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PHILIPPINE ENVIRONMENTAL GOVERNANCE 2 PROJECT (EcoGov 2)

Quarterly Performance Report No. 14

January 1 through March 31, 2008

May 15, 2008

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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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 January to March 2008 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 two sections. The first is an overview of the project and a summary of progress and activities over the preceding quarter. The second section provides 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. 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.

Ernesto S. Guiang
Development Alternatives, Inc.
Chief of Party
USAID/Philippines EcoGov 2

May 15, 2008

TABLE OF CONTENTS

LIST OF TABLES	IV
ACRONYMS.....	V
1. PROJECT OVERVIEW AND HIGHLIGHTS OF PROGRESS THIS QUARTER.....	1
1.1. Project Overview	1
1.2. Highlights of Progress this Quarter and Trends in Implementation	3
2. DETAILED QUARTERLY PERFORMANCE REPORT BY CONTRACT LINE ITEM NUMBER	5
2.1. Strengthened Government Institutions	5
a. <i>Expected Outputs for the Quarter</i>	5
b. <i>Summary of Accomplishments and Activities</i>	6
c. <i>Implementation Problems and Proposed Resolution</i>	13
d. <i>Objectives for the Next Quarter</i>	14
e. <i>Status toward Achieving Sustainability of Efforts</i>	14
2.2. Improved Forest Management	15
a. <i>Expected Outputs for the Quarter</i>	15
b. <i>Summary of Accomplishments and Activities</i>	16
c. <i>Implementation Problems and Proposed Resolution</i>	20
d. <i>Objectives for the Next Quarter</i>	20
e. <i>Status toward Achieving Sustainability of Efforts</i>	22
2.3. Improved Coastal Resources Management.....	22
a. <i>Expected Outputs for the Quarter</i>	22
b. <i>Summary of Accomplishments and Activities</i>	23
c. <i>Implementation Problems and Proposed Resolution</i>	29
d. <i>Objectives and key activities for the Next Quarter</i>	29
e. <i>Status toward Achieving Sustainability of Effort</i>	30
2.4. Urban Environmental Management (UEM)	31
2.4.1 <i>Improved Solid Waste Management (ISWM)</i>	31
a. <i>Expected Outputs for UEM-ISWM</i>	31
b. <i>Summary of Accomplishments and Activities</i>	31
c. <i>Implementation Problems and Proposed Solutions</i>	38
d. <i>Objectives for Next Quarter</i>	38
2.4.2 <i>Municipal Investments in Sanitation</i>	39
a. <i>Expected Outputs for the Quarter</i>	39
b. <i>Summary of Accomplishments and Activities</i>	39
c. <i>Implementation Problems and Proposed Solutions</i>	40
d. <i>Objectives for Next Quarter</i>	41
e. <i>Status toward Achieving Sustainability of Efforts</i>	41
2.5. Management and Administration.....	41
a. <i>Expected Outputs for the Quarter</i>	41
b. <i>Summary of Accomplishments and Activities</i>	42
c. <i>Implementation Problems and Proposed Resolution</i>	46
d. <i>Objectives for the Next Quarter</i>	46

LIST OF TABLES

Table 1.	Summary of Targets and Accomplishments as of March 30, 2008.....	4
Table 2.	GoAd Expected Outputs for the Quarter	5
Table 3.	FFM Expected Outputs for the Quarter	15
Table 4.	CRM Expected Outputs for the Quarter	22
Table 5.	UEM-ISWM expected outputs for the quarter	31
Table 6.	Municipal Investment Expected Outputs for the Quarter	39
Table 7.	Management and Administration Expected Outputs for the Quarter	41
Table 8.	Status of Grant Applications (as of March 2008).....	44
Table 9.	List of Grants Awarded as of March 2008	44
Table 10.	Status of IQS (as of March 2008).....	45

Note on the use of currency: The majority of currency figures named in this document is stated in Philippine pesos. At the time of writing, one U.S. dollar was equivalent to approximately 46 pesos.

A note on the use of capitalization in this document: EcoGov documents capitalize directional place names only when they are formally applied. For example, Central Visayas (a formal area equivalent to Region VII) or South Cotabato (a province). When directional descriptions are used as adjectives, the word is not capitalized; for example: northern Luzon, western Mindanao, or southern and central Mindanao.

ACRONYMS

ADSDPP	-	Ancestral Domain Sustainable Development and Protection Plan
ADB	-	Asian Development Bank
ARMM	-	Autonomous Region in Muslim Mindanao
BEMO	-	Bohol Environment Management Office
CADT	-	Certificate of Ancestral Domain Title
CBFM	-	Community-Based Forest Management
CBFMA	-	Community-Based Forest Management Agreement
CGL	-	Comprehensive General Liability
CLIN	-	Contract Line Item Number
CRM	-	Coastal Resources Management
CVAI	-	Cesar Virata & Associates, Inc.
DA/BFAR	-	Department of Agriculture/Bureau of Fisheries and Aquatic Resources
DAI	-	Development Alternatives, Inc.
DED	-	Detailed Engineering Designs
DENR	-	Department of Environment and Natural Resources
DILG	-	Department of the Interior and Local Government
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
EO	-	Executive Order
FASPO	-	Foreign-Assisted and Special Projects Office
FFM	-	Forests and Forest Lands Management
FGD	-	Focus Group Discussion
FISH BE	-	Fisheries Bio-Economic Model
FLUP	-	Forest Land Use Plan
FMB	-	Forest Management Bureau
FMLC	-	Fisheries Management and Coastal Law Enforcement
FRENDS	-	Friends of the Environment for Development and Sustainability
GK	-	Gawad Kalinga
GoAd	-	Governance and Advocacy Sector
GOP	-	Government of the Philippines
GSA	-	Guided Self-Assessment
GTZ	-	German Technical Assistance
IBRA	-	Illana Bay Regional Alliance
IEC	-	Information, Education and Communication
IP	-	Indigenous People
IPR	-	Individual Property Right
IQS	-	Indefinite Quantity Subcontracts
IRA	-	Internal Revenue Allotment
IRR	-	Implementing Rules and Regulations
ISWM	-	Integrated Solid Waste Management
KBP	-	Kapisanan ng mga Brodkaster ng Pilipinas

LCE	- Local Chief Executive
LCP	- League of Cities of the Philippines
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
MANP	- Mount Apo Natural Park
M&E	- Monitoring and Evaluation
MDC	- Municipal Development Council
MEDCO	- Mindanao Economic 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
MRF	- Materials Recovery Facility
MSN	- MPA Support Network
MSU	- Mindanao State University
NCIP	- National Commission for Indigenous Peoples
NGO	- Non-Government Organization
NIPAS	- National Integrated Protected Area System
NPC	- National Power Corporation
NRM	- Natural Resources Management
NSWMC	- National Solid Waste Management Commission
NVCFM	- Nueva Vizcaya Consortium for Forest and Forestland Management
OIDCI	- Orient Integrated Development Consultants, Inc.
PEMO	- Provincial Environment Management office
PENRO	- Provincial Environment and Natural Resources Office
PES	- Payment of Environmental Services
PFEN	- Philippine Forestry Educators Network
PLGU	- Provincial LGU
PO	- People's Organization
RCA	- Residual Containment Areas
RED	- Regional Executive Director
REECS	- Resources, Environment and Economic Center for Studies
SB	- Sangguniang Bayan
SCOTIA	- Sustainable Coastal Tourism in Asia
SEC	- Securities and Exchange Commission
SLF	- Sanitary Landfill Facility
SO	- Strategic Objective
SOW	- Scope of Work
SP	- Sangguniang Panlalawigan
STF	- Septage Treatment Facilities
STTA	- Short-Term Technical Assistance
SWAPP	- Solid Waste Management Association of the Philippines
SWM	- Solid Waste Management
TAP	- Transparency, Accountability and Participatory
TEMO	- Tawi-Tawi Environment Management Office
TWG	- Technical Working Group

UEM	-	Urban Environmental Management
UFO	-	Unified Fisheries Ordinance
UNDP	-	United Nations Development Programme
USAID	-	United States Agency for International Development
WACS	-	Waste Assessment and Characterization
WWTF	-	Wastewater Treatment Facilities

1. PROJECT OVERVIEW AND HIGHLIGHTS OF PROGRESS THIS QUARTER

The Philippine Environmental Governance 2 (EcoGov 2) 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 areas and solid waste, and the promotion of local government investment into sanitation facilities. EcoGov 2 fits within the United States Agency for International Development's (USAID) Strategic Objective 4 (SO 4) for strengthening the management of productive and life-sustaining natural resources and within the overall Mission goal of enhanced security, governance, and capacity for sustainable and equitable economic growth. As such, the long-term vision for EcoGov 2 is to conserve biological diversity by addressing problems of open access and mitigating natural resource-based conflicts in priority eco-regions. By contract, EcoGov 2 runs from October 1, 2004 through September 30, 2009, with a subsequent two-year option.

1.1. Project Overview

EcoGov 2 works 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)¹, 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.)

CLIN 0003: Improved Coastal Resources Management (CRM), aimed at reducing over- 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.)

¹ 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 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. (Referred to in this report as the municipal finance sector.)

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.

EcoGov 2 implements activities toward achieving the five sets of targets by working from five offices serving northern, central, and southern portions of the country:

Manila: maintaining Sector Leaders and senior policy specialists who work with national level agencies and who lead field efforts.

Solano: serving LGUs in northern Luzon's Region 2 and 3.

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)².

Zamboanga 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's 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, in project success.

² 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.

1.2. Highlights of Progress this Quarter and Trends in Implementation

We note the following trends and highlights for the past six months and last quarter:

- There has been a continuing increase of requests from provinces and municipalities for technical assistance or participation in EcoGov 2 training activities. EcoGov 2 best practices are attracting the attention of many DENR, non-government organizations (NGOs), donors, and LGUs. The EcoGov 2 Mid-Term Evaluation Team also observed this trend. The challenge is for EcoGov 2 to review, simplify, and standardize its knowledge products materials so that it can easily be used or taught to target users or adopters. The project currently responds to the increasing requests by discussing these with DENR regional offices and opening up opportunities for these LGUs to participate in training activities that are designed for upscaling with DENR and the provincial governments.
- The concern for the global climate change and its threats or impacts to biodiversity, poverty, displacement, and need for adaptation has captured many of the discussions with LGUs, DENR field offices, and officials in Manila. USAID has also strengthened its reporting system on Global Climate Change (GCC) to include how the EcoGov2 Project can accurately document its contribution to C emission or sequestration. The project's report on estimated GCC contribution of improved forest and coastal resource management captured USAID's attention in one of the agency's publications. The GCC concerns are locally, nationally, and globally forcing institutions to re-align and adjust development priorities. The project has started to "feel" the impacts of GCC concerns in its implementation.
- The increasing need of LGUs to diversify source of Environment and Natural Resources (ENR) financing and how they can efficiently manage ENR programs have started to capture their imaginations, especially as they realize the on- and off-site development impacts of the ridge to the reef resource management. This will require a shift in working with LGUs—advocacy supported with technical, financial, economic, and business analyses that combine social enterprise and social marketing perspectives.
- Organization development of LGU counterparts has started to emerge as a major area of technical assistance need as many face the issue of redefining their visions, missions and objectives that will force them to re-think appropriate ENR functions and structures.
- In response to the EcoGov 2 Mid-Term Evaluation Recommendations, the team continued to focus on refining and re-aligning its technical assistance that will respond to the demand for upscaling, replication, mainstreaming, complementation, and dissemination of best practices. This applies for all sectors – FFM, CRM, UEM.
- Compiling, simplifying, standardizing, and developing knowledge products and training modules from EcoGov best practices have absorbed most of the project expertise and resources in the last quarter. All sectors are currently completing priority knowledge products to be used in ongoing upscaling activities.
- The project has completed and discussed with USAID the proposed EcoGov 2 milestones and strategies that would respond to the EcoGov 2 Mid-Term Evaluation recommendations. This will be the initial basis in drafting the 3.5-year EcoGov Work Plan in the month June.

- The increasing visits of USAID officials to EcoGov 2 sites have resulted to increased media attention, facilitated the increase in requests for technical assistance, and raised ENR awareness of key stakeholders. These visits have also increased expectations on how EcoGov 2 should perform and work with LGUs and DENR counterparts.
- The table below summarizes achievements to date per the project's eight performance indicators. EcoGov 2 continues to meet target deliverables for the last quarter.

Table 1. Summary of Targets and Accomplishments as of March 30, 2008

Life-of-Project (LoP) Target	Year 4 Target	Accomplishments	
		Year 4	LoP
Indicator 1: Number of government institutions meeting good environmental governance index			
80 LGUs	60 LGUs (cumulative)	45 LGUs (75%)*	45 LGUs (56%)
Indicator 2: Hectares of natural forest under improved management			
254,670 ha	81,581 ha	25,708 ha (32%)	181,401 ha (71%)
Indicator 3: Hectares of forestlands under productive development			
14,000 ha	16,200 ha	624 ha (4%)	13,935 ha (99%)
Indicator 4: Coastal areas under improved management			
106,700 ha	44,875 ha	19,668 ha (44%)	93,067 ha (87%)
Indicator 5: Number and hectares of new marine sanctuaries established			
20 sanctuaries (627 ha)	LOP target achieved in Year 3		20 MPAs (100%); 1,303 ha (208%)
Indicator 6: Number and hectares of existing marine sanctuaries under improved management			
50 sanctuaries (2,500 ha)	27 MPAs	5 MPAs (18%) (335 ha)	19 MPAs (38%); 1,789 ha (72%)
Indicator 7: Number of LGUs diverting at least 25% of waste from disposal to recycling and composting			
90 LGUs	28 LGUs	7 LGUs	41 LGUs (46%)
Indicator 8: Number of LGUs investing in wastewater facilities			
20 LGUs	5	0	0

* Based on mid-term guided self-assessment undertaken during the first quarter of Year 4.

2. DETAILED QUARTERLY PERFORMANCE REPORT BY CONTRACT LINE ITEM NUMBER

This section of the report provides a detailed examination of planned outputs for the quarter, actual activities undertaken, any problems we may have encountered and their proposed resolutions, objectives for the next quarter, and status toward achieving sustainability of efforts. This section is divided according to the six CLINs of EcoGov 2, with the discussion of each CLIN highlighting activities by geographic location.

2.1. Strengthened Government Institutions

a. *Expected Outputs for the Quarter*

Expected outputs in this sector for Quarter No. 14 were as follows:

Table 2. GoAd Expected Outputs for the Quarter

Expected Outputs	Status
<ul style="list-style-type: none"> Review the Folio 2 of EcoGov 2 Success Stories and be ready for publication before the Earth Day Celebration in April 2008. 	<ul style="list-style-type: none"> Completed the review; publication is targeted for the month of June, the Environment Month
<ul style="list-style-type: none"> Engage media specialists, knowledge product experts, and graphic designers to assist in completing targeted knowledge products for the second quarter (January-March 2008). 	<ul style="list-style-type: none"> Ongoing; completed draft communication strategy with media specialists
<ul style="list-style-type: none"> Co-publish the Jathropa compendium with Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD), Los Baños, Laguna. 	<ul style="list-style-type: none"> Agreement reached to co-publish the compendium with PCARRD
<ul style="list-style-type: none"> Start discussing with DENR and LMP the planned regional and national thematic workshops in 2008. 	<ul style="list-style-type: none"> Ongoing; discussed with German Technical Assistance (GTZ) and other donors during the DENR-Foreign Assisted and Special Projects Office (FASPO)-organized round table discussion
<ul style="list-style-type: none"> Complete the review of social marketing plans of LGUs in Metro Bohol cluster for endorsement and approval of the Bohol Environmental Management Office (BEMO) and the concerned LGUs. 	<ul style="list-style-type: none"> Completed the social marketing plans and are presently being deliberated by each concerned LGU
<ul style="list-style-type: none"> Develop an action plan with key partners for using the Al Khalifa as a reference material in developing their Information, Education & Communication (IEC)/communication plans in support of environmental governance initiatives. This will also entail revision, reproduction and widespread dissemination of the sourcebook. 	<ul style="list-style-type: none"> Ongoing
<ul style="list-style-type: none"> Advocate with DENR, DENR/Autonomous Region of Muslim Mindanao (ARMM), 	<ul style="list-style-type: none"> Discussions were held with DENR senior officials; proposed co-

Expected Outputs	Status
National Power Corporation (NPC), and Department of Energy (DOE) for the signing of the co-management or similar instrument for the Lake Lanao watershed.	management agreement disapproved by DENR but province has taken initiative to work with individual LGUs within the watershed
<ul style="list-style-type: none"> Assist the FFM, CRM, and UEM sectors in their regional social advocacy agenda especially in facilitating for agreements on PES, cluster of LGUs to manage landfills, Marine Protected Area (MPA) networks, social enterprises, setting up special accounts, investments and financing, policy agenda, and other advocacy messages. 	<ul style="list-style-type: none"> Ongoing; Payment for Environmental Services (PES) agreement in Barobbob watershed for signing, PES agreement in Dimapatoy under deliberation, cluster landfill agreements in South Cotabato under discussion; SWM business planning and setting up of special account with concerned LGUs ongoing.
<ul style="list-style-type: none"> Continue preparing bullets, success stories, and photo captions for key EcoGov 2 activities. 	<ul style="list-style-type: none"> Ongoing
<ul style="list-style-type: none"> Explore with DENR FASPO the possibility of engaging a web-site specialist in developing and operationalizing the knowledge product initiative. 	<ul style="list-style-type: none"> Initial discussions held; in the process of identifying a knowledge product specialist with web or IT background
<ul style="list-style-type: none"> Participate in local events and festivals which promote environmental management and biodiversity conservation. 	<ul style="list-style-type: none"> Ongoing; prepared for the Earth Day Celebration in April
<ul style="list-style-type: none"> Organize site visits by local journalists and produce relevant write-ups on several EcoGov 2 LGU learning sites (such as Wao, Maasim, Tacurong, Kiamba, Quirino, Quezon in Nueva Vizcaya, etc.). 	<ul style="list-style-type: none"> This was discussed but not carried out; this will be carried out next quarter

b. Summary of Accomplishments and Activities

Governance Index

- As of March 30, 2008, 91 LGUs (78 municipalities and 13 cities) completed their “Guided LGU Self-Assessment on the State of Local Environmental Governance Practices” (GSA). The survey covered 82 LGUs, those that underwent baseline GSA in 2005-2006, and nine newly assisted LGUs.
- The mid-term report of the results of the GSA was drafted. Key physical, socio-economic and financial information is being analyzed to help explain trend in LGU performance. The mid-term results indicate an over-all significant upward trend in environmental governance performance. Trends observed were:
 - The mean cross-sector index of 0.75 of all 91 LGUs that underwent the mid-project assessment show improvement from the baseline assessment mean of 0.63 of 82 LGUs. This means that in both there was an overall improvement on how the LGUs carried out their ENR functions and adoption of key governance principles such as transparency, accountability, and participatory (TAP) decision making.

- Forty five LGUs, belonging to the well-performing LGUs category, achieved the almost perfect index of 1.00. The rest of the LGUs either fall in the medium or low categories. These will need further assistance or time to improve their overall environmental governance practices. The highest proportion of well performing LGUs is found in South and Central Mindanao (67% of the total number of assessed LGUs).
- LGUs implementing CRM initiatives continued to be the best performing sector with a mean index of 0.91, followed by UEM (0.72) and FFM (0.67).

Support by Regional Offices for Implementing Sector Activities

Northern Luzon

- **FFM.** Continued to advocate support for increase budgetary allocation for implementing FFM activities by LGUs. To date, about P7,845,500 have been allocated by EcoGov-assisted LGUs in Northern Luzon for implementing their FFM approved activities in 2008.
- **UEM.** There was a sustained and slightly increased overall total budget from P14,327,430 in CY 2007 to P15,575,000 in 2008 reflecting the higher priority given by the LGUs to Solid Waste Management (SWM).
- **FFM and UEM.** A MOA was signed for SWM implementation in Bagabag and Forest Land Use Plan (FLUP) upscaling in Cagayan. Bagabag's implementation of Integrated Solid Waste Management (ISWM) resulted from the project's assistance with the province of Nueva Vizcaya. The Memorandum of Agreement (MOA) with the Cagayan province and DENR Region 2 is for the upscaling of FLUP formulation starting with the Municipal Local Government Units (MLGU) of Peñablanca and Lallo. The team will train and work with Provincial FLUP Core Group composed of Provincial Local Government Unit (PLGU) and DENR Region and Provincial Environment and Natural Resources Office (PENRO) officers.
- **GoAd.** The team assisted the province of Nueva Vizcaya in redefining its ENR vision, mission, and goals as basis for identifying critical functions that it has to carry out within the province in collaboration with the municipal LGUs. The redefined vision and functions are recommended to be the basis of Nueva Vizcaya in re-aligning its ENR structure, regulations, and resources to have a long-term sustainable socioeconomic development.
- **GoAd.** Prepared bullets for news releases, IEC and advocacy materials in support of the following:
 - Approval of the Ancestral Domain Plan of the Bugkalot Indigenous People (IP)
 - Management of the Quirino Tribal Farmers Ancestral Land
 - Bayombong Launching of the One World One Heart Campaign for Solid Waste Management

- Endorsement and signing of the MOA for the PES in the Barobbob Watershed by the province of Nueva Vizcaya and LGUs of Bayombong and Solano
- EcoGov 2 upscaling initiatives in Nueva Vizcaya, Cagayan and Region 3 (Zambales province, and Pantabangan, Nueva Ecija) in either FFM or ISWM.
- Tapping by the LGUs of the Securities and Exchange Commission (SEC)-registered Nueva Vizcaya Consortium for Forest and Forestland Management (NVCFFM) as their local service provider and source of expertise in preparing FLUPs.

Central Visayas

- **UEM.** Facilitated the mobilization of the local services providers for UEM, i.e., SEA Consultants for the Wastewater Management in Danao City, the Solid Waste Management Association of the Philippines (SWAPP) for ISWM plan development in San Francisco and the Cebu Uniting for Sustainable Water (CUSW) for social marketing in the host LGU Carmen for the north Metro Cebu cluster common waste disposal facility.
- **GoAd.** Explored with Silliman University as an Indefinite Quantity Subcontract (IQS) the possibility of developing and carrying out a training program for LGU ENROs in Central Visayas. The university has responded positively with a technical proposal that is currently under review.
- **GoAd.** The team provided DENR and all LGU partners copies of template agreements, sector plans, ordinances, and other IEC and advocacy materials for their own use and reference.
- **UEM.** Facilitated the visits of US dignitaries to EcoGov grantees as ISWM learning sites in Bohol (LIFE in Dausis and SWCF in Bilar).
- **UEM.** Worked with the BEMO of Bohol in preparing and obtaining endorsements for implementing their social marketing plans that will target changes in behaviors and actions so that waste diversion in targeted LGUs will be achieved.
- **UEM.** Assisted the LGUs of Toledo, Tanjay, Bais and Compostela in clearly defining their commitments and support to improve their ISWM implementation.
- **UEM.** Supported the presentation of the composting study results to the Jagna Ecological Solid Waste Management (ESWM) Board as a take-off point for improved ISWM program using business planning framework.
- **UEM.** Conducted ISWM Orientation to the Carmen ESWM Board and Orientation on environmental governance to the Cebu Provincial ISWM Technical Working Group (TWG)/Board. These orientations resulted to commitments of the LGUs to learn and improve their ISWM by first observing good practices of several LGUs in Central Visayas and Luzon.

- **UEM.** Together with the IQS, facilitated the presentation of design concepts, options and specifications to the Danao LGU for the City Waste Water Treatment Facility with Option 1: Fishport Individual Water Treatment Facility, Option 2: Public Market and Slaughterhouse Common Treatment Facility (CTF) and Option 3: Fish Port, Public Market and Slaughterhouse CTF. As a result the LGU created and designated a design team to further review the adoption of the appropriate option for investment.
- **CRM.** Worked with the team in supporting Silliman University-Angelo King Center for Research and Management (SUAKCREM) in Negros Oriental on the MPA and networking activities. A new scope of work for “Strengthening the Negros Oriental MPA network cluster of HUTASAKAB” for the SUAKCREM-SCLD-SU was completed for negotiation. This activity will cover strengthening and networking MPAs in Dauin, Zamboanguita, Siaton and Basay.
- **CRM.** In tandem with Coastal Conservation and Education Foundation, Inc. (CCEF), conducted an orientation on social marketing and IEC product development for the LGUs in the south west of Cebu and in the islands of Camotes and Siquijor.
- **FFM.** Facilitated discussion with new LGU leaders in Tanjay City on the state of their environment, the current management options/challenges and the need to prioritize improvements especially in forests and forest lands management.
- **FFM.** Worked with DENR 7 in facilitating the annual performance review and assessment of FLUP implementation of 11 LGUs. The activity provided a venue for the LGUs not only to appraise DENR with their current status, but was also a mechanism for planning the goals and priorities for the incoming year and streamlining DENR support of these LGU goals and priorities.
- **GoAd.** Advocated for the increased support of three provinces in the implementation and upscaling of various EcoGov 2 initiatives.
- **GoAd.** Discussed strategies with the DILG Provincial Director and officers of the League of Councilors of Bohol for enriching knowledge and skills of the members of the Committee of Environment for all LGUs in Bohol. The project may team up with DILG with funding from LCP in developing a training program for key executive and legislative officials.

South-Central Mindanao

- **GoAd.** Signed MOAs with new partners (Sta. Cruz, IGACOS and Panabo for CRM; Sta. Cruz, Bansalan and Magpet for FFM).
- **GoAd.** Explored partnership and sharing of information arrangements with the Mindanao Economic Development Council (MEDCO), League of Mayors in North Cotabato, and the Kidapawan City Water District.
- **GoAd.** Linked with other foreign-assisted projects such as Accion El Hambre and the LGU of Cotabato for ISWM implementation, The United Nations Development

- Programme (UNDP) Act for Peace to mainstream environment concerns in its 2008 work plan.
- **GoAd.** Conducted environmental governance workshop with Davao City’s media. It is expected that this workshop will inspire better stories for improving environmental governance in Southern and Central Mindanao.
 - **GoAd.** Coordinated the visits in the region of high U.S. government officials (such as U.S. Ambassador Kristie Kenney, USAID Philippines Deputy Director Elzadia Washington, USAID Washington Press Officer Harry Edwards, USAID Deputy Assistant Administrator for Asia and the Near East Lisa Chiles).
 - **GoAd.** Advocated for allocation of budgets (for GenSan’s and Kidapawan’s Wastewater Treatment Facility; for the ISWM Provincial TWG of North Cotabato)
 - **FFM.** Assisted in the organizing of a roundtable discussion on the results of the 2007 Assessment of FLUP Implementation (held last December 2007) conducted last February 21, 2008 with the DENR 12 RED and his key field officials, the Sarangani Governor and two of his mayors in attendance. The DENR 12 RED agreed to more actively support FLUP implementation in the region. DENR commitments include the possible deputation of barangay officials as forest guards and opening up partnership with the Department of Agriculture to help increase livelihood opportunities for upland communities.
 - **FFM.** Continued assisting the sector in the development/production of IEC materials. An FAQ on Individual Property Right (IPR) is currently being developed. First draft of the material is expected to be finished by the third quarter. GoAd and FFM sector to collaborate on improving FLUP presentations during the next quarter.
 - **FFM.** Requested DENR 12 to issue a Special Order to reconstitute the DENR FFM (in partnership with LGUs, such as Sultan Kudarat) to upscale FLUP. DENR 12 promised to issue one right after the re-organization taking place in the DENR region. A similar team (DENR-PLGU) will also be organized in North Cotabato.
 - **UEM.** Advocated for the inclusion of UEM activities in LGU budgets. In GenSan, the LGU committed to allocate about P6 million for the construction of its Wastewater Treatment Facilities (WWTF), whose preparation of Detailed Engineering Design and Detailed Cost Plan is being done by EcoGov, through its partner: Basic Needs Services Philippines, Inc.-Bremen Overseas Research and Development Association (BNS-BORDA). In Kidapawan, the LGU will soon obtain more than P5 million in loans from the Development Bank of the Philippines for the construction of its WWTF for the slaughterhouse and public market.
 - **UEM.** Assisted LGUs in alliance building. GenSan is now partnering with various sectors—the GenSan Chamber of Commerce, Rotary Club, Pollution Control Association of the Philippines Inc., DENR-Environment Management Bureau, junkshop operators, schools—in the city for a “recyclable waste collection event” in celebration of Earth Day on April 22, 2008. GenSan is planning to hold this kind of activity once every quarter.

- **UEM.** Held initial talks with EMB-12 for the development of a regional ecology center in Region 12. EMB Regional Director Datu Tungko Saikol said he would tap Koronadal as the host LGU for the center.
- **CRM.** Linked up with the Kapayapaan Kapatid Council, a network of organizations (Habitat for Humanity, Act for Peace, Kalinaw Sarangani Unit, Youth Community Service Club, KBP, etc.) working in Region 12 for possible participation and support for the mangrove planting slated in May 2008 (in celebration of Ocean Month).
- **GoAd.** Submitted 13 bullet stories and 10 captioned photos; released stories and captioned photos to local media, of which 12 stories and three captioned photos were published; coordinated the visits in the region of high U.S. government officials (such as U.S. Ambassador Kristie Kenney, USAID Philippines Deputy Director Elzadia Washington, USAID Washington Press Officer Harry Edwards, USAID Deputy Assistant Administrator for Asia and the Near East Lisa Chiles).

Western Mindanao

- **FFM.** The team continued to assist Zamboanga del Sur in exploring collaborative efforts in developing a watershed co-management plan of selected LGUs under the Salug Valley Development Council, namely Dumingag, Mahayag and Suminot, and the Municipality of Lakewood. Each LGU allocated budgets of at least two hundred thousand pesos (P200,000) with support from the province and the two congressional district representatives.
- **UEM.** As part of upscaling in Zamboanga del Sur, it identified three LGUs, namely Dumalinao, Guipos and Labangan as the preferred pilot LGUs for UEM program.
- **CRM.** The team helped in organizing two MPA networks among Illana Bay Regional Alliance (IBRA) LGUs for strengthening MPA management, enforcement, and better coordination.
- **CRM.** EcoGov sponsored an inter-LGU forum on CRM initiatives and investment prospects in Illana Bay to pave the way for a broader summit on the state of environment in Zamboanga del Sur next quarter.
- **GoAd.** In Zamboanga del Sur, EcoGov worked closely with the newly-created PEMO for planning and coordination with the MENROs within the province. This includes the training of the provincial staff in environmental management for effective coordination of PLGU programs in the three sectors—FFM, UEM, and CRM.
- **FFM and UEM.** The team continued to work with the respective TWGs of Lanao del Sur province and Marawi City in developing and initially implementing actions for the effective management of the Lake Lanao watershed and SWM, respectively.
- **GoAd.** The team continued to advocate for the creation of MENROs among Western Mindanao LGUs (Zamboanga del Sur, Zamboanga Sibugay and Basilan City) in order to speed up their ability to plan, coordinate, implement and monitor ENR initiatives.

- **GoAd.** An EcoGov grant to the Mindanao State University (MSU) for repair of the *Al Hidayah* mosque's ablution facilities, with additional construction of women's ablution area, in Barangay Salam opened up opportunities for possible EcoGov-MSU partnership on Al-Khalifa-based ENR advocacy and development of IEC materials, training, extension, and joint technical assistance support for LGUs in Lanao del Sur.
- **GoAd.** The project continued to promote the use of and support for the Al Khalifa sourcebook as a major reference in developing IEC materials, designing programs, advocacy materials, and resolving ENR-based conflicts. For instance, MSU proceeded to adopt the sourcebook as a reference material in developing peace modules for the university system, during its *Educators' Culture of Peace Seminar-Workshop for Module Making on Peace Education*, held at Malasag, Cagayan de Oro City on December 17-23, 2007. EcoGov was also invited by Ateneo de Zamboanga University to attend a Focus Group Discussion (FGD) on the development of resource materials for interfaith dialogue and peace education in February, 2008. Several LGUs such as Pagadian City, Dinas, Dimataling, Labangan, in Zamboanga del Sur, Marawi City, and Isabela City refer to the Al Khalifa source book in their ENR-related programs and development of IEC and advocacy materials.
- **CRM.** EcoGov, DENR-Coastal and Marine Management Division (CMMMD), the provinces of Zamboanga del Sur and Zamboanga Sibugay organized CRM Summits as preludes to promoting the use of State of the Coasts reporting and determining common investment opportunities in the coastal areas.
- **CRM.** The EcoGov team was invited to visit the province of Tawi-Tawi to attend the first round of discussion on the creation of its Tawi-Tawi Environment Management Office (TEMO). The province requested EcoGov 2 to provide ENR advice so that there will be coherence of their coastal and fisheries programs, and address the need to conserve the largest mangrove area in the country.

Collaboration with National Partners and Theme Networks

The GoAd team works with national partners and network groups to spread the project's work beyond direct technical assistance. These partners allow for greater advocacy, replication of best practices, and institutionalization of our approach. The highlights include:

- Responded to the request of DENR, World Bank, and Asian Development Bank (ADB) in sharing EcoGov experiences in working with LGUs especially in the forestry and coastal areas. Areas for complementation and collaboration include training on watershed-oriented FLUP in Liguasan Marsh in ARMM, sharing CRM best practices with the ADB-funded and DENR-implemented Integrated Coastal Resource Management Project (ICRMP), and sponsoring thematic workshops.
- Collaborated with the Earth Day Foundation Network in preparing for the upcoming Earth Day in April 2008 with water as its major theme.
- Explored and agreed with DOST/PCARRD to co-publish the *Jathropa* compendium of studies and recommendations. EcoGov 2 was part of the institutions that developed and compiled the compendium of practices and literature.

- Collaborated with Silliman University and Ateneo de Manila School of Government in developing training modules and materials for courses related to environmental governance. The tie-up with Ateneo de Manila is the result of MOA signed in late 2007.

IEC and Media Linkages

During the quarter, EcoGov 2 wrote and released a variety of bullet stories, captioned photos, and news releases, and saw many different published accounts of its work.

Regular Project Stories

- Produced 15 bullet stories, three photos with captions and one first person story during the period.

EcoGov Success Stories for Folio 2

- Completed text and layout design for the following stories:
 - Partnerships with local allies help LGUs deal with waste problem
 - Where wildlife habitats are supported, biodiversity is preserved
 - Saving the forest by giving it back to the people
 - High hopes for small farmers: Small grants help local people set up livelihood projects
 - Working together, five Central Visayas LGUs manage their fisheries better

Media Concerns

- Explored production tie-up with TV program “Out of Town” by making arrangements with Abel Cruz, producer of NBN Ch4 weekly program that features LGUs and places of interest around the country. Production of episodes on EcoGov project sites will include shooting of additional material to be edited into EcoGov “best practices” modules. The possible sites: Camotes Island and Illana Bay for MPA networks, Quezon in Nueva Vizcaya for IPR, Southern Mindanao for SWM

Knowledge Product Development

- After the initial identification of different knowledge products for each sector in early December 2007, each sector started to prioritize what they will develop, complete, and pilot test in Year 4. The GoAd Knowledge Product Coordinator continued to assist the sectors develop their various knowledge products.

c. Implementation Problems and Proposed Resolution

- Upscaling approach with provincial governments and regional DENR offices has only been partially responding to the increasing number of requests from LGUs outside the EcoGov regions for technical assistance and training in FFM, UEM, and CRM. This is especially true in Southern and Central Mindanao and Northern Luzon. In order for the team not to spread its efforts too thin, we are asking the LGUs to participate in planned and ongoing training and coaching in EcoGov 2 regions. There is also the need to train more DENR field staff to competently respond to requests from LGUs.

d. Objectives for the Next Quarter

- Engage the media specialists and develop a campaign for strategically selected audiences in Manila and Southern and Central Mindanao as a pilot for using a more coordinated effort to disseminate and advocate environmental governance.
- Monitor and assist each sector as they draft, finalize, and test their prioritized knowledge products.
- Draft and review the FGD and Social Marketing Guides for the UEM sector. This will be based on ongoing and completed works in Central Visayas, Southern and Central Mindanao, and Western Mindanao.
- Draft and review the Scope of Work (SOW) for gender assessment of EcoGov 2 implementation and engage either under a service contract or Short-term Technical Assistance (STTA) for carrying out the study.
- Participate in the forthcoming Earth Day Celebration by displaying photo exhibits that highlight the governance and management challenges of a “Ridge-to-Reef Resource Management” approach.
- Engage specialists and STTA to help plan and carry out media campaigns on environmental governance using EcoGov best practices.
- Participate in the upcoming Negros Island GCC conference highlighting the need to sequester carbon and reduce C emission from various sources. EcoGov 2 plans to use Bayawan City for estimating potentials for C sequestration and reduction of C emission.
- Work with the FFM sector in organizing and finalizing the LGU photo exhibits on FLUP planning and implementation to be displayed in the Asia-Pacific Forestry Week Conference in Hanoi, Vietnam.
- Prioritize the development, testing, and dissemination of Al-Khalifa-based IEC, advocacy, and training materials for the use of LGUs, academic institutions, NGOs, and donor-funded projects in Muslim Mindanao.
- Finalize arrangements for the video production episodes on EcoGov best practices for airing in NBN Channel 4.
- Work with each sector in finalizing arrangements for regional and thematic workshops on key ENR topics—FLUP, CRM zoning, PES, business planning.

e. Status toward Achieving Sustainability of Efforts

The approach of the GoAd team is built around sustainability. The team works through LGUs, the DENR, the Leagues, and theme networks to institutionalize EcoGov sector approaches. There is no defined point where we can say that “sustainability has been achieved.” However, an indicator of success will be when these agencies start promulgating EcoGov interventions to

LGUs that are not EcoGov partners. The GoAd team will continue on this path as it collaborates with the Leagues and key provincial governments.

We are building the capacity of our partners and documenting best practices to make available for future efforts. We are also integrating our activities under the common “branding” framework of USAID, to ensure that EcoGov’s message is consistent with the larger development goals of the Agency.

2.2. Improved Forest Management

a. Expected Outputs for the Quarter

The expected outputs in this sector for Quarter No. 14 were as follows:

Table 3. FFM Expected Outputs for the Quarter

Expected Outputs	Status
<ul style="list-style-type: none"> ▪ In all regions, assist targeted tenure holders to meet performance indicators (management plans, IPR, budgets and functional organization) for improved forests and forest lands management [Certificate of Ancestral Domain Titles (CADTs), co-management agreements, protected areas, watersheds, and Community-Based Forest Management Agreement (CBFMAs)] Target tenure holders are: Bugkalot CADT, Mount Apo Natural Park, two co-management agreements in Sarangani, and co-management agreements in Central Visayas and Zamboanga City. 	<ul style="list-style-type: none"> ▪ Ongoing in all regions ▪ In Northern Luzon, 25,708 hectares of natural forests in Aurora were effectively placed under improved management after the provincial and municipal LGUs committed funds to support implementation of the affirmed Bugkalot Ancestral Domain Sustainable Development and Protection Plan (ADSDPP). ▪ In terms of bare forestlands development, 544 hectares were placed under productive development in Northern Luzon and Lebak, Sultan Kudarat.
<ul style="list-style-type: none"> ▪ Follow-up activities with the PLGU of Quirino in translating the forestry master plan into a provincial master plan. 	<ul style="list-style-type: none"> ▪ Ongoing with the PLGU taking the lead.
<ul style="list-style-type: none"> ▪ Follow up implementation activities to demonstrate the ridge-to-reef Natural Resources Management (NRM) planning in Aurora 	<ul style="list-style-type: none"> ▪ Ongoing
<ul style="list-style-type: none"> ▪ Engage the services of a Marketing/ Enterprise Specialist to assist in setting up People’s Organization (PO) enterprises in Quirino and Sarangani. 	<ul style="list-style-type: none"> ▪ The engagement of Marketing Specialist was delayed due to late decision by the PO in Quirino on the marketing option for rattan products. ▪ Linked IPR holders in Kiamba and Maasim with PLATINUM Rubber Dev’t, Inc. and Nestle Philippines.
<ul style="list-style-type: none"> ▪ Engage local service provider (IQS) to facilitate co-management implementation in Sarangani 	<ul style="list-style-type: none"> ▪ Ongoing with Institute for Small Farms and Industries (ISFI) as IQS.
<ul style="list-style-type: none"> ▪ Draft/produce FFM manuals and knowledge products 	<ul style="list-style-type: none"> ▪ On-going. The FLUP Manual prioritized due to increasing requests for LGU assistance in FLUP.

Expected Outputs	Status
<ul style="list-style-type: none"> ▪ Conduct an initial training for DENR and LGU staff to develop Monitoring and Evaluation (M&E) systems for FLUP implementation 	<ul style="list-style-type: none"> ▪ M&E Manual is under preparation. ▪ Annual FLUP Joint implementation assessment conducted in Aurora, Cebu, Bohol and Negros Oriental.
<ul style="list-style-type: none"> ▪ Continue assisting target LGUs in completing their FLUPs. 	<ul style="list-style-type: none"> ▪ Ongoing assistance in Tungawan, Ninoy Aquino, Bagumbayan, and Upi.
<ul style="list-style-type: none"> ▪ Continue assisting LGUs in Cotabato city and Bayombong to incorporate “payment for environmental services” in their LGU ordinances or board resolutions (e.g., water user-fee ordinance). 	<ul style="list-style-type: none"> ▪ Ongoing in Bayombong; and Cotabato city. Respective MOAs under final review for endorsements and signing.
<ul style="list-style-type: none"> ▪ Facilitate initial agreement on the Mt. Apo Protected Area Zoning and Management Plan 	<ul style="list-style-type: none"> ▪ Ongoing with ISFI as IQS. ▪ Completed map validation of revised zoning.
<ul style="list-style-type: none"> ▪ Facilitate negotiations/ discussions between the provincial government and the DENR management for the co-management of Lake Lanao 	<ul style="list-style-type: none"> ▪ Ongoing; FLUP orientation for the TWG was completed. ▪ Proposed co-management agreement between PLGU of Lanao del Sur and DENR disapproved.
<ul style="list-style-type: none"> ▪ Initiate study on the contribution of forest management to GDP of LGUs 	<ul style="list-style-type: none"> ▪ Ongoing; literature review completed.
<ul style="list-style-type: none"> ▪ Continue facilitating the formulation of the Environment Code of Sarangani 	<ul style="list-style-type: none"> ▪ Ongoing.
<ul style="list-style-type: none"> ▪ Hold FFM sector quarterly meeting to assess performance and discuss strategies to achieve Year 4 target. 	<ul style="list-style-type: none"> ▪ Re-scheduled to April 14, 2008
<ul style="list-style-type: none"> ▪ Activities on advocacy for MENR, budgets, organizational strengthening, and enactment of needed ordinances for effective FLUP implementation 	<ul style="list-style-type: none"> ▪ Ongoing ▪ MENR officers appointed, created, or designated in Glan, Sarangani; Tungawan, Zamboanga Sibugay; Sta. Catalina, Negros Or., Tanjay City and Lamitan, Basilan, Kidapawan City ▪ Organizational assessment workshop was conducted for the province of Nueva Vizcaya to improve its ENR delivery system. ▪ Completed FLUP for the provincial staff of Zamboanga del Sur and the DENR Region 3 TWG.

b. Summary of Accomplishments and Activities

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

FFM Sector-Wide Accomplishments

- Ongoing assistance to tenure holders for them to meet key performance indicators for improved natural forest management. Most activities are focused on having approved resource management plans, IPR agreements, advocating for implementation budgets and setting up of functional organizations. To date, 25,708 hectares of natural forests within

the Bugkalot CADT in the province of Aurora was placed under improved management with the CADT holder meeting key performance indicators. The Bugkalot leaders in Aurora presented their affirmed ADSDPP to the municipal and provincial LGUs and were able to secure funding commitments from both the provincial and municipal governments. In addition, 624 hectares of bare forestlands in Quirino and in Lebak, Kalamansig were developed into agroforestry—further improving the ability of FFM sites in terms of carbon sequestration.

- Assisted the province of Nueva Vizcaya and Cotabato city in developing mechanisms for PES. To date, the Sangguniang Bayan (SBs) of Solano and Bayombong, Nueva Vizcaya issued the authority to sign the MOA to their Mayors while the Sangguniang Panlalawigan (SP) of Nueva Vizcaya is set to issue the same authority to the Governor. The SBs of Datu Odin Sinsuat and Upi of Shariff Kabunsuan and the SP of Cotabato city are currently reviewing the draft PES-MOA for the Dimapatoy watershed.
- Considering the increasing demand for FLUP assistance among LGUs, the FFM team decided to prioritize completion of the FLUP manual. The team members are now working on the FLUP manual for review in April 2008.
- Continued assisting the province of Sarangani in drafting the Provincial Environment Code. Members of the working group were oriented on the process of drafting the code following the ridge-to-reef framework. Guidance was also provided on what relevant thematic maps and data to collect as basis for drafting the code.

FFM Accomplishments – Northern Luzon

- Completed the community maps of the Bugkalot CADT in Nueva Vizcaya with Friends of the Environment for Development and Sustainability (FRENDS), as the IQS. These maps then were integrated into the technical map which was further validated with the communities in each barangay.
- Facilitated the presentation of the affirmed ADSDPP of the Bugkalot Federation of Quirino, Nueva Vizcaya, and Aurora to the MLGUs and PLGUs of Quirino and Aurora. Funding support for the ADSDPP implementation was obtained from the concerned LGUs.
- Facilitated the exposure trip of the provincial TWG of Aurora in Central Visayas. The trip gave them insights on how to effectively develop an ENR plan that considers the ridge-to-reef framework.
- After a series of meetings and consultations, the SB of Solano and Bayombong, Nueva Vizcaya finally granted their respective Mayors the authority to sign the PES - MOA while the SP of Nueva Vizcaya is set to review the MOA and grant the same authority to the Governor.
- The provincial LGU, through the Community Forestry Foundation of Quirino, has started to consolidate the municipal FLUP maps of the province. FRENDS, a local service provider (LSP), has been engaged to facilitate the process of formulating the forestry master plan of Quirino.

- Facilitated the signing of MOA between the Cagayan provincial government, the DENR Region, and representatives of the target MLGUs to work out the MOA for FLUP upscaling. The LGUs Peñablanca and Lallo will serve as pilots for the FLUP up-scaling activity. The Provincial Core Team and municipal TWGs were also created.
- Facilitated a meeting between DENR Region 3-FLUP Core team, and the MENRO and Municipal Planning and Development Coordinator (MPDC) of Pantabangan, and the NAPOCOR Watershed Management Head to agree on how DENR and EcoGov could assist Pantabangan in formulating its FLUP. The DENR core team will provide direct technical assistance in FLUP preparation while the MLGU will commit funds ranging from 500,000 to 600,000 pesos to cover expenses in FLUP preparation.
- Facilitated the conduct of a joint FLUP implementation assessment for Maddela and Aglipay LGUs in Quirino. The assessment resulted in the creation of a full-time MENRO position, and additional budget for MENRO operations in Aglipay.

FFM Accomplishments – Central Visayas

- Assisted DENR in conducting the annual joint DENR-LGU FLUP implementation assessment in Dumaguete City. As a result, DENR developed a plan for upscaling FLUP formulation and implementation in the different Region 7 provinces.
- Continued to assist LGUs and DENR field staff implement their approved FLUPs. Key activities included facilitating IPR agreements, crafting and advocating IPR ordinances, resource mobilization that will support tenure holders, and enforcement.
- Discussed the establishment of FFM guarantee fund by LGUs during the FLUP implementation assessment. Because the LGU of Bayawan indicated interest in pursuing the idea of a guarantee fund, the team decided to set another schedule to discuss further the mechanism for setting up the fund with the LGU Finance Specialist.
- Oriented the Steering Committee of Alcoy on FLUP implementation to effectively pilot the LGU-managed firewood/timber harvesting of planted trees within co-managed and CBFM areas, which was delayed due to committee reorganization.

FFM Accomplishments – Central and Southern Mindanao

- Continued to assist DENR and the LGUs in improving management of the Mount Apo Natural Park (MANP) and the co-management areas of Davao city, Maasim and Glan, Sarangani. Assistance in revising the MANP management plan is ongoing. As part of the efforts to integrate the MANP's management zones into the FLUPs of the surrounding municipalities, the TWGs of the Municipalities of Magpet, Bansalan, and Santa Cruz completed their FLUP training for FLUP modules 1 and 2. They are now collecting socio-economic data and maps for the formulation of their FLUPs.
- The updated draft of the Resource Management Plan for the co-managed areas of Davao city was finally adopted by the various Barangay councils of Carmen, Eden and Tagurano. The three councils endorsed the plan to the City through the City Planning and Development Office.

- Facilitated the setting up of the Steering Committees and formulation of the resource management plans in the co-managed forestlands of Glan and Maasim with ISFI engaged as a local service provider. The TWG of Glan was re-constituted to properly guide the implementation process.
- As part of the enterprise support for CBFM-POs, the FFM team linked the IPR holders of Kiamba and Maasim to PLATINUM Rubber Development Inc. PLATINUM is set to sign MOAs with IPR holders in Maasim and Kiamba where the former will commit to provide limited quality planting materials, technical assistance in developing rubber-based farms, and buy rubber latex at mutually agreed market prices.
- Brokered the collaboration between the LGUs, DENR and Nestle Philippines Inc. Nestle conducted a 15-day coffee specialist training to DENR staff and EcoGov-assisted LGU extension workers in Sarangani Province, Sultan Kudarat and North Cotabato. These LGUs include Lebak, Kalamansig, Maasim, Kiamba, Kidapawan City and Senator Ninoy Aquino.
- Ongoing activities to complete the FLUPs in several LGUs in ARMM and Sultan Kudarat. The FLUPs of Ninoy Aquino and Bagumbayan have been endorsed by their respective SBs on second reading. Meanwhile, the regional FFM team continued to coach the DENR-ARMM FLUP-TWG in Datu Odin Sinsuat, Upi, Shariff Aguak and Datu Unsay in analyzing their FLUP data and maps.
- Prepared the thematic maps and other information needed for the Sarangani Environment Code. An initial analysis of the existing zones based on CLUPs was completed. The analysis of watersheds and its uses, crucial in preparing the code, was also undertaken.
- Undertook several meetings in Cotabato city to review the draft MOA on the PES in Dimapatoy Watershed. Each signatory party to the MOA: Cotabato Water District and the three LGUs covered by the watershed (i.e., Upi, Datu Odin Sinsuat and Cotabato City), are currently reviewing the final draft for endorsement and providing authority to the respective signing party to enter into an agreement.
- Held a feedback gathering session on the results of the 2nd annual Assessment of Joint DENR Region 12-LGU FLUP Implementation. This was attended by the Governor of Sarangani Province, Mayors from Maitum, Maasim and Kiamba, and DENR officials from the regional and field offices. As a result, the DENR will now lead the conduct of regular FLUP implementation assessment (i.e. annual assessment at the regional level, quarterly assessment at the provincial level and monthly meeting at the municipal level). The DENR-12's Regional Executive Director also announced that Sarangani Province has been recommended as pilot area for complete devolution.

FFM Accomplishments – Western Mindanao

- Assessed the status of technical assistance in Lamitan and Isabela City. The LGUs agreed to take positive future actions to strengthen FLUP implementation. The LGUs will strengthen their manpower component to be able to perform their ENR functions. Thus, Lamitan designated a full time city ENRO while Isabela City will initially lodge the FFM activities at the Municipal Agriculture Office.

- Conducted an FLUP orientation workshop for the provincial TWG of Lanao Sur. Tackled during the workshop were the FLUP process and how the LGUs can take advantage of it to be able to jointly implement FFM activities with the DENR in Lake Lanao. The TWG members will visit Wao and Maasim to see first-hand the benefits of having a FLUP jointly implemented with the DENR.
- The TWG of Zamboanga City consolidated the comments of the City Development Council on the draft co-management plans for Ayala and Manicahan. The drafts are now being finalized by the TWG for presentation to the SP.
- With the help of Touch foundation, the draft FLUP of Tungawan was completed and currently under review. The TWG is now preparing to submit the plan to the MDC presentation.
- After the FLUP orientation, the province of Zamboanga del Sur became interested in assisting three municipalities within the Salug Valley in developing their FLUPs, and organized its provincial FFM–TA team.

c. Implementation Problems and Proposed Resolution

- Although LGUs continue to allocate funds for FFM, the amount is usually limited by what can be taken from their internal revenue allocation (IRA), which is generally very limited. The challenge is to broaden the sources of funds for FFM through payment for environmental services, co-investments, co-financing and encouraging private investments.
- Because of IRA limitations, most LGUs also have very limited manpower. Some could hardly designate full-time ENROs who could take the lead in ENR activities. Some LGUs have placed FFM under the municipal agriculture office so that full-time personnel could look into the implementation of FLUPs.
- While there is an increasing demand for assistance in FLUP formulation and implementation, DENR and the provincial core team could not easily upscale the FLUP process for various reasons. DENR does not have enough logistical support to respond to these requests. Laymanized manuals of the FLUP modules which could guide the core teams in coaching the municipal TWGs have not even been produced. Thus, the team will continue to explore how local DENR offices through their regional offices could further assist and support LGUs and communities as they implement their FLUPs. The production of FFM manuals will also be given focus in Year 4 so that provincial core teams will have easy- to-follow references in assisting municipal LGUs.

d. Objectives for the Next Quarter

- Assist targeted tenure holders in all regions to meet performance indicators (management plans, IPR, budgets and functional organization) for improved forests and forest lands management (CADTs, co-management agreements, protected areas, watersheds, and CBFMAs). Target tenure holders are: Bugkalot CADT, Mount Apo Natural Park, co-management agreements in Glan and Maasim, Sarangani, and co-management agreements in Central Visayas and Zamboanga City.

- Sign Enterprise Development MOA in Kiamba focusing on rubber-based farming system.
- Submit co-management plans of Brgy. Carmen and Brgys. Eden-Tagurano in Davao City to SP for adoption.
- Conduct workshop on Situational Analysis and Strategy Formulation for ADSDPP of Bugkalot followed by a writeshop of ADSDPP of Bugkalot.
- Conduct FLUP Orientation for the 3rd Batch of upscaling Municipalities in Nueva Vizcaya.
- Follow-up activities with the PLGU of Quirino in translating the forestry master plan into a provincial master plan.
- Follow up implementation activities to demonstrate the ridge-to-reef NRM planning in Aurora.
- Engage the services of a Marketing/Enterprise Specialist to assist in setting up PO enterprises in Quirino and Sarangani.
- Engage STTA to assist in setting up LGU guarantee fund in Bayawan, Negros Oriental
- Guide ISFI in facilitating preparation of integrated resource management plan for co-management areas in Glan and maasim, Sarangani.
- Guide ISFI in completing the watershed management plans of Talomo-Lipadas and Davao River watersheds based on the ridge-to-reef framework.
- Draft/produce the FLUP manual.
- Conduct an initial training for DENR and LGU staff to develop M&E systems for FLUP implementation.
- Continue assisting target LGUs (Tungawan, Zamboanga Sibugay; Ninoy Aquino and Bagumbayan, Sultan Kudarat; Kasibu, and Sta. Fe, Nueva Vizcaya; and Malapatan, Sarangani) in legitimizing their FLUPs.
- Facilitate signing of the PES – MOA in Cotabato city and Bayombong.
- Facilitate initial agreement on the Mt. Apo Protected Area Zoning and Management Plan.
- Facilitate the exposure trip for members of the provincial TWG of Lanao del Sur, and facilitate negotiations/ discussions between the provincial government and the municipal LGUs on FLUP formulation for Lake Lanao.
- Initiate study on the contribution of forest management to GDP of LGUs.
- Continue facilitating the formulation of the Environment Code of Sarangani.

- Hold FFM sector quarterly meeting to assess performance and discuss strategies to achieve Year 4 target.

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 upscaling FLUP formulation, legitimization and implementation.

2.3. Improved Coastal Resources Management

a. Expected Outputs for the Quarter

Expected outputs in this sector for Quarter No. 14 were as follows:

Table 4. CRM Expected Outputs for the Quarter

Expected Outputs	Status/Remarks
• Carry out orientation on mangrove co-management for Camotes, Central Visayas and Tungawan, Zamboanga Sibugay.	• Continuing
• Initiate discussion on how to pilot environment-friendly mariculture activities in Western Mindanao	• Ongoing, initiated during workshop at Illana Bay CRM Forum
• Conduct Coastal Law Enforcement Training for Isabela City, Basilan and facilitate the conduct of refresher training on coastal law enforcement for Baler Bay and Zamboanga Sibugay.	• Isabela City finished; Baler Bay and Zamboanga Sibugay rescheduled for Quarter 3
• Conduct biophysical M&E training for Lampinigan MPA (Isabela City).	• Moved to the next quarter
• Continue to strengthen the Inter-LGU alliances and MPA networks in Bohol, Negros Oriental, Davao Gulf.	• Continuing
• Conduct inter-LGU tourism development planning workshops for the Camotes Sea Coastal Resource Management Council (CSCRMC)	• Delayed; moved to the next quarter
• Assist Aurora in carrying out the Ridge-to-Reef framework for implementing various ENR initiatives.	• Continuing
• Capacitate DENR Region in carrying out CRM planning and implementation with their target LGUs.	• Continuing
• Discuss with the organizers of the upcoming “National Fisheries Summit” on how the project through IQS and STTA support may be of help in planning and carrying out the planned summit and the MSN activities for the International Year of the Reef.	• Summit discussions started but event postponed to later date
• Assist IBRA 9 and Zamboanga del Sur in planning and carrying out the planned inter-LGU forum on CRM initiatives and development prospects in Illana Bay.	• Illana Bay forum completed, to be expanded into province-wide CRM summit 29-30 May 2008

b. Summary of Accomplishments and Activities

Sector-Wide CRM Accomplishments

- The coastal areas of Municipality of Tukuran (1,892 hectares) and Tungawan (17,776 hectares) are now under improved management for a total of 19,668 hectares
- Seven marine sanctuaries established in Negros Oriental covering a total area of about 147.24 hectares (core zone = 91.01 ha; buffer zone = 56.23 ha) are programmed for strengthening. These are in Tiguib, Calagcalag (2 MS), Anibong, Tampocon I, Awaan and Iniban, all in Ayungon.
- Five existing sanctuaries have been strengthened for a total of 335.3 ha which makes the total MPA area strengthened to date to be 1,789.3 hectares or 71.6 % of the life of the project target of 2,500 hectares. These MPAs are in Central Visayas (Libertad, Poro (33 ha), Luyang, Carmen (44.7 ha), Puente, Carmen (27.6 has.), Western Mindanao (MiSSTA MPA covering 160 ha) and PALS. The MPA of Tukuran was placed under improved management covering 70 hectares for this quarter.
- MPA networks in Southwest Cebu and Siquijor established. MPA network clusters in Davao Gulf, southern Bohol and Negros Oriental have been initiated.

CRM Accomplishments – Northern Luzon

New Sanctuary

- The Dibut Bay management plan has been finalized through an EcoGov 2 grant to the Aurora State College of Technology (ASCOT) and has been adopted by the municipality of San Luis.

CRM Accomplishments – Central Visayas

Coastal Area Management

- Assisted the LGUs in Poro, Tudela, San Francisco and Danao City in drafting newly issued Executive Orders (EO) (effective 2007) creating CRM/FRM bodies that will oversee CRM implementation including the entry of commercial vessels in municipal waters.
- Assisted the LGUs of Tudela, San Francisco, Pilar, and Poro in developing their action plans for implementing CRM/FRM and sanctuary plans in 2008. The EcoGov team will use these plans in identifying strategic technical assistance in its Year 4 implementation.
- Continued to assist and train the local coastal law enforcement teams in the mobilization and operational efficiency of their CRM enforcement plans.
- Assisted in the ongoing fisheries registration in Poro, Pilar, Tudela, San Francisco and Danao City. The LGUs are currently updating their database. To date, only Danao City has started to implement its licensing system while San Francisco only does licensing for some gears.

- Facilitated regular monthly meetings of Camotes Sea CRM Council (CSCRMC). BOC meeting was held back-to-back with the 3rd Camotes-Wide MPA Forum in Pilar. Advocated the regular reporting on the status of their respective marine sanctuaries as the Council carries out its work and financial plan for 2008.
- Assisted the LGUs in developing IEC materials. In a workshop, the IEC Committee members were able to learn how to conceptualize and lay out IEC materials. Their communications plan for 2008 was also prepared.
- Assisted and trained the LGUs of Pilar and Tudela in improving their financial management systems, specifically for CRM/MPA funds. The LGU finance teams include the Budget Officer, Treasurer, Accountant, and Bookkeeper.
- Collaborated with Plan-Philippines in conducting the Marine Environmental Camp for more than 25 school children of San Francisco. The camp included discussions, fieldwork, and games on marine ecology and habitats, relevant fishery laws/ordinances, CRM principles and basic leadership principles.

Strengthening Existing Sanctuaries

- To meet the LOP target of 50 MPAs strengthened, 19 new marine sanctuaries established in Negros Oriental and Bohol
 - Seven marine sanctuaries in Negros Oriental (Barangays Tiguib, Iniban, Awaan, 2 in Calagcalag, Tampocon I and Anibong in Ayungon) with a total hectares 147.24 hectares (core zone = 91.01 ha; buffer zone = 56.23 ha)
 - Three marine sanctuaries in Barangays Basdio, Guinacot and Cabantian in Guindulman, Bohol
 - Nine marine sanctuaries in Barangays Canuba, Ipil, Cantagay, Bunga Mar, Pangdan, Nausok, Larapan, Tubod Mar, Naatang in Jagna, Bohol
- Assisted the CSCRMC in drafting and finalizing the ordinance and management plan for the Inusokan MPA.
- Assisted in finalizing the MPA Management Plans of the Bohol and Negros MPA clusters.
- Three marine sanctuaries were strengthened, reaching enforced level. The total area is 105.3 hectares. These are in:
 - Libertad Marine Sanctuary (Poro, Cebu) – 33 hectares
 - Pandong Bato Marine Sanctuary (Puente, Carmen, Cebu) – 27.6 hectares
 - Batong Diyut Marine Sanctuary (Luyang, Carmen, Cebu) – 44.7 hectares
- With CCEF as IQS, assisted in the ongoing MPA networking work in Southwest Cebu (Alegria, Badian and Moalboal) and in Siquijor (six LGUs). An awareness campaign, discussion of the State-of-the-Coast, action planning and other activities were carried out in these areas.
- Initiated the MPA networking in southern Bohol (Duero, Jagna and Guindulman), and Negros Oriental (Manjuyod, Bindoy, Ayungon and Tayasan). The MPA network core groups

held discussions on possible areas for collaboration, institutional arrangements, funding, and next steps.

- The MPA network in Southern Bohol is now known as **Duero-Guindulman-Jagna (DuGJan)** MPA Network and its core group is known as **Marine Management and Advisory Board (MMAB)**. The 2008 action plan, including the organizational structure, was modified. Municipal ordinances were reviewed to determine gaps with respect to sound CRM and fisheries management. The core group is currently reviewing the MOA for the network with the assistance of an EcoGov legal specialist. The review of the LGU fisheries-related ordinances compared differences and similarities between and among the three municipalities.
- The MPA network in Negros Oriental is now known as **Bindoy-Ayungon-Tayasan-Manjuyod (BATMan)** MPA Network and its management board, **BATMan Management Board (BATMan-MB)**. The network improved its organizational structure and developed its 2008 action plan. The initial steps in the formulation of the municipal CRM plans identified appropriate alternative livelihoods for the communities. The LGU LCEs reviewed the draft MOA for the network with representatives from BFAR and DENR so that they can explain concerns on fisheries and protected areas.

CRM Accomplishments – Southern and Central Mindanao

Coastal Area Management

- Assisted the Island Garden City of Samal in drafting and issuance of an EO that ensures protection and management of the coastal resources. The EO, considered as “Gasa Para Sa Samaleños,” was signed by the Hon. Aniano P. Antalan, the City Mayor.
- Co-sponsored and facilitated the Davao Gulf Mayor’s Conference together with the Davao Gulf Management Council. The conference was participated by around 100 participants composed of Mayors, Sangguniang Bayan/Panglungsod Members, other elected LGU officials and technical staff of the LGUs comprising the Davao Gulf Area; National Government Agencies, NGOs and fisherfolk. During the conference two significant measures were passed and adopted by the Davao Gulf Management Council: one on a program for climate change and the other for “Piso sa Gulpo.”
- Facilitated a meeting on coastal resource management concerns with Samal City and DENR 11. Issues discussed included the following: protected area management in the BaBak District, proliferation of structures along the shorelands of Samal, and foreshore lease contracts, weak coastal law enforcement, and waste water management issues. The meeting ended with a consensus not to push through with the implementation of the NIPAs area combined with the need to enact a SP resolution, inventory of foreshore lease contracts, implementation and monitoring of the key regulatory provisions of leases, and strengthening of enforcement in Samal.
- Facilitated the visit of Lisa Chiles, the USAID - Deputy Assistant Administrator for Asia and the Near East and Party in the Punta Dumalag Marine Protected Area. The visit highlighted the importance of biodiversity with the release of a 20-year old hawksbill turtle.

Existing Sanctuaries

- Assisted the EcoGov grant-funded Save Davao Gulf Foundation, Inc. and SPAMAST in their efforts to strengthen MPA management in Samal and the municipality of Sta. Cruz. In addition, habitat assessment for Sta. Cruz MPAs in coordination with SPAMAST was conducted.
- Assisted the LGU in the final deliberations of the Comprehensive Fisheries Code of Davao City.
- Oriented the department heads of Samal City and its City Development Council on Marine Protected Area and networking of 15 MPAs. Assisted in the consultation and validation of proposed amendments for the demarcation of boundaries of MPA 1, 9, 12, 13, 14 and 15 of Samal City. The meetings resulted in the adoption of new boundaries and new location of the aforementioned MPAs.
- Facilitated the signing of MOA between the EcoGov 2 project, the DENR 11, Bureau of Fisheries and Aquatic Resources (BFAR) 11, the municipality of Sta. Cruz, and the City of Panabo for joint initiatives that will strengthen the management of key marine protected areas.
- Trained 18 monitors for participatory monitoring and evaluation for the MPA network cluster of SanPaSaDa (Samal, Panabo and Sta. Cruz).

CRM Accomplishments – Western Mindanao

Coastal Area Management

- The coastal areas of Municipality of Tukuran (1,892 hectares) and Tungawan (17,776 hectares) are now under improved management for a total of 19,668 hectares
 - Tungawan approved its CRM plan with ongoing implementation of the following zones: marine sanctuaries, mangrove and fishpond, multi-fisher, mariculture, navigational lanes and fishport and eco-tourism and wildlife sanctuary. The LGU has implemented its 10-year Fisheries Management and Coastal Law Enforcement Plan (FMCLE) and five-year MPA Plan. They entered into co-management with DENR for the protection and management of mangrove areas, carried out information and awareness campaigns, regulated fixed fishing gears such as “newlook” and expanded seaweed farming. Livelihood support for marginalized fisherfolk such as aquasilviculture projects were also provided and small-scale mariculture activities were started. The registry of fisherfolk, fishing boats and issuance of permits and licenses have been undertaken for all of the coastal barangays and was followed through in March 2008. Prior consultations have been conducted by the barangays in February 2008.
 - Tungawan allocated operational expenses for the MENR Office though appropriation for the MENR Officer position has not been allocated for this year. The designated MENR Officer is responsible for the implementation of the environmental programs (i.e., UEM, FFM and CRM) of the LGU.
 - Tukuran has undertaken the implementation of improved coastal management activities in their mariculture and fisheries management zones. In the mariculture zone, seaweed-

farming activities are being regulated in accordance with their management plan and ordinance. In the fisheries management zone, regulation of particular gears and protection of milkfish fry reserve are being implemented.

- Completed Mangrove Zoning with recommended activities per sub-zone in the remaining barangays of Tungawan.
- Facilitated formation of inter-LGU clusters for fisheries management and adoption of Unified Fisheries Ordinance (UFO) by Siay, Naga, Payao, Kabasalan, Tungawan, RT Lim, Ipil, and Kabasalan.
- Facilitated the feedback gathering of CRM management initiatives in Illana Bay during an Inter-LGU Forum on CRM Initiatives and Development Prospects for the different bays of Zamboanga del Sur.
- Together with MSU-Naawan, conducted PCRA cliniquing with the Coastal and Marine Management Division (CMMD) staff of DENR 9 to harmonize and standardize the Participatory Community Resource Appraisal (PCRA) methods and approaches.
- Advocated budget for 2008 CRM activities in eight LGUs with commitment as follows:

○ Tukuran	–	P 600,000.00
○ Labangan	–	300,000.00
○ Pagadian City	–	1,000,000.00
○ Dumalinao	–	600,000.00
○ San Pablo	–	400,000.00
○ Dinas	–	600,000.00
○ Dimataling	–	400,000.00
○ Tabina	–	700,000.00
- Together with the IBRA 9 Fisheries Law Enforcement Team (FLET), reviewed the IBRA 9 Fisheries Law Enforcement Plan, i.e. the Operational Plan of Illana Bay (OPLAN Illana Bay) and the strategic plan for 2008. This is part of a continuous effort to strengthen and promote effective coastal law enforcement within Illana Bay. Col. Ramon Ochotorena, the Team Leader and the Provincial Director of the Police Provincial Office facilitated the review.
- Distributed 34 copies of Fisheries Information for Sustainable Harvests Bio-economic Model (FISH BE Model) and 78 copies of “Improving the Governance of Philippine Coastal and Marine Areas: A Guidebook for Local Government Units,” a knowledge product of the CRM Team were distributed to guide LGUs promote & popularize CRM programs & practices in the region.

Existing sanctuaries

- Reviewed the plan for the Lukbuton-Panigayan Marine Protected Area (LUKPAN MPA), Isabela City, Basilan with the CRM-TWG. Barangay Banigayan regularly conducts guarding and patrolling in and around the MPA site. At present, the “no take zone” area is being implemented.

- Assisted in the conduct of Barangay Lampinigan forum and 2008 CRM and MPA action planning for 2008. Discussion focused on strategies for improving coastal law enforcement, organization of *bantay sanctuaryo*, and IEC campaign. A follow-up visit to the LGU was later carried out that included a meeting with their CRM management body, two Sangguniang Panglungsod members, and ABC President.
- *Tanggol Kalikasan* conducted Coastal Law Enforcement Training in Isabela City. This training was participated in by 10 coastal barangays represented by the barangay captains, barangay kagawad, barangay tanods, CVO, POs and *bantay dagat* members, members of the Sangguniang Panglungsod, representatives from the City Planning & Development Office, City Information Office, City Agriculture Legislative Office, CAFCI, and representatives from national agencies (i.e., PNP-Maritime, PNP, Philippine Army, CAFGU, Philippine Coast Guard, BFAR and DENR Sub-CENRO).
- Assisted the LGU in marker buoys re-installation for the Maloong Canal MPA with follow-up advice on IEC for eight volunteers for the *bantay sanktuaryo*. The LGU's CRM management body held barangay meetings and informed the group on the on-going MPA activities. The coastal barangays officials promised to share the cost in the construction of the MPA guardhouse at Maloong Canal.
- The sanctuary in the municipality of Tukuran, Militar, Sto. Niño, Sugod and Tagulo MPA (MiSSTa) was placed under improved management covering 160 hectares after meeting all the necessary requirements for such category.
- The Panduma, Alinadahaw, Lower Bayao and San Carlos (PALS) MPA in Tukuran, ZDS reached the strengthened level based on results of participatory biophysical M&E, IEC implementation, setting up of billboards, placing boundary markers and buoys, deployment of *bantay dagat* that patrols 24 hours a day, and an MPA management plan.
- Continued assistance to Dumalinao, Dimataling, and Tabina in strengthening their respective MPAs especially in enforcement, biophysical monitoring and evaluation, IEC campaigns, among others.
- Conducted participatory biophysical M&E and perception survey for the local monitoring team and the Provincial CRM-TWG team. For biophysical assessment, all eight sites established in 2005 and resurveyed in 2006 were visited. A perception survey was conducted on the MPA site and the neighboring barangays. A substantial number of fisherfolk, elderly, youth and other sectors have been interviewed. Results will be analyzed and reported back to the LGUs and communities.

c. Implementation Problems and Proposed Resolution

- Almost a year later, many newly-elected local chief executives and their new staff still required more time to learn and absorb many of the EcoGov-initiated interventions in their respective LGUs. The team continued to organize and conduct orientation meetings, small group discussions, and personal visits to LGUs with new local leadership.
- Upscaling CRM activities with the provincial governments is requiring more focused and strategic assistance in partnership with DENR, BFAR, and cluster of LGUs. The team continued to adjust strategies and learned how to work effectively with provincial governments to help other municipalities within their political jurisdiction. In Aurora, the team started to pilot the “ridge-to-reef” approach in Quarter 1 to upscale ENR initiatives within the province, but Quarter 2 has seen much progress in this regard. It is crucial that improved inter-sector consolidation would be undertaken in this regard.
- There was a delay in releasing the budget for 2008 and this has affected the implementation of the environment program among others. Most releases happened during the second quarter of the year. Training on financial leveraging, planning and management has been helpful to the LGUs.
- There is a need to clearly define incentives and benefits for LGUs, communities, and other stakeholders for being active members of MPA networks. For instance, active involvement of LCEs of the CSCRMC and some of the other members are not consistent with their attendance in EXECOM meetings.

d. Objectives and key activities for the Next Quarter

- Continue mangrove management planning and capability building in co-management for Camotes, Central Visayas and Tungawan, Zamboanga Sibugay
- Advocate the use of CRM summits in Western Mindanao that are linked to the State of the Coasts/and Seas reporting as one of the convergence areas that can help: (a) provide incentives and accountability through recognition of CRM good governance performance, (b) refine the use of financial leveraging, social marketing, and investment promotion strategies, and (c) promote global climate change adaptation to address poverty and conservation issues in coastal areas.
- Initiate piloting of environment-friendly mariculture activities in Western Mindanao.
- Assist LGUs facilitate the conduct of coastal law enforcement for Baler Bay, Camotes Sea and Western Mindanao (such as through a refresher training), Davao Gulf and other coastal law enforcement-related IEC campaigns including enforcement strategies within MPAs.
- Assist in the legitimization of proposed MPAs and adoption of management plans in Negros Oriental, Illana Bay, ZDS and Davao Gulf together with initial implementation such as site development.

- Continue capacity-building through participatory biophysical M&E training for Lampinigan MPA, Isabela City, Illana Bay, Davao Gulf and Central Visayas.
- Assist in the maintenance of site facilities such as marker buoys along the boundary of the LUKPAN MPA site. The management body will likewise spearhead the adoption of the MPA plan of Lukpan, Isabela City.
- Continue to strengthen the inter-LGU alliances and MPA networks in Camotes, Southwest Cebu, Bohol, Negros Oriental, Siquijor and Davao Gulf.
- Assist selected LGUs in improving financial management systems for CRM/MS.
- Assist in the formulation and review of CRM-related ordinances in Davao City, Lamitan and Isabela City and continue assistance in the UFO for municipal clusters of Sibugay and follow-up action plan of the clusters' output particularly cluster SiNPak and TRI.
- Assist LGUs in the development of IEC materials and implementation of communications plans of the MPA networks and inter-LGU alliances in Baler Bay, Central Visayas, Western Mindanao and Davao Gulf.
- Conduct inter-LGU tourism development planning workshops for the CSCRMC.
- Involve DENR Region and Provincial LGU in carrying out CRM planning and implementation in Western Mindanao and Central Visayas.

e. Status toward Achieving Sustainability of Effort

The CRM team actively sought the participation of partners from DENR, BFAR, provincial agricultural offices, and fishing communities to institutionalize CRM approaches that are seen to be effective such as MPA establishment and strengthening and replication of coastal zoning. It has also assisted local supporters in lobbying for an increased share from IRAs (Internal Revenue Allotments) and other local sources. The team mentored and coached local counterparts so that they can implement planned CRM activities on their own. Moreover, the team continues to update local chief executives on CRM efforts to ensure their continued political support. In Year 4, the team will continue to actively advocate for the formation of MPA networks among LGUs to achieve long term biophysical, socioeconomic, and financial sustainability and utilize the coordination and complementation of inter-LGU collaborative efforts to increase the areas of operation thus increasing the efficiency of its CRM governance systems.

2.4 Urban Environmental Management (UEM)

2.4.1 Improved Solid Waste Management (ISWM)

a. Expected Outputs for UEM-ISWM

Expected outputs in this sector for Quarter No. 14 were as follows:

Table 5. UEM-ISWM expected outputs for the quarter

Expected Outputs	Status
<ul style="list-style-type: none"> 5 LGUs meeting 25% diversion (3 in Central Visayas; and 2 in South Central Mindanao) 	<ul style="list-style-type: none"> 2 LGUs met target
<ul style="list-style-type: none"> 5 SWM plans legitimized; 6 SWM ordinances passed 	<ul style="list-style-type: none"> 3 plans legitimized; 5 ordinances passed
<ul style="list-style-type: none"> Complete design of SLFs of at least 8 LGUs 	<ul style="list-style-type: none"> Completed 7 SLF designs
<ul style="list-style-type: none"> Complete social marketing plans for Metro Bohol 	<ul style="list-style-type: none"> Ongoing
<ul style="list-style-type: none"> MOA for LGU clustering in South Cotabato signed 	<ul style="list-style-type: none"> Delayed by social acceptability issues
<ul style="list-style-type: none"> MOAs for health care waste management signed (Kidapawan and Tacurong City) 	<ul style="list-style-type: none"> Delayed. Authority of Kidapawan LCE to sign MOA not issued yet.
<ul style="list-style-type: none"> SWM business plan of Tacurong City legitimized 	<ul style="list-style-type: none"> Drafted
<ul style="list-style-type: none"> Initiate roll-out of SWM business planning to other LGUs. At least 5 LGUs should have agreed to adopt the process 	<ul style="list-style-type: none"> Reprogrammed for next quarter
<ul style="list-style-type: none"> Completed draft of proposed revisions to the IRR of RA 9003 re deputation of local enforcers and sharing of LGU collections of fines and penalties 	<ul style="list-style-type: none"> Draft recommendations on deputation submitted to NSWMC
<ul style="list-style-type: none"> Complete draft of Waste Assessment and Characterization (WACS) training modules and materials 	<ul style="list-style-type: none"> Ongoing
<ul style="list-style-type: none"> Complete guidelines for SWM cost estimation and analysis, and user fee determination 	<ul style="list-style-type: none"> Manual drafted and field tested
<ul style="list-style-type: none"> Complete simplified procedures for design of Category 1 and 2 SLFs 	<ul style="list-style-type: none"> Ongoing
<ul style="list-style-type: none"> Assessment of EcoGov 2 waste management processes and methods 	<ul style="list-style-type: none"> Completed

b. Summary of Accomplishments and Activities

UEM-SWM Sector Wide Accomplishments

- Two LGUs achieved 25% waste diversion during the quarter: Tampakan and Tboli in South-Central Mindanao. There are now 41 LGUs with 25% waste diversion. This represents 18% of Year 4 target and 43% of LOP.
- EcoGov's initial TA offering on SLF design in Northern Luzon yielded seven completed engineering designs and Initial Environmental Examinations (IEEs), and led to the development of a protocol for soil permeability testing. A similar activity is thus being designed for Central Visayas and Mindanao.

- Of the 10 provinces where upscaling of SWM is expected, eight are active in assisting and training their component LGUs on SWM. Nueva Vizcaya, Quirino and South Cotabato have covered the remaining LGUs in their province which are not directly assisted by EcoGov. All members of Bohol's Cluster 1 are now receiving TA from both BEMO and EcoGov.
- There are now four inter-LGU clustering initiatives for SLF development that are being supported by the project: metro Bohol, Surallah cluster (South Cotabato), northern metro Cebu and metro Dumaguete. These experiences are providing the project important lessons that can be used to improve the clustering approach. What has become very apparent is the need for a parallel communications strategy as the cluster is being developed.
- Responded to NSWMC's request for assistance in the review of the RA 9003 IRR provision on the deputation of LGU SWM officers. The project deployed Atty. Wilman Pollisco to undertake the review. The initial output that was submitted to the NSWMC secretariat last March recommended the decentralization of the deputation process, from the NSWMC to the regional level. The LGU SWM Board's responsibility in the selection of officer for deputation was assigned.
- An independent review of the project's UEM component was undertaken by a waste management expert, Leo P. Larochelle, from January 28 to February 14, 2008. The review looked at existing EcoGov2 technical assistance approaches and initiatives, and a number of relevant issues including, the manner by which LGUs are evaluated for solid waste management and wastewater management needs, the content of ISWM plans, the development of training and capacity building tools, performance monitoring and the documentation of project outputs and results. Most of the assessment was done in Gen. Santos City, which allowed the consultant to observe field activities in the city and nearby LGUs. The recommendations focused on how technical assistance activities could be modified or enhanced to optimize results and achieve greater program coverage. Assessment results (and a brief discussion on extended producers' responsibility) were presented to the EcoGov team, USAID and NSWMC secretariat on February 12. USAID and NSWMC were later provided copies of the final report of the consultant.
- Several knowledge products are at the advanced stage of development: the guide for the conduct of WACS, KAP/FGD guide, activity-based cost accounting manual, guide for SLF design, and prototype Operations and Maintenance Manual for SLF operations. These however still need to be translated into more user-friendly formats.

UEM-SWM Accomplishments – Northern Luzon

- LGU Baler enacted its SWM ordinance. This has been submitted to the Aurora SP for review and approval.
- Held two SWM enforcers training in two LGUs of Nueva Vizcaya. The 50 Aritao enforcers (Batch 2) consisted of barangay officials, tanods, and nutrition and health workers. In Quezon, the 45 enforcers who were trained were selected members of the Barangay Councils of the urbanizing barangays, nutrition and health workers, and several school officials.

- Conducted a refresher course for the market enforcers of Bagabag, Solano and Diffun.
- Assisted Bayombong SWM Coordinator and members of the SWM-TWG in preparing for their barangay level information campaign on the enforcement of their SWM ordinance. The group was likewise assisted in planning and organizing the formal launching of their SWM program. The launch opened with a parade and motorcade participated in by officials of the pilot barangays, PNP officers, the tricycle drivers association, and representatives of the academic and civil society sector. It was conducted on February 14 thus the theme “One World, One Heart.” It was agreed that a SWM event will be held on the same date every year.
- Supported the cross visit of selected staff of Nueva Vizcaya and Quirino PLGUs, DENR and the three academic institutions which are actively supporting the two provinces (Quirino State College, Maddela Institute of Technology, and Nueva Vizcaya State College) in Bohol to observe SWM efforts of Jagna, Duero and Dauis LGUs, particularly on composting, enforcement and IEC. A formal sharing of experiences between the visitors, BEMO and local academic institutions was also facilitated by the project.
- Assisted seven LGUs (Bagabag, Bambang, Bayombong, Solano and Aritao of N. Vizcaya; Maddela, Quirino; Cauayan City, Isabela) in completing and submitting their SLF design and detailed engineering designs (DED) to SEA Consultants (IQS contractor) for final review. The IEE of these SLFs have also been completed and will be submitted to EMB Region 2 with the final SLF designs.
- Introduced the framework and tool for LGU SWM performance M&E to Bagabag, Solano, Dupax del Norte, Quezon and Aritao. It was agreed that the tool would be pre-tested.
- With support from EcoGov, the Nueva Vizcaya PLGU held a strategic planning-cum-writeshop for selected members of the SWM Board/TWG of Dupax del Sur, Alfonso Castaneda, Santa Fe and Kasibu. These LGUs comprise the second batch of LGUs being assisted by the PLGU in the preparation of their 10-year SWM plans. This activity produced draft SWM plans for four municipalities.

UEM-SWM Accomplishments – Central Visayas

- Two LGUs (Sta. Catalina and Albuquerque) had their respective ISWM ordinances approved by their SBs while that of two other LGUs (Bais City and Tanjay City) remain pending with their SPs. For a better understanding of the city’s SWM program, the SP of Bais decided to visit their SWM facilities during one of their sessions. The required public consultations have already been held in both LGUs.
- Toledo City’s 10-year ISWM plan was finally legitimized. The draft of San Francisco’s SWM plan was completed and will soon go through the legitimization process.
- Following the mid-term evaluation recommendations, EcoGov is working closely with BEMO to cover all member-LGUs of the Bohol cluster. A training on WACS was held for Sikatuna, Balilihan, and Loboc, which were also guided in the actual conduct of waste characterization. This was followed by a training on the consolidation and analysis of

waste generation data for Sikatuna, Balilihan, Loboc, Lila and Baclayon, to prepare them for the formulation of their SWM plans.

- Several LGUs continued to invest in the improvement of their composting facilities and operations:
 - Danao City acquired a 5 ton/hr shredder for its central composting facility.
 - Duero expanded its central composting facility by adding more fermentation and vermicomposting bins. It also acquired a new 5 cum/hr capacity electric-powered shredder.
 - The vegetable garden adjacent to the central composting facility of Dauin is now able to produce vegetables for some beach resorts in the municipality, thus, generating income for the LGU.
- Although it is maintaining a central composting facility, Bayawan City is encouraging the leaders of barangay to likewise practice composting at their level. It organized barangay and household level composting training for this purpose. Albuquerque meanwhile is fabricating steel, semi-portable MRFs for distribution to its Poblacion barangays.
- Two LGUs (Corella and Albuquerque) have established temporary residual containment areas (RCA). While the construction of the common SLF is ongoing, Corella is using part of its central MRF as RCA.
- Jagna initiated an IEC campaign directed at the SLF host barangay to address concerns that are being raised by some barangay officials and their sympathizers.
- An 11-man group from Carmen and the Provincial Government of Cebu went to Luzon to study and learn how SLFs really work. Through the initiative of the PLGU, a common SLF is being planned for northern Metro Cebu, consisting of ten Cebu municipalities and three cities, including Mandaue, Lapu-Lapu and Danao. Carmen will serve as host LGU.
- Facilitated the exposure trip of Metro Bohol Cluster LGUs to Talibon where a residual containment area has been established. Talibon has also been identified as host of the cluster SLF for the northern LGUs of Bohol.
- Conducted the SWM/WACS training for the LGU of Bacong in support of the Province of Negros Oriental's plan to establish a Metro Dumaguete cluster SLF. Of the six LGUs in the cluster, Bacong is the only one which does not have baseline waste generation data and has not started any SWM planning activity. Through the activity in Bacong, ENRD staff are being provided hands-on training on the refined SWM approaches and the tools of EcoGov for their upscaling work.
- A joint ENRD, DENR PENRO, EcoGov M and E activity was conducted in Negro Oriental, focusing on Pamplona, Tanjay City and Bais City where SWM implementation progress is deemed to be slow. The observations of the team and recommendations were consolidated by ENRD and submitted to the LGUs. EcoGov TA to Pamplona and Tanjay City is proposed for suspension until there is evidence of LGU interest and commitment to carry on their SWM program.

- Presented the results of the SWM cost and revenue study of Jagna to the TWG and some SB members. The study highlighted the extent of the subsidy of the LGU to the SWM program and pointed to issues related to garbage fee rates and efficiency of its collection in different barangays. The LGU thus requested that the report be presented also to Barangay Captains, barangay enforcers, SWM Management Board, other members of the SB and the Mayor.
- Continued to guide the LGU-members of the Metro Bohol cluster in finalizing their communications/social marketing plans which are to be submitted to the LCEs for approval and as basis for budget allocation. Several LGUs in the cluster were assisted in implementing some of their planned activities.

UEM-SWM Accomplishments -- Central and Southern Mindanao

- Tampakan and Tboli legitimized their 10-year SWM plans while Surallah and Polomolok enacted their SWM ordinances. This brings to date five, the number of LGUs in South Cotabato Province with approved SWM plans and with 25% waste diversion (the other three LGUs are Surallah, Polomolok and Tupi). These LGUs continue to pursue their SWM IEC, enforce existing ordinance on waste segregation and maintain their composting and materials recovery operations.
- The 10-year SWM plan of Gen. Santos City was reviewed by the Livability Committee and City Development Council and endorsed to the SP for review and adoption. A series of reviews by the SP Environment committee and expanded public hearings were then held. The plan is for third and final reading and formal adoption is expected early April 2008.
- Assisted the Gen. Santos City ENRO (SWM Division) and the SWM TWG in piloting waste segregation and diversion activities.
 - Working closely with the market administrative office and vendors association of the central public market, segregation at source (stalls), segregated collection and the establishment of off site composting system (windrow) at the existing disposal complex of the city were initiated.
 - Meetings and focus group discussions were held with the Brgy Lagao and various stakeholders on the need to do segregation and diversion: hotel and restaurant operators, subdivision and purok presidents, transport group, church leaders, DepEd officials, representatives of Gaisano mall and other business establishment, and officers of the vendors association in the satellite public market.
 - The conduct of a fair for the open trading of recyclable waste was conceptualized with the LGU team.
 - A series of meetings and consultations were held with Gen. Santos City LGU heads of offices and SP members to deepen and strengthen the participation of various departments in setting the program direction and strategies, and developing the LGU organization for waste management. This more participatory

process has generated more interest, support and understanding of the program within the LGU as departments are now able to relate and contribute to the program.

- Facilitated a meeting attended by the mayor, municipal engineer, and MENRO of Isulan to identify priority actions for 2008. This resulted to the following actions by the LGU: (a) action planning by the LGU with identified partners, (b) reconstitution of the SWM Board and TWG with clear roles and functions, (c) allocation of part of the eight-hectare SLF site for windrow composting, and (d) resumption of enforcement of segregation at source and segregated collection at the market. The LGU submitted to EcoGov a request for TA in SLF design (Category 1).
- Assisted Kidapawan City in strengthening its SWM implementation activities:
 - Mentored and coached the LGU in completing its SWM enforcement plan.
 - Inaugurated its mechanized composting facility last February 9, 2008. The facility is now processing biodegradable waste coming from the mega market, open market and six urban barangays of the city.
 - Finalized its MOA with three hospitals for the establishment and management of a Toxic and Hazardous Waste (THW) vault for health care waste.
- Assisted Tacurong City in refining its draft business plan following a workshop held in Manila with EcoGov specialists to review the financial data in the latest draft, set cost recovery target and agree on options to improve revenue generation.
- Conducted a training on waste characterization and assessment for the DENR, PTWGs of South Cotabato, Sarangani, and North Cotabato; and key SWM staff of new partner LGUs in North Cotabato (Magpet, Pres. Roxas, and Kabacan), Sarangani (Kiamba, Maitum and Alabel), and South Cotabato (Lake Sebu). Subsequently, these LGUs were guided in the actual process of waste characterization.
- The PTWG of South Cotabato has initiated the replication of the WACS in South Cotabato MLGUs which have no SWM plans yet (Lake Sebu, Banga, Sto. Niño, Tantangan and Norala).
- Conducted a trainers' training on the formulation of SWM enforcement system for the PTWGs and legal officers of North Cotabato, Saranggani, and South Cotabato, and DENR. Kidapawan City staff and the SBs and SWM Coordinators of four South Cotabato LGUs (with legitimized SWM plans and ordinances).
 - While their SWM plans are being formulated, Maitum and Kiamba were encouraged to initiate the enforcement of segregation at source and segregated collection in their public markets and urban barangays. They were assisted in the identification of suitable composting sites.
- In Cotabato City where a SWM program is being prepared for its public market, a training on composting was held jointly with a partner NGO for some members of the

City SWM Board and TWG. The University of Southern Mindanao was tapped to be the resource persons.

- Facilitated the hydrogeological assessment of the proposed common SLF site in Brgy. Centrala, Surallah by the NSWMC, MGB-12, and EMB-12, in coordination with the PEMO and host municipality. The assessment results were later presented in a technical conference last February 21 and the formal reports of EMB and MGB have been submitted to the PEMO.
- Assisted South Cotabato Province prepare for the signing of the inter-LGU MOA for the cluster SLF to be established in Surallah. MOA signing has been put on hold as Surallah LGU failed to secure an endorsement of the project from the host barangay.
- Facilitated a number of cross visits to Gen. Santos City by other LGUs (Marawi City, Kidapawan City and Cotabato City). The current learning sites in the city include the central public market, *bagsakan* center, pilot vermicomposting facility and the GSC Doctors Hospital. Groups within Gen. Santos City (e.g., market vendors associations) were also brought to see some of these sites.
- Supported the cross visits of partner LGUs to Luzon. Officials of Tacurong City for example went to Teresa LGU (Rizal) and DOST to look at efforts and technologies to process residual waste.

UEM-SWM Accomplishments – Western Mindanao

- In Zamboanga Sibugay, the team continued to focus on Tungawan whose WACS data have been processed and analyzed. In Zamboanga del Sur, assistance is centered on Guipos which has likewise completed the analysis of its WACS data. The conduct of the WACS in Guipos served as hands-on training of the PLGU on SWM planning process.
- The Marawi City SWM continues to gain momentum. The SWM TWG drafted action plans for the public market and city hall complex and held an orientation on SWM for barangay chairmen and city hall employees. The teams are in the process of identifying the sites for composting/MRF and designing these facilities. The TWG agreed on the inclusion of mosques as pilot SWM sites. Subsequently, WACS was done in two mosques in the city—one in Brgy. Bato and the other inside the MSU campus. The TWG also went on a study tour to Tacurong, Koronadal and Gen. Santos where they observed the enforcement of waste segregation and adoption of different methods for composting biodegradable waste from public markets.
- Held separate sessions with Lamitan City and Isabela City staff, SP members and other stakeholders to review the status of SWM and determine LGU interest and commitment to revive their SWM programs. Both LGUs indicated need for technical assistance to be able to move forward particularly in IEC, enforcement and the organization/strengthening of their City ENRO. It was agreed that both the city LGUs and EcoGov will develop a detailed action plan for 2008/2009.
- Held a dialogue with Buug LGU and Gawad Kalinga (GK) to help address problems on the operations of the GK composting facility, which is processing the biodegradables

from the public market. Several suggestions were put forward during the meeting and GK promised to discuss these with the GK provincial council.

c. Implementation Problems and Proposed Solutions

- The pilot development of cluster SLFs has been delayed as a result of social acceptability issues. However, this has not discouraged the PLGUs and cluster members from pursuing the SLF clustering. The non-endorsement of the Surallah SLF by the host barangay could result in a new search and evaluation of alternative sites. This experience, as well as those in Alburquerque (Bohol) and Carmen (Cebu), clearly suggests that there is a need to identify alternative sites in the formation of clusters.
- A year after the elections, the gains that have been achieved in Western Mindanao are being lost with the general implementation slowdown in most LGUs. Buug, an EcoGov learning site because of the participation of GK (a grantee) suffers serious problems that are stemming from GK internal problems and its relationship with current LGU leadership. The province of Zamboanga Sibugay is also unable to provide the desired support to SWM activities because of weak political support. A review of the upscaling process in areas undergoing political changes may have to be done in the future.

d. Objectives for Next Quarter

- Achieve at least three LGUs meeting 25% diversion.
- Facilitate legitimization of three SWM plans.
- Sign the Kidapawan City MOA for health care waste management.
- Complete social marketing plans for Metro Bohol,
- Finalize and legitimize SWM business plan of Tacurong City; establish ring-fenced SWM account.
- Initiate roll-out of SWM business planning to other LGUs; at least five LGUs should have agreed to adopt the process.
- Complete expanded review of the IRR of RA 9003 and submit recommendations to NSWMC.

2.4.2 Municipal Investments in Sanitation

a. Expected Outputs for the Quarter

Table 6. Municipal Investment Expected Outputs for the Quarter

Expected outputs	Status
▪ Signing of MOA between Gen. Santos City and BNS	▪ Completed
▪ Start of construction of Kidapawan WWTF	▪ Delayed
▪ Turn-over of detailed engineering drawing and technical specifications to the Daus LGU	▪ Delayed. Development permit has not been issued by LGU
▪ Agreement on WWTF design option for Danao City and complete engineering design	▪ Agreement achieved; delayed engineering design
▪ Issuance of septage management ordinance of Alabel and start desludging	▪ Completed
▪ Approval of pilot desludging in Gen. Santos City	▪ Delayed
▪ Assessment of at least two new sites for WWM	▪ Completed (Samal City and Lake Sebu)

b. Summary of Accomplishments and Activities

- Focused assistance on four LGUs. The completion of the activity in Daus (Bohol) brings to five the number of LGUs which have preliminary or detailed engineering design for WWTF that require funding for more detailed design or implementation.
- Assisted Alabel develop a strong sense of ownership of their septage management program. As a result, the LGU has been able to initiate its own activities (e.g., start of the commissioning of the facility) with EcoGov assistance on very specific areas.

Municipal Investments Accomplishments – Central Visayas

- SEA Consultants presented three options for the design of the WWTF for their fishport, slaughterhouse and public market. Of these, Danao City LGU chose to have two separate facilities—one for the fishport and a shared one for the two other point sources. The LCE has issued an EO creating the LGU design team who will work with Sea Consultants.
- Bayawan City indicated their plan to establish another WWTF for four urban barangays located near the reclamation area. Dr. Vic Luis visited the site and held discussions with City ENRO and Vice Mayor regarding their plans and the data that need to be gathered prior to any design work.
- The Daus LGU has yet to act on the pending development permit for the low-cost housing project of Bohol Concerned Citizen's Action for Progress (BCCAP). Because of this, no funding commitment could be made by the donor of the project. EcoGov has turned over to BCCAP the design of the sewerage network connecting the housing units and the wastewater treatment facility.

Municipal Investments Accomplishments – Mindanao

- Facilitated the finalization of Alabel’s ordinance for its septage management program. Alabel then held a public forum where the draft ordinance was presented to stakeholder. The ordinance is being refined to incorporate results of the public hearing prior to approval of the SB.
- Completed the inventory of desludgeable septic tanks in nine barangays of Alabel and the mapping of their location. As expected, the number of households with desludgeable septic tanks is far below than what the STF was designed for. Nevertheless, the Alabel’s MENRO is preparing its desludging plan based on the information generated by this study.
- Contracted BNS to prepare the detailed engineering of the WWTF of Gen. Santos City’s public market. The awarding of the contract was witnessed by Ambassador Kenney. On the same occasion, the city LGU and Basic Needs Service (BNS) signed a MOA for the supervision by BNS of the construction of the facility.
- Kidapawan City made waste management as the main feature of its Foundation Day celebration on February 9. It held the groundbreaking ceremony for the WWTF of its slaughterhouse and the opening for its new composting facility. The DBP has approved the city’s loan of P5.9 million for the constructions of the WWTF.
- In response to the request for WWM TA from Samal City and Lake Sebu, EcoGov and DENR 12 visited the two LGUs for a preliminary assessment of problems/needs and TA opportunities. USAID joined the Lake Sebu part of the trip. Subsequently, EcoGov decided to include both LGUs in the project, with initial assistance focusing on conduct of a more detailed assessment of wastewater sources, volumes of wastewater generation and impact areas. The MOA with Samal City (which will also include solid waste TA) is expected to be signed early next quarter.
- Provided a grant to the MSU – Marawi City for the improvement of the ablution facilities of a mosque located within the MSU campus. The grant also includes the provision of ablution facilities for women worshipers. The signing of the grant agreement between EcoGov and MSU was witnessed by Ambassador Kenney, city LGU officials, and barangay and Muslim religious leaders. The award of the grant was immediately followed by discussions among EcoGov technical staff, MSU engineers and City LGU officials to work out the next steps for the implementation of the agreement.

c. Implementation Problems and Proposed Solutions

- Expressed commitments of LGUs to support their WWM projects have yet to be translated into actual budget allocations. Even those which are being provided with assistance in the design of their facilities have yet to show concrete evidence that they will be able to move on to the actual implementation/construction of their facilities within the life of the project. The team will have to continue its lobby for the appropriation of the needed funds in the 2008 and 2009 budgets.

d. Objectives for Next Quarter

- Complete the engineering designs of the Danao City’s WWTF, the GenSan WWTF, and the ablution facilities in Marawi City
- Facilitate the approval of the pilot desludging project of General Santos City
- Sign MOA with Samal City for detailed WWM assessment in Samal City and at least one other LGU

e. Status toward Achieving Sustainability of Efforts

- The UEM and municipal finance team works closely with LGUs, provincial governments, the DENR, and other local organizations (e.g., NGOs, academic institutions, market vendors associations) and forms TWGs on waste management. Eventually, these groups will institutionalize EcoGov efforts and ensure the continuation of interventions we promote. Our team also promotes ordinances and enforcement, hoping to make SWM a “norm” of behavior that is sustained.

2.5 Management and Administration

a. Expected Outputs for the Quarter

Expected outputs in this sector for the Quarter No. 14 were as follows:

Table 7. Management and Administration Expected Outputs for the Quarter

Expected Outputs	Status
<ul style="list-style-type: none"> • Engage several STTAs—tourism development specialist, expat communication specialist, Knowledge Product (KP)/SM specialist, KP specialist with web site specialization to work with DENR, etc. 	<ul style="list-style-type: none"> • Completed except for the KP specialist to work with DENR
<ul style="list-style-type: none"> • Discuss with several IQS in Mindanao on how they could be more effective in working/ supporting increasing EcoGov objectives in this area. 	<ul style="list-style-type: none"> • Completed for the IQS in Southern, Central and Western Mindanao
<ul style="list-style-type: none"> • Review Year 4 work plan and re-align in the light of EcoGov 2 mid-term evaluation recommendations and feedback from DENR central and regional offices. 	<ul style="list-style-type: none"> • Developed a set of milestones and proposed activities for carrying out the EcoGov 2 Mid-Term Evaluation recommendations. Initially discussed with USAID.
<ul style="list-style-type: none"> • Assist DENR/FASPO in presenting the EcoGov 2 Mid-Term Evaluation findings and recommendations to DENR senior management. 	<ul style="list-style-type: none"> • Assisted DENR in preparing the presentation to the DENR senior management; however, meetings with senior management were cancelled or postponed several times.
<ul style="list-style-type: none"> • Continue to review grant applications. Given the grant ceiling amount, at least 10-12 grant applications may still be awarded to deserving proposals. 	<ul style="list-style-type: none"> • Ongoing

Expected Outputs	Status
<ul style="list-style-type: none"> Engage IQS for various task orders especially in FFM and UEM in Mindanao. 	<ul style="list-style-type: none"> Ongoing
<ul style="list-style-type: none"> Negotiate and renew office lease agreements within Pasig City, Solano, Nueva Vizcaya, Cebu City, and Zamboanga City. 	<ul style="list-style-type: none"> Completed
<ul style="list-style-type: none"> Finalize new office lease agreements in Pagadian City, Ipil, Zamboanga Sibugay, and Cebu City. 	<ul style="list-style-type: none"> Completed

b. Summary of Accomplishments and Activities

Project Management

- Rudy Aragon, the FFM regional specialist in Central Visayas, was relocated to Pagadian City in response to the increasing demand for FFM work in Western Mindanao. He will continue to assist the APs in Central Visayas in their work with LGUs.
- The Communications & Knowledge Products Advisor, Mr. Jose Ibarra A. Angeles, completed his LTTA contract with Ecogov2 Project. He will be hired an STTA with the GoAd sector effective April 1, 2008.
- Engaged several new STTAs or short term technical assistance (organizational /institutional development specialist, municipal finance specialist, ecotourism specialist, communications advisors, and service contractors to help carry out project activities.
- Negotiated new office lease agreement in Ipil, Zamboanga Sibugay; renewed office lease agreements with in Pasig City, Solano Nueva Vizcaya; and period extension of Zamboanga City and Cebu City.
- Concluded the health insurance policy holder for all project personnel; fire/theft and comprehensive general liability (CGL) insurance of all project property in all regional offices.
- Worked with USAID on its actual physical inventory count of project property at EcoGov Davao satellite office.
- Interviewed several candidates for UEM APs, and potential STTAs to work in either the GoAd or UEM sector.

Project Expenditures

- After 14 quarters of project execution out of a total planned 20 quarter life of the project, 70 percent of the performance period has elapsed and the project has expended 70 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 of funds to the components with greatest needs or nearest term

opportunities. Future disbursement in the governance CLIN will increase over the next few months as the project carries out activities under this item.

Small Grants Program

- Over the last six months, DAI received 16 grant applications bringing the total grant proposal applications to 152. Based on the committee's evaluation, nine proposals were rejected, 22 revised, two negotiated, and four were awarded after USAID approval.
- The total amount awarded is now Php 12.1 million distributed across 28 organizations. Of the total amount, Php 2.7 million went to UEM-related activities, Php 4.9 million to FFM, Php 3.8 million to CRM, and Php 615 thousand to IEC/Advocacy.
- Southern and Central Mindanao region got the largest share of the grant at P3.5 million. Western Mindanao, which has the lowest share in the previous reports, got additional grants in the past six months. The total grant exposure in this region, however, is still very low at Php 1.9 million.
- Six grants closed within the reporting period. Ten more grants will end by September 30, 2008.
- Some grants were used to support innovative approaches. For instance, the grant to the Muslim women in Lanao del Sur supported their advocacy for the protection and proper management of Lake Lanao. The women group (PMWC) is now represented in the TWG formed by the Lanao del Sur provincial government to develop strategies on how communities can protect and manage the Lake Lanao watershed. Another example is the development and pre-testing of an evaluation system for MPAs through a grant awarded to Philippine Association of Marine Scientists.
- DAI's technical personnel continued to assist the grantee organizations in sustaining their activities such as the Gawad Kalinga, who received a grant from DAI to establish a composting facility in Buug in partnership with the Local Government.
- Some grantees that have succeeded in sustaining its activities have emerged into learning sites for other organizations. PELA, for example, is a frequent site for study tours organized by non-EcoGov-assisted LGUs and academic institutions. The abaca fiber production of a grantee in Magsaysay, Balamban was featured in news articles.
- DAI conducted two sessions to evaluate the implementation of the IQS and to provide inputs on how LSPs can improve their technical services to the LGUs and the government agencies. These sessions have helped the LSPs implementing CRM-related activities and those implementing FFM-related activities in Mindanao and Central Visayas.

Table 8. Status of Grant Applications (as of March 2008)

Status	Previous Quarters	Oct 2007-March 2008	Total
Total applications received under 2006 APS	97		97
Rejected	68	0	68
Withdrawn/Cancelled	2	1	3
Under Review	2	2	2
Negotiation	3	0	0
Submitted to USAID	0	0	0
Awarded	22	2	24
Total applications received under 2007 APS	39	16	55
Rejected	19	6	25
Withdrawn	0	2	2
Under Review	17	20	20
Negotiation	0	2	2
Submitted to USAID	0	0	0
Awarded	3	3	6
TOTAL number of applications reviewed	136		152

Table 9. List of Grants Awarded as of March 2008

Sector/Grantees	No. of Grants	Region	Status
FFM			
• 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 Current
• 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	Current
• Kadikitan Association for Community Development	1	Northern Luzon	Current
• Dumabel Upland Farmers Association	1	Northern Luzon	Current
• Danao Atotes Matobato Multi-Purpose Cooperative	1	Central Visayas	Current
• Tana Ka Katugallan Nit Paa E Apo Sandawa (Association of 4Bs)	1	Central Visayas	Current
Total Number of Grants for FFM	13		
UEM			
• 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	1	Western Mindanao	Current
Total Number of Grants for UEM	6		

Sector/Grantees	No. of Grants	Region	Status
CRM			
• 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 Current
• Silliman University-SUAKCREM	1	Central Visayas	Completed
• Southern Philippines Agri-Business Marine and Aquatic School of Technology	1	Southern and Central Mindanao	Completed
Total Number of Grants for CRM	8		
IEC/Advocacy			
• LIFE Philippines Foundation (Bohol), Inc.	1	Central Visayas	Completed
• Notre Dame of Kidapawan College	1	Southern and Central Mindanao	Completed
• Philippine Muslim Women Council	1	Western Mindanao	Completed
Total Number of Grants for IEC/Advocacy	3		
Grand Total	30		

Indefinite Quantity Subcontract – Local Service Providers

- Ten IQS holders were mobilized as of March 2008. Five task orders were awarded during the reporting period, bringing the total value of amount obligated for Task Orders to P 13.4 million. This amount represents 45% of the total IQS value.
- Around 67% of the Task Order value or P9 million has been paid as of this reporting period.
- The Task Order for Salonga Center for Law and Development – Silliman University is currently under negotiation.
- Discussions are ongoing to define a scope of work for Mindanao Integrated Resource Development, Inc. (MIRD).

Table 10. Status of IQS (as of March 2008)

IQS Number	Name of Local Service Provider	Sector	No. of Contracts to date
3841-001-06S-001	Friends of the Environment for Development and Sustainability, Inc. (FRENDS)	FFM	3
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	2
3841-001-06S-005	Basic Needs Services Philippines, Inc.	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	2 1

IQS Number	Name of Local Service Provider	Sector	No. of Contracts to date
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

* SOW being finalized.

Collaboration with other Donors, Projects, and Efforts

- With DENR FASPO's initiatives, collaborated with the ADB ENR staff in discussing possible design for their new integrated watershed project with DENR. The project also shared some of its experiences in working with LGUs in planning and implemented watershed-oriented FLUPs.
- We collaborated with DENR FASPO and World Bank consultants in holding their workshop on Liguasan Marsh Watershed Project as part of the ENRMP implementation in ARMM and Region 12. DENR FASPO will discuss possible partnership between the ENRMP and EcoGov 2 in implementing several integrated watershed management initiatives.

c. Implementation Problems and Proposed Resolution

- Engaging the IQS in project implementation has started to demand more time and attention from the EcoGov specialists and staff. Most "need" intensive coaching for them to deliver quality outputs. The project will continue to organize orientation and one-to-one session with the IQS management.
- USAID approval for the payment of EcoGov staff of their severance pay remains an issue. DAI is currently resolving this issue with USAID.
- Discussion of the EcoGov 2 Mid-Term Evaluation recommendations to the DENR senior management has been postponed several times. Maybe this reflects the low level of interest of DENR management on the project or in working with LGUs. We will continue to work with DENR/FASPO to get attention from DENR senior management.

d. Objectives for the Next Quarter

- Conduct a joint USAID, DENR, and EcoGov 2 work planning for the next 3.5 years of the project (from July, 2008-October 30, 2011). The draft work plan will incorporate proposed activities that respond to the recommendations from the Mid-Term Evaluation Team, milestones for the two-year option extension, and EcoGov 2 activities until the end of October 2009.

- Organize and support the participation of mayors, LGU staff, DENR field staff, and EcoGov specialists in the upcoming Asia-Pacific Forestry Week in Hanoi, Vietnam (April 21-May 1, 2008) with follow-on site visits to observe working models in biodiversity conservation, ecotourism, payment for environmental services, and upland development. The Asia Pacific Forestry Week will highlight theories and practices on how the forestry sector can effectively contribute to global climate change, biodiversity, and payment for environmental services. The six LGUs will also have the opportunity to display in a photo exhibit how each have planned and implemented their approved forest land use plans to improve forests and forest lands management.
- Engage STTAs to assist in preparing the training modules on environmental governance (in tie up with Ateneo de Manila School of Governance), prepare IEC and communication strategy responding to the EcoGov2 Mid-Term recommendations, wastewater management specialist, business planning specialist, and social marketing.
- Engage Christy Owen on a TDY to work with the EcoGov 2 Admin and Finance staff. She will review the Grants and IQS process, participate in the EcoGov 2 work planning for the next 3.5 years, assess relationships with sub-contractors, and re-align project budget to be consistent with the proposed 3.5-year EcoGov 2 work plan.
- Engage Allan James as an STTA support for EcoGov UEM component activities related to communications and social marketing. He will review the EcoGov program's current communications/outreach and social marketing efforts, conduct interviews, revise communications plans with targeted LGUs, and assist the EcoGov 2 team in designing test messages and other communications tools that can be tested with selected LGUs as part of a revised communications plan.
- Engage Ioana Bouvier as an STTA spatial planning specialist to evaluate EcoGov, DENR and LGUs spatial data dissemination, analysis needs, and recommend applications using open source technology. She will introduce spatial planning applications and recommend the use of data sharing /Metadata services.
- Transfer regional office in Zamboanga City to Pagadian City; and transfer the regional office in Cebu City to another location.
- Train EcoGov 2 staff, LGU and DENR field staff on technical writing and editing. The first runs will be held in General Santos City (for Western, Southern and Central Mindanao) and Cebu City. A session will also be held for Northern Luzon and Manila staff.
- Participate in the upcoming Mindanao evaluation of all USAID projects in May 2008.
- Continue to work with DENR FASPO in seeking an audience with DENR Secretary to discuss the findings and recommendations of the EcoGov2 Mid-Term Evaluation.
- Continue to firm up arrangement with DENR FASPO (with USAID approval) on how the EcoGov 2 Project can collaborate with the World Bank-funded ENRMP in providing technical assistance and training support as part of the project's upscaling strategy.

- Discuss and finalize partnership arrangements with PTFCF and GTZ in planning and organizing thematic workshops or training activities on preparing and implementing FLUP, protected area management, and CBFM.