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PHILIPPINE ENVIRONMENTAL GOVERNANCE 2 PROJECT (EcoGov 2)

# QUARTERLY PERFORMANCE REPORT No. 21

October 1 through December 2009

February 15, 2010

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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## 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 and an Annual Report within 45 days of the end of the fourth quarter. This report summarizes the FY 2010 first quarter 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. It also highlights a series of lessons learned and provides insights on some challenges ahead.

The report consists of several sections. The first is an overview of the project and a summary of progress, activities, challenges and concerns for Y6Q1. Succeeding sections provide detailed updates on activities undertaken for each of six Contract Line Item Numbers (CLINs), which themselves correspond to the target areas in the Contract Scope of Work (SOW). The report is also supplemented with a series of Annexes. More detailed information on EcoGov is available in other reports for readers who may not be familiar with the project. These reports are available from EcoGov project offices and USAID.

Development Alternatives, Inc.  
USAID/Philippines EcoGov 2

15 February 2010



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## ACRONYMS

ADB	- Asian Development Bank
ARMM	- Autonomous Region in Muslim Mindanao
BEMO	- Bohol Environment Management Office
BOC	- Board of Coordinators
CADT	- Certificate of Ancestral Domain Title
CBFM	- Community-Based Forest Management
CBFM-PO	- Community-Based Forest Management People's Organization
CCCI	- Cebu Chamber of Commerce and Industry
CENRO	- Community Environment and Natural Resources Office
CLIN	- Contract Line Item Number
CRM	- Coastal Resources Management
CSCRMC	- Camotes Sea Coastal Resources Management Council
CVAI	- Cesar Virata & Associates, Inc.
DA/BFAR	- Department of Agriculture/Bureau of Fisheries and Aquatic Resources
DAI	- Development Alternatives, Inc.
DENR	- Department of Environment and Natural Resources
DILG	- Department of the Interior and Local Government
DOST	- Department of Science and Technology
DRR	- Disaster Risk Reduction
ECC	- Environmental Compliance Certificate
EcoGov	- USAID-Philippine Environmental Governance 2 Project
EEPAA	- Environment and Energy Program Assistance Agreement
EMB	- Environmental Management Bureau
EMG	- Emerging Markets Group
ENR	- Environment and Natural Resources
ENRD	- Environment and Natural Resources Division
ENRO	- Environment and Natural Resources Office
EUF	- Environmental User Fee
FASPO	- Foreign-Assisted and Special Projects Office
FFM	- Forests and Forest Lands Management
FLET	- Fishery Law Enforcement Team
FLUP	- Forest Land Use Plan
FMB	- Forest Management Bureau
GED	- German Development Service
GIS	- Geographic Information System
GoAd	- Governance and Advocacy Sector
GOP	- Government of the Philippines
GSA	- Guided Self-Assessment
GTZ	- German Technical Assistance
IBRA	- Illana Bay Regional Alliance
ICE CREAM	- Integrated Coastal Enhancement: Coastal Research Evaluation and Adaptive Management

ICRMP	- Integrated Coastal Resources Management Project
IEC	- Information, Education and Communication
IEE	- Initial Environment Examination
IPR	- Individual Property Right
IQS	- Indefinite Quantity Subcontracts
IRR	- Implementing Rules and Regulations
ISFI	- Institute for Small Farms and Industries
KBA	- Key Biodiversity Area
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
M&E	- Monitoring and Evaluation
MANP	- Mount Apo Natural Park
MBC	- Mindanao Business 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
MPM	- Master in Public Management
MRF	- Materials Recovery Facility
MSU	- Mindanao State University
MSUS	- Mindanao State University System
NCIP	- National Commission for Indigenous Peoples
NGO	- Non-Government Organization
NIPAS	- National Integrated Protected Area System
NRM	- Natural Resources Management
NSWMC	- National Solid Waste Management Commission
OIDCI	- Orient Integrated Development Consultants, Inc.
PAMB	- Protected Area Management Board
PAWB	- Protected Areas and Wildlife Bureau
PEMO	- Provincial Environment Management Office
PENRO	- Provincial Environment and Natural Resources Office
PES	- Payment for Environmental Services
PLGU	- Provincial LGU
PNP	- Philippine National Police
PO	- People's Organization
PPP	- Public-Private Partnership
PTWG	- Provincial Technical Working Group
RED	- Regional Executive Director
REECS	- Resources, Environment and Economic Center for Studies
RMACC	- Rocky Mountain Arabica Coffee Company
SB	- Sangguniang Bayan

SLF	- Sanitary Landfill Facility
SO	- Strategic Objective
SOW	- Scope of Work
SP	- Sangguniang Panlalawigan
STF	- Septage Treatment Facilities
STTA	- Short-Term Technical Assistance
SWAPP	- Solid Waste Management Association of the Philippines
SWM	- Solid Waste Management
TA	- Technical Assistance
TFCAI	- T'boli of Falel Community Association, Inc.
THW	- Toxic and Hazardous Waste
TWG	- Technical Working Group
UEM	- Urban Environmental Management
UNDP	- United Nations Development Programme
USAID	- United States Agency for International Development
USG	- United States Government
WACS	- Waste Assessment and Characterization Study
WWD	- Wao Water District
WWM	- Wastewater Management
WWTF	- Wastewater Treatment Facilities



# 1. PROJECT OVERVIEW AND HIGHLIGHTS OF PROGRESS FY 2010 Q1

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

## 1.1 Project Overview

EcoGov initially worked in five technical areas and three broad geographic locations in the country. During the option period, the geographic scope was scaled back, and two previous technical areas merged into one (i.e., Improved Waste Management). The project uses several cross-cutting elements as part of the technical approach and provides institutional strengthening at a national level to solidify successful local initiatives. The technical areas, which the implementation team refers to as sectors, correspond to four Contract Line Item Numbers (CLINs)<sup>1</sup>, as follows:

CLIN 0001: Strengthened Government Institutions, with a seven-year target of improving the capacity of 100 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 sever-year targets of (a) placing over 280,000 ha of natural forest under improved management, (b) improving the

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<sup>1</sup> Note that CLIN 005 on Municipal Investments in Sanitation was merged with CLIN 004 Improved Management of Solid Wastes effective 01 October 2009. 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.

productive development of 64,000 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- fishing and destructive fishing and with seven-year targets of (a) placing 117,000 ha of coastal area under improved management, (b) establishing 29 new marine sanctuaries, and (c) improving the management of 60 existing marine sanctuaries. (Referred to in this report as the CRM sector.)

CLIN 0004: Improved Waste Management, with two subcomponents, solid waste management (SWM) and waste water management (WWM). SWM activities have a with a seven-year target of effecting significant diversion of waste from open dumps to controlled dumps, sanitary landfills, recycling, and composting in 100 LGUs. The seven-year target in WWM is to promote public and private investment in the wastewater and solid waste disposal facilities of 26 LGUs. (Referred to in this report as the urban environmental management sector, or UEM.)

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

Manila: maintaining Sector Leaders/Coordinators, senior policy analysts, technical specialists and administrative support personnel, who liaise with the USAID Mission, work with national level agencies and who lead field efforts.  
Cebu City: serving LGUs in Central Visayas and part of Western Visayas.  
Davao City: serving LGUs in the central, southern, and western/peninsular portions of Mindanao, including partners from the Autonomous Region in Muslim Mindanao (ARMM).

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

## 1.2 Highlights of Progress and Trends in Implementation

- Activities are underway to undertake baseline work for the Guided Self-Assessment (GSA) in connection with the 20 additional LGU target (which raises the total target to 100) for “LGUs practicing good environmental governance” by 2011. The list includes seven LGUs from Central Visayas and 21 LGUs (13 are priority LGUs) from South and Central Mindanao. The 2009 End of Base Year Over-all GSA report is in final draft form. The report presents and analyzes the results of the end of base period (2004-2009) GSA for all 86 LGUs covered by the assessment.
- Gender action plan implementation is being accelerated through integration of gender-sensitive phrases in knowledge products, development of ‘Guidelines for Enhancing Gender Perspective in the Documentation of Best Practices and Success Stories’, and collection of reference materials that will be used in mainstreaming gender in FFM, CRM, and UEM EcoGov technical assistance modules.
- Forest Land Use Plan (FLUP) scaling up, supplemented by data collection, mapping and situation analysis continues to progress in EcoGov regions. Technical assistance is increasingly focused on building up provincial and regional DENR FLUP teams. Testing of payment for ecosystem services (PES) as an alternative financing mechanism to sustain FLUP implementation is progressing in Wao, Lanao del Sur, which will serve as another model for Mindanao. Concurrently, EcoGov is catalyzing public private partnerships (PPP) to promote sustainable forest land use. This is highlighted by an emerging partnership between Rocky Mountain Arabica Coffee Company (RMACC) a North American investor, and T’boli of Falel Community Association, Inc. (TFCAI), a Community Based Forest Management people’s organization (CBFM-PO), to develop arabica coffee-based farms in Kiamba, Sarangani.
- Achieving the CRM target for coastal areas under improved management is within reach. Relatively mature MPA networks in Bohol (DuGJan), Negros Oriental (BATMan), Camotes Sea and two in Illana Bay, are to prepare their 2010 action plans with firmed-up budgets. CRM knowledge products, notably a publication on MPA monitoring and evaluation, and a set of success stories on inter-LGU alliances for CRM and MPA networks are in final stages of production. Establishment of Environmental User Fee (EUF) system is ongoing in Samal LGU.
- Prospective LGU partners in SWM and WWM were identified and assessed in Central Visayas and Mindanao. Given the EcoGov focus on marine key biodiversity areas, there is increased opportunity for the integration of UEM and CRM activities of EcoGov. For example, seven LGUs that are part of the BATMan and Camotes Sea MPA networks are also being assisted in SWM. Scaling up of SWM is ongoing with Provincial LGUs (PLGUs) leading the delivery of technical assistance in such areas as Zamboanga del Sur, South Cotabato, Sarangani and Negros Oriental. Despite design and process complexities, establishment of SLF operations is increasingly in demand. Of the 14 LGUs assisted in WWM, nine are being assisted to complete/ update their

WWM assessment reports and plans so these can be used by the LGUs to identify their next priorities for investment which can be packaged and submitted to the new set of local leaders after June 2010. This work is being supplemented by continual refinement of knowledge products and establishment of “ring fenced” special accounts in a number of areas, which will serve as learning models for sustainable financing.

- Many EcoGov partners have expressed the need to strengthen their understanding of the impacts of global climate change and the various mitigating and adaptive strategies that can be employed. The ridge to reef integrated ecosystem management approach provides an appropriate framework for LGUs, civil society organizations and the private sector to collaboratively design strategies and action plans. In FFM, data is being captured in some areas, on net carbon benefits from reducing carbon emissions that may result from deforestation, and improving carbon sequestration through reforestation and agroforestry, as well as through annual growth of natural forests placed under improved management. Also, adaptive strategies to reduce vulnerabilities in coastal and marine areas are supported by scientific data collection and weather monitoring systems established through the Integrated Coastal Enhancement: Coastal Research Evaluation and Adaptive Management (ICE CREAM), which will feed into decision-making processes.
- A consolidated EcoGov knowledge management strategy is emerging as a result of focused internal consultations and discussions in several fora. Comprehensive matrices have been developed for each sector with consists of an inventory of knowledge products and processes, identify various hosts and partners and chart out the pathways to dissemination / diffusion. This is supplemented by draft action plans for each sector which will serve as guides for activities during the remaining life of project. The knowledge management strategy will serve as a reference to support EcoGov activities in scaling up, institutionalization, mainstreaming, social marketing and public affairs.
- Presented below in Table 1, is summary information on targets and accomplishments for the reporting period.

**Table 1. Summary of Targets and Accomplishments as of 31 December 2009**

Seven-Year Target	Year 6 Target	Accomplishments	
		Quarter 1, Year 6	As of Dec 2009*
<b>Indicator 1: Number of government institutions meeting good environmental governance index (cumulative)</b>			
100 LGUs	Baseline GSA of 20 LGUs	Baseline GSA conducted in 12 LGUs	81 LGUs (81%)
<b>Indicator 2: Hectares of natural forest under improved management</b>			
280,000 ha	20,000 ha	Ongoing work in Mt. Apo Natural Park and co-management areas in Davao City (20,459 ha of natural forest)	262,093 ha (94%)
<b>Indicator 3: Hectares of forestlands under productive development</b>			
64,000 ha	31,905 ha	7,884 ha	39,981 ha (62%)
<b>Indicator 4: Coastal areas under improved management</b>			
117,000 ha	10,728	Currently working in Pilar, Cebu with total area of 17,351 ha	111,368 ha (95%)
<b>Indicator 5: Number and hectares of new marine sanctuaries established</b>			
29 sanctuaries (762 ha)	5 sanctuaries	Ongoing "establishment" work in 8 sanctuaries	21 MPAs (72%); 1,362 ha (179%)  29 additional MPAs were brought to the "established" level in the process of strengthening their management.  Total: 50 MPAs 1,814 ha
<b>Indicator 6: Number and hectares of existing marine sanctuaries under improved management</b>			
60 sanctuaries (2,700 ha)	5 sanctuaries	Ongoing "strengthening" work in 5 sanctuaries	50 MPAs (83%); 2,608 ha (96%).
<b>Indicator 7: Number of LGUs diverting at least 25% of waste from disposal to recycling and composting</b>			
100 LGUs	SWM planning and implementation TA to at least 12 LGUs	Initial orientation of 12 new LGU partners	90 LGUs (90%).
<b>Indicator 8: Number of LGUs investing in wastewater facilities</b>			
26 LGUs	WWM planning and WWTF design TA to at least 9 LGUs	Initial orientation of 6 new LGU partners	19 (73%).

\* Percentages are based on the seven-year target. Except for Indicator 8, all targets for the 5-year base period (Oct 2004-Sept 2009) were accomplished and some even exceeded at end of September 2009.

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

### 2.1 Improved Forest Management

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

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

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

<i>Expected Outputs</i>	<i>Status</i>
▪ Finalize the draft protected area management plan for Mt. Apo Natural Park and obtain approval from the PAMB.	<i>Completed</i>
▪ Facilitate establishment of IPR policy, farm planning and initial implementation within target tenure holders in Negros Or., Cebu, Maguindanao, and Lanao del Sur	<i>Ongoing</i>
▪ Assist CADT holders within MANP obtain management responsibility for CADTs within MANP	<i>Ongoing</i>
▪ Facilitate negotiations with water district for the signing of PES MOA in Wao municipality	<i>Completed</i>
▪ Advocate LGU budget support for target tenure holders of Sarangani and MANP	<i>Ongoing</i>
▪ Facilitate completion and approval of FLUP in target LGUs	<i>Ongoing</i>
▪ Facilitate training for DENR-FLUP assistance teams	<i>Moved to next quarter</i>
▪ Establish FFM special account in Bayawan, La Libertad, San Miguel, Alcoy and Dalaguete	<i>Completed except in Alcoy and Dalaguete</i>
▪ Continue implementing public-private supported agroforestry initiatives in Maasim and Kiamba, Sarangani	<i>Ongoing</i>
▪ Assist LGUs in Bohol and Sarangani develop FFM “learning sites”	<i>Ongoing</i>
▪ Complete the draft environment code of Sarangani province.	<i>Completed</i>

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

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

#### **FFM Sector-Wide Highlights**

- Continuing assistance was provided to target tenure holders to meet key performance indicators for improved natural forest management and development of bare forest lands. For this quarter, 7,884 hectares of bare forest lands were placed under productive development in Upi, Maguindanao. This is equivalent to 25% of the Year 6

target of 31,900 hectares, and brings the cumulative accomplishments of the FFM sector in terms of bare forest lands under productive development to 62% of the seven-year life of project (LOP) target. The FFM team's advocacy with the municipal LGU for assistance to Individual Property Rights (IPR) Holders in developing IPR areas resulted in the signing of conservation agreements by the Steering Committee and the IPR Holders. Under this agreement the LGU shall provide fruit and forest tree seedlings to IPR holders, provided the latter develop this area consistent with a farm plan approved by the Steering Committee. Selected IPR holders in the co-managed area of Upi, Maguindanao are now starting to plant their allocated areas into coffee, rubber and other fruit and forest trees.

- Testing of PES as an alternative financing mechanism to sustain FLUP implementation is progressing in Wao, Lanao del Sur. The team brokered the signing of a PES agreement among the Wao Water District (WWD), the municipal LGU of Wao and the Steering Committee of Wao's co-managed area. WWD as user of the water coming from the co-managed area committed to provide at least Php 75,000 (USD 1,596) annually for the rehabilitation and protection of its water



*(L-R) Salvador Redulla, Acting Gen. Manager of Wao Water District (WWD); Elvino B. Balicao Jr., Wao Municipal Mayor; Mary Ruth Catalan, Wao Municipal Vice Mayor; and Marcelina S. Balista, WWD Board of Director member sign the milestone memorandum of agreement where WWD has committed an annual contribution of 75,000.00 pesos for the rehabilitation and development of Wao Watershed. Photo by Edwin Camacho/USAID*

source, the co-managed area. In addition, LGU Wao will also set aside for the same purpose, a percentage of its income from entrance fees once it starts its eco-tourism operations. LGU Wao with assistance from the FFM team is likewise negotiating with Wao Development Corporation, which is also using water coming from the co-managed area in washing its pineapple produce, for it to contribute to the rehabilitation and protection of its water source.

- Rocky Mountain Arabica Coffee Company (RMACC), a Canadian-based corporation expressed interest in partnering with T'boli of Falel Community Association, Inc (TFCAI), a CBFM people's organization, to develop arabica coffee farms in Kiamba, Sarangani. RMACC plans to enter into development contract with TFCAI. TFCAI, for a fee, will set aside about 100 hectares of bare forest lands within its CBFM area which RMACC can develop into organic Arabica coffee-based plantation. The FFM

team is facilitating the consultations and drafting of the agreement between the two parties.

- FLUP scaling up continues to progress in different EcoGov regions. Data collection, mapping and situational analysis are on going in Boljoon and Oslob, Cebu; Manjuyod, Bindoy, Ayungon and Vallehermoso in Negros Oriental; Bansalan and Sta. Cruz, Davao del Sur; Magpet, North Cotabato and in Sominot, Lakewood, Tukuran, Dumingag and Mahayag of Zamboanga del Sur. The joint FLUP implementation agreements of Glan, Malungon and Malapatan in Sarangani province are also under review by DENR and the Sangguniang Bayan of the respective LGUs. In addition, DENR Region 11 plans to scale up FLUP formulation in the Provinces of Davao Oriental, Davao del Norte, Compostela Valley and in other municipalities of Davao del Sur.
- The FFM team also participated in various policy forum/consultation meetings conducted by Forest Management Bureau (FMB) and the Protected Areas and Wildlife Bureau (PAWB). On 6-7 October 2009 the Protected Area Specialist of EcoGov participated in the Protected Area Management Board (PAMB) summit in Davao City where he shared the experiences of EcoGov in updating the management plan of Mt. Apo Natural Park. The FFM Sector Leader also participated in a meeting on 18 November 2009 to review the Sustainable Forestry Management Act which FMB intends to discuss with Senator Madrigal before the Senate session break. During the meeting of the Philippine Forestry Education Network on 3-4 December 2009, the EcoGov FFM sector also underscored the importance of engaging local government units in formulating climate change adaptation and mitigation strategies.

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

- The FFM team continues to assist LGUs in enacting ordinance creating co-management special accounts and the corresponding co-management financial guidelines. The financial guidelines in La Libertad, Negros Oriental has been approved by the Sangguniang Bayan while in Bayawan, Negros Oriental, the Sangguniang Panglungsod has approved the revisions of the IPR ordinance to include a provision establishing a co-management special accounts. The draft financial guideline of Sta. Catalina is also with the Sangguniang Bayan for review and approval while the local finance committee of Alcoy, Cebu is in the process of finalizing the draft financial guidelines. Bais City, Negros Oriental, is in the process of conducting public consultations for the draft IPR policy in the remaining six barangays.
- LGUs in Central Visayas continue to process IPR agreements of actual claimants within their co-management sites. Assistance was provided by the FFM team in conducting barangay consultations for the IPR ordinance of Bais City, Negros Oriental, including claims mapping in Alcoy and Dalaguete, Cebu and in Bayawan, Sta. Catalina and La Libertad, Negros Oriental. Agroforestry development in farms of IPR holders in these areas are in progress.

- LGUs in co-managed areas are actively participating in forest protection activities. In Sta. Catalina, forest wardens regularly conduct patrols in the upland barangays while in Alcoy they undertake foot patrol to protect and conserve the habitat of the endangered bird species “Black Shama” both in the co-managed areas and in CBFM sites. During the quarter, Barangay ENROs in Bayawan City were able to confiscate 155 sacks of illegally transported charcoal and impounded one vehicle used in the illegal activity.
- The forest land use plans of Bayawan, Sta. Catalina and La Libertad were used by the LGUs in preparing project proposals for funding by other donors. The FFM team assisted these LGUs in drafting proposals which were submitted to the German Technical Assistance (GTZ) for funding agroforestry activities of IPR holders and forest enforcement. As a result, Bayawan City received a Php 20.0 million (USD 425,532) grant from GTZ intended for reforestation, assisted natural regeneration, and agroforestry to support development of IPR areas including forest protection activities. Sta. Catalina and La Libertad also received grants from GTZ for the same purpose amounting to Php 22.0 million (USD 468.085) and Php 13.2 million (USD 280,851), respectively.
- Scaling up of FLUP formulation and implementation are in progress in Cebu, Bohol and Negros Oriental with guidance from the EcoGov FFM team. Preparation for barangay IEC, profiling and mapping are on-going in LGU Boljoon, while the Municipal TWG of LGU Oslob has started data consolidation activities. The four LGU’s (Manjuyod, Bindoy, Ayungon, Vallehermoso) in Negros Oriental have finalized data consolidation and are now preparing for the situational analysis workshop. In Danao, Bohol work is in progress for the preparation of the thematic maps by the LGU cartographer while the barangay level TWG is finalizing the community maps and barangay profiles.

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

- The draft management plan of Mt. Apo Natural Park (MANP), which was approved in principle by the PAMB on 26 August 2009, was finalized in October 2009 incorporating the comments of PAMB members. The PAMB resolution formally approving the MANP plan was signed by the Regional Executive Director (RED), who serves as PAMB Chair, in November 2009.
- An initial meeting for the conduct of ethnobotanical study in Mt. Apo was also undertaken on 27 October 2009. The meeting was attended by representatives from the Mt. Apo Foundation, Central Mindanao University, Energy Development Corporation, DENR-Protected Area Office, Provincial LGU of North Cotabato and the Municipal LGU of Magpet. Among items discussed, were the roles and responsibilities of each agency in conducting the ethnobotanical study in MANP.

- Recognition of individual property rights in Maguindanao and Lanao del Sur is on going. IPR orientation, claims mapping and farm planning were undertaken for 153 IPR applicants in Upi, Maguindanao and 65 IPR applicants in Wao, Lanao del Sur. As a result, the Municipal Environment and Natural Resources Offices (MENROs) facilitated the processing of 70 IPR applications in Upi Maguindanao covering 200 hectares and 10 IPR applications in Wao, Lanao del Sur covering 20 hectares.
- Payment for ecosystem services (PES) as an alternative source of financing for FFM is progressing in Wao, Lanao del Sur (refer to highlights above).
- Conservation agreements were signed by the Steering Committee with fifteen IPR holders covering 45 hectares in Upi, Maguindanao for the rehabilitation of portions of Dimapatoy watershed. Under these agreements, the IPR holders shall develop their claimed areas following the approved farm plans while the local government of Upi shall provide the seedlings required in developing the farms.
- Public-private partnership in developing bare forestlands continues to expand in Sarangani province (refer to highlights above).
- Completion of FLUPs in several LGUs in ARMM, such as in Datu Odin Sinsuat, Shariff Aguak and Datu Unsay in Maguindanao, is being delayed due to peace and order problem in these areas. However, in other areas (Zamboanga del Sur, Magpet, North Cotabato and Sta. Cruz and Bansalan Davao del Sur) community profiling and mapping and analysis are in progress. In other municipalities such as in Glan, Malapatan and Malungon, Sarangani Province, review of the draft joint FLUP implementation agreement is on-going in preparation for eventual signing next quarter.
- Consultations with DENR officials in Regions 9, 11 and 12 were undertaken to discuss plans for scaling up FLUP in these regions. As agreed, DENR-FLUP assistance teams will be re-constituted in the regions and EcoGov will train these teams in FLUP together with the provincial TWG and the municipal TWG in selected provinces and municipalities, which will serve as “learning sites.”
- TWG members of Sarangani Province with assistance from the Legal Specialist of EcoGov reviewed and finalized last 16-17 December 2009, the Provincial Environment Code. The code was officially transmitted to the Governor of Sarangani on 18 December 2009 for endorsement to the Sangguniang Panlalawigan for enactment into ordinance.

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

- DENR FLUP assistance teams in the field offices (Community Environment and Natural Resources Office or CENRO and Provincial Environment and Natural Resources Office or PENRO level) have expressed concerns over the limited time that they could provide in scaling up FLUP because of work overload in the

implementation of regular tasks. At the same time, they have limited budget in the field especially for travel to assist scaling up LGUs. Because of this situation, the FFM team requires the creation of provincial TWGs (PTWG) at the PLGU before scaling up FLUP in the province. This way some of the tasks in FLUP formulation are handled by the PTWGs, lessening the burden on DENR staff. PLGUs and municipal LGUs also allocate funds to support FLUP formulation and in some instances support travel expenses of DENR staff.

- The unstable peace and order condition in many parts of Mindanao particularly in Basilan, Lanao del Sur and Maguindanao, continues to be a major concern for the FFM team. Community profiling, claims mapping, farm planning and field validation of FLUP data and maps have been delayed for security reasons. Forest protection and enforcement activities of LGUs are also adversely affected. EcoGov continues to monitor the situation and adjust team schedules as necessary to ensure the safety of team members and activity participants.

*d. Objectives for the Next Quarter*

- Facilitate approval of co-management financial guidelines in Sta. Catalina, and draft the financial guidelines of Bayawan City and Alcoy, Cebu.
- Continue FLUP scaling up activities in target LGUs of Bohol, Cebu, Negros Oriental Zamboanga del Sur, Sarangani, Davao del Sur and Davao Oriental.
- Conduct FLUP orientation for the 3 LGU's within the Carood Watershed in Bohol.
- Facilitate arrangements with DENR for the parcellary survey of farm lots of IPR applicants in La Libertad, Negros Oriental.
- Facilitate approval of the draft IPR policy of Bais City.
- Conduct FLUP orientation, data gathering and mapping training for DENR Region 11 FLUP assistance team.
- Conduct FLUP situational analysis training for the scaling up LGUs of Zamboanga del Sur.
- Provide guidance to LGUs in claims mapping, farm planning and eventually IPR issuance in Maasim, Upi, Wao, Bagumbayan, Bayawan, Sta. Catalina and La Libertad.
- Facilitate the creation of FFM special account and drafting of the annual rehabilitation plan for the co managed area in Wao, Lanao del Sur.
- Facilitate signing of FLUP implementation Memorandum of Agreement (MOA) in Malungon, Malapatan and Glan, in Sarangani province.

- Assist TFCAI in negotiating with RMACC for the development of bare forest lands in Kiamba into Arabica coffee based plantations.
- Advocate for LGU budget to support FFM implementation in 2010 for target LGUs.
- Assist FMB in finalizing the forestry enforcement handbook.

*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. The team involves municipal and provincial LGUs, DENR staff and National Commission for Indigenous Peoples (NCIP) in as many actions as possible, and the FLUP process, by design, is built around multi-sectoral participation. EcoGov is building capacity of provincial governments which can further promote improved forest land management to non-EcoGov LGUs. The team has also been testing alternative financing schemes for FFM, such as payment for ecosystem services, public-private partnership and fund leveraging to ensure financial sustainability of FFM activities at the LGU level. These approaches, processes, systems and standards are being documented into knowledge products which the LGUs and DENR can use in scaling up FLUP formulation, legitimization and implementation.

## 2.2 Improved Coastal Resource Management

*a. Expected Outputs for the Period*

The expected outputs for this period as indicated in the Year 6 work plan are presented below:

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

<i>Expected Outputs</i>	<i>Status</i>
1. At least five MPAs brought to the “established” level in Davao Gulf and Central Visayas	<i>Ongoing in eight MPAs</i>
2. Initial implementation of CRM plans of Pilar and Carmen	<i>Ongoing</i>
3. Initial ring-fencing and financial management technical assistance to IBRA 9 and its MPA networks and BATMan	<i>Achieved in BATMan</i>
4. Collaboration with FISH and BFAR on the review of mariculture development directions	<i>To be initiated and organized by USAID</i>
5. Completion of a set of knowledge products on MPA networks and inter-LGU alliances	<i>Ongoing</i>
6. Participate in national policy initiatives in relation to DENR NIPAS and State of the Coasts, the CTI and related climate change activities	<i>Continuing collaboration with ICE CREAM Project and the CTI Support Program of USAID</i>

*b. Summary of Accomplishments and Activities*

**CRM Sector –Wide Highlights**

- Significant progress was achieved in activities conducted in target LGUs leading toward the achievement of the sector’s biophysical targets.
  - Pilar (Camotes Islands) is strengthening implementation activities in its mangrove and tourism zones to complement its successes in the management of its marine protected areas. Pilar is tapping the United Nations Development Programme (UNDP) funding for these two zones. It is expected that the target for improved management of coastal areas will be achieved in Pilar next quarter.
  - MPA strengthening work was pursued in about five established MPAs in Central Visayas. Two MPAs of the DuGJan network — the Guinacot Marine Sanctuary and Cabantian Marine Sanctuary, with total area of 35.9 hectares are more advanced in their enforcement, site development, and MPA monitoring and evaluation activities. More work on these in 2010 will enable these MPAs to reach the strengthened level within the next two quarters.
  - The establishment of new MPAs was the focus of the team’s effort in the Davao Gulf area. Of eight MPAs currently being assisted, two (Tuban-Tagabuli and Bato MPAs of Sta. Cruz) have approved management plans and 2010 action plans. The legitimization of the management plans and ordinances of the seven others (Tambo, Camudmud, Linosutan Coral Garden, Dadatan Coran Garden, Sanipaan, Sta. Cruz and Cogon MPAs of Samal City) is ongoing with SP/SB approvals expected next quarter.
- MPA networks in Bohol (DuGJan), Negros Oriental (BATMan) and Camotes Sea remain active and continued to hold regular meetings. These three networks, as well as the two MPA networks in Illana Bay, will prepare their 2010 action plans with firm-ed-up budgets in January 2010.
- The knowledge product on MPA monitoring and evaluation (Coral Reef Monitoring for Management), co-produced with the FISH Project is ready for printing. The EcoGov MPA Network Advisor and the former EcoGov CRM Sector Coordinator are among the co-authors of the book. EcoGov LGU partners in Illana Bay, Camotes Sea and Davao Gulf are among the test sites of the Monitoring and Evaluation (M & E) tools included in the knowledge product.
- The set of success stories on inter-LGU alliances for CRM and MPA networks, and the technical analysis of the results of M & E of MPAs have undergone technical review and areas for improvement have been identified. For the latter knowledge product, a set of derivative materials (i.e., less technical and for field application) is proposed.

- Field teams continued to support the Integrated Coastal Enhancement: Coastal Research Evaluation and Adaptive Management (ICE CREAM). Project of the Department of Science and Technology (DOST). EcoGov staff facilitated communications with LGUs in Illana Bay, Camotes Islands and Davao Gulf and participated in ICE CREAM’s regular biophysical monitoring activities in these areas. They have assisted the LGU writers in providing inputs to their State of the Coast reports.
- Team members participated in a number of meetings for the discussion of USAID Coral Triangle Support Project (CTSP) in relation to work plan development, performance monitoring plan and site activities.
- Support was give to the 10<sup>th</sup> PAMS Congress last October 22-24, 2009. Two presentations were made by EcoGov staff during the event: the Zamboanga Sibugay experience in managing baywide fisheries resources through unified fisheries ordinances, and the ridge-to-reef analysis of the threats to Davao Gulf. The field teams also assisted some LGU partners prepare posters highlighting their CRM initiatives.
- On 24 November 2009, the EcoGov MPA Network Advisor presented a paper on “MPA Networking in the Philippines: Finding Synergy Despite Adversity” at the East Asian Seas Congress hosted in Manila by the DENR in collaboration with PEMSEA. The presentation provided information on the EcoGov experience and lessons learned. CRM materials were distributed to various visitors to the EcoGov information booth which was part of the “SEANergies” exhibit (see GOAD).

**Table 4. Status of Performance Targets as of Year 6 Quarter 1 (as of December 2009)**

<b>Seven-Year Sector Targets</b>	<b>Year 6 Targets</b>	<b>Target per region (for the extension period)</b>	<b>Yr6 Q1 Accomplishments</b>	<b>Remarks</b>
Place under improved management about 117,000 hectares of coastal areas (of which target for Y6Y7 is 10,728 ha)	Place 10,728 hectares under improved management	Central Visayas: Pilar - 17,351 hectares; Carmen - TBD  Davao Gulf: Davao City – TBD  Western Mindanao: TBD	Initial implementation of Pilar CRM Plan in mangrove and tourism zones ongoing; initial implementation in mangrove zone of Carmen  Initial implementation of SWM in settlement zone  Initial implementation in mangrove and mariculture zones	Target expected to be achieved in Pilar next quarter.
Establish 29 marine sanctuaries (of which the Y6Y7 target is 9 with 135 ha)	Establish 5 marine sanctuaries	Central Visayas: 3 marine sanctuaries (Bohol; Negros Oriental)	Ongoing assistance to LGUs to complete and legitimize plans and ordinances	At least 3 marine sanctuaries established next quarter

Seven-Year Sector Targets	Year 6 Targets	Target per region (for the extension period)	Yr6 Q1 Accomplishments	Remarks
		Davao Gulf: 8 marine sanctuaries (Sta. Cruz, Samal City, Davao City)		
Strengthen 60 marine sanctuaries (of which the Y6Y7 target is 10 with 200 ha)	Strengthen 5 existing marine sanctuaries and achieve enforced level	Central Visayas: 5 marine sanctuaries (Bohol; Negros Oriental)  Western Mindanao: 2 marine sanctuaries (Illana Bay)  Davao Gulf: TBD	Ongoing assistance to LGUs to strengthen enforcement, IEC and M & E, and linkages	2 marine sanctuaries expected to reach strengthened status next quarter.
<b>Other Targets:</b>				
	Continue to strengthen inter-LGU alliances and MPA networks	Central Visayas: CSCRMC  DuGJan MPA Network  BATMan MPA Network  Western Mindanao: IBRA 9 and two MPA networks	DuGJan and BATMan networks have completed Strategic Action Plans; financial management guidelines have been adopted	2010 Annual Action Plans to be prepared by alliances and MPA networks next quarter

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

#### *Coastal Area Management*

- Assisted the LGUs of Pilar and Poro in developing their CRM and MPA action plans for 2010 which became the basis for the allocation of their respective CRM budget. Pilar, Poro and San Francisco (which prepared its 2010 work plan the previous quarter) have the following priority activities in their work plans: (a) maintenance/ replacement of marker buoys, (b) regular patrolling and maintenance of guardhouses, (c) continuing capacity building for members of resource management bodies; (d) biophysical monitoring and evaluation of MPAs, and (e) regular meetings of CRM/FRM/MPA bodies.
- Assisted Pilar in the refinement of their integrated coastal resource management plan and ordinance, both of which were legitimized in April 2009. The LGU decided to revise the cost estimates contained in the plan as well as the projected revenues from different coastal zones. The ordinance was revised to establish the fines for specific prohibited acts. SB approval of the revised ordinance was obtained before the end of the quarter. The refined plan is under review.

- Coordinated with Plan Philippines, a long-time partner of EcoGov in Camotes, in identifying activities in CRM plans and 2010 actions plans of the four Camotes Islands LGUs that can be supported by funds that are available for disaster risk reduction (DRR).
- LGU-Carmen was similarly assisted in adjusting their CRM plan after it decided to be part of DENR's ICRM Project funded by the Asian Development Bank (ADB). This necessitated the expansion of the CRM plan, which was previously prepared with EcoGov assistance, to include additional components such as watershed management, livelihood, infrastructure, and solid waste management. The revised plan is ready for submission to Integrated Coastal Resource Management Project (ICRMP). With this new development, there is need to work out the EcoGov-ICRMP collaboration in Carmen for the next two years.
- Attended the quarterly meeting of the Board of Coordinators (BOC) of the Camotes Sea CRM Council (CSCRMC) last November 2009 where each of the working committees reported on their recent activities. The BOC had in its agenda the holding of two activities, which the EcoGov agreed to help design and facilitate: a) the CRM forum for CSCRMC member LGUs and b) the annual action planning of the Council. The BOC decided to defer both to the last week of January 2010 due to conflicts in the schedules of LGU members.

### ***Strengthening Existing Sanctuaries***

- Provided technical support to the Bohol Environmental Management Office (BEMO) and the DuGJan MPA network in strengthening the management of established marine sanctuaries. The assistance focused on two MPAs of the DuGJan network — the Guinacot Marine Sanctuary and Cabantian Marine Sanctuary, which have a total area of 35.9 hectares. These MPAs were assisted in the preparation of their action plans, and in implementing enforcement, site development, and MPA monitoring and evaluation activities. These MPAs are expected to reach the “strengthened” level within Year 6.
- The five-year Strategic Action Plan of the BATMan MPA network was finalized with EcoGov and Environment and Natural Resources Division (ENRD) (Negros Oriental) inputs. This will be the basis of the network and individual LGU members to proceed with the preparation of their 2010 work and financial plans. The BATMan MPA Council decided to furnish the Local Chief Executives of the four LGUs with copies of the strategic plans in order to obtain financial and policy support.
- Facilitated the 4 December 2009 meeting of the BATMan MPA Network Core Team to draft the financial management guidelines for the common fund of the network. Based on the Memorandum of Agreement among the four LGUs, each LGU will contribute PhP 50,000 (USD 1,604) annually for the operations of the network. The draft financial management guidelines proposes to establish an MPA Network Trust

Fund under the management of an LGU Trustee and outlines the procedures for the collection of LGU contributions and the fund's utilization, disbursement, recording and reporting. It has been suggested that Bindoy LGU be designated as Trustee. The draft guidelines were presented for review during BATMan's year-end assessment last 28 December 2009 and these are expected to be approved in early 2010.

- With ENRD (Negros Oriental), facilitated a dialogue between the BATMan MPA core team and the Tañon Strait Protected Area Superintendent (PASu) on 8 October 2009. The discussions focused on concerns of the network regarding the sharing of user's fees that are being collected under the Integrated Protected Area Fund (IPAF) scheme and recognition of the enforcement activities of the LGUs by the PAMB. Two action points were agreed upon during the dialogue—the BATMan MPA Council will (a) come up with a resolution requesting PAMB that the members of the network be exempted from the user fee collection sharing scheme (i.e., so they can use the funds for their on-site management activities), and (b) request PAMB for the training of the Bantay Dagat of the member LGUs and their deputation as protected area enforcers. These two points will be taken up in the next network council meeting.
- As a result of the efforts of EcoGov and ENRD to promote solid waste management in coastal municipalities, Bindoy, a leading member of the BATMan MPA network expanded its IEC on SWM to cover its coastal communities (refer to Section 2.4 on Urban Environmental Management).
- Continued to assist the local MPA monitoring teams of Pilar, San Francisco and Danao City in the conduct of participatory monitoring and evaluation activities for the transition season and in the feedback of the results in barangay assemblies. The activities were funded by the Municipal LGUs (MLGUs) which indicate that MPA M & E is starting to be mainstreamed into the LGU CRM/MPA program.
- EcoGov and ENRD jointly assisted Siaton and Sta. Catalina in the conduct of participatory coastal resource assessments (PCRA). The two LGUs requested such technical assistance to enable them to formulate their CRM plans. Siaton's MPA management program, which is currently being implemented, will form part of the broader CRM plan.
- Facilitated communications and contact with San Francisco and Pilar regarding ICECREAM activities planned for December. On 5-6 December 2009, EcoGov assisted the ICECREAM Research Assistant and the Municipal Agriculture Staff in installing cement blocks inside the Santiago Marine Sanctuary of San Francisco. The blocks will be used as markers when conducting biophysical monitoring and evaluation. After the installation of the blocks, a fish and benthos survey was conducted. The plan to install a weather station in Pilar on 7 December 2009 was postponed due to some technical problems with the equipment.

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

### ***Coastal Area Management***

- The CRM team jointly with the UEM Mindanao team, conducted on 6 October 2009 a solid waste management orientation in three puroks (Dumalag 1, 2, & 3) of Barangay Matina Aplaya. The orientation covered the basic concepts and components of SWM and how it will benefit the marine sanctuary (marine turtles or pawikan sanctuary) of the barangay. As part of the activity, each participating purok developed an action plan and formed SWM teams to facilitate the implementation of the activities listed below. The barangay agreed to provide incentives to the participating puroks.
  - Enforcement of waste segregation at source
  - Promotion of composting of biodegradable waste at source
  - Establishment of a common composting area in each purok for the biodegradable waste of generators which have no area for backyard composting
  - Organization of SWM Teams by major waste generators in the puroks (e.g., schools, resorts)
  - Strengthening of IEC and continuing coordination with various sectors.
- Subsequently, the three purok SWM teams held orientation-meetings last October 14, 16 and 17, 2009 to start the information campaign in the purok on the SWM program of the barangay. Different stakeholders including beach resorts owners, representatives of day care centers and elementary schools and the religious sector, attended these meetings. The Seagull Beach Resort, located in Purok Punta Dumalag 3, provided a working model of on-site composting linked to the production of vegetables for the resort's restaurant. For its part, the barangay TWG started the mapping of the households per purok for their own monitoring of households' compliance with mandatory segregation.
- With the FFM sector, the CRM core team based in Davao City was given a detailed orientation last 16 November 2009 on the co-management arrangement that can be applied to the mangrove areas of Brgy Matina Aplaya. The terms of a LGU-DENR co-management agreement and the steps to put such agreement into place were discussed. Although interested in the scheme, the EcoGov CRM core team could not make a commitment in view of resource constraints (staff and budgets) of the LGU, due to the pending decision on the creation of the CRM office of the Davao City. Up to now the City agricultural office has been taking the lead in CRM implementation.

### ***Strengthening Existing Sanctuaries***

- Assisted the EcoGov CRM core team in Davao City in the final revision of the Punta Dumalag MPA of Matina Aplaya. Comments made by the SP during the committee meeting last August 2009 were incorporated into the plan. The final approval of the plan is expected to next quarter.

- Coached the CRM-TWG of Samal City in the development of the communication plan and IEC materials to address issues that are common to its MPAs: a) fishing within the MPA b) use of illegal fishing methods (i.e., dynamite, compressor, baling), b) low awareness and support from the communities. The TWG agreed to develop and post IEC materials (i.e., tarpaulin, posters) in the coastal barangays where the MPAs are located and in other strategic places to increase awareness and understanding of MPAs at the community level.
  
- Assisted in the technical review of the management plans of five MPAs (Sanipaan, Camudmud, Coral Garden, Sta. Cruz, and Cogon) before their submission to the SP. Also reviewed the accompanying ordinances to ensure the correctness of the technical description and coordinates of the MPAs. The LGU proceeded with the conduct of public hearings for the ordinance in all concerned barangays. At the end of the quarter, the ordinances were on 2nd reading at the SP and are expected to be enacted before the end of January 2010. The enactment of the ordinances will legitimize the MPA plans.
  
- Facilitated the formulation of the implementing rules and regulations for the Environmental Users' Fee (EUF) scheme that Samal City incorporated into its revised Tax Code. The EUF will be imposed on tourists visiting the city's MPAs. The Legal Specialist of EcoGov served as resource person during the workshop which was held on 27-28 October 2009. The draft Implementing Rules and Regulations (IRR) is currently being reviewed by the Legal Officer of Samal City. Meanwhile, the Tax Code is under review by the Davao del Norte Sangguniang Panlalawigan.
  
- Facilitated a one-day assessment of Samal City's CRM/MPA accomplishment vis-à-vis its 2009 action plan and the prioritization of activities planned for 2010. The City allocated for 2010 a total budget of PhP 350,000 (USD 7,447) for MPA management, specifically earmarked for capacity-building of local management bodies, IEC, monitoring of MPAs, site development and enforcement (patrolling).
  
- Assisted the CRM focal person of Sta. Cruz to identify MPA related activities which will be included in their 2010 regular program and budget allocation, considering the adoption by the SB of the MPA management plans of Tuban-Tagabuli and Bato MPAs during its 2 December 2009 session. The CRM team also initiated the conceptualization of a mariculture forum for the purpose of educating fish cage operators in Tagabuli Bay on sustainable mariculture practices.
  
- Assisted the ICE CREAM Project in the biophysical monitoring of Sanipaan Marine Park and Coral Garden of Samal City between 13 and 16 November 2009.

## CRM Accomplishments – Western Mindanao

### *Coastal Area Management*

- Conducted a detailed documentation of the status of the fishery registration activities of the individual LGU members of the Illana Bay Regional Alliance (IBRA) 9. The study generated information on a) the fishery registration ordinances that have been enacted by the LGUs; b) the extent of enforcement of the registration and licensing of fishers, boats and gears; c) revenues that are being generated; and d) problems being encountered in enforcing their fishery ordinances. It showed decreasing compliance and untapped revenue potentials in most of the LGUs. Of the eight LGUs, only Dumalinao was able to achieve 100% registration of fishers and licensing of boats. The study also highlighted gaps in the registration processes of the municipal LGUs thus encouraging fishers to register in Pagadian City. The results of the study were presented in a meeting of the Fishery Law Enforcement Team (FLET) of the province of Zamboanga del Sur on 15 December 2009, and it was recommended that the registration requirements of the LGUs include documents that are required by the Philippine Coast Guard (PCG) and the Maritime Philippine National Police (PNP).
- Followed up with individual IBRA 9 LGU members, their budget allocation for 2010. Only Dinas and Tabina have not completed their budgets proposals for 2010. The other LGUs have allocated budgets ranging from Php 160,000 (USD 3,404) in Labangan to Php 2.0 million (USD 42,553) in Dumalinao. These budgets are to support IEC, enforcement, MPA management, fisheries and livelihood and other CRM activities, and include their contribution to the IBRA9 Fund. The budget of Dumalinao provides for the establishment of one complete unit of fish cage in its mariculture park.
- For its part, the Province allocated Php 1 million (USD 21,277) from its 20% Development Fund to support the 2010 operations of IBRA 9. This includes the Php 100,000 (USD 2,128) PLGU annual contribution to IBRA 9. A large share of the 2010 budget is earmarked for enforcement, including repair of patrol boats and procurement of night vision telescope. This budget allocation is considered a landmark decision of the PLGU. In 2009, its budget support to IBRA 9 was only Php 300,000 (USD 6,383).
- Participated in the discussions led by the Provincial Agriculturist's Office (PAO) and BFAR on some follow-up actions to the Investor's Forum for the Dumalinao Mariculture Park that was held last September 2009. The group helped the Dumalinao LGU prepare the design for the orientation/training of fish net sewers, and fish cage fabricators and caretakers. This design will be presented to the BFAR Regional Director for approval.
- Solid Waste Management was integrated into the CRM/MPA management activities of Dumalinao. The LGU expanded its IEC campaign to the coastal areas focusing on schools.

- Continued to attend and participate in IBRA 9 FLET meetings. A major agenda item in the 15 December 2009 meeting was the “payao” (fish aggregating devices) issue—the existence of about 140 “payao” units within the municipal waters of Illana Bay particularly in Dumalinao, San Pablo and Tukuran. Some “payaos” have become threats to small fishers as armed men are deployed to guard the structures. There have been reported incidents of fishers being fired upon when they pass or get near the “payao”. Two recommendations related to this issue were made: (a) all coastal municipalities will enact ordinances regulating and prohibiting the establishment of “payao” within the municipal waters, and (b) conduct of a two-day monitoring and mapping of the location of the “payaos” so appropriate enforcement strategies can be developed.
- In November 2009, consultations and discussions were held with key staff of the PLGU (i.e., IBRA 9 PMO, PAO, PEMO and PPDO) regarding some institutionalization concerns and to follow up planned activities and other recommendations from previous technical assistance efforts of EcoGov particularly on the organization of the Provincial Environment Management Office (PEMO) and the strengthening of MPA networks. The discussions pointed to the need to strengthen PMO support to IBRA 9 and establish effective coordination and reporting and feedback systems at different levels—province, IBRA, PMO, networks and LGUs. It was agreed that coordinated action planning will be done next quarter for IBRA and the MPA networks so priorities can be established and technical assistance needs and opportunities can be identified.

### ***Strengthening Existing Sanctuaries***

- Continued to monitor LGU activities to improve the management and protection of their MPAs. Initiated the collection of more updated information on reported violations in the different sites.
- Facilitated the communication with the LGUs of IBRA 9 regarding ICE CREAM activities in Illana Bay. Participated in the establishment of fixed monitoring sites inside and outside four MPAs in Tukuran, Tabina, Pagadian City and Dumalinao and in the technical MPA monitoring in the municipality of Tabina, Dumalinao and Tukuran on 12-14 December 2009.

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

- The political instability in Tudela, Cebu (i.e., two mayors contesting the Local Chief Executive or LCE seat) continued to affect EcoGov’s delivery of technical assistance to the LGU and the ability of the LGU-CRM body to implement their CRM program. The team has made adjustments to its technical assistance strategies, focusing on implementation activities that remain doable under existing conditions and on the continuing participation of the LGU in the activities of the Camotes Sea CRM Council.

- Davao City still has not clearly established the responsibility center for its CRM program so their MPA and mangrove co-management activities have not moved forward significantly. The LGU has recently proposed the creation of the CRM office through an Executive Order (as there is no more time to create it through an ordinance due to the imminent 2010 elections) but this would still be a temporary set-up and would require some time to operationalize. EcoGov believes that this longstanding issue has better chance of being resolved under a new administration, so actions to draft the Executive Order has been put off. Until June 2010, EcoGov and the LGU staff will need to develop and firm up a workable solution and come up with a strategy for its presentation to the new City Mayor and SP.
- While the level of development and therefore the support needs of IBRA 9 have changed, the PMO of IBRA 9 continues to operate under the same framework (functions, structure and operations) as when it was created. It has been unable to sustain the momentum of some of the EcoGov supported initiatives after the reduction of TA presence in the region last September 2009. There is need to review the overall support system for the alliance and MPA networks so that it becomes more responsive and efficient. EcoGov proposes to direct its technical assistance to Zamboanga del Sur to address this particular concern.

*d. Objectives for the Next Quarter*

- Advance improved management of the coastal areas of Pilar LGU
- Ensure 2 MPAs reach strengthened level (Bohol)
- At least 3 MPAs established (Central Visayas, Davao Gulf)
- Approval of management plans and ordinances of Samal City MPAs
- Implementation of financial management systems in Bohol and Negros Oriental MPA networks
- Completion of 2010 Action plans of inter-LGU alliances and MPA networks to serve as basis for budget allocation, continuing EcoGov TA and support from other partners
- Complete technical M & E paper and start derivative materials; complete draft of success stories on inter-LGU alliances and MPA networks.

*e. Status toward Achieving Sustainability of Efforts*

- The EcoGov CRM team has continued to mentor and coach local counterparts in action planning, plan implementation and performance review to ensure that they continue to implement their CRM programs even beyond project life. Initiatives to strengthen inter-LGU collaboration and MPA networks provide a framework to scale up and provide buffering effects for future governance changes.

- Continuing the CRM efforts of LGUs through sustained financial support for implementation activities remains a significant challenge. The team continues to ensure that regular annual action planning is being conducted by the LGUs as a strategy for fund leveraging within and outside LGU funds. Furthermore, linkages with NGAs, NGOs, academe and private partners (e.g., ICECREAM, Ramon Aboitiz Foundation Inc., Coastal Conservation and Education Foundation Inc.) are being facilitated to continue assistance to the LGUs in their CRM efforts as the EcoGov project enters the extension period. Activities are increasingly focused on integrated activities with other sectors, the refinement of knowledge products, refinement and implementation of a knowledge management strategy, with a view to disseminating knowledge products, promoting internalization of good practices and establishment of learning systems in CRM.

### 2.3 Improved Solid Waste Management

The Urban Environmental Management (UEM) component of EcoGov consists of activities in two interlinked subcomponents, Solid Waste Management (SWM), and Waste Water Management (WWM)

#### *a. Expected output for the Quarter in SWM*

**Table 5. SWM Expected Outputs for the Quarter**

<b>Expected Outputs</b>	<b>Status</b>
Selection of new LGU partners in SWM in Central Visayas (Tañon Strait) and Davao Gulf area	<i>Completed; 12 LGUs identified.</i>
Signing of technical assistance MOAs with Davao Gulf provinces	<i>Draft MOAs under review by DENR Region 11 and EcoGov Manila</i>
SWM orientation for new PLGU and MLGU partners	<i>Completed</i>
Completion of all SLF engineering designs and IEE, for submission to EMB for Environmental Compliance Certificate (ECC) issuance	<i>14 SLF designs completed; 1 draft for review; ECCs issued to 5 SLFs; 3 IEEs awaiting approval; 7 IEE attachments for completion</i>
Completion of reformatted SWM Training Guide and Best Practices Sourcebook	<i>Ongoing. Best Practices Sourcebook under further refinement.</i>

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

##### **UEM-SWM Sector Wide Highlights**

- Twelve new LGU partners from Central and Western Visayas and Davao Provinces were selected for technical assistance in Year 6. These LGUs and the four Davao provinces were given an orientation on SWM and the EcoGov technical assistance last December 2009.

- Most of the current LGU partners are continuing their SWM activities particularly in provinces with strong PLGU support such as Negros Oriental, Sarangani, South Cotabato and North Cotabato. Efforts to complete and legitimize plans, enact and enforce ordinances, expand the coverage of their SWM program, improve waste diversion activities and develop cost recovery plans have been noted in the monitoring activities of the team.
- Four of the LGUs which have been provided assistance in SLF design are into the actual construction of the facilities. They continue to be provided advice by EcoGov on leachate treatment, construction management, and the preparation of the SLF operations manual. Bais City and Bayawan City have completed their SLF operations manuals with EcoGov assistance.
- Given the EcoGov focus on marine key biodiversity areas, there is increased opportunity for the integration of UEM and CRM activities of EcoGov. The two sectors in fact held a joint CRM and UEM planning workshop at the start of the quarter. In Central Visayas, three additional CRM LGUs from the Camotes Sea and BATMan MPA networks have been included in the SWM target LGUs. This brings to seven the number of LGUs in these MPA networks that are being assisted in SWM. There are also ongoing efforts to introduce SWM in Brgy. Matina Aplaya of Davao City as part of the management of the coastal settlements that are adjacent to proposed MPAs. In Illana Bay, the PLGU has agreed to give priority to IBRA 9 LGUs in scaling up their SWM activities.
- EcoGov initiated consultations with the National Solid Waste Management Commission (NSWMC) Secretariat and offered to contribute to the ongoing effort of the NSWMC and JICA to revise the Technical Guidebook on SWM Disposal Site Design and Operations. EcoGov has assisted 22 LGUs in the design of Category 1 and 2 SLFs and is in the process of finalizing a design manual for these categories of SLF based on these experiences. The collaboration would lead to the development of a common guide and reference material that can be used by other projects and LGUs themselves. Consequently, EcoGov shared with the Secretariat the draft of its SLF design manual and took part in meetings and workshops for the review of the technical guidebook which is targeted for completion on the first quarter of 2010.
- EcoGov also participated in the public consultation and review of two other SWM guidebooks being developed by NSWMC Secretariat, with JICA support: (a) closure of disposal sites, and (b) SWM planning. Since only a day was allotted to these, the actual review was rather limited.
- The SWM Best Practices Sourcebook was reformatted and enhanced with the inclusion of more documentation of good practices. This material has been reviewed by senior members of the UEM team and additional refinements have been proposed before this is turned over for formatting, styling and editing.

## UEM-SWM Accomplishments – Northern Luzon

- EcoGov continued to guide the seven LGUs which were assisted in SLF development in the redesign of their respective leachate treatment systems as their original designs (leachate recirculation system with a holding tank) were deemed inadequate for the potential leachate that will be generated in the disposal sites. It was recommended that leachate treatment ponds be added to the facility to ensure that the final effluent outflows will meet DENR water quality standards. These designs are expected to be completed and will be reviewed by EcoGov during the second quarter of Year 6.
- EcoGov also continued to monitor the physical developments in the sanitary landfills (SLFs) in the seven LGUs. Their status are described below:
  - Solano, Nueva Vizcaya. It finally closed its controlled dumpsite and started the operations of its sanitary landfill on 21 December 2009 although some facilities (leachate treatment ponds, guardhouse, administration building) still need to be completed. The leachate holding tank is in place but the treatment ponds are still being constructed so the leachate is being currently being recirculated. A 24-hour security system will be in place next quarter. More work is still needed to stabilize the slope of the closed controlled dumpsite before the final cover and vegetation are established.
  - Bagabag, Nueva Vizcaya. It has started digging the first cell and the adjacent leachate holding pond using equipment rented from the PLGU. It eventually decided to purchase its own backhoe, thus work will continue in February 2010.
  - Aritao, Nueva Vizcaya. It suspended construction activities pending modification of the leachate treatment system and correction of the lay-out of leachate collection pipes (i.e., provide with gravel bed and gravel cover as filter material to protect the pipes). Construction will resume during the next quarter. Aritao has completed the draft of its SLF Operations Manual.



*The on-going construction of the Bagabag Sanitary Landfill in Northern Luzon. Bagabag was one of the seven LGUs that were provided TA in SLF design in Year 4. The site is one of the identified future SLF learning sites in the region. EcoGov still provides intermittent TA on SLF construction management and preparation of operations manual to proposed SLF learning sites in the region. Photo by Mel Sapdoy/USAID-EcoGov.*

- Bayombong, Nueva Vizcaya. The second cell is currently being constructed as the first cell is almost full. The leachate collection system for the new cell will be improved to prevent clogging problems encountered in the first cell.
- Maddela, Quirino; Cauayan City, Isabela, and Bambang, Nueva Vizcaya. They are still completing the needed documents with the assistance of the Environmental Management Bureau (EMB) provincial staff for their ECC application. They will submit the complete documents by first quarter of 2010.
- The second draft of the Provincial SWM Plan of Aurora, which the EcoGov team helped put together, was completed and turned over to the Provincial Environment and Natural Resources Office (ENRO) of Aurora Province. Included in the draft document were recommendations on how the SWM plans of the component LGUs can be consolidated and analyzed, as per the requirement of RA 9003.

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

- A joint orientation for potential SWM and WWM partner LGUs was conducted last 2-3 December 2009 in Dumaguete City. New LGU partners for SWM are Aloguinsan, Moalboal, Badian, and Barili of the Province of Cebu; and Calatrava and Toboso of Negros Occidental. These LGUs are located at both sides of the Tañon Strait.
- Three LGUs, all with EcoGov assistance in CRM/MPA management were identified for assistance in SWM. These are Pilar in Camotes Islands, Cebu, and Tayasan and Ayungon in Negros Oriental. The last two are part of a four-LGU MPA network in Tañon Strait which plan to integrate SWM into their MPA network program and to establish a common waste disposal facility. The other two are already receiving assistance from EcoGov and ENRD.
- Technical assistance to these LGUs will be delivered through the PLGUs (Cebu and Negros Oriental) as part of their scaling up program. EcoGov and DENR Region 6 will however, need to sign MOAs with Calatrava and Toboso as EcoGov has no existing agreement with Negros Occidental. The DENR Region 6 Executive Director and EMB Region 6 Director have formally endorsed the participation of these LGUs in the project.
- EcoGov continued to provide assistance to its partner LGUs in Negros Oriental and Bohol, particularly those which attained 25% waste diversion in Year 5. These LGUs need to strengthen their waste diversion performance.
- Bindoy. Conducted last 17-18 November 2009 a SWM enforcer's training for its new set of enforcers, with assistance from the ENRD. The LGU is strictly enforcing waste segregation and segregated collection in all its coastal barangays. It conducted another SWM orientation for officials of coastal barangays as part of the strategic plan of the BATMan MPA network.

- Manjuyod. Continues to strictly enforce waste segregation at source and segregated collection in its collection area. It plans to conduct a series of SWM orientations particularly in its coastal barangays. This LGU is also a member of the BATMan MPA network.
- Zamboanguita. Deputized and deployed trained SWM enforcers in the poblacion and public market. Strict SWM enforcement will extend to the Malatapay Flea Market (a significant weekly event in the province) during the next quarter.
- Siaton. Deputized and deployed its trained SWM enforcers. It purchased the site that was approved by the MGB for development as sanitary landfill. The Sangguniang Bayan approved, on 14 December 2009 the financial management guidelines for the SWM special account it plans to establish under the General Fund.
- The BEMO continues to monitor the SWM activities of the component LGUs and provide assistance where necessary. The EcoGov-assisted LGUs continue to enforce their respective SWM ordinances. Albur commenced full operations of its composting facility since November 2009, with assigned staff, enforced segregation at the public market, and improved segregated collection. The LGU plans to turn over the operations of this composting facility to a women's organization.
- Bayawan City's sanitary landfill is almost complete. The draft of its SLF operations manual was completed through a joint workshop last 29 October 2009 of representatives the CENRO, EcoGov, and ENRD and lead by the German Development Service (GED). It will be presented to the Ecological SWM Board (ESWMB) during the month of January 2010. The manual was based on the outline developed by EcoGov.
- The draft SLF operations and maintenance manual of Bais City was approved by the ESWM Board last October 2009 and will be finalized and adopted on the first quarter of 2010. With this manual, Bais City should be able to improve the operation of its sanitary landfill and secure the needed budget support for the facility.
- A Smoke Free Negros Oriental Ordinance is being proposed at the Sangguniang Panlalawigan (SP) of Negros Oriental. The ENRD office suggested to the SP that they include in that proposed ordinance the "no burning of agricultural wastes" policy. This would also support the "no burning" initiatives of EcoGov assisted LGUs. ENRD requires technical assistance in drafting this specific provision.
- EcoGov supported the Negros Oriental SWM Program review spearheaded by the ENRD on 8 December 2009 to assess performance of the PLGU and the city/municipal LGUs on SWM and to plan for 2010 activities.

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

- Coordination meetings and scoping activities were conducted in the four provinces that cover Davao Gulf, namely Davao del Sur, Davao del Norte, Davao Oriental, and Compostela Valley (ComVal). DENR Region 11, EMB Region 11, DENR-PENRO Davao Oriental and EMB-PEMO Davao Sur were also consulted in the selection of potential new LGU partners for SWM. The initial shortlist consisted of ten LGUs.
- An orientation on SWM and Legal Framework (Module 1) was conducted on 1-2 December 2009 by EcoGov for the four PLGUs and 7 LGUs from Davao del Norte and Davao Oriental. Following this activity, the Provincial Governors of Davao Oriental and Davao del Norte confirmed their interest to avail of the EcoGov TA. Similar expressions of interest were received from the Provincial ENRO/PPDC of Davao del Sur and the Provincial ENRO/Administrator of ComVal. The EcoGov team then initiated a work planning activity with the target PLGUs and the five priority LGUs of Davao Oriental (Mati and Lupon) and Davao del Norte (Carmen, Kapalong and San Isidro). Davao del Sur recommended Hagonoy as its priority LGU; its work plan will be prepared on 19 January 2010.
- These priority LGUs are currently reviewing and reconstituting their SWM Boards and organizing their technical working groups (TWGs).
- EcoGov continued to assist its current LGU partners in the implementation of their SWM programs and in planning their activities for 2010.
  - South Cotabato, Sarangani and North Cotabato. South Cotabato held a SWM Program review last 13 October 2009 to assess overall progress of their scaling up efforts and to identify concerns that need priority attention in 2010. The other PLGUs held their SWM program review and work plan preparation workshops on 16-17 December 2009.
  - Seven municipal LGUs from these three provinces were likewise assisted in the preparation of their respective 2010 work plans. These were Carmen, Matalam, Alamada, Malapatan, Lake Sebu, Tantangan, and Norala.
  - Three LGUs (Sto. Niño, Alamada, and Kiamba) were able to enact SWM ordinances. Advances were also reported in five other LGUs (Malalag, Malapatan, Norala, Tantangan, and Aleosan). Committee and public hearings were conducted on their proposed ordinances which are expected to be enacted on the first quarter of 2010, before the start of the election campaign period.
  - Carmen, Matalam and Lake Sebu legitimized their SWM plans.
  - The Project provided technical advice, while monitoring their solid waste diversion activities, to five LGUs (Carmen, Alamada, Matalam, Lake Sebu, and Banga). They are at various levels of attaining their waste diversion targets. Among the longer standing LGU partners, five LGUs (Magpet, and Kabacan in

North Cotabato; and Alabel, Kiamba, and Maitum in Sarangani) were noted to have expanded their SWM activities beyond their pilot barangays.

- The central Materials Recovery Facility (MRF)/composting facility of Digos City was completed in December 2009 with total investment of PhP 15.0 million (USD 319,149). Composting equipment such as a conveyor system, shredder and composting bins have been installed and the facility is ready for commissioning.
- The LGUs that were assisted in SLF design are in various stages of SLF development.
  - Surallah. Officially started the construction of its common SLF on 19 October 2009.
  - Alabel, Kiamba, Isulan, and Pres. Roxas. Completed their Initial Environment Examination (IEE) documents and submitted them to DENR-EMB to support their application for ECC. Only Kiamba was issued its ECC within the quarter.
  - Lebak and Kidapawan. These are still completing their IEE documents and finalizing their SLF DED in preparation for facility construction.
  - To date, of the 10 SLF designs in Mindanao, there are 5 SLFs already issued ECC; 3 ECC applications pending; and 2 IEE documents for completion.
- Among the Davao Gulf LGUs, Panabo City, Samal City, Matalam, Malalag, Lupon, Mati and Davao del Norte PLGU signified interest to participate in EcoGov training and mentoring on SLF design. Both the Mati and Davao del Norte SLFs will be designed for common use by a cluster of LGUs. The sites of both have been approved and endorsed by EMB.
- A series of joint CRM and SWM orientation and work planning sessions were held in the pilot puroks of Matina Aplaya of Davao City on 6, 14, 16, and 17 October 2009. These were followed by SWM implementation workshops in Purok Dumalag 1, 2, and 3. These activities are in support of EcoGov CRM activities in Davao City, primarily the management of the settlement zone (Matina Aplaya) that is adjacent to the marine protected areas that are under establishment.
- A progress review of the SWM cost recovery and ring fencing initiatives were conducted in the six LGUs: Polomolok, Magpet, Kabacan, Alabel, Kidapawan, Surallah. It was agreed that the financial management guidelines and cost recovery plans of these LGUs will be finalized and reviewed next quarter.

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

- To support the scaling up activities of Zamboanga del Sur, EcoGov provided resource persons for the training on the analysis of WACS data and SWM strategic planning (engineering, financing and program management) that was held in Pagadian City last 25-26 November 2009. Three LGUs participated in the training: Bayog, Margosatubig and V. Sagun. Follow up activities will be undertaken by the PLGU SWM team.

- The above activity provided the opportunity for EcoGov technical specialists to coach the SWM team of the PLGU on their planned revival of the SWM program of Pagadian City and the implementation of a SWM program for the Provincial Capitol complex and PLGU facilities in Pagadian City. The PLGU was assisted in drafting the Executive Order for the provincial capitol SWM program and in drawing up the mechanics for its implementation. The program will be formally launched by the Provincial Governor in early February, 2010.
- The PLGU has agreed to include the IBRA 9 LGUs in their 2010 technical assistance program. It also indicated support for the development of a SLF in Dumalinao that may be designed to accommodate residual waste from other LGUs in Illana Bay.
- EcoGov and the PLGU SWM team agreed on a mentoring strategy to enhance the skills of the local team. Specific persons who will be trained on certain SWM competencies (WACS and data analysis, engineering, financing, ordinance formulation and enforcement, SLF design) were identified and the appropriate training methods were determined. This will include attendance in EcoGov SWM training in Davao City or in Dumaguete City, on-site mentoring and one-on-one coaching (off-site) by the concerned EcoGov specialists.

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

- Increasing demand for technical assistance in SLF design. This continues to beset EcoGov as it is the only project that is “open” to this kind of assistance (i.e., other projects have pre-identified and limited sites). Unfortunately, EcoGov does not have the resources to accommodate requests from all its partner LGUs. SLF design TA is rather intensive and does not end with the completion of the engineering design as most LGUs need further help when they embark on the construction of their SLFs. EcoGov will need to be strategic in identifying the LGUs it will assist (i.e., LGU meets pre-training requirements, is capable to implement it in the near future, it will serve as model for the region, it will be for a cluster of LGUs). It will continue to explore ways to develop potential local service providers (PLGUs, academe, private sector) and technical guides and models that may be used by LGUs. DENR-EMB regional offices and partner PLGUs will be encouraged to provide continuing support to their LGUs that are proposed to be SLF learning centers for the province/region.
- EcoGov is constrained in its ability to contribute to the development of technical guides by the NSWMC Secretariat, as the timetable and to some extent, the content of the guides, are largely determined by the technical and financial assistance that is available. It will indeed be unfortunate if the vast experience of EcoGov and the body of knowledge that it has generated will not become part of nationally issued technical guides and manuals. EcoGov will continue to update the Secretariat on the knowledge products that EcoGov will be producing, provide the Secretariat with inputs that it may still require to complete their technical guides that are due for publication first quarter of 2010, and engage them in relevant knowledge product development

activities so that gaps in current guides and areas for complementation can be identified.

*d. Objectives for Next Quarter*

- Conduct two SWM modules (Module 2a: Orientation on SWM Assessment Tools and Processes, and Module 2b: Analysis of SWM Assessment Results) each in Central Visayas and Mindanao.
- Conduct the introductory SLF design module (Module 5a: Orientation on SLF Design with permeability testing) for selected LGUs from Central Visayas and Mindanao.
- Conduct pilot training on SLF construction methods (Module 6a, SLF Construction, Operations, and Performance Monitoring) in Mindanao.
- On-site technical review of development activities and mentoring of LGUs targeted as SLF learning sites in Mindanao.
- Completion of at least two model SWM Financial Management and Cost Recovery Plans.
- Completion of these knowledge products
  - SLF Design Compendium for Mindanao
  - SWM Orientation and waste assessment modules, and WACS Manual (with gender orientation)

*e. Status toward Achieving Sustainability of Efforts*

- The UEM team continues to mentor and coach local counterparts, specifically the PLGU SWM-TWGs, in action planning, plan implementation and performance review to ensure that they continue to assist the municipal LGUs in implementing their SWM programs even beyond project life. The PLGUs are encouraged to initiate SWM program review and spearhead local SWM activities where the DENR-EMB is involved and EcoGov provides technical inputs when necessary. As new LGUs are involved in SWM, the involvement of the PLGUs and the field units of DENR-EMB is also emphasized. MOAs of EcoGov and the DENR are signed with the PLGUs rather than directly with the city or municipal LGUs to directly engage them through the entire process of technical assistance, and thus capacitate them for their scaling up activities. EcoGov also continues to assist LGUs in SWM financial management and cost recovery.

## 2.4 Municipal Investments in Sanitation

### a. Expected Outputs for the Quarter in WWM

**Table 6. Waste Water Management Expected Outputs for the Quarter**

<i>Expected outputs</i>	<i>Status</i>
Orientation of potential LGU partners in WWM in Central Visayas	<i>Completed</i>
At least 6 new LGU partners identified and shortlisted.	<i>Completed in Central Visayas; shortlisting ongoing in Mindanao.</i>
Completion/updating of WWM assessment of 9 LGUs	<i>Completed 2 assessment reports; ongoing updating in others</i>
Completion of the documentation of WWTF/septage management projects with investments	<i>Ongoing with 5 completed</i>

### b. Summary of Accomplishments and Activities in WWM

#### UEM-WWM Sector Wide Highlights

- Coordination and scoping with Provincial LGUs along Tañon Strait in Central Visayas was undertaken to identify and shortlist potential new LGU partners in wastewater management (WWM). Six LGUs were shortlisted in Central Visayas, two LGUs each from the provinces of Cebu, Negros Oriental, and Negros Occidental. Last 2-3 December 2009, these LGUs were given an orientation on their WWM mandate and the focus on the WWM technical assistance that the EcoGov Project can provide them. This led to the signing of MOAs with the cities of Sagay and San Carlos, both of Negros Occidental on 16 and 17 December respectively, and the organization of their respective Technical Working Groups.
- The EcoGov team worked with LGU counterparts to complete the documentation of the wastewater treatment projects that were designed and funded, and in some cases, constructed by the LGUs. This is being undertaken to enable the LGUs as well as the PLGUs and DENR to use these projects as prototypes or models for future WWM investments and to serve as basis for their permit applications, O and M, and performance monitoring systems. Of the 14 WWM investment projects reported as of end of Year 5 (excluding the septage treatment facilities constructed under a JBIC/JICA project), five have completed documentation. The rest are in various stages of completion.
- The team also worked with 9 LGUs that conducted their respective wastewater assessment and planning in Years 4 and 5. The assistance was designed to enable them to complete/update their WWM assessment reports and plans so these can be used by the LGUs to identify their next priorities for investment which can be packaged and submitted to the new set of local leaders after June 2010.

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

- The orientation on WWM and its Legal Framework (WWM Module 1) was conducted in Dumaguete City last 2-3 December 2009 in a joint orientation activity with SWM. This orientation was attended by potential LGUs that were earlier identified during the scoping activities with the PLGUs and DENR-EMB Region 7.
- Six LGUs included in the shortlist for EcoGov technical assistance were: Toledo City and Badian in Cebu; Canlaon City and Sta. Catalina in Negros Oriental; and Sagay City and San Carlos City in Negros Occidental. Although Negros Occidental is not within EcoGov current TA regions, Sagay City and San Carlos City were considered, as they are located along Tañon Strait and being urban areas, they could be major sources of pollution. Their inclusion in the project was formally endorsed by both the DENR Region 6 Executive Director and the EMB Region 6 Director.
- Sagay City and San Carlos City organized their respective WWM-Technical Working Groups immediately after the orientation. The EcoGov-DENR MOA with Sagay City was signed on 16 December 2009 while that with San Carlos City was signed on 17 December 2009. The WWM-TWGs of both LGUs were given an orientation on the same day the MOAs were signed. The action plans that were formulated by their respective LGU teams during the WWM Orientation and Legal Framework last 2-3 December 2009, were presented and validated by these TWGs.
- The other LGUs are expected to formally indicate their interest to avail of EcoGov technical assistance early next quarter. No individual MOAs will be signed by EcoGov with these LGUs. EcoGov has existing MOAs with the Provinces of Cebu and Negros Oriental through which the assistance to the LGUs can be provided, in partnership with the PLGU.
- Achievements with respect to assistance to current LGU partners in the documentation of their WWM investments and wastewater assessments are as follows:
  - Maribojoc and Talibon WWM Assessment Reports. The draft WWM assessment reports and WWM Strategic Action Plans of Maribojoc and Talibon have been completed. The drafts will be finalized by the TWGs for presentation to their respective SBs/LCEs next quarter before the start of the election campaign.
  - Bais City. Writing of the project document for the WWTF of the Bais City abattoir has started and this is targeted to be completed by February 2010.
  - Bayawan City, Maribojoc, Talibon, and Loboc. Relevant information and documents on the WWTF of the Bayawan City District Hospital and the WWTF projects in Talibon, Maribojoc, and Loboc are still being completed. The writing of the documents should commence on January 2010 and is targeted to be completed by next quarter.

- Continuing monitoring of LGU activities in relation to their committed investments in different WWTFs showed the following follow-through actions of the LGUs:
  - Maribojoc. Although it has completed the design of the Maribojoc Port Community WWTF, the LGU shifted its efforts to the construction of the Maribojoc Abattoir Wastewater Treatment System. The construction of this WWTF has started and is expected to be completed on the second quarter of 2010. The design of the abattoir WWTF was completed with the assistance of EcoGov and the BEMO engineer who participated in the EcoGov training on WWM technologies and design. The IEE documents of this WWTF are currently being completed.
  - Loboc. The IEE documents for ECC application for the improvement of the WWTF of the tourism complex and commissary is still being completed. No physical development was started since the LGU plans to start construction only after the issuance of the ECC as prescribed by law and to avoid any possible penalties.
  - Talibon. The IEE documents for its ECC application of the WWTF of its slaughterhouse is still being completed for submission to DENR-EMB next quarter. The slaughterhouse is not yet operational since the equipment for the facility is not yet complete.
  - Bais City. Similarly, the slaughterhouse of Bais City is not yet operational because of incomplete equipment yet for the facility.
  - Bayawan City. The WWTF of the Bayawan City District Hospital is not yet operating because of the planned rehabilitation of the conveyance system. The conceptual design of the conveyance system was part of the plan of the WWTF but details of this system is not yet worked on since the LGU is still sourcing funds for its construction.
  - Dauin. The LGU is currently researching on the old plans of the public market with the Provincial Government as basis in indentifying the actual sewer layout and installation. This will form basis of the planned master plan for the public market that will include the sewerage. EcoGov assistance is imperative to facilitate the above activity.

## **Municipal Investments Accomplishments – Mindanao**

- Of the nine WWTFs which were designed with the Mindanao LGUs, five have completed their documentation. The LGUs and EcoGov teams are completing and updating the documentation of the remaining four projects. Some information is still being sourced and should be available by January 2010 so that the writing of the documentation can be completed within next quarter.
- The documentation of efforts to operationalize four septage treatment plants (STPs) in Sarangani (Malapatan, Kiamba, and Maitum) and Malalag, Davao del Sur has been delayed by the decision of the team to do a more detailed and a comparative review of the cost and revenue analyses that were prepared by each LGU and the resulting computations for the fees and annual O and M budgets. The completion of the financial analyses will require more time and some inputs from short term specialist consultants (STTA). The LGUs also need to finish the inventory and mapping of accessible and desludgeable septic tanks. EcoGov thus continued to monitor and provide the LGUs technical advice to accelerate completion of this task.
- Regular follow-up was made to ensure the integration of support budgets to septage management program in the 2010 work and financial plan of the Province of Sarangani and the concerned municipal LGUs. Although the individual LGUs have taken steps to start the operation of their systems, they, including Alabel which is relatively more advanced, will continue to require support from the provincial government to improve their operations.
- EcoGov also encouraged the LCE and MENRO of Malapatan to designate a Septage Management Program Coordinator for the continued implementation of the program.
- These are the reported developments on the designed and funded WWTFs in Mindanao, which the team continues to monitor:
  - The pre-bidding activities for the construction of the WWTF of the Gen. Santos City public market started. With EcoGov follow-up and coordination, the project cost estimates were finalized, a technical staff was designated to facilitate the approval of the detailed engineering designs (DED) and cost estimates, including the preparation of other bid documents. The DED and project cost estimates are now ready for presentation to the Sangguniang Panlungsod.
  - The Bids and Awards Committee (BAC) of Kidapawan City is ready to award a contract for construction supervision to BNS after submission of the complete set of required documents. The awarding of the contract was planned for December 2009.
  - The newly constructed slaughterhouse of Tacurong City commenced operation on 18 December 2009. The proposed modification to the WWTF that was suggested by EcoGov is not yet constructed. However, the LGU made some modifications to the original design of NMIS which includes two aeration ponds after the settling



*The almost completed wastewater treatment facility of the Tacurong City Abattoir. The facility just commenced its operations last December 2009. Photo by Mel Sapdoy/USAID-EcoGov.*

tank. Also the depths of the ponds gradually decrease from the settling tank to the aeration ponds to the maturation pond. Since the operation is still new, the final effluent will have to be analyzed to determine the need for any modifications in order to meet effluent standards. This will also be the basis for the discharge permit which is not yet secured.

- The improvement of the slaughterhouse in

Koronadal City that included its WWTF was completed in December 2009. The facility is ready for commissioning in January 2010. The LGU is still completing the IEE document for ECC application and is having problems on proof of lot ownership that is required in this IEE document. Meanwhile, the city government allocated PhP 1.5 million (USD 31,915) for 2010 as initial budget for the improvement of the city public market WWTF. This project was proposed by the LGU team during the WWM technology options training in 2008. It has a design concept but no detailed engineering designs have been made yet. Also, there are initial steps to improve the wastewater treatment facility of the city hall. A three-chambered water tight septic tank was constructed. A leaching field was initially proposed for secondary treatment but given the elevation of the site vis-à-vis water table, a gravel filter bed was suggested by EcoGov to be considered for the secondary treatment.

- Samal City and Panabo City are both working on the completion of their respective IEE documents for ECC application. They did not yet commence any construction of their WWTFs to avoid penalty from constructing without an ECC. However, both LGUs are facing problems on the proof of ownership requirement of the IEE checklist and possible penalty for operating their slaughterhouse and public market, respectively, without any WWTF.
- The construction of the expansion of the Digos City public market is on-going while the LGU is completing its IEE documents for the ECC application.

- The WWTF of the Polomolok public market commenced operation last December 2009. The facility emits foul smell, which is an indication that the wastewater is septic. The LGU is seeking assistance to assess and improve the effluent output of the facility.
- Initial discussions were held with the PLGU of Zamboanga del Sur regarding the possibility of EcoGov assistance to the redesign/retrofitting of the septage treatment plans of the newly-built Zamboanga Sur Medical Center. The STP of the hospital is operational but effluents do not meet DENR standards thus raising health concerns as effluents are released to an open roadside canal. The PLGU does not have the capability to assess the system and identify corrective measures that need to be taken.

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

- There is a need to strengthen the support of the DENR EMB and the PLGUs at this time in order for the project to achieve its targets and for this program to continue beyond 2011. The absence of active participation of DENR EMB Region 7 in the initial UEM activity of EcoGov in Central Visayas indicates that we need to increase our effort to engage EMB in Central Visayas and Mindanao. Efforts will need to keep them involved in the delivery of technical assistance to our LGUs partners in the region, and in the continuing monitoring of LGU compliance with standards and permitting requirements. While EcoGov is a signatory to the MOAs with LGUs, longer-term support will need to be assumed by EMB and PLGUs, once EcoGov is completed. EcoGov will continue discussions with EMB and PLGUs to work out WWM plans for 2010 and beyond, that will make use of the initiatives of the project.
- The forthcoming local elections will possibly delay further LGU actions on pending ordinances (septage management ordinances of Samal City, Panabo City, and Digos City), bidding and award of contracts (Kidapawan City and Gen. Santos City) and approval and release of implementation budgets for designed WWTFs. EcoGov will maintain a watching brief and follow up with concerned LGU partners as required. At the same time the team will map out plans and strategies with individual LGUs on support activities that can possibly be undertaken during the election period, either to prepare for the presentation of the program and projects to newly elected officials, or to carry out the full implementation of specific WWM activities.

### *d. Objectives for Next Quarter*

- At least three new LGU partners for WWM identified in Mindanao, with MOAs for EcoGov technical assistance preferably through PLGUs.
- Commitments of other LGU partners for WWM in Central Visayas firmed up, and TWGs formed.
- Conduct of WWM Assessment and Situation Analysis (WWM Module 2a) in Central Visayas.

- Conduct WWM and Technology Options (WWM Module 4a) in Central Visayas.
- Complete all documentation of WWTF and STP projects with approved investments.
- Complete writing/updating of LGU WWM assessment reports and plans (i.e., LGUs with ongoing efforts).
- Facilitate completion by partner LGUs (about 6 LGUs) of documents for ECC and other permit applications.

*e. Status toward Achieving Sustainability of Efforts*

- The UEM team continues to engage the PLGU team in a number of WWM activities such as in monitoring developments of WWTF projects as well as in assisting them complete required design outputs, as in the case of Bohol (BEMO). The technical capabilities of the PLGUs and EMB field units in WWM need to be upgraded for them to be able to effectively assist the LGUs in the long-term. As new LGUs will be provided TA in WWM, the PLGUs and the DENR-EMB are invited to participate in workshops and are made to assist the LGUs in specific activities such as action planning. They will likewise be participants to all subsequent WWM training and will be partners with the LGUs in their activities. This will not only build the capability of the local EMB and PLGU staff but also their working relationships with the LGUs.

## **2.5 Strengthened Government Institutions**

*a. Guided Self Assessments (GSA)*

- Prepared one-pager individual GSA report for all LGUs in Western Mindanao (13) and South and Central Mindanao (21). The report analyzes the trend in environmental governance in graphs and narrative form from the baseline survey in 2005 to the present end of base year assessment in 2009. The reports and graphs were presented by the Regional Manager during the close down ceremony for Western Mindanao regional office.
- Prepared all 33 individual GSA reports for Central Visayas LGUs, which are now being finalized and packaged before submission to the concerned LGUs. In October 2009, an individual action planning matrix showing gaps in performance were prepared for each LGU for use in the conduct of results feedback sessions.
- Identified list of LGUs that will undergo baseline GSA in connection with the 20 additional LGU target (which raises the total target to 100) for “LGUs practicing good environmental governance” by 2011. The list includes seven LGUs from Central Visayas and 21 LGUs (13 are priority LGUs) from South and Central Mindanao. Prepared also the questionnaires and facilitator’s handbook and the activity design for the conduct of the baseline GSA for these additional LGUs.

- From 18 October to 26 November 2009 Central Visayas conducted baseline GSA for the seven additional LGUs. These include Manjuyod, Siaton and Canlaon City in Negros Oriental, Loboc and Baclayon in Bohol, and Badian and Barili in Cebu province. The various indices have been computed. South and Central Mindanao conducted baseline GSA for five LGUs (Malapatan, Samal, Lake Sebu, Malungon, and Malalag) from 23 November to 16 December 2009.
- Drafted the 2009 End of Base Year Over-all GSA report. The report presents and analyzes the results of the end of base year GSA for all 86 LGUs covered by the assessment. The report is undergoing final refinement and formatting before submission to USAID. Key findings of the report had been communicated to EcoGov Regional Managers and Sector Leaders / Coordinators to input into their TA action plans and feedback sessions with LGUs.

#### ***b. Gender Equality***

- Finalized and disseminated among key technical and administrative personnel of EcoGov a list of key gender-sensitive phrases that can be used in preparing project reports and documents (e.g., SOWs, project reports, bullets, good practices, stories, advertisement for personnel positions, training design, template ordinances, technical reports, admin reports, etc).
- Finalized and distributed to EcoGov technical personnel ‘Guidelines for Enhancing Gender Perspective in the Documentation of Best Practices and Success Stories’.
- Reviewed the latest FLUP Guide and SWM Best Practices documents to assess how they can be further enhanced by incorporating gender perspective
- Collected reference materials that will be used in mainstreaming gender in FFM, CRM, and UEM EcoGov TA modules.

#### ***c. Other Activities – National Level Governance and Advocacy***

- Drafted the proceedings of the “National Conference on Environment and Natural Resources (ENR) Financing: Helping Local Government Units Fund Good Projects” held 23-24 September 2009. This was sent to DENR Foreign-Assisted and Special Projects Office (FASPO) for review.
- EcoGov continued to participate in the policy meetings of the DENR’s ICRMP as requested by the PAWB. During the last meeting held on 18 October 2009, EcoGov provided inputs on the policy study on delineation of roles and responsibilities of key integrated coastal management stakeholders in accordance with the requirements of EO 533. In the two previous meetings, EcoGov presented a proposed protocol for foreshore management it developed for Central Visayas together with DENR Region 7

in 2003-2004, and helped ICRMP develop a terms of reference for a policy consultant that will be hired by DENR.

- On 26-28 October 2009, EcoGov senior personnel participated in various sessions at the “National Conference on Climate Change Adaptation +2: Moving Forward on Albay Declaration 2007,” held at the Manila Diamond Hotel.
- On 29 October 2009, the COP was interviewed by Ms. Julie Gavage a consultant retained by the Conservation and Community Investment Forum (CCIF), which is part of the San Francisco-based consulting group, California Environmental Associates (CEA). CCIF has received a grant from the Packard Foundation to develop a structured strategic plan and business model for conservation financing, particularly in South East and East Asia. EcoGov experiences and lessons learned were documented for this study.



*EcoGov facilitates RARE Conservation potential partnership with Samal LGU and Save Davao Gulf Foundation. Above: Dale Galvin, COO, RARE and Edward Sisor, OIC CENRO, Samal, conclude an orientation session. Below: Davao City Councilor Leo Avila and barangay captain Jimmy Poliquit guide RARE executives through the Marine Turtle Sanctuary in Matina Aplaya. Photos by: Abraham/USAID-EcoGov*



- On 5 November 2009, Mr. John Claussen of Starling Resources, an Indonesian-based firm specializing in conservation finance, made a presentation on various models to the EcoGov senior and technical managers in Manila. Of interest were the MPA revenue model and the forest carbon accounting approaches being used in Indonesia.
- On 18 November 2009, EcoGov facilitated consultations and site visits between representatives of RARE Conservation, the Save Davao Gulf Foundation and LGU of Island Garden City of Samal. Mr. Dale Gavin, Chief

Operating Officer and Mr Steve Watkins, Vice-President PRIDE English Program provided a brief orientation of the program. Discussions between EcoGov and RARE continued with respect to defining how to move forward with a potential partnership.

- EcoGov was among prominent participants in the Third East Asian Seas Congress and Ministerial Forum, convened 23-27 November 2009 in Manila, Philippines. The Congress is a triennial event hosted by the DENR in collaboration with “Partnerships in Environmental Management for the Seas of East Asia” (PEMSEA), an intergovernmental coordinating regional mechanism funded by the Global Environment Facility (GEF) and implemented by the UNDP. The event was attended by over 1,600 participants (of which over 900 were international).

EcoGov was among many exhibitors at “SEAnergies” — held on the main floor of the Philippine International Convention Center (PICC) — interacting with visitors and promoting knowledge products supporting the ridge-to-reef approach for integrated ecosystem management. On 24 November 2009, EcoGov senior technical specialists presented papers in two thematic workshops. Dr. Perry Aliño provided insights on the EcoGov model for MPA networks, and Ms. Stella Salas shared information on the EcoGov experience with ring fencing of accounts in solid waste management.

- During the Special Meeting of the EAS Partnership Council, held on the evening of 25 November 2009, EcoGov was among several organizations that formalized partnership arrangements with the PEMSEA governing body. USAID through the Office for Energy and Environment (OEE) was represented with observer status at



*Members of the EAS Youth Forum are enthusiastic to learn about environmental issues at the EcoGov booth. . (Photo by Lume Inamac/USAID-EcoGov)*



*Dr Amy Khor, Sr Parliamentary Secretary, Ministry of Environment and Water Resources, Singapore and Mr. Eduardo Carvalho, Secretary of State, Ministry of Agriculture and Fisheries, East Timor, browse through knowledge products at the EcoGov exhibition booth. (Photo by Lume Inamac/USAID-EcoGov)*

this special council meeting. The Memorandum of Understanding between EcoGov and PEMSEA focuses on the convergence of interests in integrated management of coastal areas, river basins and estuaries. While the PEMSEA Sustainable Development Strategy for the Seas of East Asia (SDS-SEA) provides an overarching management framework for the countries of the EAS region, the EcoGov ridge-to-reef framework provides a national level management framework that brings good environmental governance practices down to the local levels in the Philippines.

- Followed up with a member of FMB’s Technical Working Group the status of the Draft Omnibus Guidelines for Forestry. According to the information the TWG member provided, the Omnibus is being reviewed and updated in the light of new policy issuances of the Bureau upon the instructions of the FMB Director. Further, the TWG will ask for formal assistance from Ecogov in updating the draft guidelines once their internal preliminary review is completed.



*EcoGov technical personnel review and discuss the most appropriate pathways to disseminate knowledge products. Photos by Lume Inamac/USAID-EcoGov*



- Mr. Ernie H. Jarabejo, a student completing a Master of Science in Rural Development student from the Western Philippines University received approval to use the Guided LGU Self Assessment (GSA) method developed by EcoGov in his research entitled “The Relationship of Environmental Governance and Human Development in the Province of Palawan”.
- As a follow up to discussions in the EcoGov Work Plan Review meeting on 01 October 2009 (see Section 2.6), a workshop entitled “Mainstreaming Ridge to Reef: Consolidation of EcoGov Knowledge Management Strategy” was designed with assistance from two external resource persons: Mr. Enrique Nuñez, an associate of the Society of Knowledge Management Professionals in the Philippines, and Mr. Rodolfo Santos, a M&E and knowledge management specialist. The workshop was

convened on 8 December 2009 in Manila, and brought together all EcoGov technical personnel and senior management. Expected outputs were as follows:

- Shared understanding of EcoGov knowledge management strategy in the context of the priorities related to dissemination of best practices, institutionalization and mainstreaming towards sustainability;
  - Revised inventory of existing EcoGov knowledge products and processes; and
  - A detailed action / work plan that identifies specific dissemination channels, partners, timelines and budget implications.
- In the lead up to the workshop, all sector teams prepared detailed matrices on knowledge products and processes. These matrices identified the following:
    - Classify a Knowledge Product/Process theme or subtheme (e.g., MPA Networks under CRM)
    - Specific knowledge product or process (KP/P)
    - Form of the KP/P (e.g., Flyer, Audio-visual production, case study etc)
    - Primary user(s) of the KP/P
    - Target audience for decision/ action
    - Host(s) of the KP/P (post project)
    - Content of the KP/P
    - Distribution channel(s)
    - Qualifying factors/requirements
    - Timeline to completion of the KP/P
  - The matrices serve as a tool for EcoGov technical personnel to have qualitative and quantitative information on the KP/Ps and the various pathways for dissemination. These formed the basis for discussions in various small groups. The workshop report, including detailed action plans for each sector are currently being finalized. The next steps will involve consultations with the USAID/OEE team and presentation to DENR.
  - On 09 December 2009, the COP participated in the launching of the “Crisis and Disaster Management Project” funded by the German Development Bank and implemented jointly by the Asia Society for Social Improvement and Sustainable Transformation (ASSIST), a non-profit corporation and TUV Rheinland, a large, integrated German technical services company. The meeting provided opportunity to interact with Congressman R. Biazon, main proponent of the Philippines Disaster Risk Reduction and Management Bill.
  - On 10 December 2009, the COP met with Ms. Jessica Bercilla from Christian Aid to explore possible collaboration in relation to disaster risk reduction and climate change adaptation strategies for LGUs.

- On 15 December 2009, the COP, Mindanao Regional Manager and Regional Communications Officer, Mindanao met with the DENR 11 Regional Technical Director Isip. Among other things the discussion focused on needs identification with respect to climate change initiatives, as well as review of responsibilities of parties (EcoGov, LGU, etc.) in Davao City.
- On 15 December 2009, the COP, Mindanao Regional Manager and Regional Communications Officer, Mindanao met with Mr. Jason Magnaye, Executive Director of the Mindanao Business Council (MBC) to continue discussions on a regional forum for sustainable financing, and also explore possibilities of collaboration with respect to climate change initiatives.
- On 16 and 17 December 2009, the COP met with Mr. Mario Panganiban, Chair of the Environment Committee of the Cebu Chamber of Commerce and Industry (CCCI), Ms. Anna Cabigas of External Relations and Affairs of the CCCI, Mr. Joe Ng, Vice-Governor (Visayas) of the Philippine Chamber of Commerce and Industry, and Mr. Joel Yu, Executive Director of the Cebu Investment Promotion Center (CIPC). The purpose of the presentations was to provide awareness and orientation to the EcoGov R2R programmatic approach, undertaken assessment of the needs of the Chambers with respect to integrating environmental management tools and methods into business streams, and identify areas of cooperation. The CCCI is interested in promoting R2R as part of the programs and activities of the environment committee. There is also a keen interest in climate change mitigation and adaptation, particularly in disaster risk management for enterprises, and for the CIPC, investment and sustainable tourism. These are areas where the private sector will need support from LGUs.

***d. Weekly Bullets***

The table below summarizes the weekly bullets that were submitted to USAID for this period.

<b>Date</b>	<b>Title</b>
November 15, 2009	DENR and other partners welcome EcoGov collaboration in Western Visayas – Region 6
November 23, 2009	Sangguniang Panlungsod (SP) spearheads consultations for forestlands property rights policy approval
November 27, 2009	Wao municipality mulls PES to sustain forest conservation programs
December 1, 2009	EcoGov Active Participant in “3 <sup>rd</sup> East Asian Seas Congress and Ministerial Forum”: Memorandum of Understanding Signed to Promote Collaboration
December 1, 2009	Over 80 local environment officers hold first meet: Formation of league is key step to addressing climate change
December 18, 2009	More funds for forest rehabilitation in South spreads optimism in sustaining local environment programs

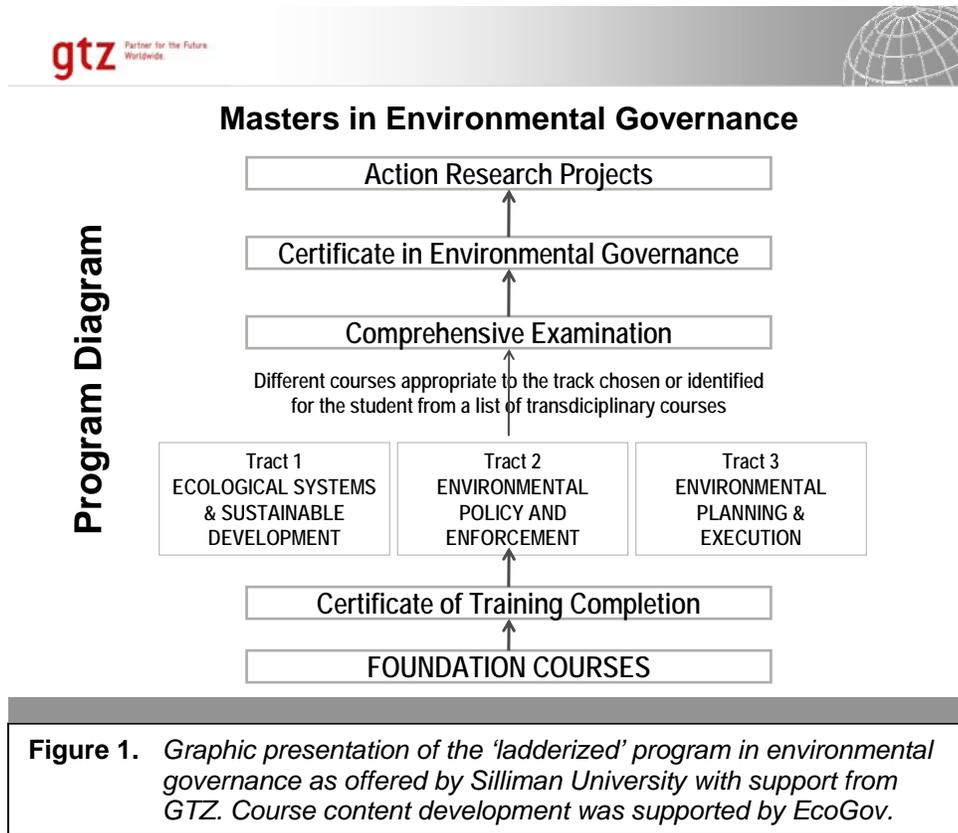
## Central Visayas Report

### *Activity Highlights*

- The DENR 7 Regional Executive Director, Leonardo Sibbaluca and Regional Technical Director, Mr. Boy Montejo participated in the EcoGov Work Plan Review meeting on 01 October 2009. Their inputs into the meeting lent insights and provided regional endorsement for the EcoGov Y6Y7 Work Plan in the national level forum. Their inputs flowed from the deliberations in the “3 in 1” provincial-regional sessions convened in Cebu during the previous quarter.
- The EcoGov regional team has provided support and facilitation for joint undertakings and conflict mediation in the Province of Bohol. Notably this has been manifested in an initiative led by Provincial Governor Aumentado on 5 October 2009, to establish the Sanitary Landfill Multipartite Monitoring Team. This will be managed by the DENR PENRO/EMB Focal Person, Mr. Nestor Danda, in cooperation with the BEMO. In addition, support was ongoing for the planning and training sessions of DENR/BEMO FLUP teams in the Carood watershed.
- In Cebu, EcoGov support for the eGWEN Program is gradually being diminished. Furthermore, in the Municipality of Carmen, the Cebu PENRO Specialist, Engineer Baby Manuel used EcoGov knowledge products to orient participants in good governance with respect to SWM on 19 November 2009. Previously these sessions were led by EcoGov technical personnel.
- During this quarter the EcoGov regional team intensified efforts to assess potential partners and build relations with new LGUs along the Tañon Strait, a marine key biodiversity area. This included consultations with the various LCEs. The LGUs with potential included Barili and Badian in Cebu. In Negros Oriental, these LGUs include Canlaon City, Siaton, Manjuyod which have been served by ENRD. In Negros Occidental, the cities of San Carlos and Sagay as well as the municipalities of Calatrava and Tobosa expressed interest in waste water and solid waste management, respectively.
- Related to the above, in October 2009, EcoGov support in Central Visayas was strengthened in Negros Oriental through its ongoing partnership with the ENRD in Dumaguete City. There are now three EcoGov technical specialists co-located in the ENRD office, to provide close at hand technical assistance for such activities in the Tañon Strait, among others.
- On 01 December 2009, EcoGov provided an orientation to 15 LGUs on environmental governance, biodiversity conservation in the Tañon Strait, with emphasis on urban environmental management. This orientation enabled each LGU to determine which sub-sectors of UEM would be the initial concentration of effort.

- GSA activities took place between early October and 17 December 2009 with eight LGUs—Loboc, Baclayon, Badian, Barili, Siaton, Manjuyod, Canlaon and San Carlos City.
- New partnerships with DENR 6 and the Cities of Sagay and San Carlos were formally consolidated through signing of Memoranda of Agreement on 16 and 17 December 2009, respectively. This was the culmination of EcoGov facilitation activities to secure commitment to address biodiversity conservation at the levels of the LCE and respective City Councils.
- The MOA with Canlaon City is currently being processed with the Council after having made the earlier presentations. In the case of DENR 6, the Deputy COP accompanied by regional staff paid a courtesy call to the Regional Executive Director in Iloilo City to brief him about the project. On November 4, the EMB Director endorsed the draft MOA in favor of the assistance which “not only will capacitate and increase the knowledge base of DENR regional personnel and LGUs but will also enhance and facilitate private initiatives to invest in waste water management services.”
- On 26 November 2009, the EcoGov Regional Manager presented the EcoGov brief and progress to the Regional Development Council (RDC) VII Regional Project Monitoring Committee during its 4<sup>th</sup> Quarter meeting. The Regional Executive Directors of NEDA, DILG, DBM and Private Sector representatives expressed their interest in the approaches used, results generated and models of good environmental governance practices in the region. The RDC RPMC plans to visit and interact with a designated EcoGov learning site during the next quarter. The RDC interaction provides an avenue for mainstreaming the ‘ridge to reef’ approach.
- Community consultation workshops were facilitated between RARE Conservation and local partners in the Region to advance the Rare Pride Program for Sustainable Fishing in the Philippines planned during the forthcoming Strategy Finalization and Social Marketing Workshop. RARE personnel were able to visit EcoGov partners that had expressed interest in participating in the program, and provide an orientation to the program. These included the ENRD in Negros Oriental, Dalaguete LGU, Bohol Provincial Agricultural Office, Maribojoc Bay Executive Management Office, and Coastal Conservation Education Foundation (CCEF).
- EcoGov Regional Office in Cebu is providing administrative and logistic support for USAID/Washington’s CK2C project in the conduct of the USAID Natural Resource Management (NRM) Course to be held in Cebu in January and February 2010. This includes preparations for the field visit to Talibon and the alternate site, Alcoy together with the USAID Acting Mission Director. In addition, another event planned for February 2010, which EcoGov Regional Office is also assisting is the George Washington University-USAID Sustainable Tourism Development Course to be held in Cebu. The EcoGov regional team interacted with and identified potential course participants.

- In October 2009, it was confirmed that Silliman University is now offering scholarships to LGUs in the context of a GTZ-KfW project. This follows from prior EcoGov support to Silliman in the establishment of the course for ENROs leading to a Certificate in Environmental Governance and a Masters in Environmental Governance. The first batch of LGUs under this program are Bayawan, Sta. Catalina and La Libertad.



### *Challenges in Mainstreaming and Scaling Up*

- The upcoming elections present a challenge in promoting adoption of EcoGov knowledge products and processes among partners, primarily LGUs. This is because there is going to be a concurrent phase out of EcoGov, while at the same time, a need to coach new leaders in environmental governance and continue mainstreaming and scaling up activities. The EcoGov implementation strategy has addressed this through its primary focus on building capacity of career track civil servants (i.e., Municipal Planning and Development Officer), a mapping of LCE terms in the EcoGov-supported LGUs to understand the dynamics of political change, and planned initiatives to orient any new local leaders.

- While the GTZ has come forward to support the 1<sup>st</sup> set of scholars to the Silliman University ENRO capacity-building course, the accompanying syllabus for both foundation courses and special fields have yet to completely integrate technical content from EcoGov. In order to encourage this, there will need to be continued consultations with the university, and possibly with GTZ.
- Addressing global climate change concerns is now among the main issues on the agenda of most EcoGov partners. EcoGov is in the process of identifying appropriate technical assistance to strengthen their understanding of integrated mitigation and adaptation, and ensure that these are embedded in their planning and development efforts.

### *Plans for the Next Quarter*

- Advocacy on environmental governance during the Sinulog Season in Cebu to reach a wider audience (January).
- Feedback with action plans to LGUs on results of GSA on environmental governance index baseline.
- Provide logistical support, facilitation and orientation to EcoGov knowledge products and processes in the following for a:
  - USAID NRM Course – 25-29 January 2010
  - USAID Mission Director and NRM Course Field Trip to Talibon or Alcoy – 27 January 2010
  - GWSU-USAID Sustainable Tourism Development – 1-5 February 2010
  - RARE Conservation Social Marketing Workshop – 2-5 February 2010
- Provide technical and administrative support for proposed EcoGov activities in climate change.
- Provide technical and administrative support for UEM workshops (WWM Assessment, SLF Design Orientation and SWM Assessment) in February 2010.
- Provide technical and administrative support for continued development of EcoGov learning sites Talibon, Alcoy and Bayawan.

## **Mindanao Regional Report**

### *Activity Highlights*

#### **Guided Self-Assessments**

- Guided Self-Assessments (GSA) were conducted in five partner LGUs: Malapatan and Malungon in Sarangani Province, The Island Garden City of Samal (IGACOS), Lake Sebu in South Cotabato and Malalag in Davao del Sur Province. All LGUs scored relatively high in the GSA. At least eight more GSAs will be conducted in Mindanao during the first quarter of 2010.

#### **Gender Equality**

- As more agreements are made to improve the implementation of the FLUP in Wao, Lanao del Sur, women were given greater participation in decisions that concern the use of resources within the co-managed area of Wao's forests. The Banga Farmers Watershed Development Cooperative is headed by Mrs. Perpetua Magdadaro. She is a member of the Wao Steering Committee which plans and works for the conservation, rehabilitation, and development of the Wao Co-Managed forests. In December 2009, at the signing of the MOA for payment of environmental services, Mrs. Magdadaro served as a witness to the event. She has transformed from being a mother, farmer and widow early in 2009 into leading member of the community — as chairperson of the cooperative along with many other women officers. Mrs. Magdadaro and her officers have encouraged more upland settlers to become IPR holders, many of them housewives and farmers, in effect lodging larger responsibilities in watershed management to more women. The local government and EcoGov highlight this as a soft gender mainstreaming effort in the course of FLUP implementation.

#### **Other Initiatives**

- Advocacies to get LGU support. The EcoGov Mindanao Regional Manager accompanied staff of the UEM in meeting provincial officials in Region 11 to ascertain their interests in partnering with the Project. A sample Memorandum of Agreement was drafted by the UEM team for review of Department of Environment and Natural Resources and Environmental Management Bureau Directors of Region 11.
- Promoting/Building partnerships. From 12-13 November 2009, EcoGov's Mindanao GoAd participated in the 8<sup>th</sup> Mindanao Working Group (MWG) meeting, hosted by the Mindanao Economic Development Council (MEDCO) in Davao City. It is a gathering of donor-funded projects and programs all over the island that MEDCO coordinates to foster cooperation and encourage discussions on the Mindanao development agenda.

- EcoGov participated in the Watershed and Disaster Risk Management breakout session which was also an avenue to gather various' organizations responses on Climate Change Impacts. EcoGov shared best practices from the *Al Khalifa* advocacy done in Muslim communities and local governments' programs on solid waste management, marine protection, local management of forest lands. Also in November 2009, Sarangani Province hosted the first national membership assembly of the League of Environment and Natural Resources Officers. In this event, EcoGov held a small exhibit of the Ridge to Reef advocacy/approach to ENR management, reaching more than eighty representations of various MENROs in the country.



*(Above) Participants from Luzon discuss some Constitution and by-laws provisions assigned to them. (Below) EcoGov's exhibit on the Ridge-to-Reef Framework in Addressing Climate Change draws the interest of many ENROs Photo by: USAID-EcoGov*



campaign made use of tarpaulin poster and desludging forms enhanced by EcoGov. Similar info-education approaches in chosen pilot barangays have been used in Malapatan and Malalag; the implementation of IEC action plans was scheduled for monitoring and evaluation in December 2009. Among these LGUs, Maitum municipality initiated an IEC campaign involving schools thereby encouraging educational visits to the STF where students learned the impacts of unsanitary toilets on potable ground water, Sarangani Bay, and community health. Bullet stories on

- EcoGov, on 14 December 2009, jointly hosted a one day community consultation workshop in Davao City with the Municipalities of Lanuza, Cantilan, Cortes, Tandag and Samal Island with NGOs APREDEC, Save the Davao Gulf Foundation, and the Mindanao Economic Development Council and the Department of Tourism (Region 11). The purpose was to provide detailed orientation to the RARE Pride Campaign for marine conservation and coach potential applicants.

- Social Marketing/Communication campaigns, bullet stories. The Social Marketing activities for Septage Treatment Facility (STF) use in the Municipalities of Maitum, Kiamba, Maasim, Malapatan, Alabel and Malalag proceeded with respective IEC teams of the LGUs pursuing their action plans. In November 2009, Maitum Municipality piloted the info-education campaign in five barangays after statistics on households with unsanitary toilets was gathered. The info-education

Lake Sebu UEM activities and conduct of the first nationwide gathering of local environment and natural resources officers were completed.

### ***Implementation Challenges and Proposed Resolution***

- Implementation of various *Al Khalifa* activities was put on hold pending the hiring of the short-term *Al Khalifa* Advocacy Coordinator. *Al Khalifa* activities are expected to resume by the third week of January 2010.
- Project activities as well as travel to sensitive areas such as in Upi, Maguindanao; Cotabato City and Sultan Kudarat Province were suspended due to the violence that erupted in Maguindanao Province. Some activities are expected to be conducted again, at least in Sultan Kudarat (where situation is now generally peaceful) during the first quarter of 2010.
- Travel to Pagadian City in Western Mindanao was also affected as Technical Assistance team coming from Davao City now has to go through Cagayan de Oro (instead of via Cotabato City) which has extended travel time by at least four hours.

### ***Activities for the next quarter***

- Conduct GSA in at least eight more LGUs in Mindanao.
- Support activities to implement MOA with Mindanao State University System (MSUS), such as the review/finalization of the first module on environmental governance integrating *Al Khalifa* principles.
- Continue collaboration with key partners in conducting *Al Khalifa*-related activities (such as drafting of *fatwa* on environment, finalizing drafts of *khutba* contents).
- Strengthen collaboration with stakeholders in Davao Gulf-Mt. Apo area (DENR, Dept of Tourism, academic institutions, Save Davao Gulf Foundation, business support organizations, WWF, media, MEDCO), especially in the conduct of a coordinated advocacy campaign in Davao Gulf, that connects the ridge-to-reef integrated ecosystem management approach with biodiversity conservation and addressing climate change issues.
- Design and implement activity on climate change for key partners, with emphasis on conduct of vulnerability assessment to adaptation and disaster risk reduction planning.
- Continue to work with DENR 9 *Al Khalifa* team to strengthen its advocacies in Zamboanga Peninsula, and enlisting the PENRO/CENROs as leaders in their respective areas of responsibilities.
- Writing of at least two success stories on gender.

- Development of at least one more IEC material on environmental management based on *Al Khalifa*.
- Preparation/completion of a menu of prototype IEC materials for LGUs.

## 2.6 Management and Administration

### a. Expected Outputs for the Quarter

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

**Table 7. Management and Administration Objectives and Activities Y6Q1**

<b>Objectives and Activities</b>	<b>Status/Remarks</b>
<ul style="list-style-type: none"> <li>• Prepare for, and conduct a Work Plan Y6Y7 Review Meeting for USAID, DENR and other project partners.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Prepare for, and host the Annual Environmental Program Implementation Review Project Implementation Report (PIR) requirements meeting between USAID, DENR and other partners.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Mobilize the General Santos office to the new location in Davao City and consolidate with the existing sub-office in Davao City.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Finalize negotiations with, and engage the preferred candidate for CRM Sector Coordinator, subject to USAID approval processes.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Process modified</i></li> </ul>
<ul style="list-style-type: none"> <li>• Mobilize the STTA Mindanao Protected Area (MPA) Specialist, Raoul Geollegue to coordinate, direct, and carry out the TAP-based technical assistance to the PAMB of Mt. Apo Natural Park (MANP) Protected Area Management Board (PAMB) towards the improvement of their forest management activities.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Engage the STTA Legal Specialist, Wilman Pollisco to review the DENR enforcement handbook, input on the Sarangani draft provincial environment code, facilitate the Samal City environmental user fee (EUF) scheme and other LGU-level legal and policy instruments and ordinances in support of environmental programs and national policy initiatives.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Mobilize Coastal Resources Management (CRM) Senior Advisor, Marie Antonette Meñez to advise the project on the achievement of its coastal areas targets under improved management and the other deliverables for the CRM sector in the approved EcoGov Work Plan for Years 6 and 7.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Mobilize Coastal Resources Management (CRM) - MPA Network Advisor, Porfirio Aliño to advise the project on the achievement of its targets related to establishment and strengthening of MPAs and the other deliverables for the CRM sector in the approved EcoGov Work Plan for Years 6 and 7.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Finalize the SOW and STTA contract for Ms. Rosario Farrarons to act as Regional Communications Specialist (Central Visayas).</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Finalize the competitive process and engage a national level Communications Specialist, Regional Communications Officer of Mindanao.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Donate the two US manufactured project vehicles to DENR national office and DENR 9 after completion of the necessary repair work per USAID approved Vehicle Disposition Plan.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>• Conduct internal competition for the position of Office Manager, Mindanao. Engage the winning candidate to fill the position.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Completed</i></li> </ul>

<b>Objectives and Activities</b>	<b>Status/Remarks</b>
<ul style="list-style-type: none"> <li>Finalize the SOW and STTA contract for Mr. Edward Lim, Al-Khalifa Advocacy Coordinator.</li> </ul>	<ul style="list-style-type: none"> <li><i>Ongoing</i></li> </ul>
<ul style="list-style-type: none"> <li>Engage candidates from competitions for Assisting Professional (AP) — CRM in Central Visayas; Assisting Professional — GoAd (Manila), and Drivers/Messengers in Mindanao.</li> </ul>	<ul style="list-style-type: none"> <li><i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>Conduct a focused workshop to refine and consolidate an EcoGov knowledge management strategy.</li> </ul>	<ul style="list-style-type: none"> <li><i>Completed</i></li> </ul>
<ul style="list-style-type: none"> <li>Update the EcoGov Operations Manual.</li> </ul>	<ul style="list-style-type: none"> <li><i>Ongoing</i></li> </ul>
<ul style="list-style-type: none"> <li>Continue discussions with RARE Conservation and other partners (i.e., DENR-PAO) to host a social marketing approaches workshop with EcoGov.</li> </ul>	<ul style="list-style-type: none"> <li><i>Ongoing</i></li> </ul>
<ul style="list-style-type: none"> <li>Refine the achievable milestones and proposed activities of the EcoGov Years 6 and 7 workplan by the Management Committee and its presentation to USAID, DENR, NEDA and other partners by EcoGov team members.</li> </ul>	<ul style="list-style-type: none"> <li><i>Completed</i></li> </ul>

***b. Activity Highlights for Y6Q1***

**Project Management**

- Modified the Scopes of Work of key management personnel; Arunkumar Abraham (Chief of Party), Becky Paz (DCOP), Bien Dolom (FFM Sector Leader) and Mel Sapdoy (UEM Coordinator) to align with the main objectives and targets for Year 6 and meet the contractual obligations.
- Engaged Ms. Diwata Paredes (Communication Specialist – National Level) to refine the project’s development and implementation of various knowledge products and knowledge management strategy that showcase technologies, lessons learned and best practices in environmental governance and communications and promotions plan for dissemination at local and national levels.
- Engaged Ms. Cecilia Rodriguez (Regional Communications Officer, Mindanao) to synthesize Mindanao’s various efforts and results of IEC, advocacy and social marketing activities, document the LGU and inter-LGU best practices, and organize events where good practices can be shared with other LGUs, the media, the business community, and other sectors to generate support for the replication, scaling up or sustainability of environmental governance efforts.
- Engaged the STTA Geographical Information System (GIS) Specialist, Ms. Trina Isorena to implement and coordinate the project’s activities related to mapping and geospatial analysis, database in spatial format for easy reference and use in reports and other materials. She will advise the DENR/PLGU teams on concerns that relate to map sources, data quality, map overlay analysis methods and results, GIS software/hardware requirements, and outsourcing mapping services.
- Engaged Ms. JoAnn Binondo (Assisting Professional for CRM) to provide field-level facilitation and coordination of CRM activities in Negros Oriental LGUs while addressing its biodiversity conservation objectives. These include a number of MPAs

in Tañon Strait and South Negros Sea/Sulu Sea of Negros Oriental for strengthening and networking.

- Engaged Ms. Corazon de Jesus (Research Assistant for GoAd) to support the LGU-Guided Self Assessment (LGU GSA) activities, continue work on developing the information base on sources of ENR financing in the Philippines along with profiles, contacts and review opportunity briefs and reports on LGU projects for ENR financing, and crosscutting work to address various concerns in policy governance and advocacy.
- After a competitive process, the candidate for CRM Sector Coordinator was identified. However, EcoGov was not able to meet the salary demands of the candidate, so the position remains open. In view of this situation and the succeeding lapse in the CRM component activities going forward an interim plan was put forward on 15 December 2009, which would help EcoGov achieve Y6 targets.
- During the month of November, EcoGov negotiated and finalized a contract of lease with a new landlord to take over premises in Davao City. Following this, a new Regional Office for Mindanao was established by consolidating the General Santos office and previous Davao City sub-office.
- EcoGov hosted a Work Plan Y6Y7 Review Meeting on 01 October 2009 in Ortigas Center, which was attended by officials from USAID Office of Energy and Environment, the DENR-FASPO, DENR Planning and Studies Office, DENR-FMB, DENR-NSWMC, DENR-PAWB, DENR Regions 3, 7, 9, 11 and 12, DA-BFAR and the LMP. The proposed scope of work was presented by the EcoGov team and discussion followed with respect to the various challenges and opportunities. Among these were the efforts to promote sustainability that would be inherent in the



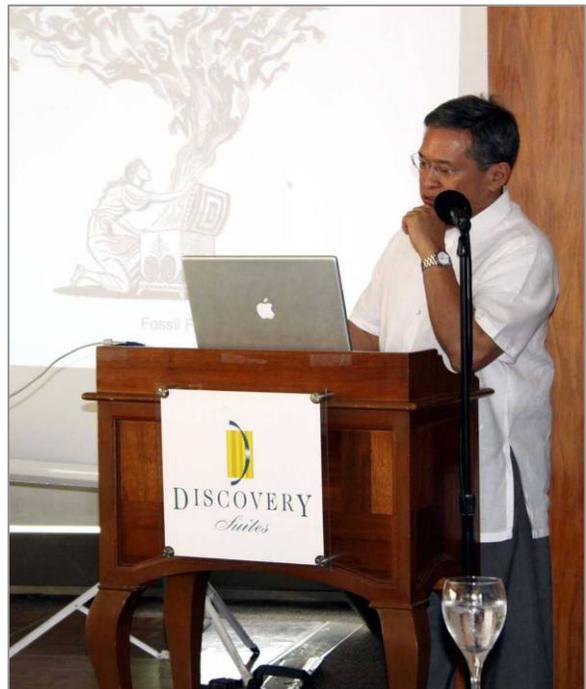
*Mr. Rolf Anderson, Chief USAID-OEE at the annual PIR meeting stresses the need to address global climate change concerns and the importance of ensure flows of knowledge to LGUs. Photo by: Ramon Blanco/USAID-EcoGov.*

knowledge management strategy and sustainable financing mechanisms, integrating global climate change, and adaptive strategies in view of the upcoming May 2010 elections. Discussion highlights of the meeting were prepared and distributed.

- EcoGov hosted the “Environment Program Annual Implementation Review” meeting on 6 October 2009 in Pasig City. This meeting was

held in the context of The Philippines and United States Environment and Energy Programs Assistance Agreement (EEPAA). All environmental projects supported by the USAID OEE were represented. Host country partners included DENR-FASPO, DENR-FMB, DENR-PAWB, DENR-PPSO, NEDA, DA, DA-BFAR, LMP, LCP, Department of Transport and Communications (DOTC), Department of Finance (DOF), NCDPC, Following project presentations, discussions on key issues, challenges and opportunities followed, with an emphasis on reinforcing existing synergies and complementarities between and among the various initiatives. The proceedings have been drafted and submitted to USAID and DENR-FASPO for distribution.

- On 08 December 2009 an administrative team meeting was conducted in Manila which included the Administrative Officer and the Officer Managers and Administrative Assistants from Central Visayas and Mindanao. The meeting focused on familiarizing participants on LOE tracking using the TAMIS, as well as streamlining of various operations and administrative procedures.
- On 8 December 2009 a finance team meeting was conducted in Manila which included the Finance Officer, Deputy Finance Officer, Regional Accountants and Accountant. The meeting resulted in sharpening of various aspects of project financial procedures and consolidating a review of the new finance manual.
- An all EcoGov team meeting was convened on 9 December 2009 in Manila. The purpose of the meeting was to review updates to the personnel guidelines on security and risk management, updates to the policy and procedures manual, and address any related concerns. In addition to this, the team benefitted from two special presentations by external resource persons. The first on “Ten Secrets of Leadership” was delivered by Mr. Ric Abadesco Jr., an expert in organizational development, Managing Director of Effectiveness Analysis, Inc. and former Senior VP, Corporate Human Resources for the San Miguel Corporation. Following this, Mr. Lorenzo (Lory) Tan, CEO and Vice-Chairman of the Board, WWF Philippines provided analytical insights on core issues in climate change affecting the country and the region as part of a presentation titled “Lifeboats and Lifelines: Philippine Climate Impacts and Sustainability”.



*“Lifeboats and Lifelines”: Mr Lory Tan of WWF Philippines addresses the EcoGov team, highlighting the importance of locally driven disaster risk reduction and adaptive strategy development to address microclimate impacts. Photo by: Lume Inamac/USAID-EcoGov*

### Small Grants Program

- No major activity under the grants program was conducted for this period pending finalization of Grants budget for Year 6.
- With the anticipated reduced funding for the grants program in Year 6, the option to use direct solicitation method as opposed to open and full competition method is seriously being considered. This option is included in the approved Grant Manual.
- The total number of grants awarded remains at 34 with a combined value of Php13.69 million (USD 283,041) and distributed across 32 organizations. Of the total amount, Php5.58 million (USD 117,244) was awarded for FFM-related activities, Php3.86 million (USD 78,214) to CRM, Php3.74 million (USD 76,757) to UEM, and Php513 thousand (USD 10,826) to IEC/Advocacy.
- By regional distribution, Southern and Central Mindanao grantees cornered the largest share at Php5.14 million (USD 106,664) followed by Northern Luzon at Php3.33 million (USD 67,350). Central Visayas grantees received Php2.90 million (USD 60,089), while Western Mindanao got Php1.86 million (USD 38,905). One grant worth Php460 thousand (USD 10,033) was administered by Manila Office.
- All 34 grants have been completed and properly closed-out.
- The tables below provide detailed information on the Indefinite Quantity Subcontracts (IQS)

**Table 8. List of Grants Awarded as of December 31, 2009**

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

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

**Table 9. Summary of Grants Disbursements as of December 31, 2009 (by sector) (in USD)**

Sector	No. of Grants	Approved Amount	Disbursed Amount
FFM	15	5,585,345 (118,837)	5,199,590 (110,630)
UEM	9	3,744,891 (79,679)	3,439,890 (73,189)
CRM	8	3,855,738 (82,037)	3,855,716 (82,037)
IEC/Advocacy	2	513,095 (10,917)	513,096 (10,917)
<b>TOTAL Total in USD</b>	<b>34</b>	<b>13,699,069 291,470</b>	<b>13,008,292 276,772</b>

**Table 10. Summary of Grants Disbursements as of December 31, 2009 (by region) (in USD)**

Region	No. of Grants	Approved Amount	Disbursed Amount
Central Visayas	8	2,905,781 (61,825)	2,839,398 (60,413)
Northern Luzon	8	3,334,779 (70,953)	3,282,257 (69,835)
South-Central Mindanao	13	5,138,589 (109,332)	4,604,373 (97,965)
Western Mindanao	4	1,859,920 (39,573)	1,822,264 (38,772)
Other - Manila	1	460,000 (9,787)	460,000 (9,787)
<b>TOTAL Total in USD</b>	<b>34</b>	<b>13,699,069 291,470</b>	<b>13,008,292 276,772</b>

**Indefinite Quantity Subcontracts – Local Service Providers**

- No new contract was issued during the quarter pending finalization of sub-contracts budget for Year 6.
- The implementation of the Master in Public Management (MPM) program for Lanao del Sur PLGU officials, which was supported by EcoGov through the issuance of an FPPO contract to Ateneo de Manila University, is expected to end with the graduation of 18 students in March 2010. The students have completed all classroom sessions and are now preparing their individual project papers.
- The total number of contracts issued remains at 28 for the IQS mechanism and two for the Fixed Price Purchase Orders. These contracts have a total value of PhP 22.52 million (USD 479,149) distributed across 14 Local Service Providers. By sectoral distribution, FFM got the largest share of the total amount with 34% (PhP 7.71 million or USD 164,043), followed by CRM at 31% (PhP 6.87 million or USD 146,170). UEM accounted for 19% (PhP 4.23 million or USD 90,000), while GOAD had the smallest share at 16% (PhP 3.70 million or USD 78,723).
- By regional distribution, 35% (PhP 7.80 million or USD 165,957) of the total amount was used for Western Mindanao activities, followed by Central Visayas at 30% (PhP 6.81 million or USD 144,894). 20% (PhP 4.40 million or USD 93,617) went to Southern and Central Mindanao while the remaining 16% (PhP 3.49 million or USD 74,255) went to Northern Luzon.
- The tables below provide detailed information on the IQS

**Table 11. List of Local Service Providers as of December 31, 2009**

<b>IQS / FPPO Number</b>	<b>Name of Local Service Provider</b>	<b>Sector</b>	<b>No. of Contracts to date</b>
3841-001-06S-001	Friends of the Environment for Development and Sustainability, Inc. (FRENDSD)	FFM	4
3841-001-06S-002	Coastal Conservation Education Foundation, Inc. (CCEF)	CRM	3
3841-001-06S-003	Mindanao State University of Naawan (MSU-Naawan)	CRM	3
3841-001-06S-004	Solid Waste Management Association of the Philippines (SWAPP)	UEM	3
3841-001-06S-005	Basic Needs Services Philippines, Inc. (BNS)	UEM	1
3841-001-06S-006	Tanggol Kalikasan, Inc. (TK)	CRM	1
3841-001-06S-007	Institute for Small Farms and Industries (ISFI)	FFM UEM	4 1
3841-001-06S-008	Technology Outreach and Community Help Foundation, Inc. (TOUCH)	FFM	2
3841-001-06S-009	Mindanao Integrated Resource Development, Inc. (MIRDI)	GoAd	1
3841-001-06S-010	Cebu Uniting for Sustainable Water Foundation, Inc. (CUSWFI)	GoAd	1
3841-001-06S-011	Salonga Center for Law and Development - Silliman University	GoAd CRM	1 1
3841-001-06S-012	SEA Consultants, Inc. (CSI)	UEM	2
001	CEST, Inc.	UEM	1
32-GOAD-4-WM-8-ADMU-1	Integrating Environmental Governance into the Masters of Public Management Degree Program	GOAD	1

**Table 12. Summary of Disbursements for Task Orders and FPPO as of December 31, 2009 (in USD)**

<b>Name of Local Service Provider</b>	<b>No. of Task Orders / FPPO</b>	<b>Task Order/ FPPO Value</b>	<b>Actual Disbursement</b>
Friends of the Environment for Development and Sustainability, Inc. (FRENDSD)	4	2,638,927 (56,147)	2,618,563 (55,714)
Coastal Conservation Education Foundation, Inc. (CCEF)	3	2,467,472 (52,499)	2,293,931 (48,807)
Mindanao State University of Naawan (MSU-Naawan)	3	2,004,333 (42,645)	1,834,477 (39,031)
Solid Waste Management Association of the Philippines (SWAPP)	3	1,413,678 (30,078)	1,188,341 (25,284)
Basic Needs Services Philippines, Inc. (BNS)	1	342,320 (7,283)	305,955 (6,510)
Tanggol Kalikasan, Inc. (TK)	1	701,739 (14,931)	586,009 (12,468)
Institute for Small Farms and Industries (ISFI)	5	2,962,666 (63,035)	2,748,115 (58,471)
Technology Outreach and Community Help Foundation, Inc. (TOUCH)	2	2,397,954 (51,020)	2,136,716 (45,462)
Mindanao Integrated Resource Development, Inc. (MIRDI)	1	296,572 (6,310)	179,694 (3,823)

Name of Local Service Provider	No. of Task Orders / FPPO	Task Order/ FPPO Value	Actual Disbursement
Cebu Uniting for Sustainable Water Foundation, Inc. (CUSWFI)	1	390,897 (8,317)	390,605 (8,311)
Salonga Center for Law and Development - Silliman University	2	2,310,780 (49,166)	1,742,649 (37,078)
SEA Consultants, Inc. (CSI)	2	1,088,350 (23,156)	823,906 (17,530)
CEST, Inc.	1	1,103,796 (23,485)	1,103,796 (23,485)
Ateneo de Manila School of Government (ADMU-ASOG)	1	2,400,000 (51,064)	863,730 (18,377)
<b>TOTAL</b>		<b>22,519,484</b>	<b>18,816,489</b>
<b>Total in USD</b>		<b>479,138</b>	<b>400,351</b>

### **Project Expenditures**

- After 21 quarters of project execution out of a total planned 28 quarter life of the project, 75 percent of the performance period has elapsed and the project has expended 81 percent of total contract funds. While this might give the impression that the project has been utilizing funds at an accelerated rate, the burn rate is consistent with the proposed budgets for the base and option periods. The option period of EcoGov2 extends the project's period of performance by two years a 40% increase in the period of performance and increases the total budget by 23%. Since receiving USAID approval to exercise the option period, the project has tracked expenditures against life of project funding and has made programmatic adjustments to ensure that future activities are aligned with the anticipated availability of funds and will not exceed the contract ceiling.

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

- The updated EcoGov2 Policies and Operations Manual which will guide EcoGov2 in Years 6 and 7 will be disseminated to all project employees. The manual was updated to include the 54 policy memo adjustments that were issued from 2004 to 2009. The manual comply with the local Philippine labor code, USAID rules and regulations, and support the DAI Bethesda corporate Operations Manual which contains the DAI policies, procedures, guidelines, and templates for its worldwide projects.
- The updated Personnel Guidelines for Security and Risk Management, including the EcoGov Finance Manual will be disseminated to key management project employees. These manuals comply with the USAID rules and regulations, and the DAI Bethesda corporate financial operations, as well as its risk and security policies and guidelines for DAI worldwide projects.

*d. Objectives for the Next Quarter*

- Submit the Commodity Inventory Listing (CIL) of expendable and non expendable property of EcoGov to USAID as of December 30, 2009.
- Engage the STTA Al-Khalifa Advocacy Coordinator, Edward Lim to promote, coordinate and facilitate the institutionalization and integration of Al Khalifa principles into the works and programs of key partners such as the DENR-ARMM and DENR-9, the ARMM Regional Legislative Assembly, the academe (e.g., MSU system that covers various regions), selected LGUs in Mindanao, religious sector and projects that operate in Muslim Mindanao.
- Engage the STTA Sanitary Landfill Design and Construction Specialist, Manny Vargas to provide technical inputs on the design/refinement of training modules and knowledge products related to SLF development. He will coach the EcoGov regional team, DENR and LGU partners on the engineering design and construction methods, actual planning and programming of Category 1 and 2 sanitary landfills to the LGUs of Surallah (SLF for a cluster of LGUs), Digos City (capital of Davao del Sur), Isulan (capital of Sultan Kudarat) and Kabacan (North Cotabato).
- Mobilize STTA Senior Advisor for Waste Management expat, Leo Larochelle to mentor and advise the LGUs of Surallah, Polomolok and Digos City concerned Mayors, engineers and staff, PLGUs, EMB 11/12 and EcoGov UEM regional team in developing constructions plans, methods and performance that are appropriate for the design and location of their waste management facility and available budget resources.
- Engage the STTA LGU Finance Specialist, Virgie Magdolot to assist the LGUs of Maitum, Kiamba, and Malapatan of Sarangani and Malalag of Davao del Sur to review their cost standards and computations, and their revenue data from their operating budgets and septage management fee, consolidate and organize the LGU financial data, and identify training needs and concerns for incorporation to the WWM training.
- Engage Lito Mancao (Senior Assisting Professional for CRM) to advise PLGU units on the institutionalization of PLGU (Zamboanga del Sur) support to IBRA 9 and MPA networks and to pioneering CRM/FRM initiatives of identified LGU learning sites/ models in the province, to expand support groups, IEC, enforcement in no-take areas, and monitoring and evaluation.
- Engage Natalio Cuizon, Jr. to fill the driver/messenger position for Mindanao following the competitive selection process. He will replace Oscar Du who voluntarily terminated his contract.