPAs)
  - Environmental governance applications of the Al-Khalifa guidebook in Muslim-based communities.
- Continue preparation and sharing/exchange of information, bullets, stories and knowledge products with DENR, other FASPO projects, and with other USAID Projects, national media and other outlets, stakeholders and partners.
- Contribute to the design of conferences/policy fora/activities of USAID and other DENR-FASPO Projects (e.g., ICRMP, ENRMP) and use these events to promote diffusion of EcoGov knowledge products.

## **Mindanao**

- Prepare individual summary report, containing analysis and recommendations for all 13 LGUs covered by the survey in Western Mindanao and submit these to the LGUs concerned during the closing down ceremony for this region.
- Discuss the possible adoption of the GSA by provincial governments in Region 12. For Western Mindanao LGUs covered by the GSA, summary reports will be prepared for distribution in time for the closing down ceremony for the region in August.
- Social marketing action planning with LGUs in Region 12 that have septage treatment facilities will be conducted. Based on this experience, a social marketing module for the promotion of septage treatment facilities will be developed.
- Assist various sectors in the review of their Knowledge Products as well as in developing stories that documents Project efforts in promoting women's role in environmental governance and public-private partnership in waste management.
- Develop an advocacy campaign for Davao Gulf that may include working with key stakeholders and partners.
- Facilitate the development of a final draft of a MOA between Alabel and General Santos that will lead to the common use of the Alabel STF.
- Continue work for integration of *Al Khalifa* in the MSUS academic and outreach program, ARMM programs and Muslim religious activities (such as Friday *khutbas* and *fatwa* development). Document all these experiences and develop some success stories.

## **Central Visayas**

- Assist LGUs in formulation of strategic and relevant executive and legislative decisions and actions. Define verifiable performance indicators and document experience.
- Provide assistance to provincial LGU Environment and Natural Resources Offices (e.g., Negros ENRD, Bohol BEMO and Cebu PENRO) in mainstreaming environmental governance principles, processes and systems.
- Facilitate activities for the DENR VII to assess their strengths and gaps in providing assistance to LGUs through inter-provincial sharing sessions of the FLUP Teams with a view to support scaling up.
- Continue technical assistance for the DENR-EMB VII Waste Management Team of the LGUs' SWM programs of waste diversion.

- Assist various sectors in packaging their knowledge products to ensure inclusion of governance, gender and biodiversity.
- Continue to link with the private sector to advocate partnerships and potential investments to support scaling up efforts.
- Continue to coordinate with USAID, DENR and other institutions including the RDC for specific events, information needs as well as linkage support within the region. Those in the pipeline include activities related to USAID-CTI, USAID-CK2C, DENR-FMS Forestry Investment Forum, National Conference on ENR Financing.

## 2.2 Improved Forest Management

### a. Expected Outputs for the Period

The Expected outputs of FFM sector for this period were as follows:

**Table 3. FFM Expected Outputs for the Quarter**

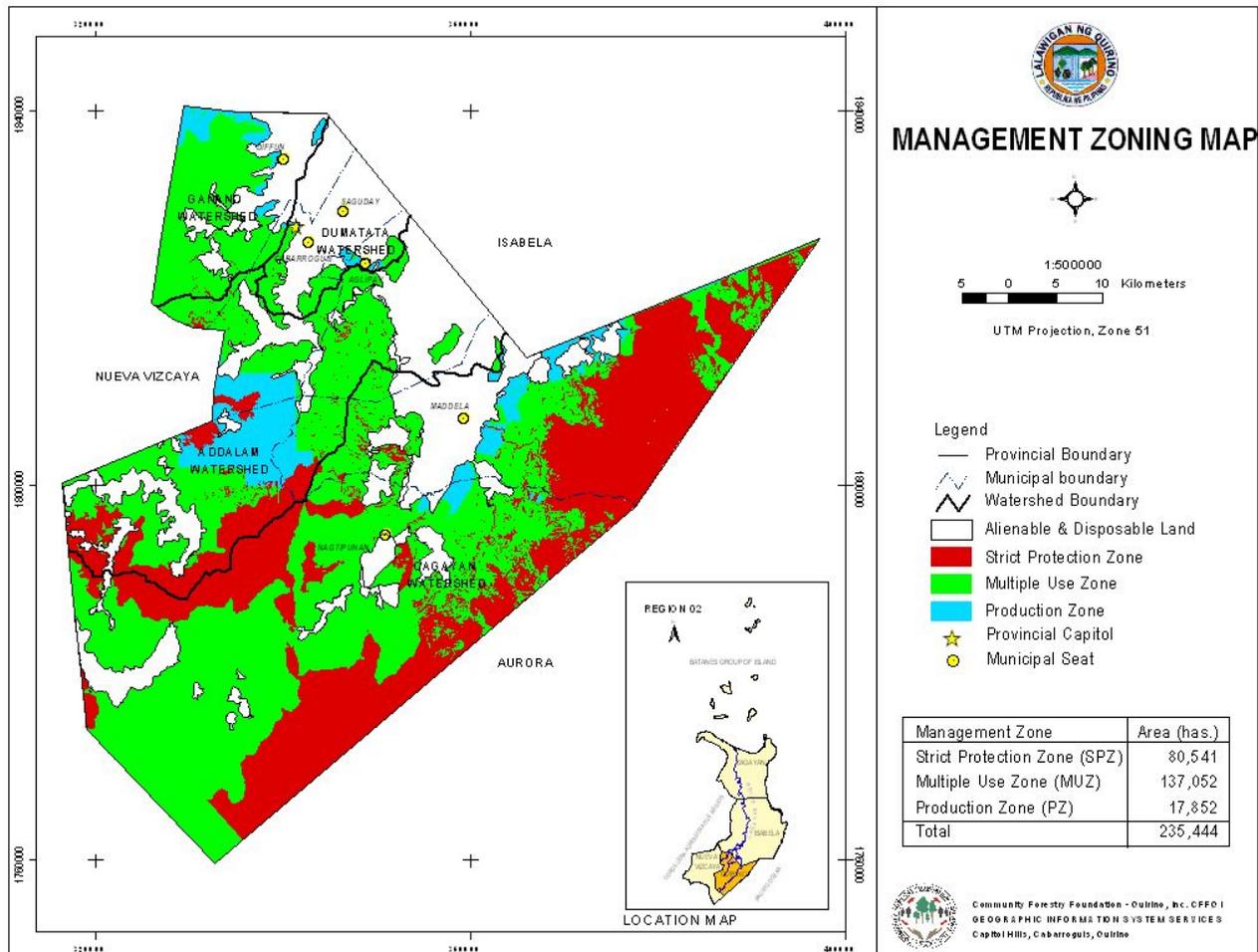
<i>Expected Outputs</i>	<i>Status</i>
▪ Facilitate signing of co-management agreement of Bagumbayan and create steering committee	<i>Completed (May 18, 2009)</i>
▪ Facilitate signing of joint FLUP implementation MOA between LGU Upi and DENR-ARMM	<i>Completed (May 18, 2009)</i>
▪ Finalize the draft Protected Area Management Plan for Mt. Apo Natural Park and obtain endorsement from the Natural Resources committee of the PAMB.	<i>On going</i>
▪ Advocate for inclusion of ADSDPP support in the draft provincial investment plan	<i>Completed</i>
▪ Facilitate legitimization of FLUPs of Tungawan & R.T. Lim, Zamboanga Sibugay	<i>Completed</i>
▪ Finalize the Quirino Provincial Forestry Master Plan (QPFMP) and present it to the Sangguniang Panglungsod.(SP)	<i>QPFMP completed, SP to schedule review</i>
▪ Facilitate enactment into ordinance the establishment of co-management special account in Bayawan and Sta. Catalina, Negros Oriental	<i>Completed in Sta. Catalina and La Libertad. On going in Bayawan</i>
▪ Complete ground validation and finalize proposed land use of Dimapatoy watershed.	<i>Completed</i>
▪ Complete the draft environment code of Sarangani Province.	<i>On going</i>
▪ Document FFM practices in Talibon, Bayawan, Kiamba and Diffun.	<i>Completed</i>
▪ Continue providing assistance in formulating the FLUP of Bubong, Lanao del Sur; Salug valley LGUs in Zamboanga del Sur; Davao del Sur; Datu Odin Sinsuat, Datu Aguak and Datu Unsay in Maguindanao	<i>On going</i>
▪ Facilitate claims mapping, farm planning and IPR issuance in Maasim and Kiamba, Sarangani; Alcoy, Cebu; and Bayawan, Bais city and La Libertad in Negros Oriental.	<i>On going</i>
▪ As requested, continue to assist the Forest Management Bureau (FMB) in crafting policies to strengthen implementation of the CBFM program and its Upland Development Program	<i>On going</i>

### *b. Summary of Accomplishments and Activities*

The FFM accomplishments for the quarter are presented in the following sections with details for each of the EcoGov geographic regions.

#### **FFM Sector-Wide Accomplishments**

- Continuing assistance was provided to target tenure holders for them to meet key performance indicators for improved natural forest management. For this quarter 20,356 hectares of natural forests were placed under improved management in Dupax del Sur, Nueva Vizcaya and Bagumbayan, Sultan Kudarat. This brings the cumulative accomplishments of the FFM sector in terms of improved natural forest management to 99% of its LOP target. The FFM team facilitated the signing of Bagumbayan's co-management agreement, creation of its Steering Committee and formulation and approval of the co-management plan. The team's advocacy with the provincial LGU of Nueva Vizcaya also resulted in the inclusion of budget support to ADSDPP implementation in the provincial investment plan for 2010 to 2015.
- The FFM team is also testing alternative financing mechanisms to sustain FLUP implementation. Activities leading to implementation of payment for ecosystem services (PES) in Dimapatoy watershed is in progress. The TWG validated and finalized the proposed land uses for Dimapatoy which will be the basis for calculating PES rates to actual occupants of the watershed. Nestle Philippines' assistance to EcoGov partner LGUs has also expanded to include Malungon, Alabel, Malapatan, and Glan in addition to Wao, Upi, Bagumbayan, Magpet, Senator Ninoy Aquino, Lebak, Kalamansig, Kiamba, Maasim and Kidapawan City. Nestle personnel continue to conduct free training and on-site coaching to coffee technicians in EcoGov-assisted LGUs.
- Documentation of FFM practices in Talibon, Bayawan, Kiamba and Diffun was also completed. The Forestry Governance Specialist finished writing success stories highlighting FFM practices in forest land use planning, co-management, recognition of individual property rights and private sector investment in forest lands. These stories will be used as resource materials during FLUP training.
- FLUP scaling up continue to progress in different EcoGov regions. Memoranda of Agreement for FLUP assistance were signed between DENR and the LGUs of Moalboal, Cebu and San Isidro, Davao del Sur. FLUP orientation was also undertaken by DENR region 7 staff for Danao, Clarin and Pilar, Bohol while community profiling and mapping is on going in Oslob, Cebu and Bindoy and Ayungon, Negros Oriental.



**Figure 1: Agreed Management Zones for the Forestlands of Quirino Province**

Source: Draft Quirino Forestry Master Plan, 2009

- The watershed-based, and asset-focused Provincial Forestry Master Plan of Quirino was finalized incorporating comments of the members of the provincial development council. The provincial TWG is scheduling a presentation of the plan with the Sangguniang Panlalawigan (SP) for its adoption and legitimization. The forestry master plan identifies the different management zones in forest lands which will provide the framework for managing forest resources of the province. It is expected to guide LGUs in locating infrastructures to production and multiple use areas to encourage private sector investments.
- The FFM team participated in various CBFM policy forum/ consultation meetings conducted by FMB. In these meetings the team provided significant inputs to proposed CBFM policies, such as rejecting a proposal to set limits (in terms of area) to CBFM sites and limiting PO membership in CBFM to those actually residing inside the CBFM areas. These proposed measures are contrary to basic CBFM concepts that the nature of community use of forest resources is an important parameter in defining the extent of CBFM sites and beneficiaries. The FFM team is also assisting FMB in developing the forestry enforcement protocol.

- Mainstreaming of FLUP within DENR and LGUs continues to progress. On various occasions, the FFM team was invited to share its experiences in forest land use planning following the “ridge to reef” or the integrated ecosystems management framework. During the FMB ExeCom meeting last June 19, 2009, where the FFM Sector Leader was invited as a resource person, the FMB Director expressed appreciation on the value of FLUP as a mechanism to encourage LGU and private sector investment in forest lands management and development. He instructed the forestry divisions concerned to study how private sector investment in forestry can be encouraged through FLUP in combination with other policy measures.
- The “ridge to reef” framework in planning (FLUP included) is also being mainstreamed into the DENR and other foreign assisted projects such as the ENRMP project funded by the World Bank and the GTZ funded Panay and Negros CBFMP. For instance, Integrated Ecosystem Management (IEM) planning is now included in the training curriculum of DENR-CENRO Managers while GTZ has included in its policy, FLUP or a commitment to prepare FLUP, as one of the requirements before an LGU can avail assistance from GTZ.

#### **FFM Accomplishments – Central Visayas**

- LGUs were assisted in enacting ordinances creating co-management special accounts and the corresponding co-management financial guidelines. Sta. Catalina and La Libertad in Negros Oriental were able to pass the ordinance creating the special accounts while the Sangguniang Panglungsod of Bayawan is now reviewing its proposed ordinance. Meanwhile, Talibon and San Miguel of the province of Bohol enacted the co-management financial guidelines for the co-management special account and had incorporated the financial system in its local treasury and accounting operations.
- As part of FLUP implementation, LGUs in Central Visayas continue to process individual property rights (IPR) agreements of actual claimants within their co-management sites. Assistance was provided in formulating the IPR ordinance of Bais city including claims mapping, parcellary survey, and farm planning in Alcoy, San Miguel, Talibon, Bayawan, Sta. Catalina and La Libertad. Seedling production and distribution is also in progress in Dalaguete, Cebu and San Miguel, Bohol in preparation for agro forestry and reforestation activities. In addition, forest protection was intensified in Sta. Catalina with the hiring of 20 additional forest wardens bringing the total number of forest wardens of the municipality to 60.
- The forest land use plans of Bayawan, Sta. Catalina and La Libertad are now being used by the LGUs in preparing project proposals for funding by other donors. The FFM team assisted these LGUs in drafting proposals which were submitted to GTZ for funding agro forestry activities of IPR holders and improvement of farm to market roads.

- Scaling up of FLUP formulation and implementation continues to progress in Cebu, Bohol and Negros Oriental. With guidance from the EcoGov FFM team, FLUP orientation was conducted last June 2-4, 2009 by local DENR staff among the LGUs of Danao, Clarin and Pilar in Bohol. As a result of this activity a memorandum of agreement for FLUP formulation was drafted where the LGUs agreed to allocate funds with DENR providing technical assistance. In Cebu, a MOA was signed between the DENR and Moalboal LGU for joint FLUP formulation while community profiling and mapping is in progress in Oslob, one of the scaling up LGUs in the province as well as in Ayungon and Bindoy, Negros Oriental. Oslob also signed a co-management agreement with DENR last May 20, 2009 for the management of the 29 hectares Sumilon Island as ecotourism site.

### **FFM Accomplishments – Central and Southern Mindanao**

- The draft management plan of Mt. Apo Natural Park (MANP) was completed and deliberated on by the Natural Resource Committee of PAMB last June 26, 2009. The committee suggested some improvements to the draft plan which will have to be incorporated in its revisions. The revised draft will then be reviewed in the next committee meeting tentatively schedule on July 17, 2009 prior to endorsement to the PAMB.
- The co-management agreement of Bagumbayan, Sultan Kudarat and Upi, Maguindanao was signed last May 18, 2009. A multi-sectoral Steering Committee was created for Bagumbayan on June 4, 2009 which will provide policy direction and oversight function in the implementation of co-management activities. The resource management plan for its co-management site was also completed and approved by the Steering Committee on June 10, 2009 together with the IPR policy.
- Recognition of individual property rights in Sarangani and Lanao del Sur is on going. Twenty new IPR agreements were signed this quarter in Kiamba, Sarangani covering 100 hectares while in Wao, Lanao del Sur 32 IPR agreements were signed with an estimated area of 70 hectares. Meanwhile, IPR holders in Lebak, Sultan Kudarat continue to develop their farms with support from the LGU resulting in the development of 60 hectares of bare forest lands within the co-managed area of the municipality.
- LGU partnership with Nestlé Philippines in developing IPR areas continue to expand in the region. Nestlé's assistance to EcoGov-assisted LGU's now includes Malungon, Alabel, Malapatan, Glan in addition to Wao, Upi, Bagumbayan, Magpet Senator Ninoy Aquino, Lebak, Kalamansig, Kiamba, Maasim and Kidapawan City. Nestle personnel continue to conduct free training and on-site coaching to coffee technicians in EcoGov-assisted LGUs.

- Validation and updating of the proposed land uses of Dimapatoy watershed was completed during the quarter. Claims mapping was also initiated and the TWG is now discussing with actual claimants and settlers possible provisions of the conservation agreement which will be signed with the Steering Committee.
- TWG members of Sarangani Province are still working on the revision of the draft Provincial Environment Code. The completion of the revised draft which was agreed to be produced by the TWG within April 2009 was delayed due to the absence of PLGU/TWG coordinator who took a study leave last April 2009. This is compounded by the fact that the FFM team's efforts from May to June 2009 were devoted to the completion of GSA. In spite of the PTWG coordinator's absence and conduct of GSA related activities, the PTWG together with EcoGov FFM team managed to revise some sections of the draft code. So far, only one section remains to be revised.
- Activities leading to the completion of FLUPs in several LGUs in ARMM are being delayed due to ongoing conflict in these areas. However, in other areas such as in Magpet, North Cotabato and Sta. Cruz and Bansalan Davao del Sur community profiling and mapping are in progress.

#### **FFM Accomplishments – Western Mindanao**

- In Lanao del Sur, community profiling is on going in all barangays of Bubong. The provincial TWG with guidance from the FFM Specialist of Western Mindanao is providing technical assistance to the municipal TWG in undertaking this activity. In addition, the Al Khalifa MOA between the provincial LGU and the DENR is being reviewed by DENR ARMM.
- With facilitation by the FFM TA in Western Mindanao, the FLUP of R.T. Lim which was completed by the TOUCH Foundation was legitimized by the Sangguniang Bayan in June 2009. The joint FLUP implementation MOA of Tungawan was also signed by the Regional Executive Director of DENR in May 2009. The LGUs are now negotiating with DENR for the signing of their co-management agreement for the unallocated portions of forest lands in their municipalities. In addition, the IPR ordinance was also enacted in Tungawan for its mangrove co-management area.
- Scaling up of FLUP formulation continues to progress in Zamboanga del Sur. Community profiling and mapping are on going in Sominot, Lakewood and Tukuran while Mahayag and Dumingag have started analyzing the profiles and maps as inputs in drafting their FLUPs. DENR Region 9 conducted GIS training among these LGUs last April 13-18, 2009 to improve their skills in mapping and overlay analysis. The training was held at Alindahaw hotel, Pagadian City.

### *c. Implementation Problems and Proposed Resolution*

- The competing interests of key stakeholders in Mt. Apo Natural Park continue to delay approval of the draft management plan. NGOs, CADT holders, NCIP, LGUs and DENR are proposing revisions to the draft plan which at times are in conflict with each other. Given this situation, great challenge rests on EcoGov in terms of facilitating the process to generate consensus. The team has patiently considered the concerns of stakeholders and will continue to adhere to the principles of participation, transparency and accountability in the process of building consensus on key components of the management plan.
- Most activities of the FFM team were delayed to give way to the GSA workshops organized by the GOAD team. The team recognizes the importance of this activity and so the sector's activity schedules were adjusted accordingly.
- Mainstreaming the FLUP process into the DENR and its scaling up in other non-EcoGov regions remain a great challenge as demands for FLUP assistance from other LGUs continue to increase. DENR's ability to respond to these requests is constrained by the fact that it has very limited logistical support and staff who are adequately trained on FLUP formulation. The FFM team is working on collaborating with NGOs (such as the CFFQI) and other donor projects such as the GTZ initiative, to mainstream the process within the DENR and the LGUs. At the same time, there are on going discussions for the organization of an FLUP assistance team within FMB which will later on train FLUP assistance teams in the regions.
- The unstable peace and order condition in many parts of Mindanao such as in Basilan, Sarangani, and Lanao del Sur continue to be a problem for the FFM team. Field validation of the proposed land uses in Dimapatoy watershed, FLUP community profiling, forest protection and enforcement activities and claims mapping could hardly be implemented by the LGUs for security reasons. With this situation, FFM field staff had to frequently check intelligence information from local counterparts and carefully schedule field activities as appropriate.
- EcoGov has received oral and written requests for technical assistance with respect to a Memorandum of Agreement between the Municipality of Maasim, Sarangani, and Conal Holding Corporation, part of the Alcantara Group. The technical assistance relates to a proposed carbon offset project which is required in support of an investment in a USD 450 million, 200 megawatt coal fired power plant. The request to EcoGov was on short notice, and in the view of senior management, would place the project at risk of being drawn into a potentially controversial set of circumstances. The EcoGov official response to the Municipality of Maasim emphasized the fact that this initiative requires a thorough analysis by specialized expertise in carbon stock assessment. EcoGov will maintain a 'watching brief' on this situation. Should the Option Period be approved, it is proposed that a climate change specialist be engaged to advise municipalities and provincial governments on these concerns.

*d. Objectives for the Next Quarter*

- Facilitate ENR Committee endorsement to the PAMB of the draft MANP plan.
- Assist in negotiating with DENR for the signing of co-management agreement of R.T. Lim and Tungawan, Zamboanga Sibugay.
- Provide guidance to LGUs in claims mapping, farm planning and eventually IPR issuance in Maasim, Kiamba, Upi and La Libertad.
- Facilitate signing of conservation agreements with actual settlers of Dimapatoy watershed.
- Finalize FLUP situational analysis of Dumingag and Mahayag, Zamboanga del Sur.
- Continue providing guidance to FLUP-TWGs in completing the FLUP community profiles and maps of Bubong, Sominot, Lakewood, and Tukuran.
- Continue FLUP scaling up activities in target LGUs and conduct FLUP training for DENR-LGU FLUP assistance teams in regions 12/11 and 7.
- Conduct mangrove co-management orientation for DENR region 9.
- Facilitate approval of the proposed co-management special account financial guidelines in La Libertad and Sta. Catalina, Negros Oriental
- Guide the TWG of Bais city in conducting public hearing on the proposed IPR ordinance
- Facilitate signing of the FLUP formulation MOA between DENR and the LGUs composing the Carood watershed in Bohol.
- Assist the provincial TWG in presenting the Quirino provincial forestry master plan to the Sangguniang Panglungsod.
- Complete the draft environment code of Sarangani province.
- As may be requested, continue to assist the Forest Management Bureau in crafting forestry policies and in finalizing the forestry enforcement protocol

*e. Status toward Achieving Sustainability of Efforts*

- All aspects of the FFM team's approach are designed to be mainstreamed into the operations of counterpart agencies. We involve municipal and provincial LGUs, DENR staff and NCIP in as many actions as possible, and the FLUP process, by definition, is built around multi-sectoral participation. We are capacitating provincial governments who can further promote improved forest land management to non-EcoGov LGUs. The team has also been documenting EcoGov processes, systems and standards into knowledge products which the LGUs and DENR can use in scaling up FLUP formulation, legitimization and implementation. Alternative financing for FFM is also being piloted to ensure sustainability of efforts in the LGUs.

## 2.3 Improved Coastal Resource Management

### a. Expected Outputs for the Period

The expected outputs for this period as indicated in the Year 5 work plan are presented below:

**Table 4. CRM Expected Outputs for the Quarter**

<i>Expected Outputs</i>	<i>Status</i>
1. Improve the management of coastal areas in Dumalinao, ZDS	<i>Dumalinao placed under improved management</i>
2. Refinement and legitimization of the CRM plans of Pilar, Carmen and Ipil and assist in initial implementation activities together with DENR and BFAR	<i>Completed for Pilar. On-going for Carmen and Ipil</i>
3. Strengthen at least six marine sanctuaries (MS)	<i>Five (5) MS strengthened</i>
4. Facilitate the conduct of participatory MPA M&E and enforcement assessment workshops in the existing marine sanctuaries as part of MPA strengthening strategies	<i>Conducted</i>
5. Facilitate finalization and adoption of MPA management plans of LGUs in Negros Oriental and Davao Gulf, and assist in their annual action planning for 2009 MPA implementation.	<i>On-going Siaton MPA plan adopted by the Sangguniang Bayan</i>
6. Follow up technical monitoring of selected MPAs in Camotes and Western Mindanao	<i>Conducted. Collaborated with the ICE CREAM<sup>3</sup> Project in selected sites.</i>
7. Facilitate joint management between DENR and Camotes LGUs to accelerate protection and management of mangroves, and finalization and legitimization of mangrove management plans	<i>On-going</i>
8. Continue strategic planning workshops for the MPA networks and the inter-LGU alliances	<i>Completed for DuGJan; on-going for CSCRMC</i>
9. Finalize the financial management guidelines of DuGJan MPA network	<i>Completed</i>
10. Mobilize the MPA networks in northern Negros Oriental (MOA signing, implementation of the annual work plan, regular meetings) in collaboration with ENRD	<i>BATMan MPA network formally established; MOA signed</i>
11. Facilitate the amendment of the existing City MPA Ordinance of Samal to include user fees and penalties of the MPA.	<i>Conducted</i>
12. Assist in developing IEC materials for MPAs	<i>On-going</i>
13. Develop knowledge products on inter-LGU collaboration in CRM/fisheries management	<i>On-going Case studies being drafted.</i>

<sup>3</sup> Integrated Coastal Enhancement: Climate Research, Evaluation and Adaptive Management Project promoted by the Department of Science and Technology (DoST).

*b. Summary of Accomplishments and Activities*

**CRM Sector –Wide Accomplishments**

- The coastal areas of the Municipality of Dumalinao (4,908 hectares) are now under improved management, bringing the total area to 107,435 hectares (or 101% of LOP target).
- Five existing sanctuaries have been strengthened with a total area of 221.3 hectares, bringing the total number of MS strengthened to 49 (or 98% of LOP target) with a total area of 2,602 hectares (or 104% of LOP target). The marine sanctuaries are in Central Visayas (Bohol and Negros Oriental) and Western Mindanao (Zamboanga del Sur).
- Five EcoGov-assisted marine sanctuaries were selected as finalists (out of 70 entries) of the nationwide search for the 2009 Outstanding MPAs in the country, which was organized by the MPA Support Network (MSN). Pilar Municipal Marine Park in Pilar, Cebu won top prize while Tambunan MPA in Tabina, Zamboanga del Sur won second prize. The selection process included the submission of accomplished MPA rating forms to determine best practices in the establishment process and management mechanisms, and conduct of field assessments by a panel of evaluators, who are MSN partners/members with extensive experience in MPA management, in the 12 shortlisted MPAs to evaluate management strategies and their effectiveness, and actual ecological and socio-economic impacts of the MPAs. Five out of the twelve finalists who were selected from a total of 70 nominations received by the selection committee nationwide, were technically assisted by EcoGov. The MPAs were rated based on the following criteria: 35% management effectiveness, 33% biophysical achievement, and 32% equity and accrual of socio- economic benefits.
- MPA network in northern Negros Oriental (Bindoy-Ayungon-Tayasan-Manjuyod or BATMan MPA Network) formally established.
- Technical and administrative support was provided by the EcoGov team during the 2<sup>nd</sup> Conference of Coastal Municipalities held last June 28-30, 2009. EcoGov co-organized with Conservation International and MSN, the session on Maintaining Marine Biodiversity, made a presentation on “*Marine Biodiversity, Ecological Services and Human Well Being*” and assisted in facilitation and documentation. (Section 2.2 presents more details on Ecogov participation and support for this conference.)

**Table 5. Status of Performance Targets as of Year 5 – Q3 (as of 30 June 2009)**

LOP Sector Targets	Year 5 Targets	Target per region	Accomplishments as of Yr5 Q2	Yr5 Q3 Accomplishments	Variance/ Comments
Place under improved management about 106,700 hectares of coastal areas	Place 13,633 hectares under improved management (bringing total to 100% of LoP)	<b>Central Visayas</b> 19,254 hectares (Poro, Tudela)	9,459.73 hectares of coastal area placed under improved management (Poro)	Pilar CRM plan and ordinance adopted.	On-going assistance to Pilar and Carmen to improve coastal area mgt.
		<b>Western Mindanao</b> 8,841 hectares (Dimataling, Dumalinao)		<b>4,908 hectares of coastal area placed under improved management (Dumalinao)</b>	
		<b>Southern/Central Mindanao</b> 16,659 hectares (Davao City)			On-going assistance to Brgy. Matina, Davao City to improve coastal area mgt.
Establish 20 new marine sanctuaries covering an area of at least 400 hectares	<i>LOP targets achieved in Year 3</i>				
Strengthen 50 marine sanctuaries covering at least 2,500 hectares of existing marine sanctuaries under improved management	Strengthen 16 existing marine sanctuaries and achieve enforced level (bringing total to 100% LoP target)	<b>Central Visayas - 9</b> (3 in Bohol, 6 in Negros Oriental)	3 MS strengthened, reaching enforced level	<b>2 MS strengthened, reaching enforced level:</b> - Tubod Mar, Jagna (11.9 ha) - Andulay, Siaton (6.4 ha)	
		<b>Western Mindanao - 4</b> (3 in Z. del Sur, 1 in Basilan)	7 MS strengthened reaching enforced level:	<b>3 MS strengthened, reaching enforced level:</b> - Bagong Silao MPA, Dumalinao (22 ha) - Daodao MPA, Pagadian (77 ha) - Taracan MPA, Dinas (104 ha)	
		<b>Southern/Central Mindanao - 3</b> (Davao Gulf)			On-going assistance to strengthen existing MPAs in Sta. Cruz, IGACOS and Davao City
Other Targets:					
	Strengthen 2 MPA networks and initiate formation of at least 3 other networks	<b>Central Visayas</b> 1 strengthened (Bohol); 2 initiated (Negros Oriental)	<b>2 MPA networks formally established and documented</b>  • DuGJan MPA network (Bohol)	<b>BATMan MPA Network in northern Negros Oriental formally established</b>	

LOP Sector Targets	Year 5 Targets	Target per region	Accomplishments as of Yr5 Q2	Yr5 Q3 Accomplishments	Variance/ Comments
			<ul style="list-style-type: none"> <li>Camotes Sea MPA network (Cebu)</li> </ul>	Strategic plan and financial mgt. guidelines for DuGJan completed.	
		<b>Western Mindanao</b> 2 strengthened (IBRA-9); 1 initiated (Zamboanga Sibugay)	<b>2 MPA networks formally established and documented</b> <ul style="list-style-type: none"> <li>IBRA-9 Cluster 1 (PaTuLad)</li> <li>IBRA-9 Cluster 2 (SanTaDiDi)</li> </ul>		On-going assistance to strengthen existing MPA networks
		<b>Southern/Central Mindanao</b>			
	Strengthen inter-LGU alliances for bay-wide management	<b>Central Visayas</b> 4 LGUs in Camotes Island, 1 mainland, with Cebu Province	<b>Camotes Sea CRM Council strengthened</b>		Strategic plan for CSCRMC almost completed.
		<b>Western Mindanao</b> 8 LGUs in Z. del Sur with Province	<b>IBRA-9 strengthened</b>		

### **CRM Accomplishments – Northern Luzon**

- Collaborated with the DOST-funded ICE CREAM Project to continue the technical and participatory monitoring and evaluation in selected marine sanctuaries. The ICE CREAM Project aims to determine vulnerabilities of various marine ecosystems to disturbance events as exacerbated by global climate change, and establish monitoring programs to gauge changes from these events and recommend adaptive management mechanisms; hence, this partnership is strategic in continuing the M&E programs initiated by the EcoGov Project.

### **CRM Accomplishments – Central Visayas**

#### *Coastal Area Management*

- Assisted the LGUs in Camotes in updating their fisheries registration & licensing database as part of monitoring the implementation of CRM/FM plans. As of June 2009, about 1,985 fishers have registered, and 1,020 boats have been issued with licenses in the Municipality of San Francisco. Fisheries registration is on-going in Poro, Pilar, Tudela and Danao City.

The revised Comprehensive Fisheries Ordinance of Pilar (Municipal Ordinance No. 5, series of 2009), which includes the management guidelines for specific gears and marine organisms, was enacted last April 2009.

- Provided technical assistance to improve the management of other CRM zones. LGU-Poro has expanded their seaweed culture project to include Barangays Paz and Libertad. These projects will be managed by fisherfolk organizations based in the barangays. LGU-San Francisco has almost completed the construction of the boardwalk leading to their mangrove management area in Barangay Unidos as part of their mangrove management plan implementation.
- Continued assistance in CRM planning to Pilar and Carmen. The CRM plan and draft ordinance of Carmen was presented to the Municipal Development Council (MDC) last April 7, 2009, and submitted to the Sangguniang Bayan (SB) for further approval. The Fisheries Management Zone Ordinance of 2009, enacted by the SB during the first quarter of this year, has been submitted to the Cebu Provincial Board. Meanwhile, the CRM plan and Integrated CRM Ordinance of Pilar were adopted by the SB last April 2009 through Municipal Ordinance No. 6, series of 2009. The CRM plan is currently being packaged.
- Continued assistance to sustain the efforts of the Camotes Sea CRM Council (CSCRMC), included:
  - ensuring that regular meetings are being held
  - training of the CSCRMC M&E team on reef assessment using SCUBA continues
  - facilitation of an EXECOM meeting on June 5, 2009 to discuss the NIPAS and the status of the Camotes Islands as a protected area
  - meetings with RAFI and CCEF to include the Camotes cluster in their EU proposal to continue to support the CRM interventions and provide technical assistance in the area.
- Assisted the member LGUs in preparing for the cross visit of inter-LGU alliances from Negros Occidental and Southern Leyte last June 27-29, 2009. The visit was sponsored by the GTZ (German Technical Cooperation). The purpose of their visit was to learn about the CSCRMC's experiences on inter-LGU collaboration, as well as the CRM initiatives of the individual member LGUs.

#### *Strengthening Existing Sanctuaries*

- Two marine sanctuaries were strengthened, reaching enforced level. The total area is 18.3 hectares. These are:
  - Tubod Mar Marine Sanctuary (Jagna, Bohol) – 11.9 hectares
  - Andulay Marine Reserve (Siaton, Negros Oriental) – 6.4 hectares
- The EcoGov-assisted Pilar Municipal Marine Park was awarded 1<sup>st</sup> place in the 2009 Best MPA Awards conferred by the MPA Support Network (MSN). This site has potential to serve as a learning destination.

- Continued to assist in the implementation activities of the existing marine sanctuaries particularly on organizational development, enforcement, and monitoring and evaluation. The MPA management bodies of Esperanza Marine Sanctuary in Poro and San Isidro Marine Sanctuary in San Francisco were re-organized last April 17 and 27, 2009, respectively. Enforcement assessment workshops were conducted in Siaton and Manjuyod last June 2009. Participatory monitoring and evaluation were conducted in the assisted marine sanctuaries in the Camotes Sea, Guindulman and Jagna in Bohol, Ayungon and Manjuyod in Negros Oriental and by the local monitoring teams. Performance monitoring using the modified MPA rating form was conducted by the MPA management bodies of Libertad and Esperanza in Poro, San Isidro and Santiago in San Francisco, and Pilar. A second round of community perception surveys was also completed in Pilar last May 2009.
- Conducted technical biophysical monitoring surveys in four marine sanctuaries in Camotes. The EcoGov team assisted the DOST-funded ICE CREAM project in providing an orientation on climate change initiatives and in establishing permanent monitoring stations in Pilar and San Francisco last May and June 2009.
- The Municipal MPA Management Plan of Siaton (Negros Oriental) was formally adopted by the Sangguniang Bayan on May 18, 2009 through Municipal Resolution No. 68, Series of 2009.
- BATMan MPA Network (northern Negros Oriental) formally established:

- The Memorandum of Agreement between the four LGUs (Bindoy, Ayungon, Tayasan, Manjuyod) was signed last **May 28, 2009**. The BATMan MPA Network is headed by the EXECOM, which is composed of the four mayors. The Marine Protected Area Council (MPAC) serves as the implementing arm of the EXECOM and has four working committees. The network has yet to elect its Chairman and Trustee LGU. Currently, Mayor Rosa Yap Paras of Bindoy is the interim chairman of the network.



*Another inter-LGU alliance for coastal and marine resources management is formed with the formal convergence of the local governments of Bindoy, Ayungon, Tayasan and Manjuyod (BATMan) in Negros Oriental. Here key officials unveil the marker billboards delineating BATMan territory and put their unity rings together in a gesture of oneness for sustainable development.*

- The BATMan MPAC and committees have conducted regular cluster meetings at least every other month since 2008 even before the network's formal establishment. They have prepared annual action plans since 2007.
- Each member LGU will allocate Php50,000 annually for the network's operation, as provided in the MOA, starting in 2010. This amount will be included in each of the LGU's annual investment plan.
- Prior to its formal establishment, the network has implemented priority activities since April 2008. The IEC committee was able to prepare an IEC plan and developed IEC key messages during a workshop held last April 29-30, 2008. The inter-LGU M&E committee was trained last June 3-5, 2008 on the use of participatory methods of monitoring their MPAs. An IEC material development workshop was conducted last **April 16-17, 2009** in Bindoy, where the group was able to design the network's logo and slogan. The IEC caravan to inform the general public on the network was conducted last **May 28, 2009** as part of the MOA Signing event. The network has also agreed to be a lead advocate in clarifying issues about NIPAS for the Tañon Strait.
- In collaboration with the Bohol Environmental Management Office (BEMO), EcoGov continued assistance in the implementation of the annual action plan of the DuGJan MPA Network (Bohol) particularly on organizational formation, M&E and IEC. Regular DuGJan meetings were held last April 16, 2009 to report about LGU and committee updates and to complete the 5-year strategic plan of the network, and last June 4, 2009 to finalize the details of the cross visit to Camotes. The financial management guidelines of the network have been finalized and due for adoption.

### **CRM Accomplishments – Southern and Central Mindanao**

#### *Coastal Area Management*

- Participated during the SCUBASURERO activity organized by the Department of Tourism (DOT) during the Earth Day celebration last April 22, 2009.
- Assisted the CRM-TWG of Davao City in drafting the organizational structure of the proposed CRM Division under the office of City Agriculture last May 15, 2009, and facilitated the formulation of a 3-year CRM work plan last June 24, 2009 to identify the scope of CRM Division, manpower requirements and budget needed for the implementation.

#### *Strengthening Existing Sanctuaries*

- Provided technical assistance to finalize the barangay resolution endorsing the Punta Dumalag MPA management plan to the Sangguniang Panlungsod for adoption.

- Facilitated the adoption of the MPA management plans of Tambo, Camudmud, Linosutan, Dadatan, Sta. Cruz and Cogon in IGACOS, and of Tuban-Tagabuli in Sta. Cruz at the barangay level. The Tuban-Tagabuli MPA management plan has been refined and endorsed by the Barangay Council to the SB for adoption.
- Re-validated the MPA coordinates of Camudmud and Dadatan MPA in IGACOS together with the barangay officials and the CRM-TWG.
- Conducted an MPA Ordinance workshop last June 11, 2009 to provide technical inputs in the formulation of the IGACOS MPA Ordinance and proposed amendments to some of the provision of the City Ordinance No.2001-51, specifically MPA technical descriptions, user fees and fines/penalties. The MPA Ordinance has passed the 1st reading at the SP and scheduled for public hearing.
- Assisted the City Government of IGACOS in their “adopt a mangrove project” in Sanipaan Marine Park. The project was launched last June 20, 2009.
- Conducted follow up participatory biophysical monitoring and evaluation training for the local monitoring and evaluation teams of Tambo and Camudmud in Sta. Cruz last May 19-20, 2009, and of Linosutan and Dadatan in IGACOS on June 21-22, 2009. Four monitoring sites were established within the fish sanctuary of Sanipaan Marine Park under Barangay Tambo and Camudmud.
- Assisted the DOST-funded ICE CREAM project in providing an orientation on climate change and in setting up permanent monitoring stations in Sanipaan Marine Park, Coral Garden Linosutan and Dadatan MPAs in IGACOS, and in Punta Dumalag MPA in Davao City last April 14-17, 2009.

### **CRM Accomplishments – Western Mindanao**

#### *Coastal Area Management*

- The coastal areas of the Municipality of Dumalinao (4,908 hectares) are now under improved management.
  - The CRM zones of Dumalinao were established in 2003 through Municipal Ordinance No. 2003-02-194.
  - The Municipal Agriculture Office serves as the responsible office in implementing the CRM program of the municipality.
  - Budget for CRM/fisheries-related programs has been regularly allocated since 2005. To date, the LGU has allocated a total of over Php3,500,000 (USD72,917) for the CRM program. The CRM budget for 2009 is Php1,897,000 (USD39,521).
  - The management of the Fisheries Management Zone has been improved through coastal law enforcement operations being conducted by the Bantay Dagat members, who work in shifts over a 24-hour period to enforce all CRM and fishery-related ordinances. These include prohibition on the use of surface-

- supplied air by compressor for fishing, *baling* and *sudsod*. Furthermore, the LGU is providing incentives for the deputized fish wardens through MO# 02-196. The LGU has also enacted MO# 2003-02-187, which provides for the registry of all fisherfolks, and MO# 2003-02-195, which provides for the licensing and coding of fishing boats. Several trainings on fishery licensing and registration were conducted to strengthen the implementation of the LGU's fisheries registration and licensing system. Barangay Pantad enacted BO# 004 S-2008 which provides for the closed and open season of fishing rabbit fish or siganids. Closed season is declared during their breeding and spawning months from December to February. The ordinance is already adopted and being implemented at the barangay level.
- The Mariculture Park has also been established, and implementation has been initiated. A hydrological modeling study to determine water residence time, potential waste dispersion and sedimentation footprints from marine fish cages was conducted to obtain baseline inputs in finalizing the site of the proposed mariculture park and its sub-zones. The LCE issued Executive Order No.3, Series of 2009, dated January 28, 2009, for the creation of the Municipal Technical Working Group for the Mariculture Park Project to take charge of the planning, programming and policy formulation. Management guidelines for the integrated mariculture park have been drafted and presented to the community for feedback last May 27, 2009. These guidelines have been transformed into Municipal Ordinance No. 2009-05-309, including the creation of the Dumalinao Executive Management Council, which is now on its second reading at the Sangguniang Bayan for approval. The sub-zones of the Mariculture Park were identified by the TWG last June 21, 2009. The sub-zones include aquasilviculture, fish cages, seaweeds, and fish corrals, among others. The TWG further convened last June 22, 2009 to discuss the necessary preparations for the conduct of an investment forum in September.
  - IEC activities are also being regularly implemented, including “*pulong-pulong*” or informal gatherings on ordinances, illegal fishing activities, piracy and extortion.
  - Continued assistance to sustain the efforts of the Illana Bay Regional Alliance-9 (IBRA-9), particularly in providing inputs during their regular meeting last June 2009, such as Al Khalifa principles, institutional strengthening, monitoring and evaluation, and action planning.
  - Assisted the CRM section of the PEMO in initiating its scaling-up activities. A meeting was held last May 6, 2009 to re-organize the Dumanquillas-Maligay Bay CRM Council and determine how best to adopt the best practices and experiences of IBRA 9.

### *Strengthening Existing Sanctuaries*

- Three marine sanctuaries were strengthened, reaching enforced level. The total area is 203 hectares. These are:
  - Bagong Silao MPA (Dumalinao, Zamboanga del Sur) – 22 hectares
  - Daodao MPA (Pagadian City, Zamboanga del Sur) – 77 hectares
  - Taracan MPA (Dinas, Zamboanga del Sur) – 104 hectares
- Facilitated the adoption of the Daodao MPA management plan of Daodao by the Sangguniang Panglungsod through City Resolution No. 2009-030 last June 22, 2009.
- Assisted the local monitoring teams of Taracan in Dinas (May 19-20, 2009), Daodao in Pagadian City (May 21, 2009), Bulanit in Labangan (May 26-27, 2009), and in Bagong Silao in Dumalinao (June 17, 2009), in the conduct of their regular M&E activities, including performance assessment, data consolidation and feedback on results to the barangay officials and communities. The M&E activities were participated in by IBRA-9 Cluster 1 and 2 monitoring teams. The cluster teams also conducted underwater video documentation of the MPAs during the whole month of May 2009.
- Assisted the DOST-funded ICE CREAM project in providing an orientation on climate change and in setting up permanent monitoring stations in selected MPAs in Pagadian City, Tukuran, and Tabina last April 21-24, 2009.
- Provided technical assistance to the Task Force Al Khalifa, which was organized by LGU-Dinas last April 27, 2009 to be its IEC and advocacy arm, in conducting strategic IEC campaign using Al Khalifa sourcebook to advocate for the protection of coastal and marine resources including mangroves. The Task Force is composed of Muslim religious leaders.

### *c. Implementation Problems and Proposed Resolutions*

- DENR-PAWCZMS appears to be providing conflicting advice/actions to the Camotes LGUs regarding the management of municipal waters and joint mangrove management agreements. This has contributed to an environment of confusion and mistrust among the LCEs despite several dialogues. EcoGov has made, and will continue to make efforts to provide the LCEs with relevant and timely information and facilitate in-depth discussions on NIPAS. This has bolstered their confidence to make informed representations and articulate their positions on this issue.
- The peace and order situation due to insurgency in Dinas and Labangan and preparations for the coming elections in other LGUs disrupted TA provision and LGU CRM implementation. The EcoGov team re-focused coaching activities to unaffected LGUs and PLGU-level partners.

- The absence of a focal CRM office that will implement the CRM activities of Davao City, IGACOS and Sta. Cruz is a constraint to project implementation. Discussions and coordination meetings among the TWG member offices are being conducted to determine organizational structure and to prepare their action plans.
- The lack of coordination between the Task Force Pawikan and the barangay LGU regarding the Marine Protected Area in Punta Dumalag, Davao City, particularly on enforcement and entry of visitors, is a problem that needs to be addressed. A meeting is being rescheduled to review the memorandum of agreement signed between the City LGU, DENR and Davao Light and Power Company (DLPC) for “Marine Turtle and Dugong Conservation Project” in Punta Dumalag, Matina Aplaya, and to clarify the relationships and responsibilities of each proponent and determine mechanisms to improve coordination with the barangay LGU.

*d. Objectives for the Next Quarter*

- Finalize/package of the CRM Plans of Pilar, Carmen and Ipil, and assist in initial implementation activities.
- Facilitate the conduct of participatory MPA M&E and enforcement assessment in the MPAs in Negros Oriental, Bohol, Davao Gulf and ZDS as part of MPA strengthening strategies.
- Facilitate legitimization of MPA management plans and MPA ordinances of LGUs in southern Negros Oriental and Davao Gulf.
- Assist LGUs in the conduct of the annual action planning workshops for 2010 CRM/MPA implementation.
- Complete/package the strategic plans of CSCRMC and DuGJan MPA network, and initiate strategic planning workshops for the BATMAN and IBRA-9 MPA networks.
- Conduct IEC materials development training for IGACOS.
- Together with provincial partners, continue to strengthen the inter-LGU alliances through the conduct of the State of the Coasts reporting.
- Complete documentation of inter-LGU collaboration experiences, women in CRM and technical M&E reports.
- Compile all EcoGov outputs (CRM, MPA, FM and mangrove management plans) and related documents such as ordinances, LGU budget/AIP, M&E data

*e. Status toward Achieving Sustainability of Efforts*

- The EcoGov CRM team has continued to mentor and coach local counterparts in action planning, plan implementation and performance review to ensure that they continue to implement their CRM programs even beyond project life. Initiatives to strengthen inter-LGU collaboration and MPA networks help provide redundancies to scale up and provide buffering effects for future governance changes. Continuing the CRM efforts of LGUs through sustained financial support for implementation activities remains a significant challenge. The team continues to ensure that regular annual action planning is being conducted by the LGUs as a strategy for fund leveraging within and outside LGU funds. Furthermore, linkages with NGAs, NGOs, academe and private partners, e.g., ICECREAM, Ramon Aboitiz Foundation Inc., Coastal Conservation and Education Foundation Inc., LGSP-LED, Kennedy Round 2, GTZ, are being facilitated to continue assistance to the LGUs in their CRM efforts as the EcoGov project enters the Option Period. Activities will increasingly focus on the refinement of a knowledge management strategy, with a view to disseminating knowledge products, promoting internalization of good practices and establishment of learning systems in CRM.

## 2.4 Improved Solid Waste Management

### a. Expected output for the Quarter

The table below summarizes the expected outputs and status as of 30 June 2009.

**Table 6. SWM Status of Expected Outputs as of 30 June 2009**

<i>Expected Outputs</i>	<i>Status</i>
At least 10 LGUs meeting 25% diversion	7 LGUs achieved target
At least 10 LGUs with legitimized SWM plans	2 legitimized; 5 under SB review
At least 10 LGUs with enacted SWM ordinances	1 enacted; 6 under SB/SP review
Engineering designs of 5 SLFs in Central Visayas	Completed
SLF O and M manuals in 2 LGUs	Ongoing
Adoption of monitoring checklist for SLF development and operations	Checklist field tested; adoption delayed
Revised SWM training guide	Ongoing
Completed draft of good practices sourcebook	Draft completed

### b. Summary of Accomplishments and Activities

#### **UEM-SWM Sector Wide Accomplishments**

- There were seven LGUs which met the 25% waste diversion criteria during the quarter: 4 in South-Central Mindanao and 3 in Central Visayas. There are now 80 LGUs with 25% waste diversion, representing 89% of LOP target.
- SLF design work in Central Visayas (3 LGUs) and Mindanao (10 LGUs) reached advanced stages. Toledo City and Compostela of Cebu only developed concept designs. EcoGov's local service providers, SWAPP and CEST, continued to mentor the LGUs. Seven of the designs were prepared for final review of the LSPs at the end of the quarter.
- Ten LGUs have "ring fenced" their SWM accounts, two of which were established during this quarter. Six of the ten LGUs have fund management guidelines that have been reviewed and/or approved by their SWM Boards/local finance committees or SB/SP.
- The development of knowledge products is ongoing. The team completed the documentation of the initial set of SWM good practices that will be included in the SWM good practices resource book.
- The UEM team participated in several workshops and discussions with other donors on good SWM practices and policy issues. In the National Conference on Solid Waste Management ("Bridging the Gap Between Policy and Local Action", May 7, 2009) organized by the Institute for Global Environmental Strategies (IGES). The EcoGov-supported clustering initiative in South Cotabato was presented as one model for SLF

development. Last May, EcoGov made a presentation to the GTZ team that is helping the NSWMC formulate a national SWM strategy and participated in a diagnostic workshop with other SWM technical assistance providers and funding sources. The EcoGov team is also actively involved, together with GTZ and JICA in the design and preparations for a Forum on SWM Best Practices that DENR FASPO is planning to hold in September 2009.

### **UEM-SWM Accomplishments – Northern Luzon**

- EcoGov initiated the monitoring of LGU activities related to SLF development in the seven LGUs (5 in Nueva Vizcaya, 1 in Quirino and 1 in Isabela) that were assisted in SLF design. The EcoGov Senior Environmental Engineer, together with staff from the PLGU and DENR-EMB visited the LGUs, were updated by concerned staff on their pre-construction or construction activities, and inspected SLF sites — particularly those with ongoing physical development. The major concerns that were raised during the field inspection and discussions included delays in the issuance of ECC, unclear ECC requirements (to LGUs), incomplete engineering designs (e.g., leachate collection and treatment system), design modifications during construction and lack of monitoring by DENR. Reports on individual SLFs were subsequently prepared and formally submitted to the mayors of the LGUs, the PLGUs and DENR-EMB Region 2.
- Key recommendations of EcoGov to the LGUs, PLGU and DENR EMB were:
  - Orientation of the LGUs by DENR EMB on ECC conditions.
  - Formation of multi-sectoral monitoring teams (MMTs) by the LGUs with guidance from DENR EMB, to include representatives from the SLF host barangay
  - Review of the design of critical SLF elements such as leachate collection and treatment system, drainage, and lining and gradient of SLF cell beds
  - Documentation of actual construction and development of “as built” plans, to be the basis for operations and maintenance
  - Improvement of current cell operations; development of Operations and Maintenance (O&M) protocols
  - Improvements to some facilities or structures that are already in place
  - Periodic monitoring before, during and after construction by DENR EMB and PLGUs
  - Establishment of monitoring wells and establishment of baseline data on ground water quality.

EcoGov offered assistance to DENR EMB Region 2 in carrying out some of these recommendations.

- This activity allowed EcoGov to test and refine the SLF monitoring forms that it has developed. The use of the forms in subsequent monitoring of the SLFs was recommended to LGUs, PLGUs and DENR EMB.

- In response to a request from the Provincial Governor of Aurora, EcoGov reviewed the draft of its Provincial Solid Waste Management Plan and submitted to the PLGU ENR Officer edited sections and other suggestions to improve the plan. The PLGU was also assisted in developing the outline for the presentation of the plan to the Provincial ESWM Board which was then scheduled to meet in June.

### **UEM-SWM Accomplishments – Central Visayas**

- Three LGUs in Central Visayas met the requirements for 25% waste diversion: Lila and Sikatuna of Bohol and Bacong of Negros Oriental. There are now 23 LGUs in the region which are diverting at least 25% of their solid waste through composting and recycling. Lila and Sikatuna belong to the Metro Bohol cluster of 11 LGUs, of which only one LGU (Balilihan) has not achieved the waste diversion target. Bacong is the fourth coastal LGU in South Negros to meet the EcoGov waste diversion criteria.
- Lila and Sikatuna are implementing waste segregation and segregated collection within their respective collection areas. Backyard composting is mandatory in both LGUs. Barangay SWM Committees have been mobilized to assisting the LGU SWM IEC teams in education and information dissemination. Lila operates a central MRF and has decommissioned its open dump. Both LGUs have established residual containment areas (RCAs) for temporary storage of residual waste until the common SLF becomes operational.
- Bacong is strictly enforcing waste segregation at source and has established a central vermicomposting facility. Trained and deputized SWM enforcers make sure that residents comply with the existing local ordinance. Education and information is done through community assemblies and radio messages. The LGU has tapped a popular local radio station so information dissemination on proper waste segregation and on-site composting is not confined to Bacong, but disseminated more widely.
- The four remaining LGU targets in Bohol and South Negros were assisted by EcoGov in starting their waste diversion activities, while their SWM plans or ordinances are going through the legitimization process. Follow up is periodically done with the LGU technical working groups to facilitate action of Balilihan and Bindoy SBs on the legitimization of SWM plans and of the Zamboanguita SB on the enactment of its SWM ordinance. Siaton is being assisted in preparing for the enforcement of its recently enacted ordinance.
- The partnership in the management of marine protected areas (MPAs) that was recently forged among four LGUs along Tañon Strait is being complemented by another common program — solid waste management. The four LGUs that compose the BATMan MPA network are Bindoy, Ayungon, Manjuyod and Tayasan. The first three are advanced in implementing waste segregation at source and segregated collection. In Bindoy, waste segregation is being promoted in coastal barangays as part of MPA management. These activities are being pursued even as Bindoy has yet

to legitimize its SWM plan and Ayungon has yet to enact its SWM ordinance. Tayasan is in the process of drafting its 10-year ISWM plan.

- EcoGov continued to work with the ENRD of Negros Oriental and BEMO of Bohol in partner LGUs located along four marine KBAs: the Bohol Sea, Danajon Bank, Tañon Strait and South Negros/Sulu Sea. The EcoGov team also supported efforts of these PLGUs to replicate SWM planning and implementation in other parts of their respective provinces. The positive effects of scaling up through the PLGUs are evident in the progress that has been achieved by BEMO in Getafe, Antequera and Loon and by the ENRD in Basay and Tayasan.
- Dauin completed its SWM cost and revenue analysis and has scheduled its presentation to the Mayor and MPDC on July 14, 2009. The analysis highlights the extent of LGU subsidy to SWM and some operational gaps in program implementation (e.g., collection routes and schedules, lack of shredder, limited enforcement) which are increasing the cost of SWM operations. On the revenue side, the analysis draws attention to the fact that LGU has been successful in the collection of garbage fee from business establishments but has yet to start collection of fees from the households. A set of recommendations accompany the analysis.
- Loboc established its SWM Special Account last April 2009.
- The financial management guidelines of Bais City for its ring-fenced SWM account have already been finalized by the expanded SWM Technical Working Group and will be presented to the SWM Board in July 2009. The operationalization of this fund or special account however has been moved to 2010 as the ordinance that established this account will still have to be submitted to the Sangguniang Panglalawigan for their evaluation. The city is also considering delaying the charging of garbage collection fees (households) until after the local elections. The city's cost recovery plan has been drafted and presented to the SWM Board.
- Bayawan City completed drafting its SWM cost recovery plan. Although it has not been presented yet to the SWM Board, the SWM personnel of the city started implementing some of the strategies to improve the efficiency of its collection operations. Initial measures taken are below:
  - Revised the garbage collection schedule which reduced from 9 to 4 collection trips per day for biodegradables and from 4 to 3 collection trips per day for residuals/recyclables. Gasoline consumption was thus reduced by 17% from March to April, 2009 or from Php28,795 (USD600) in March to Php23,900 (USD498) in April 2009.
  - Reduced the size of collection crew per collection vehicle from 4 to 3 per vehicle. Overall, the total personnel (30 persons) went down to 12, resulting in 56% reduction of the labor cost or from Php163,909 (USD3,414.78) per month to only Php71,619 (USD1,492.07) per month.

- Optimized trip routes. For instance, if the volume to be collected is less than the capacity of the truck, the truck is made to cover additional barangays to maximize its load. A time and motion study determined that the current six collection vehicles could be trimmed down to only three.
- Initial discussions were held with Siaton for the establishment of a SWM special account. The LGU will be assisted in the formulation of its fund management guidelines next quarter.
- The project is assisting Bais City draft its SLF O&M manual so it can improve its SLF operations and establish its annual O&M requirements which can be the basis for budgeting. EcoGov believes however that this end-of-pipe intervention will not bring about the desired results if the city LGU does not enforce mandatory waste segregation at source. Bais City's ordinance was enacted last November 2008. The LGU is waiting for the approval of its proposed organizational structure before it puts into place an enforcement system and proceeds with the training and deployment of SWM enforcers.
- With the construction of Bayawan City's SLF nearing completion, EcoGov technical personnel initiated discussions with LGU staff on the content of the SLF O&M manual that will be developed. There was initial work, in collaboration with the German Development Service (GDS), to estimate the cost of SLF operations and the tipping fee that Bayawan City may charge those LGUs which intend to use the city's disposal facility.
- Together with ENRD, EcoGov assisted Bayawan City conduct a follow-up Waste Analysis and Characterization Study (WACS) using the 3-day WACS method to measure the change in waste generation in the city as a result of SWM program implementation. The analysis of the results has yet to be done.
- The final detailed engineering design (DED), cost estimates and IEE documents for the proposed SLFs of Duero, Jagna and Talibon and the concept SLF designs for Toledo City and Compostela were completed and submitted by SWAPP to EcoGov. The LSP contract of SWAPP will be closed upon formal acceptance of the final outputs by EcoGov.
- San Francisco obtained approval of its SLF site from MGB and is set to acquire the property. EcoGov will study the development of the SLF as a common facility for the Camotes Islands LGUs and relate it to current CRM and MPA management and eco-tourism programs for Camotes Islands.
- EcoGov was requested by the Bohol provincial authorities through BEMO to facilitate the technical assessment of a potential SLF site in Corella which could be an alternative to the Albuquerque SLF site. EcoGov will coordinate with MGB Region 7 on this matter, and participate in the assessment, particularly in soil permeability testing. It remains unclear to the province if and when the suspension of the

construction of the common SLF for the Metro Bohol cluster of LGUs will be lifted so options are being explored particularly for the major tourism areas (i.e., Panglao) within Metro Bohol.

### **UEM-SWM Accomplishments – Central and Southern Mindanao**

- Four LGUs in the Davao Gulf area were able to meet the criteria for 25% waste diversion. These are Samal City, Panabo City, Tagum City and Digos City. This is considered a significant accomplishment in view of the fact that these are large urban areas that border the Gulf and are therefore major sources of solid waste.
- These four cities have had SWM initiatives in the past. They have approved SWM plans and ordinances. EcoGov technical assistance enabled them to adopt a more systematic and participatory approach to SWM implementation particularly on waste diversion. With guidance from the EcoGov team, the following were accomplished in the four LGUs:
  - Digos City: Segregation at source and segregated collection are practiced in the public market, with segregation bins provided by the LGU. Personnel of the market administrator and a team from the CENRO enforce waste segregation and apprehend violators. Four tons of biodegradable wastes collected daily from the public market are now brought for composting at the LGU disposal facility in Brgy. Longag. An urban barangay, Brgy San Jose has agreed to be pilot barangay for SWM. It established an MRF and composting facility for its puroks to emulate. It intensified its SWM campaign in all the Puroks including major establishments and schools. An elementary school and the Digos Doctors Hospital have their own waste diversion activities, i.e., MRF and actual composting.
  - Samal City: Two barangays and a purok serve as pilot/demo areas of the city. Brgy. Bandera and Brgy. Catagman reconstituted their respective Barangay ESWM Committees and started their SWM campaign in all puroks, establishing purok-level waste collection points and/or composters. Brgy. Bandera has an operational MRF and vermicomposting facility near the barangay hall; Brgy. Catagman has reached out to resorts in the area. Purok 5-A of Brgy. San Agustin where Lawig Subdivision is located, organized a purok SWM Team and tapped a Bombo Radio reporter to handle IEC activities. It has established a composting area and collection point of residuals at strategic location within the subdivision. Other partners of the LGU include 3 schools, the Paradise Island Resort and the Samal District Hospital.
  - Panabo City: Brgy. Sto. Niño serves as the SWM pilot area of the city. The BESWMC of the barangay was reconstituted and started SWM orientation and implementation activities in its puroks and with partners like the Maryknoll College, Sto. Nino Elementary School, and Francisco Adlaon Learning Institute. It is collecting and processing biodegradable waste from the public market. With the learnings from Brgy Sto. Nino, the CENRO expanded SWM implementation

- in the other 9 barangays that cover the central business district. Forums have been held in these barangays centering on the implementation of segregation at source, recycling, composting and segregated collection by July 1, 2009. The public market and city hall started implementing segregation at source and segregated collection last May. The LGU disposal facility has an area reserved for the composting of biodegradable waste from the public market and other establishments.
- Tagum: Full segregation at source and segregated collection is currently being implemented in 14 out of 24 barangays. Each of these barangays has a functional BESWMC. The city LGU has started introducing vermicomposting to some barangays. Major waste generators (i.e., schools, hospitals, city hall compound, public market) are all required to practice segregation. Its central composting facility is already operational.
  - Malalag, which is also located within the Davao Gulf area, also achieved significant progress in SWM implementation in Barangays Bagumbayan and Poblacion. About 80% of the 600 households in Brgy. Bagumbayan are practicing segregation, recycling and composting plus the Davao del Sur School of Fisheries (DSSF) which is located in the same barangay. In Brgy. Poblacion, IEC and action planning by puroks have been started. This barangay has about 1,600 households. Segregation at source, recycling and composting are also being implemented at the municipal hall, public market, Golinggay Medical Center (pilot hospital), and Eagle's View Resort (pilot resort). Malalag however is still in the process of legitimizing its 10-year SWM plan and its ordinance.
  - Ten LGUs from the provinces of South Cotabato, North Cotabato and Sarangani in Region 12 continued to work on the completion of their SWM plans. A series of training and workshops/writeshops held on the following data resulted in the completion of the initial drafts.
    - Sarangani ( 3 LGUs): April 20-22; May 6-8; and June 3-5, 2009
    - North Cotabato (2 LGUs): April 20-22; May 6-8; and 2 May 27-29, 2009
    - South Cotabato (5 LGUs): April 23-24; April 27-28; May 12-15; June 8 and 12.

The draft plans of four South Cotabato LGUs (Tantangan, Banga, Sto. Niño and Noralla) underwent refinement and were subsequently reviewed and endorsed by their respective SWM Boards and Municipal Development Councils to their SBs. The other draft plans will be finalized next quarter.

- The four South Cotabato LGUs (Tantangan, Banga, Sto. Niño and Noralla) have ongoing implementation activities in pilot barangays, public markets, selected schools and their municipal halls. Segregation at source, segregated collection, recovery and selling of recyclable waste are being pursued. All LGUs have established MRFs for recyclables and/or composting. Tantangan, Sto. Niño and Norallah have existing ordinances but intend to enact a more comprehensive SWM ordinance (currently

being drafted) upon approval of their plans to support its implementation. Waste diversion activities have also been started in other partner LGUs in North Cotabato and Sarangani.

- In a meeting on June 25-26, 2009, EcoGov agreed to collaborate with the Action Against Hunger (ACCION) in assisting the TWG of Cotabato City in the formulation of their 10-year SWM plan. (Previous assistance of EcoGov to the city focused mainly on the public market.) The joint team identified the additional data that will have to be generated to complete the city's WACS and agreed on next steps including the responsibility centers for activities related to the completion of the plan.
- Kidapawan City resumed in June the construction of the toxic and hazardous waste (THW) disposal facility that is being financed by 7 hospitals in the city. EcoGov facilitated the cross visit of the Pollution Control Officers of the 7 participating hospitals and staff from the City ENRO and Health Department to the General Santos Doctors Hospital last June 24, 2009. Gen San Doctors Hospital is one of the pilot sites of Gen San City on SWM implementation especially on health care waste management. Learning and insights from the visit will help the participating hospitals improve their own SWM programs and develop guidelines for the operation of the THW facility. EcoGov will assist the LGU and the participating hospitals on the latter activity.
- Alabel established its special account for SWM last May. It has yet to develop the guidelines for the use of such funds. Polomolok's SWM Board and Local Finance Committee reviewed last April 15, 2009 the proposed guidelines for the utilization of the its SWM Fund, also a special account under its General Fund but with a separate bank account. The guidelines developed by Kidapawan City for a similar special account was presented and reviewed by its Board and Local Finance Committee last May 12, 2009.
- Officials and members of the SWM Committee of Brgy Lagao, Gen Santos City were given an orientation by the EcoGov Municipal Finance Specialist last May 14, 2009 on cost and revenue analysis and cost recovery schemes in relation to its plan to charge environmental management fee for the SWM services provided by the barangay.
- The EcoGov team coordinated the review of the SLF detailed engineering designs by CEST last May 5-13, 2009. The designs were prepared by 10 LGUs: Digos City, Isulan, Kabacan, Surallah, Kiamba, Alabel, Lebak, Kalamansig, Pres Roxas and Kidapawan City. By end of June, only four LGUs (Isulan, Kiamba, Surallah and Kabacan) were able to complete and submit their final designs. The contract of CEST was subsequently recommended for extension.
- Funding commitments were obtained from Pres. Roxas, Kabacan, Kidapawan and North Cotabato PLGU for SLF development. Kidapawan City will allocate funds from the funding support it receives from the Department of Energy (DOE). Pres.

Roxas initially budgeted PhP600,000 (USD12,500) and the SB will endorse the inclusion of additional budget in the 2010 Development Fund. Kabacan's SLF's budget will be included in the 2009 supplemental budget and the 2010 Development Fund. The PLGU indicated the availability of some funds from DOE that can be tapped to augment/supplement SLF developments.

- For the development of the Surallah Cluster SLF which is estimated to cost Php8.5 million (USD177,084), the South Cotabato Governor agreed on June 29,2009 to increase its funding support from Php5.0 million (USD104,167) to Php6.5 million (USD135,417). Governor Fuentes suggested that the remaining Php2.0 million (USD41,667) be provided by Surallah, which can conceivably be recovered through tipping fees.

### **UEM-SWM Accomplishments – Western Mindanao**

- Labangan LGU of Zamboanga del Sur completed its 10-Year Integrated Solid Waste Management Plan. The plan was subsequently reviewed by its SWM Board and endorsed to the SB for approval.
- EcoGov facilitated a dialogue between the junkshop operators and the Pagadian City ENRO and District 1 CENRO on April 28, 2009. The following agreements were reached:
  - Junkshop operators will work together, initially in the recovery and trading of recyclable paper. They will individually collect/buy recyclable papers, but will deliver/sell collectively (one time) to Iligan-based consolidators. The mechanics for this will be worked out.
  - They will be trained on proper sorting of papers to upgrade the marketability of papers/cartons.
  - Further studies will be undertaken to look into other markets and opportunities.
- To improve resource recovery and strengthen the recycling sector in Zamboanga del Sur, a simple marketing study on recyclables was conducted from late April to end of May 2009 by the EcoGov SWM Assisting Professional for Western Mindanao. Junk shop operators in the province were identified and interviewed on their business practices and problems they are currently encountering. The study revealed the following:
  - There is fierce competition among junk shop operators in Pagadian City. Itinerant waste buyers (push cart boys) sell the collected recyclables to the one which offers the highest price, not necessarily the one financing their operations.
  - Junkshops in the city generally lack storage capacity.
  - Prices are fluctuating (for example, the market for paper and cartons collapsed) allegedly due the global economic crisis.
  - Since they are small players and have small volumes, they have practically no negotiating power and are forced to accept the price set by dealers.

- There is one big junk shop operator who buys waste papers and cartons in Iligan City. Buying price ranges from Php2.00 to Php3.00 (USD0.04 to 0.06) per kilogram depending on the quality of the waste paper.
- The Philippine Steel Company in Iligan City only entertains traders who can deliver a minimum of 100 tons per month and the processing of payment takes at least 7 working days. While Iligan City is relatively near Zamboanga del Sur, operators/consolidators are forced to go through accredited consolidators operating in Davao City and Cebu City because of the above terms.

Training of SWM enforcers were held in Guipos and Dumalinao. In Guipos, a total of 264 auxiliary enforcers from nine poblacion barangays were deputized after the May 20-21 training. In Dumalinao, a total of 350 auxiliary enforcers from fifteen barangays were also deputized after their training last June 15-17, 2009. The training sessions were organized by the municipal TWGs and facilitated by a pool of trainers from the Provincial SWM-Technical Working Group which consist of the Provincial Legal Officer, a DILG Officer, the Community Relations Officer of the Provincial PNP, SWM Division Head, Provincial Sanitary Inspector, and staff of the Zamboanga del Sur Provincial Environmental Management Office.

- SWM planning in Pitogo was completed by the PLGU SWM Technical Working Group. Pitogo is one of the nine LGUs identified by the Provincial Government of Zamboanga del Sur for scaling up. The planning activities served as hands-on training to members of the provincial pool of trainers.
- Tungawan of Zamboanga Sibugay completed the construction of its residual containment area (RCA).
- A two-day composting training was conducted in April 29-30, 2009 for the municipalities of Buug, Ipil, Tungawan, Imelda and Siay. The training included a composting demonstration and actual visit to the centralized composting facility in the Municipality of Ipil. A total of 35 representatives from the different LGUs participated in the training.
- In Marawi City, a SWM orientation was held last June 11, 2009 for members of the Muslim Religious Leaders (MRL) of the city. The activity aimed to get the support of the MRL members in promoting proper solid waste management in Marawi City. Over 50 leaders from the ranks of the Aleem, Aleema, and the city local government, participated in this event, which highlighted principles of Islamic environmental management, culled from the environmental



*Speaking before Muslim religious leaders, Councilor Khana Anuar S. Marabur, Jr. stresses the urgent creation of a permanent Office of the City Environment and Natural Resources for environment programs continuity and budget support in Marawi City. (Photo by USAID/Revie Bayona)*

sourcebook Al Khalifa (The Steward). The MRL members were encouraged to support the program by (1) emphasizing SWM issues and topics in their khutbas, (2) holding outreach sessions on Fridays to inform/update their communities on the City's SWM program and SWM practices, and (3) mobilizing worshippers and other religious leaders to practice proper waste management (waste segregation, composting and recycling) inside the mosque compound and in the Madrasa. A Declaration of Support to keep the Islamic City of Marawi Clean was then signed by the religious leaders and representatives from the City Government.

### *c. Implementation Problems and Proposed Solutions*

- With only one quarter remaining before the end of Year 5, it is likely that some targets in LGUs which are considered critical to the KBAs will not be completely achieved. The delays are the result of local political dynamics (e.g., some SB members and the mayor belong to different political parties), slow pace of actions and decision making processes (e.g., slow process in review of ordinances, continuing non-action on budget and staffing problems) on the part of the LGUs. Among these LGUs are: Bais City in Tañon Strait, Panglao in Bohol Sea, Davao City in Davao Gulf, Pagadian City in Illana Bay and Basilan in the Moro Gulf. EcoGov will look for opportunities to move forward and reinvigorate their SWM programs during the Option Period.
- The limited capability and availability of the engineering staff of LGUs tasked to prepare SLF detailed engineering designs resulted in further delays in their design work. The contracts of the EcoGov service providers therefore had to be extended. A more realistic timeframe will have to be considered in future SLF designing activities. It is also important to get a firm and written commitment from the LGUs that their staff being trained and mentored on SLF design will give priority to this task until the assignment is completed.
- The construction and operations of SLFs do not follow set standards, i.e., engineering designs are modified during construction without fully understanding the principles behind the design of specific facilities; “as built” design are not being prepared; unsegregated wastes are disposed in the SLFs; management practices are poorly or incorrectly executed. This is aggravated by the absence of monitoring by DENR or the PLGU. It will therefore be incumbent on EcoGov to do another round of mentoring to concerned LGUs to address very specific issues/gaps and problems (including revision of engineering plans if necessary), establish O&M procedures and install M&E systems so that construction and actual SLF operations can be closely monitored. This activity will be done jointly with DENR EMB.
- Slow processing of ECCs combined with limited understanding of ECC requirements by LGUs continue to present a constraint to implementation. There is need for DENR EMB to be clear on their requirements when IEEs are being prepared and for PLGUs/MLGUs to make sure that these requirements are included in their submissions.

DENR EMB will be encouraged to orient LGUs on the ECC conditionalities as a service to those LGUs which are trying to comply with the requirements of RA 9003.

*d. Objectives for Next Quarter*

- Ten LGUs meeting 25% waste diversion target
- Completion of all engineering designs of 10 SLFs in Mindanao
- Completed SLF O&M manuals in at least 2 LGUs
- Action plans of selected LGUs (at least 4 LGUs) to address problems/issues on SLF construction or operations, including M and E
- Action plans with priority PLGUs and DENR for their scaling up program for 2010
- Completed knowledge products: SWM training guide, good practices sourcebook, compendium of SLF engineering designs, SLF designing manual, O&M outline, and M&E checklist; activity-based cost accounting and ring-fencing guidelines.

## 2.4 Municipal Investments in Sanitation

### a. *Expected Outputs for the Quarter*

**Table 7. Status of Expected Outputs as of 30 June 2009**

<i>Expected Outputs</i>	<i>Status</i>
Designs and initial cost estimates of identified priority WWM projects of 5 LGUs are completed and presented to LCE and SP/SB for approval and budget allocation.	Completed
At least 8 LGUs with ordinances for septage management submitted to SB/SP or enacted	7 LGUs with draft ordinances; 2 submitted to SB/SP
At least 4 LGUs meeting agreed criteria for investments in sanitation.	1 LGU met criteria

### b. *Summary of Accomplishments and Activities*

- Of the five LGUs with completed engineering designs, only 1 (Lake Sebu) met the investment criteria. The approval of a small grant by EcoGov (refer to Section 2.6), triggered funding allocation from the province, municipal and barangay LGUs. This increased the total accomplishment of this program component to 12 LGUs, which is 60% of the total target of 20 LGUs.
- Four cities that border Davao Gulf (Digos City, Tagum City, Samal City and Panabo City) have completed their engineering designs but have yet to firm up funding support for the implementation of their WWTF projects and complete their IEE to support their ECC applications. These LGUs, together with two cities in Region 12, have agreed to jumpstart their septage management programs through ordinances that require compliance with septic tank design standards. These ordinances are at different stages of formulation and enactment.
- Seven of the 20 LGUs being assisted by EcoGov are already working on additional (second generation) WWM projects while their original initiatives are being finalized or implemented. Digos City and Gen. Santos City will make use of nearby existing treatment facilities for their initial septage management activities.
- The development of knowledge products is continuing. The EcoGov team refined the WWM assessment module and simplified the assessment report format. It is compiling the completed engineering designs of the various WWTFs so these can be used as cases in future WWTF design training.

### **Municipal Investments Accomplishments – Central Visayas**

- Of the five LGUs in Central Visayas which were given an orientation on wastewater management assessment last quarter, only Talibon and Maribojoc of Bohol were able to complete the collection of the required data. The preparation of the wastewater management strategic action plans of these two LGUs which was planned for May

2009 was moved to July 2009. Loboc and Bais City will commence their assessment activities next quarter.

- The construction of the structures to retrofit the wastewater treatment facility of the Talibon slaughterhouse using the engineering design prepared with EcoGov guidance is completed. The slaughterhouse building is likewise completed but cannot operate yet, since the facility equipment is still due for delivery and installation. EcoGov will assist the LGU in its application for a discharge permit from the DENR before the new slaughterhouse is commissioned. This will allow Talibon to close its old abattoir which is located in the coastal area and discharges untreated wastewater directly to the sea. Talibon is along Danajon Reef, a key biodiversity area.
- The construction of the WWTF for the 75 bed capacity public hospital of Bais City is 90% complete. It is scheduled to be completed this July but its operation may be delayed further as the existing sewer lines and septic tanks that will be connected to the WWTF will have to be rehabilitated.
- Bayawan City finished its sanitation survey in the five urban barangays that will be covered by another septage/wastewater treatment system the LGU is proposing to construct. The data is being analyzed, with assistance from the German Development Service (GDS). EcoGov is expected to assist the city prepare the engineering design of the facility using the results of the survey.
- Bayawan City's septage treatment facility which is being constructed near the sanitary landfill is almost complete. Since EcoGov committed to assist the LGU in developing tipping fee options for the sanitary landfill, the LGU has also sought the project's assistance in setting desludging fees and the mechanism for fee collection which will be contained in its septage ordinance. An LGU team plans to visit Alabel and other municipalities in Sarangani to learn from their experience in operating a facility similar to theirs and in managing a septage treatment program. The visit is scheduled in August 2009.
- Dauin LGU has set aside Php450,000 (USD9375) for the initial requirements in establishing a WWTF for its public market. The LGU team did a characterization of the wastewater from the public market and inspected the market drainage system, which is not functioning anymore as most pipes are clogged. Market vendors dispose their wastewater directly to the canals using pails. The LGU has recognized the urgent need to rehabilitate the public market drainage system, which will be designed with the wastewater treatment system.
- The construction of the WWTF of the Bais City abattoir was completed. The new slaughterhouse is not yet operating since the equipment has not been installed. The LGU also plans to time the operation of the facility with the enactment of an ordinance that includes regulations on slaughtering of animals.

- The Bais City design team put on hold the WWTF project for the satellite market as the LGU is set to reconstruct their main public market and commercial center. It is sourcing funds for the public market which is estimated to reach Php200 million (USD4,166,667). This includes the wastewater treatment system.
- The initial design of the wastewater treatment facility for the tourism complex of Loboc and the common commissary for the floating restaurants (Loboc River cruises) has been completed. The Loboc LGU has already committed to immediately allocate Php160,000 (USD3,333) to start project implementation. The LGU reset the launch of this program (together with SWM) to July 2009.
- The initial design of the wastewater treatment facility for the coastal community near the pier in Maribojoc is being revised to include a secondary treatment facility. The DENR/EMB-Region 7 has advised the LGU not to use the existing natural wetland or mangrove area for secondary treatment, but only for polishing the effluent. BEMO and EcoGov will assist in the revisions.
- Maribojoc has allocated budget for the construction of a wastewater treatment facility for its abattoir. The design is expected to be completed next quarter; construction will start within the year.

### **Municipal Investments Accomplishments – Mindanao**

- The grant proposal from COWHED of Lake Sebu for the establishment of communal septic tanks and establishment/improvement of toilet facilities for about 40 households was approved and awarded by EcoGov last June 17, 2009. Immediately after the award of the grant, the PLGU of South Cotabato approved the release of funds for the procurement of construction materials for the toilets that will be connected to the septic tanks. The provincial, municipal and barangay LGUs as well as COWHED, the grantee, committed to provide counterpart funding amounting to Php191,360.00 (USD3,987).
- Digos City has completed the engineering design of the WWTF for its public market. This is estimated to cost Php6 million (USD125,000) to construct. The project proposal has been presented to the Office of the City Economic Enterprise Mgt (OCEEM) for inclusion in the loan package that is being prepared by them.
- Samal City has completed the design of a new WWTF for its existing slaughterhouse which has an approved initial budget of Php250,000 (USD5,208). The estimated cost for the project is Php1.8 million (USD37,500). The City ENRO has already submitted a proposal for the project's inclusion in the third 2009 supplemental budget and in the 20% Development Fund for 2010. In addition to the above, the LGU also designed WWTFs for the two Coastal Parks which are to be constructed in Barangays Babak and Peñaplata in collaboration with BFAR. Each WWTF will also service the adjacent public market of the barangay. The proposed facilities have an estimated cost of Php6.5 million (USD135,417). The project proposal was already submitted for

funding support to the Congressional Office, which has previously allotted Php10 million (USD208,333) budget for the establishment of the WWTFs.

- The City ENRO of Panabo City is ready to submit to its Local Finance Committee the funding proposal (Php550,000 or USD11,458)) and the completed engineering design of the proposed new WWTF for the Panabo Premium Public Market. The proposed funding for this is expected to be included in the 2010 budget.
- Four LGUs along Davao Gulf (the cities of Tagum, Samal, Panabo and Digos), and Kidapawan City and Koronadal City continued to work on their draft ordinance on septage management. EcoGov reviewed the draft of Samal City and have provided them with comments. These LGUs are expected to complete their draft ordinances with the concerned SP members and submit them for deliberation and enactment within the next quarter.
- With the recent commissioning of the Malalag STF, Digos City has expressed interest to use the facility for the treatment of sludge taken out from septic tanks of houses and establishments in the city. EcoGov is facilitating the discussion between the two LGUs and has drafted an MOU which outlines the actions to be taken by each LGU leading to a more specific agreement or contract. The draft MOU is being reviewed by both parties. Meanwhile, Malalag has intensified its information campaign on its septage management program. It has requested EcoGov's assistance in completing its STF cost and revenue analysis as it intends to revise its fees to include tipping fees from private desludgers based in Digos City.
- EcoGov also facilitated the meeting between senior staff of Alabel and Gen. Santos City LGUs to discuss the content of a draft MOA for the desludging and treatment of septage from septic tanks of all city government buildings and facilities by the Alabel LGU. This agreement will serve as the first step to a bigger septage management and sanitation program that Gen. Santos will implement upon completion and approval of its city-wide sanitation plan which is being prepared with assistance from Sustainable Sanitation in East Asia (SuSEA) Project.<sup>4</sup> The signing of the MOA and the approval of the budget allocation for its implementation is expected next quarter.
- The construction status of the WWTF for the slaughter house of Koronadal City remained at 90% as the release of funds needed to complete the facility was delayed. The City however completed the concept design for the WWTF of its public market. This will be submitted to the Local Finance Committee for funding allocation.

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<sup>4</sup> SuSEA Philippines seeks to improve institutional capacity of national and selected local government agencies and service providers and develop appropriate policies, services, and interventions to improve access to sanitation in a selected range from rural and urban areas to river basin scope. It is funded through the World Bank Water and Sanitation Program for East Asia and Pacific (WSP-EAP).

- The WWTF for the public market of Polomolok is likewise 90% complete. Completion was also delayed by the non-release of funds. The Polomolok design team finished the concept design for the retrofitting of the WWTF of its slaughterhouse.
- Kidapawan City completed the concept design for the WWTF of its housing project. The project was presented to the City ENRO for approval before it will be submitted to the Mayor for funding allocation.

### ***c. Implementation Problems and Proposed Solutions***

- Funding delays held back the actual implementation of at least two WWTFs and the completion of another 2 WWTFs. The WWTFs of the public market of Gen. Santos City and the slaughterhouse of Tacurong City were among the first projects with completed engineering designs but the LGUs have yet to release the funds committed for their implementation. This will require continued follow up by the EcoGov team and possibly notices from DENR EMB regarding the discharge of untreated wastewater.
- There is a noticeable absence of monitoring of the facilities during and after the construction phase to make sure that design specifications are being followed strictly and that the facilities work as designed when completed. The DENR and PLGUs have very limited capability to undertake this task thus will require some training and mentoring from EcoGov specialists. Other interested groups (e.g., Pollution Control Association of the Philippines, Inc) may be tapped to participate in this activity.
- Permitting requirements of DENR are not well understood and given little attention by LGUs. EcoGov will take steps to ensure that these requirements are complied with. This will involve collaboration with the DENR EMB to make sure that LGUs fully understand the conditionalities of ECCs issued, including monitoring and reporting requirements.

### **d. Objectives for Next Quarter**

- Eight LGUs meet agreed criteria for investments in sanitation.
- The construction of three WWM facilities is completed.
- Quality control of all completed engineering designs and completion of requirements for needed permits and clearances; compendium of completed designs.
- Agreements between Alabel and GenSan City and between Malalag and Digos City are signed.

## 2.6 Management and Administration

### a. Expected Outputs for the Quarter

The outputs for this quarter are presented in the Table below:

**Table 8. Management and Administration Objectives and Activities Y5Q3**

<i>Objectives and Activities</i>	<i>Status/Remarks</i>
<ul style="list-style-type: none"> <li>Attend DAI Home Office training and orientation in Bethesda (c/o new COP, Arunkumar Abraham). A comprehensive program was developed which covered USAID contracting policies, budgeting and financial analyses, DAI internal control policies and guidelines, project and knowledge management, communications and information tools and methods, geographic information systems, human resources, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Submit response to the USAID/OEE Comments on Years 6 and 7 Work Plan from DAI-EcoGov2 management.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Finalize the EcoGov2 project budget realignment by May 2009, based on USAID clarifications on the budget submitted for the proposed Option Period.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Review and update the EcoGov2 Security Policy to ensure alignment with US State Department and USAID advisories, with DAI Home Office's guidance.</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>Create a project-wide Management Committee that will guide EcoGov2 into the proposed Option Period.</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>Identify opportunities to develop, promote and co-finance cross-visits with EcoGov2 partners and stakeholders in order to promote learning and knowledge sharing.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Finalize SOW, seek USAID approval and engage Edward Lim as AI Khalifa Advocacy Coordinator. He will be based in Zamboanga City and lead the implementation of a priority work plan to promote the development and adoption of the AI Khalifa Muslim environmental sourcebook. This work hopes to integrate the AI Khalifa principles into local policies, programs and activities in Western and Southern Central Mindanao and ARMM.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Assign Southern and Central Mindanao Regional Coordinator Fer Esguerra to manage remaining activities in Western Mindanao</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Relocate AP for IEC Flor Bartulaba in General Santos City. She will promote the practice of transparency, accountability and participatory decision-making in Southern and Central Mindanao, as well as encourage other LGUs not covered by EcoGov2 assistance to do the same.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Develop SOW for DAI Home Office-based Project Coordinator Daniel Macri. He will provide technical support on a range of administrative matters such as preparing the Pagadian Phase Out Plan, revising the EcoGov2 operations policy manual, streamlining personnel performance evaluation instruments and employment agreements as well as installing and testing DAI's new field-level financial accounting system.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Submit a Pagadian Phase Out Plan for USAID approval and begin closing down the Pagadian regional office.</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>
<ul style="list-style-type: none"> <li>Prepare the Vehicle Disposition Plan for USAID approval.</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>
<ul style="list-style-type: none"> <li>Engage a Communications Specialist for the EcoGov project, who will focus on design, development and distribution of knowledge products.</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> </ul>

<i>Objectives and Activities</i>	<i>Status/Remarks</i>
<ul style="list-style-type: none"> <li>Engage a CRM-AP technical staff to work with the CRM Coordinator in Western Mindanao.</li> </ul>	<ul style="list-style-type: none"> <li><i>Ongoing</i></li> </ul>
<ul style="list-style-type: none"> <li>Collaborate with USAID on its physical inventory count of non-expendable project property in the EcoGov Cebu and Davao City offices.</li> </ul>	<ul style="list-style-type: none"> <li><i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>Close the Camotes Island satellite office sub-lease of the CRM sector.</li> </ul>	<ul style="list-style-type: none"> <li><i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>Visit regions c/o new COP. Activities include consultations with project partners, stakeholders and beneficiaries, participation in key sector-based activities, outreach to new partners, input at regional staff meetings and presentations in key forums.</li> </ul>	<ul style="list-style-type: none"> <li><i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>Transfer Forest Governance Specialist Roger Serrano to Manila and propose revisions to current SOW. Focus will be on completing the Northern Luzon knowledge products and Guided Self-Assessment report of the FFM and GoAd sectors as well as documentation of FFM best practices and approaches for Northern Luzon.</li> </ul>	<ul style="list-style-type: none"> <li><i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>Explore and initiate new strategic alliances, with emphasis on leveraging networks for diffusion of knowledge and co-financing. Opportunities exist with PEMSEA, World Bank PPIAF, Asian Development Bank, GTZ, etc.</li> </ul>	<ul style="list-style-type: none"> <li><i>Ongoing</i></li> </ul>

***b. Accomplishments and Highlights for Y5Q2***

**Project Management**

- On 02 April 2009, the COP participated in a Security Forum jointly held by USAID and the US State Department, with participation of the Philippines National Police (PNP). The forum provided information and updates on project security protocols and practices, particularly in Mindanao, and permitted various projects to express concerns and receive feedback on issues specific to their circumstances. Subsequent to this, EcoGov undertook the following:
  - review of project security plan and identification of key areas for modification/update
  - distribution of literature and security-related contact information to senior management
  - additional consultation between the COP and USAID Executive Officer, Diane Moore on 08 May 2009
  - briefing and update by the COP at the EcoGov Management Committee meeting (27 April 2009), and in the regional offices (Cebu City, 30 April 2009; and General Santos City, 26 May 2009)
- The COP completed the orientation in DAI Bethesda offices between 06 and 10 April 2009.

- The EcoGov Management Committee met on 27 April 2009 in Manila. The meeting covered security, technical and work plan progress, financial and administrative issues and concerns.
- Submission of the Western Mindanao Phase Out Plan to USAID. The technical activities that needed to be finalized, action plans of administration and finance on personnel, inventory, contracts, records and files, invoice payments, and bank closure were accounted for.
- Extension of the LTTA employment contracts of Melissa Sapdoy (Senior Environmental Engineer), Casimiro Olvida (Regional FFM Specialist), Trina Isorena (GIS Specialist), and Maria Fe Portigo (Regional CRM Specialist) till Sept. 2009. Their revised SOWs were necessary to meet the contractual obligations for the EcoGov2 Base Period.
- Extension of the STTA contract of Wilman Pollisco until Sept. 2009. He will complete a manual on forest law enforcement and assist in the drafting of the Provincial Environmental Code for Sarangani Province. USAID has approved his 12 LOE working days.
- Two competitions were held. The first was a competition for Western Mindanao CRM Assisting Professional, and the second for a Communications Specialist. Following a short-listing, two applicants for the CRM-AP position were interviewed. Negotiation with the top candidate is in progress. Two candidates for the Communications Specialist position were short-listed and interviewed. EcoGov senior management felt that both candidates offered different, but important sets of skills, and decided to create two STTA positions — a Knowledge Management Specialist and a Multimedia and Advocacy Specialist. The SOWs for both were approved by the COTR.
- EcoGov administration worked with USAID on its physical inventory check of all non-expendable project property at the EcoGov2 offices in Cebu and Davao City. EcoGov2 was cited for regularly updating its commodity inventory, an indicator of its efficient internal control system, putting the project at “low risk level.”
- EcoGov facilitated closing of the Camotes Island sub-office, with lease contract agreements of the General Santos City regional office and its satellite office in Davao City extended.

### **Small Grants Program**

- Ecogov awarded one grant worth Php 460,000 (USD 9,583) to a women’s group in Lake Sebu, South Cotabato to support wastewater management activities. The grantee, the Cooperative of Women in Health and Development (COWHED), will construct communal septic tanks and leach fields to treat wastewater generated by at least 40 households. This project will reduce the volume of raw sewage dumped

directly to a critical lake in the area. The Province of South Cotabato and the Municipality of Lake Sebu provided counterpart funds for this project.

- The grant to GenSan City Chamber of Commerce was extended because of two outstanding deliverables. The grantee was able to leverage additional funds from the private sector, which will result to reduced spending by EcoGov. The grant implementation is expected to be completed within the next quarter.
- Two grants were closed out during the quarter, and no new grant applications were received.
- The total number of grants awarded is now 34, with a combined value of Php13.70 million (USD285,417). These grants are distributed across 31 organizations. Of the total amount, Php3.74 million (USD77,917) went to UEM-related activities, Php5.59 million to FFM (USD116,458), Php3.86 million to CRM (USD80,417), and Php513,000 (USD10,688) to IEC/Advocacy.
- More detailed grant information is presented in the tables below.

**Table 9. List of Grants Awarded as of June, 2009**

Sector/Grantees	No. of Grants	Region	Status
<b>FFM</b>			
• Association of Fisherfolk of Davao City, Inc.	1	Southern and Central Mindanao	Completed
• Baguio Village Inter-Cultural Association, Inc	1	Northern Luzon	Completed
• Barangay Unity Key to Integrated Development Multipurpose Cooperative	2	Central Visayas	Completed
• Friends of the Environment for Development and Sustainability, Inc.	1	Northern Luzon	Completed
• Ilomavis-Balabag Ancestral Domain Claim (IBASMADC)	1	Southern and Central Mindanao	Completed
• Institute For Small Farms Industries (ISFI)	1	Southern and Central Mindanao	Completed
• Quirino Tribal Farmers Multipurpose Cooperative	1	Northern Luzon	Completed
• Tiruray Integrated Farmers Association	1	Southern and Central Mindanao	Completed
• Kadikitan Association for Community Development	1	Northern Luzon	Completed
• Dumabel Upland Farmers Association	1	Northern Luzon	Completed
• Danao Atotes Matobato MPC (DAMMUOCO)	1	Central Visayas	Completed
• Tana Ka Katugallan Nit Paa E Apo Sandawa (Association of 4Bs)	1	Southern and Central Mindanao	Completed
• T'boli Falel Community Association, Inc. (TFCAI)	1	Southern and Central Mindanao	Completed
• Banga Farmers and Watershed Development Cooperative	1	Southern and Central Mindanao	Completed
<b>Total Number of Grants for FFM</b>	<b>15</b>		
<b>UEM</b>			
• Gawad Kalinga	1	Western Mindanao	Completed
• Maddela Institute of Technology	1	Northern Luzon	Completed
• Soil and Water Conservation Foundation, Inc.	1	Central Visayas	Completed
• Quirino State College	1	Northern Luzon	Completed
• LIFE Philippines	1	Central Visayas	Completed
• Mindanao State University - Marawi	1	Western Mindanao	Completed
• Notre Dame of Kidapawan College	1	Southern and Central Mindanao	Completed

Sector/Grantees	No. of Grants	Region	Status
• General Santos City Chamber of Commerce and Industry, Inc. (GSCCCI)	1	Southern and Central Mindanao	Current
• Cooperative of Women in Health and Development	1	Southern and Central Mindanao	Current
<b>Total Number of Grants for UEM</b>	<b>9</b>		
<b>CRM</b>			
• Aurora State College of Technology (ASCOT)	1	Northern Luzon	Completed
• Coastal Conservation and Education Foundation, Inc. (CCEF)	1	Central Visayas	Completed
• Philippine Association of Marine Science (PAMS)	1	Other-Manila	Completed
• Pangalaran Environment and Livelihood Association, Inc. (PELA)	1	Western Mindanao	Completed
• Save Davao Gulf Foundation, Inc.	2	Southern and Central Mindanao	Completed Completed
• Silliman University-SUAKCREM	1	Central Visayas	Completed
• Southern Philippines Agri-Business Marine and Aquatic School of Technology	1	Southern and Central Mindanao	Completed
<b>Total Number of Grants for CRM</b>	<b>8</b>		
<b>IEC/Advocacy</b>			
• LIFE Philippines Foundation (Bohol), Inc.	1	Central Visayas	Completed
• Philippine Muslim Women Council	1	Western Mindanao	Completed
<b>Total Number of Grants for IEC/Advocacy</b>	<b>2</b>		
<b>Grand Total</b>	<b>34</b>		

**Table 10. Summary of Grants Disbursements as of June 2009 (by sector)**

Sector	No. of Grants	Approved Amount	Disbursed Amount
FFM	15	5,585,345	5,199,590
UEM	9	3,744,891	3,059,848
CRM	8	3,855,738	3,855,716
IEC/Advocacy	2	513,095	513,096
<b>TOTAL</b>	<b>34</b>	<b>13,699,069</b>	<b>12,628,250</b>

**Table 11. Summary of Grants Disbursements as of June 2009 (by region)**

Region	No. of Grants	Approved Amount	Disbursed Amount
Central Visayas	8	2,905,781	2,839,398
Northern Luzon	8	3,334,779	3,282,257
South-Central Mindanao	13	5,138,589	4,224,331
Western Mindanao	4	1,859,920	1,822,264
Other - Manila	1	460,000	460,000
<b>TOTAL</b>	<b>34</b>	<b>13,699,069</b>	<b>12,628,250</b>

- Major lessons learned during the quarter include the following:
  - A grantee was able to secure additional counterpart funds while implementing their grant project. Succeeding grants should be designed to encourage grantee to continue efforts to secure counterpart funds even when the grant implementation is already ongoing.
  - Grants proposals that involve construction activities require more time to process as these are subjected to an environmental impact assessment.
  - The participation of Local Government Units (LGUs) in grant activities should be pursued more actively. LGU participation facilitates increased leveraging and enhances the sustainability of the grant project. Small local organizations and communities should remain the principal beneficiaries of the grants program, with LGUs acting as major partners.
  - The Grants and Subcontracts Administrator should have regular interactions with grant proponents are all phases in the life cycle of a sub-project. This should also include face to face interactions as necessary, but particularly during monitoring.
- The major objective for the next quarter is the completion of all activities under the grants awarded to the General Santos City Chamber of Commerce and the Cooperative of Women in Health and Development.
- The EcoGov Management Committee will deliberate on the design and scale of a new grant cycle should the Option Period be approved.

#### **Indefinite Quantity Subcontract – Local Service Providers**

- No new contract was issued during the quarter.
- Four task orders were formally closed-out. The final payments for 2 other task orders were withheld pending submission of revised outputs.
- The total value of the 28 tasks orders issued under the IQS mechanism is Php19 million (USD395,833). This amount represents 60% of total ceiling amount for the 12 Local Service Providers under the IQS mechanism. The actual disbursement for the 28 task orders issued is Php16.5 million (USD343,750), which represents 87% of total task order value.
- The FPPO issued to CEST Inc. for the preparation of SLF Designs in Mindanao was modified twice. The first modification was issued to extend the performance period and increase the contract cost to support additional tasks. The second modification was to extend the performance period further. The two extensions were issued to give the LGUs adequate time to complete their outputs and to ensure that the outputs

are technically acceptable. Total disbursement under this FPPO is Php594,000 (USD12,375), which represents 54% of contract cost.

- A Fixed Price Purchase Order (FPPO) for Ateneo School of Government (ASOG) of Ateneo de Manila University (ADMU) is being finalized. This FPPO will fulfill an Ecogov commitment under a Memorandum of Agreement between ADMU, the Province of Lanao del Sur, and Ecogov. Under this FPPO, ASOG will develop course modules to be incorporated to the existing MPM Program of the University, and implement the said modules. The target students for the modified MPM Program are employees of the Province of Lanao del Sur. As stipulated in the MOA, the total value of the FPPO will be Php2.4 million (USD50,000), but will also take into account disbursements already made by Ecogov for related activities.
- Major outputs produced by subcontractors during the quarter include:
  - Final draft of the Quirino Forestry Master Plan
  - Revised draft Mt. Apo Natural Park Management Plan
  - Draft SLF DEDs and Cost Estimates for Duero, Jagna, and Talibon
  - First draft of the SLF DEDs for Isulan, Kiamba, and Surallah
  - Final FGD results for Isabela and Lamitan, Basilan
  - Design for the certificate course for ENROs through Silliman University
- Major lessons learned during the quarter include the following:
  - Longer performance period is needed for contracts involving highly technical scope of work such as SLF DED preparation to ensure quality of outputs and enhancement of LGUs technical capacities.
  - The description of outputs/deliverables for contracts involving preparation of course/module designs needs to be very specific in terms of form and content. This will help ensure that the outputs produced by the contractors meet Ecogov expectation.
- The tables below provide detailed information on the IQS.

**Table 12. List of Local Service Providers (as of June 2009)**

<b>IQS / FPPO Number</b>	<b>Name of Local Service Provider</b>	<b>Sector</b>	<b>No. of Contracts to date</b>
3841-001-06S-001	Friends of the Environment for Development and Sustainability, Inc. (FREND�)	FFM	4
3841-001-06S-002	Coastal Conservation Education Foundation, Inc. (CCEF)	CRM	3
3841-001-06S-003	Mindanao State University of Naawan (MSU-Naawan)	CRM	3
3841-001-06S-004	Solid Waste Management Association of the Philippines (SWAPP)	UEM	3
3841-001-06S-005	Basic Needs Services Philippines, Inc. (BNS)	UEM	1
3841-001-06S-006	Tanggol Kalikasan, Inc. (TK)	CRM	1
3841-001-06S-007	Institute for Small Farms and Industries (ISFI)	FFM UEM	4 1
3841-001-06S-008	Technology Outreach and Community Help Foundation, Inc. (TOUCH)	FFM	2
3841-001-06S-009	Mindanao Integrated Resource Development, Inc. (MIRDI)	GoAd	1
3841-001-06S-010	Cebu Uniting for Sustainable Water Foundation, Inc. (CUSWFI)	GoAd	1
3841-001-06S-011	Salonga Center for Law and Development - Silliman University	GoAd CRM	1 1
3841-001-06S-012	SEA Consultants, Inc. (CSI)	UEM	2
001	CEST, Inc.	UEM	1

**Table 13. Summary of Disbursements for Task Orders and FPPO (as of June 2009)**

<b>Name of Local Service Provider</b>	<b>No. of Task Orders / FPPO</b>	<b>Task Order / FPPO Value</b>	<b>Actual Disbursement</b>
Friends of the Environment for Development and Sustainability, Inc. (FREND�)	4	2,638,927	2,588,238
Coastal Conservation Education Foundation, Inc. (CCEF)	3	2,467,472	2,293,931
Mindanao State University of Naawan (MSU-Naawan)	3	2,004,333	1,834,477
Solid Waste Management Association of the Philippines (SWAPP)	3	1,413,678	1,054,797
Basic Needs Services Philippines, Inc. (BNS)	1	342,320	305,955
Tanggol Kalikasan, Inc. (TK)	1	701,739	589,010
Institute for Small Farms and Industries (ISFI)	5	2,962,666	2,563,556
Technology Outreach and Community Help Foundation, Inc. (TOUCH)	2	2,397,954	2,136,716
Mindanao Integrated Resource Development, Inc. (MIRDI)	1	296,572	179,694
Cebu Uniting for Sustainable Water Foundation, Inc. (CUSWFI)	1	390,897	390,605
Salonga Center for Law and Development - Silliman University	2	2,310,780	1,742,649
SEA Consultants, Inc. (CSI)	2	1,088,350	823,906
CEST, Inc.	1	1,103,796	594,628
<b>TOTAL</b>		<b>20,119,484</b>	<b>17,098,162</b>

- The major objective for the next quarter is the completion and formal closure of the task orders issued to SWAPP and ISFI, and the FPPOs issued to ADMU ASOG and CEST.
- Consultation with the technical sector will be undertaken next quarter to identify priority areas for subcontracting.
- If the Option Period is approved there will be a need to re-consider the mechanism. Subcontracts should be pursued using the FPPO mode. Compared to the IQS mechanism, the FPPO is a more efficient contracting mode as can be performance-based. While FPPOs may require a longer and more complicated process to modify than IQS task orders, such a disadvantage can be managed by preparing a Scope of Work that accurately reflects what is required from contractors, and disbursement schedules that properly match the weight of a specific output with its appropriate value.

### **Project Expenditures**

- After 19 quarters of project execution out of a total planned 20 quarter life of the project, 95 percent of the performance period has elapsed and the project has expended 94 percent of total funds. Accordingly, both in terms of performance cost and schedule, the project is on track. On an individual CLIN basis, the project has slightly underspent in governance and municipal finance sectors; but, has slightly overspent in FFM, CRM and UEM as compared to the approved project budget of November 2004. This reflects opportunistic redirection and re-alignment of funds to the components with greatest needs to achieve targets.

#### ***c. Current Administrative Concerns***

- EcoGov, through the prime contractor, DAI, will propose a Vehicle Disposition Plan to USAID to further improve its cost-effective measures. In the plan, at least two imported US manufactured vehicles of EcoGov's nine project vehicles will be donated to DENR, its local government counterpart.
- A revised version of the EcoGov Operations Manual will need to be developed to guide EcoGov if the Option Period is approved. The manual should align and blend policy and practice that emerge from the US State Department, USAID, DAI, other project-based facilities, and be compliant with local policies, laws and norms. The current manual was published in 2004 and contains 54 modifications.

*d. Objectives for the Next Quarter*

- Continue working with DENR-FASPO and USAID for their concurrence/approval of the Pagadian Disposition Plan.
- Based on the EcoGov2 three criteria for donating or transferring selected project property such as desktop computer set and GPS units, office equipment, furniture and fixtures, namely: (a) use of the item to continue EcoGov2-assisted CRM/FFM/SWM programs and activities; (b) inability of recipient to acquire the item using their own resources; and, (c) readiness and willingness of the recipient to accept and commitment to maintain the item, the plan identified the project property which will be distributed to the following Ecogov2 partners:
  - DENR Region 9 and its regional CMMD and forestry offices.
  - PENROs of Zamboanga del Sur and Zamboanga Sibugay, and CENRO Guipos.
  - Provincial Government of Zamboanga del Sur.
  - Eight MLGUs in Zamboanga del Sur, seven of which are members of the 8-member Illana Bay Regional Alliance or IBRA 9.
  - Three MLGUs in Zamboanga Sibugay, one people's organizations, and a non-governmental organization.
  - EcoGov/Manila and General Santos offices to use for the rest of Year 5 and the option period.
- After the closure of the Western Mindanao Office, some members of the Ecogov2 technical team will remain and continue to provide technical assistance to the LGU and DENR partners in the region until the project ends in September 2009. An Ecogov2 office space at the Provincial Capitol PENRO will be set up to accommodate three project employees with their desks, chairs, cabinets and printer. The proposed arrangement will be finalized.
- Engage the selected STTA Knowledge Products Specialist, Clarissa Militante, to refine EcoGov2's communications and knowledge management strategy for identified audiences. The knowledge products will incorporate good practices and lessons learned with a view to supporting efforts of the PLGUs, MLGUs, DENR and key partners in scaling up and replication of environmental governance and biodiversity conservation.
- Engage as STTA a Multi Media and Advocacy Specialist, Georgina Belardo, to develop multimedia presentations and advocacy materials that focus on capacity-building, scaling up, replication, partnership development, investment promotion and other innovative approaches to promote biodiversity.

- Engage the DAI Home Office Project Coordinator, Daniel Macri, to provide technical support on the updates and revisions to the EcoGov2 policy operations manual which will streamline relevant parts and sections of the original manual in preparation of the option period. A follow up of internal audit recommended areas for improvements; review of the Pagadian technical, administrative and financial closedown activities; and, financial restructuring and simplifying of activity and program support expenses based on budget re-alignment and consolidation.
- Engage the DAI Home Office based in Manila, the Technical and Administrative Management Information Specialist, Tanja Lumba, for the revision, upgrade and maintenance of various Ecogov2 database modules; the improvement of the LOE tracker; and, providing a user specific training on various functionalities, including EcoGov2 database upgrades.
- Engage as STTA, Ms. Ioana Bouvier, Senior Spatial Planning Specialist to provide training and hands-on mentoring to DENR FASPO and other selected DENR offices (e.g., FMB, PAWB, central planning office. (Refer to Section 2.1.)
- Review the deliverable outputs of Forestry Management Specialist, Roger Serrano, and package the completion report of the Northern Luzon knowledge products and the Guided Self-Assessment report of the FFM and GoAd sectors, and the documentation of FFM best practices and approaches for Northern Luzon.
- Review Year 6 and Year 7 work plan in light of proposed EcoGov two-year option period. In consultation with USAID, DENR, NEDA and other partners, refine the achievable milestones and proposed activities.
- Collaborate with USAID on its physical inventory count of non-expendable project property prior to the closure of the EcoGov2 Western Mindanao Pagadian regional office.
- Extend the employment contracts of the remaining project staff of Metro Manila, Central Visayas and South Central Mindanao until 30 Sept. 2009.
- Renegotiate the lease contract agreements of the Manila, Cebu, General Santos offices and its sub-office in Davao City to 30 September 2009.
- Submit the signed bi-annual Commodity Transaction Report (CTR) of EcoGov to USAID.



# Appendices



## APPENDIX 1. NRB AND CPE INDICATORS

Indicators	FY 09		Total as of End of FY 08	Total as of 30 June 2009
	Target	Actual (as of 30 June 2009)		
<b>A. Natural Resources and Biodiversity</b>				
1. Number of hectares under improved natural resource management	64,940	55,280	667,323	722,603
• Marine	13,633	14,368	93,067	107,435
• Terrestrial	51,307	40,912	574,256	615,168
2. Number of hectares in areas of biological significance under improved management	21,215	20,880	238,452	259,332
• Marine	420	524	4,415	4,939
• Terrestrial	20,795	20,356	234,037	254,393
3. Number of hectare in areas of biological significance showing improved biophysical condition	60	0	1,311	1,311
• Marine	60	0	1,311	1,311
4. Number of policies, laws, agreements or regulations (national and local) promoting sustainable NRM and conservation that are implemented	16	18	108	126
• Local	15	18	103	121
• National/Regional (ARMM)	1		5	5
5. Number of people trained in natural resources management and/or biodiversity conservation	350	651	3,617	4,268
• Female	100	177	981	1,158
• Male	250	474	2,636	3,110
<b>B. Clean Productive Environment</b>				
1. Number of pollution and urban environment policies, laws, agreement or regulations implemented	30	12	62	74
• Local	30	12	59	71
• National			3	3
2. Number of people trained in environmental law, enforcement, public participation and cleaner production policies, strategies, skills and techniques	550	472	2,741	3,213
• Female	200	144	1,038	1,182
• Male	350	328	1,703	2,031
<b>C. Water</b>				
1. Number of persons with access to or benefitted by sanitations facilities	110,000	21,180	160,350	181,530

**APPENDIX 2. CHANGE IN SECTORAL AND OVER-ALL ENVIRONMENT GOVERNANCE INDICES AND CATEGORY AMONG LGUS ASSISTED BY ECOGOV**

**APPENDIX 2 TABLE 1. CHANGE IN SECTORAL AND OVER-ALL ENVIRONMENT GOVERNANCE INDICES AND CATEGORY AMONG LGUS ASSISTED BY ECOGOV IN WESTERN MINDANAO (2005, 2007, 2009)**

Province	FFM			CRM			UEM			LIM			Over-all			Change in LGU Category
	Baseline	Mid-term	Final													
<b>Zamboanga del Sur</b>																
Tukuran	0.20	0.47	0.33	0.88	1.00	1.00	0.56	0.50	0.94	0.56	0.67	0.89	0.56	0.67	0.79	C4 to C2 to C1
Dumalinao	0.60	0.73	0.27	0.71	0.88	1.00	0.55	0.50	0.94	0.89	1.00	0.89	0.67	0.75	0.77	C2 to C1 to C1
San Pablo	0.13	0.33	0.60	0.71	0.94	1.00	0.25	0.13	0.94	0.88	0.78	1.00	0.46	0.53	0.88	C2 to C4 to C1
Labangan	1.00	0.60	0.47	0.82	0.94	1.00	0.50	0.25	0.56	0.89	0.67	0.67	0.78	0.61	0.68	C1 to C2 to C2
Zamboanga City	0.93	0.93	1.00	1.00	1.00	1.00	0.94	1.00	1.00	1.00	1.00	1.00	0.96	0.98	1.00	C1 to C1 to C1
Tabina	0.47	0.80	0.33	1.00	1.00	1.00	0.88	0.81	0.38	0.89	1.00	1.00	0.81	0.89	0.56	C1 to C1 to C4
Pagadian City	0.67	0.80	0.47	0.82	0.94	0.82	0.63	0.56	0.38	0.89	1.00	0.56	0.74	0.81	0.56	C2 to C1 to C4
Dimataling	0.27	0.20	0.40	0.94	0.63	1.00	0.63	0.38	0.81	0.78	1.00	1.00	0.65	0.60	0.79	C4 to C4 to C1
Dinas	0.13	0.47	0.67	1.00	0.94	1.00	0.19	0.69	0.75	0.89	0.89	0.89	0.53	0.74	0.82	C4 to C2 to C1
<b>Mean</b>	<b>0.49</b>	<b>0.59</b>	<b>0.50</b>	<b>0.88</b>	<b>0.92</b>	<b>0.98</b>	<b>0.57</b>	<b>0.54</b>	<b>0.74</b>	<b>0.85</b>	<b>0.89</b>	<b>0.78</b>	<b>0.68</b>	<b>0.73</b>	<b>0.76</b>	
<b>Zamboanga Sibugay</b>																
Tungawan	0.67	0.86	0.60	0.94	0.94	1.00	0.38	0.56	0.81	1.00	0.78	1.00	0.74	0.79	0.84	C4 to C1 to C1
RT Lim	0.27	0.60	0.40	0.94	0.88	0.94	0.25	0.25	0.56	0.67	0.67	0.78	0.53	0.60	0.67	C4 to C4 to C2
<b>Mean</b>	<b>0.47</b>	<b>0.73</b>	<b>0.50</b>	<b>0.94</b>	<b>0.91</b>	<b>0.97</b>	<b>0.32</b>	<b>0.41</b>	<b>0.69</b>	<b>0.84</b>	<b>0.73</b>	<b>0.53</b>	<b>0.64</b>	<b>0.70</b>	<b>0.69</b>	
<b>Basilan</b>																
Isabela City	0.53	0.60	0.93	0.24	0.82	0.71	0.81	0.94	0.88	0.67	0.56	0.71	0.54	0.75	0.82	C4 to C1 to C1
Lamitan	0.60	0.47	0.87	0.00	0.59	0.94	0.56	0.44	0.94	0.33	0.33	0.94	0.37	0.47	0.92	C3 to C2 to C1
<b>Mean</b>	<b>0.57</b>	<b>0.54</b>	<b>0.90</b>	<b>0.12</b>	<b>0.71</b>	<b>0.83</b>	<b>0.69</b>	<b>0.69</b>	<b>0.91</b>	<b>0.50</b>	<b>0.45</b>	<b>0.83</b>	<b>0.46</b>	<b>0.61</b>	<b>0.87</b>	
<b>Over-All Mean</b>	<b>0.50</b>	<b>0.60</b>	<b>0.58</b>	<b>0.77</b>	<b>0.88</b>	<b>0.95</b>	<b>0.55</b>	<b>0.54</b>	<b>0.74</b>	<b>0.80</b>	<b>0.80</b>	<b>0.62</b>	<b>0.64</b>	<b>0.71</b>	<b>0.76</b>	

**APPENDIX 2 TABLE 2. CHANGE IN SECTORAL AND OVER-ALL ENVIRONMENT GOVERNANCE INDICES AMONG LGUs ASSISTED BY ECOGOV IN CENTRAL VISAYAS (2005, 2007, 2009)**

Province	Forest and Forestland Management (FFM) Index			Coastal Resource Management (CRM) Index			Urban Environmental Management (UEM) Index			LGU Internal Management Practices (LIM) Index			Over-all /Cross-Sector Index			Change in LGU Index Category
	Baseline	Mid-term	Final	Baseline	Mid-term	Final	Baseline	Mid-Term	Final	Baseline	Mid-Term	Final	Baseline	Mid-term	Final	
<b>Cebu</b>																
Pilar	N/A	0.27	0.93	0.82	1.00	1.00	0.38	0.38	0.75	0.56	0.67	1.00	0.60	0.58	0.91	C4 to C4 to C1
Poro	0.20	0.53	1.00	0.88	0.88	1.00	0.25	0.25	0.63	0.89	0.78	1.00	0.53	0.60	0.89	C4 to C4 to C1
Toledo City	0.47	0.87	1.00	1.00	1.00	1.00	0.69	0.75	1.00	0.78	0.89	0.89	0.74	0.88	0.98	C2 to C1 to C1
Alcoy	0.93	0.93	1.00	0.88	1.00	0.94	0.69	0.63	0.88	0.44	1.00	0.78	0.77	0.88	0.91	C1 to C1 to C1
Compostela	0.60	0.20	0.60	0.65	0.88	0.82	0.94	1.00	1.00	0.67	0.89	1.00	0.72	0.74	0.84	C2 to C4 to C1
Balamban	0.47	0.67	0.80	0.71	0.88	1.00	0.75	0.94	1.00	0.44	0.67	0.78	0.61	0.81	0.91	C2 to C1 to C1
San Francisco	0.53	0.53	0.80	0.88	1.00	1.00	0.88	0.75	1.00	0.78	0.67	0.89	0.77	0.75	0.93	C1 to C1 to C1
Dalaguete	1.00	1.00	1.00	1.00	1.00	1.00	0.88	0.81	1.00	0.78	1.00	1.00	0.96	0.95	1.00	C1 to C1 to C1
Tudela	0.20	0.27	0.60	0.82	1.00	1.00	0.13	0.56	0.81	0.56	0.78	0.78	0.42	0.65	0.81	C4 to C4 to C1
Moalboal	N/A	0.53	0.53	N/A	0.88	0.88	N/A	0.81	1.00	N/A	0.67	0.78	N/A	0.74	0.81	C2 to C1
Carmen	0.67	0.47	0.73	0.94	1.00	1.00	0.25	0.19	0.81	0.89	0.89	0.89	0.68	0.61	0.88	C4 to C4 to C1
Danao City	0.13	0.87	0.87	0.88	1.00	1.00	0.75	1.00	1.00	0.89	0.78	1.00	0.65	0.93	0.96	C4 to C1 to C1
<b>Mean</b>	<b>0.52</b>	<b>0.57</b>	<b>0.74</b>	<b>0.79</b>	<b>0.88</b>	<b>0.89</b>	<b>0.56</b>	<b>0.64</b>	<b>0.84</b>	<b>0.65</b>	<b>0.75</b>	<b>0.82</b>	<b>0.62</b>	<b>0.71</b>	<b>0.83</b>	
<b>Bohol</b>																
Talibon	1.00	1.00	1.00	0.88	1.00	1.00	0.31	0.94	1.00	0.56	1.00	1.00	0.70	0.98	1.00	C2 to C1 to C1
Panglao	NA	NA	NA	0.59	0.71	0.82	0.75	0.69	0.88	0.22	0.67	0.67	0.57	0.69	0.81	C4 to C2 to C1
San Miguel	0.87	1.00	1.00	NA	NA	NA	0.31	0.63	0.88	0.67	0.89	1.00	0.60	0.80	0.95	C4 to C1 to C1
Maribojoc	0.80	0.87	0.93	1.00	1.00	1.00	0.69	1.00	1.00	0.78	1.00	1.00	0.82	0.96	0.98	C1 to C1 to C1
Cortes	0.53	0.80	0.80	0.47	0.71	1.00	0.69	1.00	1.00	0.44	0.67	0.78	0.54	0.81	0.91	C2 to C1 to C1
Jagna	0.67	0.80	0.87	0.71	0.71	1.00	1.00	1.00	1.00	0.89	0.89	1.00	0.81	0.84	0.96	C1 to C1 to C1
Corella	0.40	0.33	0.93	NA	NA	NA	0.56	0.81	0.88	0.67	0.56	0.78	0.53	0.58	0.88	C2 to C4

Province	Forest and Forestland Management (FFM) Index			Coastal Resource Management (CRM) Index			Urban Environmental Management (UEM) Index			LGU Internal Management Practices (LIM) Index			Over-all /Cross-Sector Index			Change in LGU Index Category
	Baseline	Mid-term	Final	Baseline	Mid-term	Final	Baseline	Mid-Term	Final	Baseline	Mid-Term	Final	Baseline	Mid-term	Final	
Duero	0.47	0.60	0.73	0.88	0.94	1.00	0.50	0.81	1.00	0.56	0.67	1.00	0.61	0.77	0.93	C2 to C1 to C1
Dauis	NA	NA	NA	0.53	0.82	0.88	0.50	0.81	1.00	0.56	0.56	0.78	0.52	0.76	0.90	C2 to C1 to C1
<b>Mean</b>	<b>0.68</b>	<b>0.77</b>	<b>0.89</b>	<b>0.72</b>	<b>0.84</b>	<b>0.96</b>	<b>0.59</b>	<b>0.85</b>	<b>0.96</b>	<b>0.59</b>	<b>0.77</b>	<b>0.89</b>	<b>0.63</b>	<b>0.80</b>	<b>0.92</b>	
<b>Siquijor</b>																
Lazi	N/A	0.40	0.87	N/A	1.00	1.00	N/A	0.75	1.00	N/A	0.67	0.78	N/A	0.72	0.93	C2 to C1
Siquijor	N/A	0.67	0.80	N/A	1.00	1.00	N/A	0.75	0.94	N/A	0.67	0.78	N/A	0.79	0.89	C1 to C1
<b>Mean</b>	<b>N/A</b>	<b>0.54</b>	<b>0.84</b>	<b>N/A</b>	<b>1.00</b>	<b>1.00</b>	<b>N/A</b>	<b>0.75</b>	<b>0.97</b>	<b>N/A</b>	<b>0.67</b>	<b>0.78</b>	<b>N/A</b>	<b>0.76</b>	<b>0.91</b>	
<b>Negros Oriental</b>																
Dauin	1.00	0.67	1.00	1.00	1.00	1.00	0.81	0.81	1.00	0.67	0.89	1.00	0.89	0.84	1.00	C1 to C1 to C1
Bais City	0.93	0.80	1.00	0.29	0.94	0.94	0.69	0.88	1.00	0.67	0.67	1.00	0.63	0.84	0.98	C4 to C1 to C1
Bayawan City	0.87	1.00	1.00	1.00	1.00	1.00	0.94	1.00	1.00	0.67	1.00	1.00	0.89	1.00	1.00	C1 to C1 to C1
San Jose	0.33	0.67	0.87	1.00	0.94	1.00	0.94	0.88	1.00	0.89	1.00	1.00	0.79	0.86	0.96	C1 to C1 to C1
La Libertad	1.00	1.00	1.00	0.76	1.00	1.00	0.25	0.56	0.88	0.67	0.78	1.00	0.67	0.84	0.96	C4 to C1 to C1
Amlan	0.33	0.73	0.93	0.88	0.94	1.00	0.63	0.81	0.88	0.78	0.78	1.00	0.65	0.82	0.95	C4 to C1 to C1
Sta. Catalina	0.47	0.93	1.00	0.88	0.94	0.94	0.63	0.50	1.00	0.67	1.00	1.00	0.67	0.82	0.98	C2 to C1 to C1
Tanjay	1.00	0.73	0.87	1.00	1.00	0.94	0.44	0.50	0.88	0.56	0.67	0.78	0.77	0.74	0.88	C1 to C2 to C1
Bindoy	N/A	0.67	1.00	N/A	0.76	0.94	N/A	0.44	0.94	N/A	0.56	0.89	N/A	0.61	0.95	C2 to C1
Ayungon	N/A	0.53	1.00	N/A	0.65	1.00	N/A	0.27	0.75	N/A	0.78	0.67	N/A	0.53	0.88	C4 to C1
<b>Mean</b>	<b>0.74</b>	<b>0.77</b>	<b>0.97</b>	<b>0.85</b>	<b>0.92</b>	<b>0.98</b>	<b>0.67</b>	<b>0.67</b>	<b>0.93</b>	<b>0.70</b>	<b>0.81</b>	<b>0.93</b>	<b>0.75</b>	<b>0.79</b>	<b>0.95</b>	
<b>Regional Mean</b>	<b>0.63</b>	<b>0.68</b>	<b>0.86</b>	<b>0.79</b>	<b>0.89</b>	<b>0.94</b>	<b>0.53</b>	<b>0.71</b>	<b>0.91</b>	<b>0.64</b>	<b>0.77</b>	<b>0.87</b>	<b>0.66</b>	<b>0.76</b>	<b>0.90</b>	

**APPENDIX 2 TABLE 3. CHANGE IN SECTORAL AND OVER-ALL ENVIRONMENT GOVERNANCE INDICES AND CATEGORY AMONG LGUs ASSISTED BY ECOGOV IN NORTHERN LUZON (2005, 2007, 2009)**

Province	Forest and Forestland Management (FFM) Index			Coastal Resource Management (CRM) Index			Urban Environmental Management (UEM) Index			LGU Internal Management Practices (LIM) Index			Over-all /Cross-Sector Index			Change in LGU Category
	Baseline (2005)	Mid-term (2007)	Semi-Final (2009)	Baseline (2005)	Mid-term (2007)	Semi-Final (2009)	Baseline (2005)	Mid-Term (2007)	Semi-Final (2009)	Baseline (2005)	Mid-Term (2007)	Semi-Final (2009)	Baseline (2005)	Mid-term (2007)	Semi-Final (2009)	
<b>Nueva Vizcaya (8)</b>																
Bayombong	0.13	0.27	0.40	NA	NA	NA	0.88	1.00	1.00	0.78	1.00	0.89	0.58	0.73	0.75	C4 to C4 to C1
Solano	0.27	0.27	0.60	NA	NA	NA	0.69	0.88	1.00	0.67	0.89	1.00	0.53	0.65	0.85	C2 to C4 to C1
Bagabag	0.20	0.07	0.93	NA	NA	NA	0.38	0.94	0.94	0.67	0.89	0.78	0.38	0.60	0.90	C3 to C4 to C1
Dupax Sur	0.20	0.87	0.93	NA	NA	NA	0.25	0.81	0.88	0.67	0.44	0.67	0.33	0.75	0.85	C3 to C1 to C1
Dupax del Norte	0.47	0.53	0.67	NA	NA	NA	0.56	0.81	0.81	0.78	1.00	1.00	0.58	0.75	0.80	C2 to C1 to C1
Quezon	0.27	0.87	1.00	NA	NA	NA	0.31	0.56	0.69	0.44	0.56	1.00	0.33	0.67	0.88	C3 to C2 to C1
Bambang	0.20	0.40	0.73	NA	NA	NA	0.88	0.94	0.94	0.78	1.00	0.89	0.60	0.75	0.85	C4 to C1 to C1
Aritao	0.33	0.73	0.87	NA	NA	NA	0.50	0.75	1.00	0.67	0.89	0.78	0.48	0.78	0.90	C2 to C1 to C1
<b>Mean</b>	<b>0.26</b>	<b>0.50</b>	0.77	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.56</b>	<b>0.84</b>	0.91	<b>0.68</b>	<b>0.83</b>	0.88	<b>0.48</b>	<b>0.71</b>	0.85	
<b>Aurora (5)</b>																
Baler	0.67	0.60	0.53	0.82	0.82	0.94	0.50	0.81	1.00	0.67	0.78	0.89	0.67	0.75	0.84	C2 to C1 to C1
Dipaculao	0.40	0.07	0.20	0.65	1.00	1.00	0.44	0.63	0.63	0.67	0.67	0.78	0.53	0.60	0.65	C2 to C4 to C4
Dinalungan	0.71	0.93	0.93	1.00	1.00	1.00	0.75	0.75	0.81	0.56	0.67	0.67	0.79	0.86	0.88	C1 to C1 to C1
San Luis	0.33	0.33	0.67	0.82	0.94	1.00	0.50	0.56	0.88	0.89	1.00	1.00	0.61	0.68	0.90	C4 to C4 to C1
Maria Aurora	0.47	0.53	0.87	NA	NA	NA	0.63	0.81	1.00	0.56	0.78	0.78	0.55	0.70	0.95	C2 to C2 to C1
<b>Mean</b>	<b>0.52</b>	<b>0.49</b>	0.64	<b>0.82</b>	<b>0.94</b>	0.99	<b>0.56</b>	<b>0.71</b>	0.86	<b>0.67</b>	<b>0.78</b>	0.82	<b>0.63</b>	<b>0.72</b>	0.84	
<b>Quirino (5)</b>																
Diffun	0.47	0.93	1.00	NA	NA	NA	0.75	0.94	0.94	0.56	0.78	0.89	0.60	0.88	0.95	C2 to C1 to C1
Nagtipunan	0.33	0.80	1.00	NA	NA	NA	0.38	0.81	0.88	0.22	0.78	1.00	0.33	0.80	0.95	C3 to C1 to C1
Maddela	0.07	0.80	0.93	NA	NA	NA	0.25	0.94	1.00	0.67	0.89	0.89	0.28	0.88	0.95	C3 to C1 to C1

Province	Forest and Forestland Management (FFM) Index			Coastal Resource Management (CRM) Index			Urban Environmental Management (UEM) Index			LGU Internal Management Practices (LIM) Index			Over-all /Cross-Sector Index			Change in LGU Category
	Baseline (2005)	Mid-term (2007)	Semi-Final (2009)	Baseline (2005)	Mid-term (2007)	Semi-Final (2009)	Baseline (2005)	Mid-Term (2007)	Semi-Final (2009)	Baseline (2005)	Mid-Term (2007)	Semi-Final (2009)	Baseline (2005)	Mid-term (2007)	Semi-Final (2009)	
Aglipay	0.60	0.80	0.93	NA	NA	NA	0.25	0.50	0.88	0.22	0.67	0.67	0.38	0.65	0.85	C3 to C2 to C1
Cabarroguis	0.60	0.93	1.00	NA	NA	NA	0.44	0.88	0.88	0.44	0.78	0.89	0.50	0.88	0.93	C2 to C1 to C1
<b>Mean</b>	<b>0.41</b>	<b>0.85</b>	0.97	<b>NA</b>	<b>NA</b>	NA	<b>0.41</b>	<b>0.81</b>	0.92	<b>0.42</b>	<b>0.78</b>	0.86	<b>0.42</b>	<b>0.82</b>	0.93	
<b>Isabela (1)</b>																
Cauayan City	NA	NA	NA	NA	NA	NA	0.81	1.00	0.94	0.78	1.00	1.00	0.80	1.00	0.96	C1 to C1 to C1
<b>Over-All Mean</b>	<b>0.37</b>	<b>0.60</b>	0.70	<b>0.82</b>	<b>0.94</b>	0.99	<b>0.53</b>	<b>0.81</b>	0.90	<b>0.62</b>	<b>0.81</b>	0.87	<b>0.52</b>	<b>0.76</b>	0.87	

**APPENDIX 2 TABLE 4. CHANGE IN SECTORAL AND OVER-ALL ENVIRONMENT GOVERNANCE INDICES AND CATEGORY AMONG LGUs ASSISTED BY ECOGOV IN SOUTH AND CENTRAL MINDANAO (2005, 2007, 2009)**

Province	Forest and Forestland Management (FFM) Index			Coastal Resource Management (CRM) Index			Urban Environmental Management (UEM) Index			LGU Internal Management Practices (LIM) Index			Over-all/Cross-Sector Index			Change in LGU Category
	Baseline	Mid-term	Final	Baseline	Mid-term	Final	Baseline	Mid-Term	Final	Baseline	Mid-Term	Final	Baseline	Mid-term	Final	
<b>Sultan Kudarat</b>																
Isulan	0.00	0.13	0.80	NA	NA	NA	0.63	0.88	0.88	0.89	0.67	0.89	0.43	0.55	0.85	C2 to C4 to C1
Lebak	0.87	1.00	1.00	0.82	0.94	1.00	0.50	0.75	0.94	0.78	0.78	0.78	0.74	0.88	0.95	C2 to C1
Sen. Ninoy Aquino	N/A	0.80	1.00	N/A	NA	NA	NA	0.44	0.44	N/A	1.00	1.00	N/A	0.70	0.95	C2 to C1
Kalamansig	0.80	0.87	1.00	0.88	0.94	1.00	0.19	0.75	1.00	0.67	0.78	1.00	0.63	0.84	1.00	C4 to C1 to C1
Bagumbayan	N/A	0.47	1.00	NA	NA	NA	N/A	0.44	0.56	N/A	0.89	0.89	N/A	0.55	0.80	C2 to C1
<b>Mean</b>	<b>0.56</b>	<b>0.65</b>	<b>0.96</b>	<b>0.85</b>	<b>0.94</b>	<b>1.00</b>	<b>0.44</b>	<b>0.65</b>	<b>0.76</b>	<b>0.78</b>	<b>0.82</b>	<b>0.91</b>	<b>0.60</b>	<b>0.70</b>	<b>0.91</b>	
<b>South Cotabato</b>																
Koronadal City	0.53	0.73	0.93	NA	NA	NA	0.75	0.94	1.00	1.00	0.89	1.00	0.78	0.85	0.98	C1 to C1 to C1
Tacurong City	0.07	N/A	NA	NA	NA	NA	0.75	0.81	1.00	0.67	0.67	1.00	0.48	0.76	1.00	C2 to C1 to C1
Polomolok	0.73	0.93	0.93	NA	NA	NA	0.94	0.94	1.00	0.89	0.78	1.00	0.85	0.90	0.98	C1 to C1 to C1
Tampakan	N/A	0.80	1.00	NA	NA	NA	N/A	1.00	1.00	N/A	0.78	1.00	N/A	0.88	1.00	C1 to C1
Surallah	0.27	0.27	0.27	NA	NA	NA	0.75	0.75	1.00	0.67	0.56	1.00	0.55	0.53	0.93	C2 to C2 to C1
Tupi	0.47	0.80	1.00	NA	NA	NA	0.94	0.88	0.94	0.89	0.89	1.00	0.75	0.85	0.98	C2 to C1 to C1
Tboli	0.80	0.67	1.00	NA	NA	NA	0.81	0.63	1.00	0.67	0.78	1.00	0.78	0.68	1.00	C1 to C2 to C1
General Santos City	0.93	1.00	1.00	0.94	0.94	0.94	1.00	1.00	1.00	1.00	0.89	1.00	0.96	0.96	1.00	C1 to C1 to C1
<b>Mean</b>	<b>0.54</b>	<b>0.74</b>	<b>0.88</b>	<b>0.94</b>	<b>0.94</b>	<b>0.94</b>	<b>0.85</b>	<b>0.87</b>	<b>0.99</b>	<b>0.83</b>	<b>0.78</b>	<b>1.00</b>	<b>0.74</b>	<b>0.80</b>	<b>0.98</b>	
<b>North Cotabato</b>																
Kidapawan City	0.93	0.87	1.00	NA	NA	NA	0.56	0.88	1.00	0.67	0.56	0.89	0.73	0.80	0.98	C2 to C1 to C1
Makilala	0.93	1.00	1.00	NA	NA	NA	0.38	0.44	0.81	0.56	0.67	0.89	0.63	0.70	0.90	C4 to C2 to C1

Province	Forest and Forestland Management (FFM) Index			Coastal Resource Management (CRM) Index			Urban Environmental Management (UEM) Index			LGU Internal Management Practices (LIM) Index			Over-all/Cross-Sector Index			Change in LGU Category
	Baseline	Mid-term	Final	Baseline	Mid-term	Final	Baseline	Mid-Term	Final	Baseline	Mid-Term	Final	Baseline	Mid-term	Final	
<b>Mean</b>	<b>0.93</b>	<b>0.94</b>	<b>1.00</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.47</b>	<b>0.66</b>	<b>0.91</b>	<b>0.62</b>	<b>0.62</b>	<b>0.89</b>	<b>0.68</b>	<b>0.75</b>	<b>0.94</b>	
<b>Sarangani</b>																
Alabel	N/A	0.80	1.00	N/A	1.00	1.00	N/A	0.56	0.94	N/A	0.67	1.00	N/A	0.77	0.98	C1 to C1
Maitum	0.73	1.00	1.00	0.94	0.88	1.00	0.69	0.88	0.88	0.89	0.89	0.89	0.81	0.91	0.95	C1 to C1 to C1
Maasim	0.80	1.00	1.00	0.76	0.94	1.00	0.38	0.69	0.81	0.78	0.89	0.89	0.67	0.88	0.93	C4 to C1 to C1
Kiamba	0.67	1.00	1.00	0.88	0.94	1.00	0.81	0.88	1.00	0.89	0.56	0.78	0.81	0.88	0.96	C1 to C1 to C1
<b>Mean</b>	<b>0.73</b>	<b>0.95</b>	<b>1.00</b>	<b>0.86</b>	<b>0.94</b>	<b>1.00</b>	<b>0.63</b>	<b>0.75</b>	<b>0.91</b>	<b>0.85</b>	<b>0.75</b>	<b>0.89</b>	<b>0.76</b>	<b>0.86</b>	<b>0.96</b>	
<b>Lanao Del Sur</b>																
Wao	0.93	1.00	1.00	NA	NA	NA	0.25	0.88	1.00	0.67	0.67	0.89	0.60	0.88	0.98	C4 to C1 to C1
<b>Davao City</b>	0.93	0.93	1.00	0.71	0.88	1.00	0.81	0.94	1.00	1.00	1.00	1.00	0.86	0.93	1.00	C1 to C1 to C1
<b>Over-all Mean</b>	<b>0.67</b>	<b>0.80</b>	<b>0.95</b>	<b>0.74</b>	<b>0.93</b>	<b>0.99</b>	<b>0.66</b>	<b>0.78</b>	<b>0.91</b>	<b>0.80</b>	<b>0.77</b>	<b>0.94</b>	<b>0.71</b>	<b>0.79</b>	<b>0.96</b>	

### APPENDIX 3. STATUS OF ACTIONS ON USAID-DENR MILESTONES AND BENCHMARKS

This provides the list of milestones and benchmarks that were agreed upon by USAID and DENR in relation to four major recommendations in the EcoGov mid-term evaluation. EcoGov’s support to DENR actions are also indicated in the matrix.

EcoGov reports quarterly on its activities and plans for next quarter while the updates on the status of DENR actions and targets for next quarter are provided by DENR/FASPO.

Recommendations	Milestones & Benchmarks (for June 08-June 09)	Status as of June 30, 2009	Plans for Next Quarter
<p>1. Ensure DENR ownership of:</p> <ul style="list-style-type: none"> <li>○ <i>Processes, approaches, and strategies in working with LGUs</i></li> <li>○ <i>Knowledge Products including their use and dissemination to others</i></li> </ul>	<p><u>DENR</u></p> <ol style="list-style-type: none"> <li>1) Issuance of Memorandum Circular which provides guidelines for ENR devolution. The MC is expected to provide opportunities on how EcoGov best practices and approaches can be the starting point for ENR devolution among LGUs.</li> <li>2) Developed a strategy for capacity building and training on environmental governance especially for non-EcoGov sites.</li> <li>3) IEC on environmental governance developed and adopted</li> <li>4) EcoGov processes and strategies integrated into KRAs and MFOs.</li> <li>5) DENR devolution strategy for LGUs (as stated in the MC) adopted.</li> </ol> <p><u>EcoGov TA (in Year 5 Work Plan)</u></p> <ol style="list-style-type: none"> <li>a) Support dialogues with DILG and leagues on draft Joint AO (<b>GoAd Sector Plan</b>)</li> <li>b) Facilitate dialogues with EMB, SWMC and regional offices for better coordination, harmonization of mandates, functions, and structures in support of LGU implementation of ISWM programs (<b>UEM Sector Plan</b>)</li> </ol>	<ul style="list-style-type: none"> <li>• Consultation meeting with Leagues of Local Government Authorities (Provinces, Municipalities, Cities and Barangays) conducted to solicit comments and suggestions on the draft MC.</li> <li>• Draft MC with USec for Policy and Planning</li> <li>• EcoGov team presented the results of the EMB-NSWMC discussions in Manila and Davao City to FASPO, EMB and NSWMC last quarter. The new NSWMC Executive Director has initiated a separate organizational assessment and indicated that it will consider results of previous dialogues.</li> </ul>	<ul style="list-style-type: none"> <li>• Consultation with various DENR offices and Leagues of Local Government Authorities in preparation for succeeding activities (i.e. capacity building and IEC campaign on ENR functions)</li> <li>• Institutional strengthening program for LGUs will be undertaken within 1 year upon issuance of the Circular/Guidelines.</li> <li>• Integrated Ecosystem Management-linked Training Needs Assessment and Capacity Building activities will be conducted initially in selected watersheds in the country. This activity will involve capacitating the LGUs in the implementation of devolved functions.</li> <li>• No further activities planned unless requested by NSWMC and FASPO.</li> </ul>

Recommendations	Milestones & Benchmarks (for June 08-June 09)	Status as of June 30, 2009	Plans for Next Quarter
	<p>c) Develop training guides, manuals, materials on key EcoGov approaches in all sectors for use of DENR and LGUs (<b>All Sector Plans</b>)</p> <p>d) Train DENR partners (at the regional, provincial, and CENROs) with on-site application using EcoGov environmental governance processes (<b>All Sector Plans</b>)</p> <p>e) Partner with Silliman University and Ateneo de Manila University-School of Government in developing a certificate and graduate program on environmental governance especially for the LGUs of Lanao del Sur, Sarangani, and South Cotabato (<b>GoAd Sector Plan</b>).</p>	<ul style="list-style-type: none"> <li>• Ongoing in all sectors. EcoGov proposed the engagement of two Communication Specialists to support knowledge products development (print and multi-media).</li> <li>• Ongoing in all sectors. Training and mentoring for the quarter focused on SLF design, SWM and septage management ordinance formulation (Regions 11 and 12); SWM planning (Regions 9 and 12); FLUP (Regions 2, 9, 11 and ARMM); mangrove co-management (Region 9); MPA monitoring (Regions 7 and 9).</li> <li>• Silliman completed the design and validation of certificate course for ENROs. Ateneo de Manila's 2-year MPM program in ongoing in Lanao del Sur, with 20 registrants from PLGU. The modules on integrated environmental planning and environment legislation and law enforcement were delivered during the quarter.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue development of knowledge products.</li> <li>• Follow-up training and mentoring on SLF operations and maintenance; WWM assessment and strategic planning; FLUP and co-management, MPA networking and M and E.</li> <li>• Ateneo will continue the development and refinement of environment governance modules for the MPM program for Lanao del Sur.</li> </ul>
<p>2. Promote EcoGov2 successes using its knowledge products from:</p> <ul style="list-style-type: none"> <li>o <i>Best practices</i></li> <li>o <i>Learning sites</i></li> <li>o <i>Innovations from pilots</i></li> <li>o <i>Templates</i></li> <li>o <i>Processes</i></li> </ul>	<p><u>DENR/FASPO</u>  Knowledge management strategy plan adopted that may include:</p> <ul style="list-style-type: none"> <li>• Proceedings of various policy fora, database, web page, project report documentation, lessons learned, list of experts, communities with best ENR practice, etc.</li> <li>• Access of information</li> <li>• Inventory and review of existing information, data, and knowledge products</li> </ul>	<ul style="list-style-type: none"> <li>• Orientation on KM conducted with key DENR staff</li> <li>• Initial batch of IEC products developed</li> <li>• FASPO website functional and available</li> <li>• Inventory and review of KM products on-going</li> <li>• KM needs assessment survey conducted</li> <li>• Initiated preparation of data requirements for GIS training in cooperation with EcoGov</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct of GIS/Google earth training for FASPO spatial database</li> <li>• Preparation of KM system including infrastructure design</li> <li>• Continuous coordination with Public Affairs Office and concerned DENR Offices/Bureaus on knowledge products dissemination.</li> <li>• Conduct of forum on solid waste management practices supported by selected foreign-assisted projects.</li> </ul>

Recommendations	Milestones & Benchmarks (for June 08-June 09)	Status as of June 30, 2009	Plans for Next Quarter
	<p><u>EcoGov TA:</u> (in Year 5 Work Plan)</p> <p>a) Support the assessment of DENR/FASPO knowledge mgt requirements (<b>GoAd Sector Plan</b>).</p> <p>b) Conduct training on communication planning (and identify how EcoGov approaches and best practices may be integrated in DENR's communication plan and strategies) (<b>All Sector Plans</b>)</p> <p>c) Design and conduct pilot training on audience-oriented IEC/social marketing/advocacy for concerned DENR regions and central offices (<b>GoAd Sector Plan</b>)</p> <p>d) Complete all planned EcoGov knowledge products for the use of DENR, LGUs, and other partners (<b>All Sector Plans</b>).</p>	<ul style="list-style-type: none"> <li>• In preparation for the training on Google Earth-based data banking and presentation, EcoGov's GIS Specialist guided FASPO staff in completing its project site database and trained staff on plotting FSP reforestation sites.</li> <li>• This task is included in the SOW of the two Communications Specialists to be engaged by EcoGov.</li> <li>• Ongoing in all sectors.</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct of training on August 17 by DAI's GeoSpatial Specialist. (The conduct of this training has been delayed by the delay in the delivery and installation of FASPO computers and software).</li> <li>• Develop the design with FASPO and Public Affairs Office; conduct the initial training activity.</li> <li>• Continue development of knowledge products.</li> </ul>
<p>3. Work to ensure sustainability at every level</p> <ul style="list-style-type: none"> <li>o <i>Sustainability of DENR strategy for partnership with and support or assistance to LGUs at the national and its field offices</i></li> <li>o <i>Sustainability of PLGUs partnership with and support to their LGUs</i></li> <li>o <i>Sustainability of LGUs as they plan and implement ENR initiatives</i></li> </ul>	<p><u>DENR</u></p> <ol style="list-style-type: none"> <li>1) DENR devolution strategy for LGUs adopted.</li> <li>2) Inventory of LGUs' ENR programs, budget and personnel for programming (as inputs to devolution strategy, possible linkages with LGUs, etc.) conducted</li> </ol> <p><u>EcoGov TA:</u> (in Year 5 Work Plan)</p> <p>a) Develop template for the inventory of LGU ENR's programs in all sectors (<b>All Sector Plans to be coordinated by GoAd Sector</b>)</p> <p>b) Assist DENR in completing inventory of FFM, UEM, and CRM activities in all EcoGov-assisted LGUs using the template (<b>All Sector Plans</b>)</p>	<ul style="list-style-type: none"> <li>• In relation to the ENR Financing Conference, EcoGov developed and distributed to about 80 of its partner LGUs a questionnaire that also serves to inventory their environmental management activities and their financing. About 31 LGUs responded to the survey.</li> </ul>	<ul style="list-style-type: none"> <li>• Processing and analysis of responses to the survey/inventory which will be used in finalizing the design and program of the conference.</li> </ul>

Recommendations	Milestones & Benchmarks (for June 08-June 09)	Status as of June 30, 2009	Plans for Next Quarter
<p>4. Develop and promote alternative financing options for:</p> <ul style="list-style-type: none"> <li>o DENR continuing programs for partnering, supporting, and assisting LGUs (province, municipalities, cities)</li> <li>o PLGUs support for and partnership with their LGUs (cities and municipalities)</li> <li>o LGUs planning and implementation of their devolved ENR activities</li> <li>o Communities ENR management activities</li> </ul>	<p><u>DENR:</u> Organize Environmental Financing Conference to discuss sustainable financing options for ENR programs held.</p> <p>Topics may include:</p> <ul style="list-style-type: none"> <li>• What's the strategic role of DENR</li> <li>• What are the different financing options available for LGUs.</li> <li>• How can DENR tap other sectors/donors</li> </ul> <p>Target audience: DENR, DOF, LGUs, Donors, Private Sector, DILG, etc.</p> <p><u>EcoGov TA:</u> (in Year 5 Work Plan)</p> <ul style="list-style-type: none"> <li>a) Assist DENR/FASPO as it coordinates with concerned sectors the design effort for the conduct of an Environmental Financing Conference in early 2009 (<b>GoAd Sector Plan</b>)</li> <li>b) Prepare EcoGov environmental financing cases for presentation during the conference (PES in the FFM sector, public-private partnership in all sectors, cost recovery and business planning in UEM/SWM, and use of LGU special account mechanism in all sectors) (<b>All Sector Plans</b>).</li> <li>c) Support the participation of selected LGU and DENR participants to the conference (<b>GoAd Sector Plan</b>).</li> </ul>	<ul style="list-style-type: none"> <li>• DENR conducted survey of LGUs covered by foreign-assisted projects. About 60 LGUs responded to the Survey. Initial processing and analysis of results undertaken by FASPO.</li> <li>• EcoGov continued to collaborate with DENR, USAID and the conference TWG in designing and organizing the ENR Financing Conference. EcoGov briefed other USAID-OEE projects to solicit inputs to the conference design and explore possible contribution to the holding of the conference. It is assisting DENR/FASPO identify potential speakers and funders.</li> <li>• Two EcoGov assisted LGUs are being considered to present financing cases (ring-fencing of ENR accounts).</li> </ul>	<ul style="list-style-type: none"> <li>• The activity is planned for mid August 2009</li> <li>• Provide technical support in the actual conduct of the conference.</li> <li>• Support the participation of selected LGU partners.</li> <li>• Assistance to LGU case presentors.</li> </ul>



**The Philippine Environmental Governance 2 Project  
(EcoGov 2)**

Unit 2401, Prestige Tower  
F. Ortigas Jr. Road (formerly Emerald Avenue)  
Ortigas Center, Pasig City 1605  
Philippines

Tel. (632) 635-0747 ☐ Fax: (632) 637-8779  
<http://ecogovproject.denr.gov.ph>