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PHILIPPINE ENVIRONMENTAL GOVERNANCE 2 PROJECT (EcoGov 2)

# Quarterly Performance Report No. 15

April 1 through June 30, 2008

September 19, 2008

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



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

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

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



## PREFACE

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

The Contract requires DAI to submit Quarterly Progress Reports to USAID within 45 days of the close of each operating quarter. This report summarizes the April to June 2008 quarterly objectives, accomplishments toward those objectives, implementation issues and proposed resolutions, the status toward achieving sustainability of efforts, and the planned performance objectives for the next quarter.

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

Ernesto S. Guiang  
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Chief of Party  
USAID/Philippines EcoGov 2

August 15, 2008



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

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

## ACRONYMS

|         |   |   |
|---------|---|---|
| ADSDPP  | - | Ancestral Domain Sustainable Development and Protection Plan        |
| ADB     | - | Asian Development Bank  |
| ARMM    | - | Autonomous Region in Muslim Mindanao                                |
| BEMO    | - | Bohol Environment Management Office                                 |
| BFMT    | - | Barangay Forest Management Team                                     |
| CADT    | - | Certificate of Ancestral Domain Title                               |
| CBFM    | - | Community-Based Forest Management                                   |
| CBFMA   | - | Community-Based Forest Management Agreement                         |
| CLIN    | - | Contract Line Item Number   |
| CPDO    | - | City Planning and Development Office                                |
| CRM     | - | Coastal Resources Management  |
| CSCRCM  | - | Camotes Sea Coastal Resources Management Council                    |
| CUSW    | - | Cebu Uniting for Sustainable Water                                  |
| CVAI    | - | Cesar Virata & Associates, Inc.                                     |
| DA/BFAR | - | Department of Agriculture/Bureau of Fisheries and Aquatic Resources |
| DAI     | - | Development Alternatives, Inc.                                      |
| DED     | - | Detailed Engineering Designs  |
| DENR    | - | Department of Environment and Natural Resources                     |
| DILG    | - | Department of the Interior and Local Government                     |
| DOJ     | - | Department of Justice   |
| DOST    | - | Department of Science and Technology                                |
| ECC     | - | Environmental Compliance Certificate                                |
| EcoGov  | - | USAID-Philippine Environmental Governance 2 Project                 |
| EMB     | - | Environmental Management Bureau                                     |
| EMG     | - | Emerging Markets Group  |
| ENR     | - | Environment and Natural Resources                                   |
| ENRD    | - | Environment and Natural Resources Division                          |
| ENRM    | - | Environment and Natural Resources Management                        |
| ENRMP   | - | Environment and Natural Resources Management Plan                   |
| ENRO    | - | Environment and Natural Resources Office                            |
| EO      | - | Executive Order   |
| FASPO   | - | Foreign-Assisted and Special Projects Office                        |
| FFM     | - | Forests and Forest Lands Management                                 |
| FGD     | - | Focus Group Discussion  |
| FISH    | - | Fisheries Improved for Sustainable Harvest                          |
| FISH BE | - | Fisheries Bio-Economic Model  |
| FLUP    | - | Forest Land Use Plan  |
| FMB     | - | Forest Management Bureau  |
| FRENDS  | - | Friends of the Environment for Development and Sustainability       |
| GK      | - | Gawad Kalinga   |
| GoAd    | - | Governance and Advocacy Sector                                      |
| GOP     | - | Government of the Philippines                                       |
| GSA     | - | Guided Self-Assessment  |
| GTZ     | - | German Technical Assistance   |
| IBRA    | - | Illana Bay Regional Alliance  |
| ICRMP   | - | Integrated Coastal Resources Management Plan                        |
| IEC     | - | Information, Education and Communication                            |

|       |  |
|-------|--|
| IEM   | - Integrated Ecosystem Management                        |
| IP    | - Indigenous People                                      |
| IPR   | - Individual Property Right                              |
| IQS   | - Indefinite Quantity Subcontracts                       |
| IRMP  | - Integrated Resource Management Plan                    |
| IRR   | - Implementing Rules and Regulations                     |
| ISFI  | - Institute for Small Farms and Industries               |
| ISWM  | - Integrated Solid Waste Management                      |
| KAP   | - Knowledge Awareness and Practices                      |
| KP    | - Knowledge Product                                      |
| LCE   | - Local Chief Executive                                  |
| LCP   | - League of Cities of the Philippines                    |
| LGU   | - Local Government Unit                                  |
| LMP   | - League of Municipalities of the Philippines            |
| LOP   | - Life of Project  |
| LPP   | - League of Provinces of the Philippines                 |
| LSP   | - Local Service Provider                                 |
| MANP  | - Mount Apo Natural Park                                 |
| M&E   | - Monitoring and Evaluation                              |
| MDC   | - Municipal Development Council                          |
| 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                              |
| NCIP  | - National Commission for Indigenous Peoples             |
| NGA   | - National Government Agency                             |
| NGO   | - Non-Government Organization                            |
| NIPAS | - National Integrated Protected Area System              |
| NPC   | - National Power Corporation                             |
| NRM   | - Natural Resources Management                           |
| NSWMC | - National Solid Waste Management Commission             |
| OIDCI | - Orient Integrated Development Consultants, Inc.        |
| PAWB  | - Protected Areas and Wildlife Bureau                    |
| PCG   | - Philippine Coast Guard                                 |
| PEMO  | - Provincial Environment Management office               |
| PENRO | - Provincial Environment and Natural Resources Office    |
| PES   | - Payment of Environmental Services                      |
| PESC  | - Provincial Environment Steering Committee              |
| PIA   | - Philippine Information Agency                          |
| PLGU  | - Provincial LGU   |
| PME   | - Participatory Monitoring and Evaluation                |
| PNP   | - Philippine National Police                             |
| PO    | - People's Organization                                  |
| RA    | - Republic Act   |
| RED   | - Regional Executive Director                            |
| REECS | - Resources, Environment and Economic Center for Studies |

|        |   |   |
|--------|---|---|
| RMP    | - | Resource Management Plan                              |
| SB     | - | Sangguniang Bayan                                     |
| SCOTIA | - | Sustainable Coastal Tourism in Asia                   |
| SEC    | - | Securities and Exchange Commission                    |
| SLF    | - | Sanitary Landfill Facility                            |
| SO     | - | Strategic Objective                                   |
| SOW    | - | Scope of Work   |
| SP     | - | Sangguniang Panlalawigan                              |
| STF    | - | Septage Treatment Facilities                          |
| STTA   | - | Short-Term Technical Assistance                       |
| SuWMB  | - | Sustainable Waste Management Board                    |
| SWAPP  | - | Solid Waste Management Association of the Philippines |
| SWM    | - | Solid Waste Management                                |
| TA     | - | Technical Assistance                                  |
| TAP    | - | Transparency, Accountability and Participatory        |
| TWG    | - | Technical Working Group                               |
| UEM    | - | Urban Environmental Management                        |
| UFO    | - | Unified Fisheries Ordinance                           |
| USAID  | - | United States Agency for International Development    |
| USM    | - | University of Southern Mindanao                       |
| WACS   | - | Waste Assessment and Characterization Study           |
| WWM    | - | Wastewater Management                                 |
| WWTF   | - | Wastewater Treatment Facilities                       |



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

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

### 1.1. Project Overview

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

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

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

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

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

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

CLIN 0005: Municipal Investment in Sanitation, with a five-year target of promoting public and private investment in the wastewater and solid waste disposal facilities of 20 LGUs. (Referred to in this report as the municipal finance sector.)

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

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

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

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

Cebu City: serving LGUs in Central Visayas.

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

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

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

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<sup>2</sup> EcoGov 1/EcoGov 2 maintained a regional office in Cotabato City for this portion of Mindanao throughout 2002, 2003, 2004, and 2005. For strategic and logistical reasons, this office relocated to General Santos City at the close of 2005.

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

We note the following trends and highlights for the last quarter:

- In response to USAID and DENR milestones for the next 3.5 years, the project held an internal meeting to assess, re-align current strategies, or pursue more effective approaches to implementation. The project intends to promote sound environmental governance at the local and national levels to ensure biodiversity conservation in key biodiversity areas while addressing issues that are related to global climate change, scaling up of EcoGov best practices to other LGUs within the province or region, sustainable financing for implementation at the local levels, and mainstreaming (ensuring ownership of DENR) the project's best practices with the DENR and provincial government systems.
- The project has continued to gain headway in getting the interest of several provinces and the local and national DENR to respond to a more integrated approach to environment and natural resource (ENR) management based on a given landscape and boundaries of various political units. This has been the focus of several summits, conferences, and meetings during the last quarter, in particular:
  - The CRM summit in Zamboanga del Sur which was keynoted by no less than US Ambassador Kristie Kenney on May 30, 2008 in Pagadian City;
  - The DENR-Foreign-Assisted and Special Projects Office (FASPO) discussions to operationalize the agency's integrated ecosystem management (IEM) approach;
  - Cross visits and learnings of the participants to the Asia-Pacific Forestry Week in Hanoi, Vietnam;
  - The Camotes Islands LGU conference on investments in CRM;
  - Discussions on Payment of Environmental Services (PES) in Barobbob, Bayombong, Nueva Vizcaya; and Dimapatoy, Cotabato City, DOS, and Upi, Maguindanao; and
  - The Climate Change Summit in Negros Islands.
- During the last quarter, the project intensified its implementation activities in Wastewater Management (WWM) especially in Davao Gulf, Southern and Central Mindanao; and in conducting training on waste diversion-oriented social marketing to scale up solid waste management (SWM) in Western Mindanao and Central Visayas.
- The team continued to consolidate, organize, and prepare knowledge products based on the project's experiences and best practices in preparation for intensified scaling up with local DENR and provinces to assist other LGUs that are not currently receiving direct EcoGov assistance. In Western Mindanao, the project continued to work with Muslim leaders, religious groups, and the Mindanao State University (MSU) in finalizing the Al-Khalifa resource book and development of communication materials as means to reach out to Autonomous Region in Muslim Mindanao (ARMM) LGUs and Muslim-dominated areas for improving their environmental governance practices.
- The project continued to refine innovative approaches in business planning to increase the cost recovery of SWM, PES as a sustainable alternative source of environmental financing for watershed management (Barobbob and Dimapatoy and carbon capture (Maasim, Sarangani), organizational development approach to help LGUs align their environmental management functions with their structures, a ridge-to-reef approach for ENR integration within an LGU in order to focus and prioritize investments and local environmental policies

and programs, and Marine Protected Area (MPA) networking to ensure collective efforts on enforcement, communication campaigns, and reduction of threats to biodiversity conservation.

- The table below summarizes achievements to date per the project's eight performance indicators. EcoGov 2 continues to meet target deliverables for the last quarter.

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

| Life-of-Project (LoP) Target   | Year 4 Target                 | Accomplishments       |                                    |
|--|-------------------------------|-----------------------|------------------------------------|
|  |                               | Year 4                | LoP                                |
| <b>Indicator 1: Number of government institutions meeting good environmental governance index</b>            |                               |                       |                                    |
| 80 LGUs  | 60 LGUs (cumulative)          | 53 LGUs (88%)*        | 53 LGUs (66%)                      |
| <b>Indicator 2: Hectares of natural forest under improved management</b>                                     |                               |                       |                                    |
| 254,670 ha   | 81,581 ha                     | 25,708 ha (32%)       | 181,401 ha (71%)                   |
| <b>Indicator 3: Hectares of forestlands under productive development</b>                                     |                               |                       |                                    |
| 14,000 ha  | 16,200 ha                     | 15,138 ha (93%)       | 28,449 ha (203%)                   |
| <b>Indicator 4: Coastal areas under improved management</b>  |                               |                       |                                    |
| 106,700 ha   | 44,875 ha                     | 19,668 ha (44%)       | 93,067 ha (87%)                    |
| <b>Indicator 5: Number and hectares of new marine sanctuaries established</b>                                |                               |                       |                                    |
| 20 sanctuaries (627 ha)  | LOP target achieved in Year 3 |                       | 20 MPAs (100%);<br>1,303 ha (208%) |
| <b>Indicator 6: Number and hectares of existing marine sanctuaries under improved management</b>             |                               |                       |                                    |
| 50 sanctuaries (2,500 ha)  | 27 MPAs                       | 5 MPAs (18%) (335 ha) | 19 MPAs (38%);<br>1,789 ha (72%)   |
| <b>Indicator 7: Number of LGUs diverting at least 25% of waste from disposal to recycling and composting</b> |                               |                       |                                    |
| 90 LGUs  | 18 LGUs                       | 9 LGUs                | 43 LGUs (48%)                      |
| <b>Indicator 8: Number of LGUs investing in wastewater facilities</b>  |                               |                       |                                    |
| 20 LGUs  | 5                             | 3 (60%)               | 3 (15%)                            |

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

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

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

### 2.1. Strengthened Government Institutions

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

Expected outputs in this sector for Quarter No. 15 were as follows:

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

| Expected Outputs   | Status   |
|--|--|
| <ul style="list-style-type: none"> <li>Engage the media specialists and develop a campaign for strategically selected audiences in Manila and Southern and Central Mindanao as a pilot for using a more coordinated effort to disseminate and advocate environmental governance.</li> </ul>  | <ul style="list-style-type: none"> <li>Completed engaging the media specialists. A draft plan is completed and included in the EcoGov 3.5 year work plan. Mobilizing Short Term Technical Assistance (STTAs) has started.</li> </ul> |
| <ul style="list-style-type: none"> <li>Monitor and assist each sector as they draft, finalize, and test their prioritized knowledge products.</li> </ul>   | <ul style="list-style-type: none"> <li>Ongoing</li> </ul>  |
| <ul style="list-style-type: none"> <li>Draft and review the Focus Group Discussion (FGD) and Social Marketing Guides for the Urban Environmental Management (UEM) sector. This will be based on ongoing and completed works in Central Visayas, Southern and Central Mindanao, and Western Mindanao.</li> </ul>                        | <ul style="list-style-type: none"> <li>Draft completed and undergoing testing in various LGUs</li> </ul>   |
| <ul style="list-style-type: none"> <li>Draft and review the Scope of Work (SOW) for gender assessment of EcoGov 2 implementation and engage either under a service contract or STTA for carrying out the study.</li> </ul>   | <ul style="list-style-type: none"> <li>Completed but project decided not to engage a consultant at this time.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Participate in the forthcoming Earth Day Celebration by displaying photo exhibits that highlight the governance and management challenges of a “Ridge-to-Reef Resource Management” approach.</li> </ul>   | <ul style="list-style-type: none"> <li>Completed</li> </ul>  |
| <ul style="list-style-type: none"> <li>Participate in the upcoming Negros Island Global Climate Change (GCC) conference highlighting the need to sequester carbon and reduce C emission from various sources. EcoGov 2 plans to use Bayawan City for estimating potentials for C sequestration and reduction of C emission.</li> </ul> | <ul style="list-style-type: none"> <li>Completed with estimates for forestry, solid waste, and mangrove forests.</li> </ul>  |
| <ul style="list-style-type: none"> <li>Work with the FFM sector in organizing and finalizing the LGU photo exhibits on Forest Land</li> </ul>  | <ul style="list-style-type: none"> <li>Completed</li> </ul>  |

| Expected Outputs  | Status  |
|---|---|
| Use Plan (FLUP) planning and implementation to be displayed in the Asia-Pacific Forestry Week Conference in Hanoi, Vietnam.   |   |
| <ul style="list-style-type: none"> <li>• Prioritize the development, testing, and dissemination of Al-Khalifa-based IEC, advocacy, and training materials for the use of LGUs, academic institutions, non-government organizations (NGOs), and donor-funded projects in Muslim Mindanao.</li> </ul> | <ul style="list-style-type: none"> <li>• Ongoing</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Finalize arrangements for the video production episodes on EcoGov best practices for airing in NBN Channel 4.</li> </ul>   | <ul style="list-style-type: none"> <li>• Completed</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Work with each sector in finalizing arrangements for regional and thematic workshops on key ENR topics—FLUP, CRM zoning, PES, business planning.</li> </ul>  | <ul style="list-style-type: none"> <li>• Continuing at the provincial level with their scaling up activities; collaboration with other donors – German Technical Assistance (GTZ), Philippine Tropical Forest Conservation Foundation (PTFCF), World Bank-Environment and Natural Resources Management Plan (ENRMP) will have to be finalized.</li> </ul> |

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

The following sections will highlight the accomplishments and activities of national and regional support for achieving sector targets.

**National – Support for Implementing Sector Activities**

**Highlights**

- **Governance Index.** Drafted the Guided Self-Assessment (GSA) report covering the 91 LGUs and is now undergoing EcoGov review. The report assesses the progress in LGU environmental governance as measured by the various indices (by function, principle and by sector) since the baseline assessment. A total of 60 individual LGU GSA reports have been drafted.
  - Of the original 82 LGUs that underwent the baseline GSA, 73 (86%) either improved their over-all index or sustained their high baseline performance. The rest (9) of the LGUs showed deteriorated over-all index performance which may be attributed to change in political leadership, financial constraints, inadequate local technical expertise, and declined functionality of environment management offices and bodies.
  - Of the total of 91 LGUs (82 original and nine additional LGUs) that underwent the midterm assessment, 53 (58% of total) are well performing (based on cut-off index of 0.75-1.00), 18 are medium performing (over-all index of 0.39-0.74), and 18 are overspecializing (well-performing in one sector, low performing in another sector). Only two (2%) LGUs remain low performers (over-all index of 0.38 and below).

- **Advocacy.** Developed a Ridge-to-Reef exhibit for the **Mall of Asia Earth Day Celebration** in April, 2008. The main feature of the exhibit is the advocacy for a Ridge-to-Reef approach to integrated Environment and Natural Resources Management (ENRM), the interconnectedness of the systems, how it may work, including the benefits to communities and society as a whole.
- **Collaboration.** Explored collaborative and complementary work with other DENR FASPO projects especially the World Bank-ENRMP and Asian Development Bank or ADB-funded Integrated Coastal Resource Management Project (ICRMP) and GTZ for the planning and implementation of the IEM framework in key pilot areas. EcoGov developed initial powerpoint presentation for the IEM framework that was discussed with DENR/FASPO, donor staff, and bureau staff from Forest Management Bureau (FMB), Protected Areas and Wildlife Bureau (PAWB), Policy and Planning, and Environmental Management Bureau (EMB).
- **Collaboration.** Held initial meetings with the provincial governors of Lanao del Sur, Sarangani, and South Cotabato for the possible piloting of the Master in Public Management (MPM, major in Environmental Governance) among their staff and LGU officials. The initiative forms part of the implementation of the MOA between the EcoGov 2 and Ateneo de Manila School of Government to improve environmental governance among LGUs. The three governors expressed their willingness to provide at least 25-30% counterpart for the total cost of the MPM over a period of 18-24 months.
- **Collaboration.** EcoGov participated in the ECO-Asia and Gender in Water and Sanitation Sectors roundtable held on June 27. A powerpoint presentation concerning EcoGov initiatives in the solid and liquid waste sector was prepared as input to the US Embassy's presentation at this conference.
- **Collaboration.** Agreed with Department of Science and Technology (DOST)/Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD) to co-publish the Jathropa compendium of studies and recommendations. EcoGov 2 was part of the institutions that developed and compiled the compendium of practices and literature.
- **IEC and Media Linkages.** During the quarter, EcoGov wrote and released a variety of bullet stories, captioned photos, and news releases, and saw many different published accounts of its work.
- **Knowledge Product (KP) Development.** During the quarter, several EcoGov 2 KP materials were prepared, produced, tested, or published.

Crosscutting KPs:

- Folio2 Success Stories. Final copy editing ongoing; preliminary layout completed (c/o EG Hizon). Theme is "Empowered local people; purposive partnerships; improved lives."
- "Al Khalifa (The Steward)" Guidebook and related material. SOWs completed and formal approval pending for: Darul Ifta-enhanced edition (including related SOWs for Marawi City write-up and cover artist); Arabic-language version; Maguindanao language version; prayer book; and, a layman's version. Recruitment of service providers ongoing. Canvassing of printing press for Darul Ifta edition completed. Stakeholder workshop

- conducted in Cagayan de Oro City, April 2008, resulting in advocacy and dissemination action plan by LGU, People's Organization (PO)-NGO, and religious-academe sectors.
- "Guide to Conducting Focus Group Discussions: A Community-based Social Marketing Tool to Increase Participation in Solid Waste Management." Completed and reviewed; final rewriting of text for generic application (i.e., not just for SWM but for all other project sectors); reproduction and dissemination pending.
  - Writing and Reporting "State of the Environment in the Province." Guide for Provincial Local Government Units (PLGUs). First draft completed; review pending.
  - Bullets. Data gathering, writing, finalization, and distribution of weekly bullets ongoing.

#### CRM KPs:

- MPA Cost-Benefit Study. Final editing and laying out of technical study ongoing. A layman's version of the Primer/Fact Sheets to be written and packaged.
- MPA Advocacy Video. SOW completed; initial brainstorming conducted. Approval of SOW pending.
- Proceedings of the Congress on Sustainable Financing and Marine Protected Areas. Printing completed. This congress was co-sponsored by EcoGov and the Philippines Association of Marine Science (PAMS).
- Promoting MPA Best Practices: 2007 Outstanding MPA Awards and Recognition. Printing completed. This was part of a grant provided by EcoGov to PAMS.

#### FFM KPs:

- FLUP Manual. Consolidation of Part 1 (User's Manual) completed by FFM Team; copy editing to be done upon receipt of manuscript. Part 2 (Facilitator's Manual) scheduled for initial writing by FFM team (c/o Bien Dolom).
- Other Forests and Forestlands Management (FFM) KPs under development:
  - Matrix: FLUP Process in a Nutshell
  - Draft outline: Manual in preparing and analyzing maps for the FLUP and Resource Management Plan (RMP)
  - Draft outline: Individual property rights process (by F. Vicente and R. Aragon)
  - Draft outline: Resource management planning manual
  - Draft outline: Financing FLUP annual work plan
- The following papers were turned over for copy editing and packaging. A Layman's Version Fact Sheet will be prepared for each.
  - "Financing the Management of the Barobbob Watershed through Payment of Environmental Services."
  - "Economics of Jatropha Plantation Development: Effect of Farm Gate Price, Wage Rate, and Volume of Harvest on Financial Viability."
  - "Bayawan City Forestlands Carbon Stock and Sequestration Estimates."

#### UEM KPs:

- Waste Assessment and Characterization Manual (updated). The draft was produced from powerpoint presentations, lectures and actual field exercises. This was field tested in selected LGUs.
- Activity-Based Cost Accounting Manual. Initial draft was revised following its review and field testing by the EcoGov team and selected LGU accountants.
- LGU Wastewater Management Assessment. First draft was produced for field testing by LGUs in the Davao Gulf.
- Operations and Maintenance (O and M) Manual for the Tacurong City sanitary landfill (SLF). Finalized and disseminated as prototype SLF operations manual during the formal opening of the SLF.
- Reprinting of ECO-Asia Sanitation Technology Kit. Co-branding completed; reprinting ongoing.
- "Study Report on Greenhouse Gas Emission Estimates from Burning or Composting Cane Trash and Biodegradable/Residual Solid Wastes in Negros Island and Bayawan City and their Implications." For copy editing and packaging. A laymanized version will be produced.

### **Northern Luzon - Support for Implementing Sector Activities**

#### **Highlights**

- **UEM.** The National EcoWaste Management Award was given to San Antonio, Cauayan City by the National Solid Waste Management Commission on April 2008 Earth Day rites. The award recognizes the barangay's initiatives in carrying out a successful campaign on solid waste management as part of Cauayan City's 10-year Solid Waste Management (SWM) Plan, developed with EcoGov assistance.
- **FFM.** The team helped the LGU of Quezon, Nueva Vizcaya in preparing exhibit materials for the participants in the Asia-Pacific Forestry Week, April 21- 26, 2008, Hanoi, Vietnam. The LGU highlighted how it has been addressing issues on climate change, poverty alleviation, investment and trade, forest law enforcement and governance.
- **GoAd.** The team prepared an exhibit for the LMP Luzon Cluster Conference, May 19- 21, 2008 highlighting how the project is currently addressing best practices that demonstrate how to ensure food security, empower communities, reduce poverty, address climate change and disaster mitigation.
- **FFM.** The Northern Luzon FFM Team made a FLUP presentation to the Pantabangan Sangguniang Bayan (SB) in response to their Mayor's request for FLUP formulation replication. The SB members agreed to authorize their mayor to enter into a Memorandum of Agreement (MOA) with DENR and EcoGov. This initiative is expected to get the support of the National Power Corporation (NAPOCOR) in the FLUP process—planning and implementation.
- **FFM.** Assisted the LGUs in Bayombong and Solano in getting the support of their respective SBs for the improved management of the Barobbob Watershed employing, among others, a scheme for PES. As a result, the PES MOA is close to be signed by the Provincial Government of Nueva Vizcaya and the LGUs of Bayombong and Solano.

- **UEM.** Promoted the practice of business planning for waste management among LGUs of Cauayan City, Solano, Bayombong and Aritao. The orientation workshop was attended by SWM Coordinators, accountants and Municipal Planning and Development Coordinators (MPDCs) of said LGUs. The orientation focused on the application of business principles to the LGUs SWM program, foremost of which is cost recovery to reduce SWM dependence on subsidy. LGU officials from Jagna, Bohol and Tacurong City shared their experiences during the orientation workshop
- **UEM.** Advised the LGU of Quezon, Nueva Vizcaya on how to improve the implementation of its SWM. As a result, the mayor designated a new SWM Coordinator to push SWM initiatives, intensify enforcement in Barangay Madiangat as pilot barangay, and set aside needed supplemental budget.
- **GoAd.** Discussed the ridge-to-reef framework and its planning and implementation requirements with the Province of Aurora. The Governor committed to expand the approach in other LGUs of Aurora after enough experience is generated from the pilot in Baler.
- **GoAd.** The team continued to assist the province of Nueva Vizcaya in carrying out the Environment and Natural Resources Office (ENRO) re-organization based on the functions and structure that emerged from the initial workshop in Tagaytay City.
- **GoAd.** Participated in the local/regional celebration of this year's Earth Day Celebration through a "Caravan para sa Kalikasan" which consisted of a motorcade along the Maharlika Highway from Cagayan to Nueva Vizcaya participated in by different agencies and stakeholders. The activity aimed at drumming up public and multisectoral support for the protection of the environment through concerted action and at the personal level, living an environment-friendly lifestyle.
- **GoAd.** The team prepared bullets and news releases on the following:
  - Quirino LGUs and DENR renew ties to protect forests, empower tenure holders
  - San Antonio is national winner as model village for clean living
  - Nueva Vizcaya town steps up SWM enforcement, yields 36 apprehensions
  - Nueva Vizcaya Mayor declares war against timber poaching
  - Endangered soft-shelled turtle resurfaces in Quirino Province
  - MOA inked for preparation of Pantabangan FLUP

### **Objectives for the Next Quarter**

- Assist LGUs with low GSA index improve their environmental governance practices.
- Together with DENR and concerned provinces, develop and carry out a streamlined approach in FFM and/or UEM-Integrated Solid Waste Management (ISWM) for scaling up EcoGov best practices among LGUs in Nueva Vizcaya, Quirino, Aurora, Cagayan, and Zambales including the planning and conduct of provincial summits.
- Develop promotional materials for Quezon, Nueva Vizcaya as FFM learning site.
- Develop simplified IEC material to promote the Barobbob system of PES among water users and other sectors concerned.
- Organize site visits by local journalists and produce relevant write-ups on Northern Luzon EcoGov LGU learning sites.

- Based on approved FLUPs and ISWM plans, develop IEC materials on biodiversity conservation to be used by LGUs and local DENR.

### Central Visayas - Support for Implementing Sector Activities

#### Highlights

- **GoAd.** Continued the analysis of the results of mid-term GSA survey and compared these with the baseline environmental governance index. Thirteen LGUs have over-all LGU index range from 0.53 to 0.74 because of over-specializing in certain EcoGov-assisted sector. There are 21 LGUs in Central Visayas whose over-all index are over 0.75 and thus considered well-performing LGUs. Among these are Bayawan City, Talibon, Maribojoc, Dalaguete and Danao City.
- **GoAd.** Prepared bullets for news releases, IEC and advocacy materials in support of the following:
  - Danao City Inaugurates Million-Pesos Marine Sanctuary Guardhouse (April 17)
  - Farmers from San Miguel, Bohol get rights to their land during Earth Day rites (April 23)
  - EcoGov-assisted LGUs in Bohol Recognized for Outstanding Solid Waste Management Programs (April 24)
  - Farmers get property rights in Bayawan City's forestlands (June 4)
  - Local Governments Converge to Battle Climate Change (June 6)
  - Network of Marine Protected Areas set in Bohol Sea (June 13)
- **GoAd.** Facilitated the visit of US Ambassador Kristie Kenney to Cebu City during the Earth Day celebration. The promotional events included media interaction both radio (DYAB) and TV (GMA and ABS-CBN) which highlighted the message of "Solidarity with Filipinos in marking Earth Day." Her visit encouraged good performance among partners since the US government is the largest grant donor for environment in the Philippines. "It is always good to see our partners and friends, and to witness the positive steps you are taking to protect the environment," said Amb. Kenney.
- **GoAd.** Facilitated participation of LGUs and DENR in various regional, national and international meetings such as the study tour in the Asia-Pacific Forestry Week Conference in Hanoi, Vietnam; the CRM-UEM sector study tour to waste management and coastal tourism initiatives in Batangas after attendance in the Sustainable Coastal Tourism in Asia (SCOTIA) end-of-project conference; and the UEM-WWM sector participation in the Visayas-Mindanao Regional Sanitation Summit in Dumaguete City sponsored by DILG-GTZ Water Program.
- **GoAd.** Consultation with local DENR and PLGUs on the proposed EcoGov 3.5-year work plan in Central Visayas. The project counterpart contributed significant suggestions for improving the Central Visayas initial draft, which will be discussed in Antipolo in early July 2008.
- **GoAd.** Assisted the local DENR and the PLGUs mainstream their regular ENR program within their organizations especially in strengthening their assistance to component cities and municipalities within their respective organizational jurisdiction. Assistance included the following:

- DENR 7 creating FLUP Teams for each Province
  - Training PLGUs of Negros, Bohol and Cebu in UEM-ISWM on EcoGov methods in Waste Assessment and Characterization Study (WACS), SWM planning, ordinance formulation, joint Monitoring and Evaluation (M&E) and social marketing/IEC
  - Coaching and mentoring six Metro Bohol LGUs with the Bohol Environment Management Office (BEMO) and one LGU in Negros with Environment and Natural Resources Division (ENRD).
- **GoAd.** Helped organized and actively participated in the following:
    - Cebu Business Month in Cebu International Convention Center, Mandaue City (June 22-29).
    - Camotes Sea CRM Council partners forum in Marriott Hotel, Cebu City (June 29).
    - LMP Visayas Area Conference in Tagbilaran City (May 25-27).
    - Island-wide Climate Change Summit for Negros in Negros Convention Center (May 23).
    - VisMin Regional Sanitation Summit in Dumaguete City (April 2-3).
    - Earth Day People's Caravan of DENR in Bohol (April 6) with awarding of Individual Property Right (IPR) instruments to San Miguel tenure holders.
    - Environment month celebration by providing tarpaulins to PLGUs and DENR.
  - **GoAd.** Facilitated the conduct of training workshop by Asian Institute of Journalism to train and improve the LGUs, DENR and EcoGov staff on technical writing.
  - **UEM.** Conducted business planning orientation in Dumaguete City for the cities of Bayawan, Bais, Danao and Toledo and the municipality of Jagna as an approach to improve revenue generation and encourage reduction of cost.
  - **UEM.** Enhanced implementation of waste diversion actions of LGUs based on ISWM plans using social marketing and enforcement of plans of Metro Bohol LGUs. LGU focal persons completed their social marketing plans for LGU approval and implementation.
  - **UEM.** Continued the supervision of the local service providers for UEM, i.e., SEA Consultants for the Wastewater Management in Danao City, the Solid Waste Management Association of the Philippines (SWAPP) for ISWM plan development in San Francisco and the Cebu Uniting for Sustainable Water (CUSW) for social marketing in the host LGU Carmen for the north Metro Cebu cluster common waste disposal facility.
  - **CRM.** Conducted a series of roundtable discussions and action planning with individual LGUs (Carmen) as well as clusters of LGUs (Camotes Sea CRM Council, **Duero-Guindulman-Jagna** or DuGJan and **Bindoy-Ayungon-Tayasan-Manjuyod** or BATMan) to improve management of CRM zones and specifically marine sanctuaries. Mobilized Coastal Conservation and Education Foundation (CCEF) to do the same for Cebu Southwest cluster of LGUs and Siquijor Province. Mobilized Silliman University-Angelo King Center for Research and Environmental Management or SUAKCREM through Silliman University (SU) to start the process in Southern Negros from Dauin to Basay.
  - **CRM.** Conducted a partners forum for Camotes Sea CRM cluster in Marriott Hotel, Cebu which was part of the month-long celebration of the Cebu business month (Tourism Congress). The event was well attended by business and industry representatives who were

subjected to both technical, advocacy and cultural inputs mainly on why it is wise to invest in Camotes Sea.

- **FFM.** Worked with FFM sector in finalizing arrangements for release of IPR during launching activities in San Miguel during the DENR People's Caravan and in Bayawan City.
- **FFM.** Facilitated the grant negotiation and administration for forestry-programs of two people organizations, i.e., Danao-Atotes Matobato Multipurpose Cooperative (DAMMUCO) and Barangay Unity Key to Integrated Development Multipurpose Cooperative (BUKID MPC), both with improved management of bare forestlands through agroforestry in the key biodiversity areas of Banban watershed and Central Cebu Protected Landscape, respectively.
- **FFM.** After the DENR VII-facilitated annual performance review and assessment of FLUP implementation of 11 LGUs in the last Quarter, DENR 7 issued a special regional order for the creation of the FLUP/FFM Technical Assistance (TA) Teams in this Quarter as a delivery mechanism to support prioritized LGU programs and projects.

#### **Central Visayas Objectives for the Next Quarter**

- Develop and carry out a plan to assist LGUs improve and sustain their environmental governance index.
- Conduct organizational analysis of the present state of the provincial Environment and Natural Resources Office (ENROs) in Cebu and Negros Oriental such as that done in Bohol and use the findings and observations as basis for choices/options, decisions, actions and institutional strengthening and enhanced organization.

#### **South-Central Mindanao – Support for Implementing Sector Activities**

##### **Highlights**

- **UEM.** Coordinated, in close collaboration with the office of SP Chair on Environment, the First General Santos City Recyclable Waste Fair as part of the Earth Day celebrations. The fair, which was able to divert from the dumpsite more than P40,000 worth of recyclables in one day, was participated in by at least six junk shops from GenSan and two from Davao City. Aside from EcoGov and the office of SP Chair on Environment, the other convenors included the DENR, EMB, the Chamber of Commerce, the Philippine National Police, and media groups.
- **UEM.** Participated in the “Mid-year Evaluation and Planning Conference of South Cotabato Environmental Management Programs,” which was attended by several mayors, to advocate for continued LGU support and investment on UEM.
- **UEM.** Conducted IEC/Social Marketing (SM) workshop for Alabel. One major output of this workshop is a three-month social marketing plan, reflecting specific audience segments targetted with particular messages to convey per target audience and specific behaviors to change.
- **UEM.** Coordinated the launching of the Tacurong Sanitary Landfill, the first Category 2 SLF in Mindanao. The event was attended by USAID's Aurelia Micko and National Solid Waste Management Commission's (NSWMC) Atty. Zoilo Andin, Jr.

- **FFM.** Assisted the FFM sector in facilitating the forging of partnership between Kiamba LGU and Platinum Rubber Corporation for rubber-based farming system in Kiamba, Sarangani Province. This led to the signing of a MOA between Kiamba LGU, Sarangani Province, and Platinum Rubber Corporation.
- **FFM.** Assisted the Regional Public Affairs Office in coordinating the DENR 12's Regional Symposium on Mountain Ecosystems as part of the Environment Month celebration. This includes distribution of various IEC materials and an exhibit on various EcoGov-DENR initiatives.
- **CRM.** Assisted the sector in advocating for the passage of the Fisheries Code of Davao.
- **GoAd.** Assisted EcoGov Western Mindanao Office in conducting the Al-Khalifa workshop in Cagayan de Oro City, attended by representatives from the LGUs of Cotabato and Marawi, religious and academic groups as well as other foreign-funded projects (Act for Peace, Action Against Hunger). During this workshop an Al Khalifa core group was formed and a concrete plan on how to apply Al Khalifa principles in each group's activities was developed. Part of the plan was the drafting of an Executive Order (EO) to be signed by the Regional Governor of the ARMM exhorting relevant ARMM departments to mainstream Al Khalifa into their programs. A draft EO has been submitted to the office of the ARMM Governor for his review and approval.
- **GoAd.** Participated in the Duyog K'linaw, a tri-youth concert for peace and the environment. This is in partnership with the Kapayapaan Kapatid Council, a network of organizations and institutions in Region 12 working for peace, development and the environment. This concert aimed to generate awareness among the youth in the region about the direct link between environment and natural resources issues with the current peace and order problem in Mindanao, emphasizing that inequitable access to use of resources lead to conflict. During the concert, student leaders informed other youth in attendance on what they can do to help foster peace and environmental protection.
- **GoAd.** Submitted six bullet stories; released stories and captioned photos to local media, of which 21 stories and one captioned photo were published.

**South-Central Mindanao Objectives for the Next Quarter**

- Provide TA in the implementation of the Alabel Septage Treatment Facilities (STF) social marketing plan.
- Develop materials to promote use of Alabel's STF.
- Revisit, revise and enhance the communication plan of General Santos by incorporating social marketing approach into their communication program to promote ISWM.
- Help coordinate the next General Santos Recyclable Waste Fair.
- Assist EMB-12 in developing the Regional Ecology Center.
- Coordinate the forging of partnership between the DA and the DENR in turning bare forestlands into productive lands.
- Assist the DENR Provincial Environment and Natural Resources Office (PENRO) of Sarangani in launching the Hunger Mitigation fund for Community-Based Forest Management (CBFM) POs.

- Follow-up MOA between Ateneo de Manila University School of Government, EcoGov 2, and the provinces of South Cotabato and Sarangani regarding the MPM program.
- Conduct Governance Index feedbacking.

### Western Mindanao – Support for Implementing Sector Activities

#### Highlights

- **FFM.** Assisted Zamboanga del Sur in establishing the Provincial FFM TA team which has continued to spearhead the efforts in watershed co-management for the three municipalities under the Salug Valley Development Council, and the Municipality of Lakewood.
- **FFM.** EcoGov started its assistance to the Municipality of Tukuran, Zamboanga del Sur on FLUP. The FFM training will ultimately link up the uplands with the ongoing coastal management program of the LGU under the “Ridge-to-Reef” or R2R concept. For this, Tukuran LGU has allocated the amount of seven hundred thousand pesos (P700,000.00) as its municipal budget for forestry concerns.
- **FFM.** The team conducted a series of trainings with the provincial government of Lanao del Sur, as a continuing implementation of the MOA among Lanao del Sur PLGU, ARMM-DENR and EcoGov. The Provincial FLUP team has identified the Municipality of Bubung as its pilot watershed co-management area, and agreed to integrate cultural elements in its plan. The FFM team hopes to implement a “Ridge-to-Lake” or R2L initiative that can rationalize the watershed co-management efforts with the Lake Lanao concerns of the Maranaos. Bubung Municipality has one of the larger forest covers in Lanao del Sur.
- **UEM.** Under the guidance of EcoGov team, the provincial government of Zamboanga del Sur continued to assist the three LGUs of Zamboanga del Sur namely Dumalinao, Guipos and Labangan. EcoGov continues to mentor the provincial government of Zamboanga Sibugay in UEM in three LGUs, namely Imelda, Siay and Tungawan as the preferred pilot municipalities. Some technical working groups (TWGs) of these municipalities have already visited learning sites in Mindanao, for continuing education on solid waste management.
- **FFM and UEM.** The team continued to work with the respective TWGs of Lanao del Sur province and Marawi City in developing and initially implementing actions for the effective management of the Lake Lanao watershed and SWM, respectively. Both teams have participated in cross-visits to learning sites in Central and Southern Mindanao. The cross-visits were meant to familiarize the TWGs with different LGUs’ experiences in FFM and UEM, and to help them identify starting points in their respective sectors. The Provincial FFM team has proven to be strongly motivated to develop a three-sector provincial environment plan, which led to a request from the Provincial Governor for TA in CRM for the province’s four coastal municipalities along Illana Bay: Picong, Malabang, Kapatagan and Balabagan.
- **CRM.** Assisted the provincial government of Zamboanga del Sur and its partners host the first provincial summit on CRM, to highlight the gains of IBRA9 CRM activities and accomplishments. The summit brought before the rest of the municipal LGUs, the success of the IBRA9 CRM focused activities and LGU clusters, and the possibilities of a province-wide CRM program. It is expected that DENR 9 through its Coastal and Marine Management Division (CMMD), will provide the added assistance and support to the interested LGUs such

as Margos sa Tubig, and V.Sagun. U.S. Ambassador Kristie Kenney was guest of honor of the summit, which was also attended by the representative of DENR Secretary Jose Atienza.

- **GoAd.** In Zamboanga del Sur, EcoGov assisted the newly-created Provincial Environment Management Office (PEMO) in planning and preparing the April 30, 2008 First Provincial CRM Summit. The activities introduced the PEMO to the program's intricacies and helped the provincial body and the TWG consolidate environment programs in the province. A Provincial Environment Management Officer, who will continue to work on the refinement of the PEMO structure and functions, was also designated and appointed
- **GoAd.** In Zamboanga Sibugay, the team continued to assist the province in revisiting its Provincial Environment Code, in consultation with various agencies and law enforcement units in the province. It is interesting to note that the provincial code has been mothballed for several years due to the lack of budget for consultation and public hearings. The provincial team is headed by the Provincial Environment Steering Committee (PESC) Secretariat which expects to wind up its sector meetings in July or early August before presenting the code for public hearing and Sangguniang action.
- **GoAd.** An EcoGov grant to the Mindanao State University (MSU) for repair of the Al Da'wah mosque's ablution facilities, with additional construction of women's ablution area, has started in June. This move has reinforced the still-to-be-formalized EcoGov-MSU partnership on Al-Khalifa-based ENR advocacy and development of IEC materials, training, extension, and joint technical assistance support for LGUs in Lanao del Sur. MSU has formed an MSU core team of college deans and professors to study and fine-tune how the Al-Khalifa ENR principles can be integrated in its system-wide curriculum and community outreach programs. The identified lead institution for the task is King Faizal Center for Islamic and Arabic Studies (KFIAAS), which began to develop a curriculum framework for the integration of the Al-Khalifa ENR principles. The identified activities under the KFIAAS plan include the training and seminars of ARMM religious leaders or ulama, and the endorsement of the Ulama Council of the Philippines on the use of the sourcebook. The center expects to help distribute copies of the sourcebook before the start of Ramadhan (September 2008 in the Gregorian calendar), to enable mosques in the ARMM and Muslim-dominated communities to use Al-Khalifa as lecture reference during the period.
- **GoAd.** The project continued to promote the use of and support for the Al Khalifa sourcebook as a major reference in developing IEC materials, designing programs, advocacy materials, and resolving ENR-based conflicts. The UN-ACT for Peace Program ARMM office has taken a keen interest in using the sourcebook as its reference material for peace modules, and shall be developing environmental governance with Islamic perspective as a strong component in conflict resolution. A training workshop is expected to be held in Cotabato City in July for this purpose, with EcoGov providing inputs. Several LGUs such as Pagadian City, Dinas, Dimataling, Labangan, in Zamboanga del Sur, Marawi City, and Isabela City refer to the Al Khalifa source book in their ENR-related programs and development of IEC and advocacy materials. Dinas municipality has organized its Al-Khalifa Task Force for its five coastal barangays, to influence the Muslim residents in the municipality of the ethical and moral aspects of environmental management. In its second community meeting, the Dinas LGU introduced Al-Khalifa ENR messages to the municipality's inter-religious group, as part of its continuing advocacy in community participation in environmental management.

- **GoAd.** The project continued to support Zamboanga City NGOs in their ENR and peace advocacies. EcoGov presented environmental management concepts before a youth audience in a summer camp organized by Peace Advocates of Zamboanga (PAZ) in May. A second summer camp that focused on the role of the youth in peace and development was dubbed “Muslim Youth in Solidarity, Finding Peace in Nature and Environment”. Eighty youth representatives from the Western Mindanao area, and the island provinces of ARMM attended the three-day activities.
- **CRM.** EcoGov, DENR, and the provinces of Zamboanga del Sur and Zamboanga Sibugay through their respective Provincial Planning and Development Offices (PPDOs), have identified project targets for the option years’ work-plan during their consultation meeting in Pagadian City in June, which included a two-province cluster for effective eco-system approach, linking the Illana Bay projects with CRM initiatives in Dumanquillas, Maligay and Sibugay Bays. The move supports the promotion of State of the Coasts reporting and determination of common investment opportunities in the coastal areas of the two provinces.
- **CRM.** The EcoGov team continues to liaise with the province of Tawi-Tawi, ARMM, on its request for technical assistance in the co-management of its 13,000 hectares mangroves, and the enhancement of its Tawi-Tawi Environment Management Office (TEMO). The province requested EcoGov to provide ENR advice so that there will be coherence in their coastal and fisheries programs, and address the need to conserve the largest mangrove area in the country.

#### **Western Mindanao Objectives for the Next Quarter**

- Hire media and IEC specialists to develop materials for target audiences in Western Mindanao and ARMM island provinces for a more coordinated effort to disseminate and advocate environmental governance.
- Work with the KFCIAAS and the MSU System in developing and implementing advocacy plans and strategies for the involvement of the larger audience in the ARMM and in Muslim dominated areas in other regions. LGUs such as the Islamic City of Marawi and the City of Cotabato will be enjoined to test and pilot these plans with the cities’ religious teachers and madaris.
- Work with the CRM sector in revitalizing its programs in Zamboanga Sibugay and help prepare for the improvement of GSA index of poor performing LGUs in the province.
- Continue the prioritization of the development, testing, and dissemination of Al-Khalifa-based IEC, advocacy, and training materials for the use of LGUs, academic institutions, NGOs, and donor-funded projects in Muslim Mindanao, and complete the printing of the corrected final copy of the sourcebook, preparatory for its distribution to partners and stakeholders before the start of Ramadhan in September.
- Undertake steps leading to the fulfillment of the request for technical assistance in CRM for the four LGUs in Lanao del Sur, namely: Picong, Malabang, Kapatagan, and Balabagan, and continue to coordinate and plan with the provincial government of Tawi-Tawi in scaling up FFM co-management in mangroves in the island municipalities. During the last quarter, it is also expected that a draft of a memorandum of agreement by Tawi-Tawi PLGU, ARMM-

DENR and EcoGov could already be started, preparatory for final discussion, signing and implementation at the start of Year 5.

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

- Scaling approach with provincial governments and regional DENR offices has only been partially responding to the increasing number of requests from LGUs outside the EcoGov regions for technical assistance and training in FFM, UEM, and CRM. This is especially true in Southern and Central Mindanao and Northern Luzon. In order for the team not to spread its efforts too thin, we are asking the LGUs to participate in planned and ongoing training and coaching in EcoGov regions. There is also the need to train more DENR field staff to competently respond to requests from LGUs.
- A rising concern is the mixed signals the LGUs are receiving from DENR regarding coastal resources management in areas which are either listed as initial protected areas such as Camotes Sea or those covered with declarations such as Tanon Strait and Apo Island. Within DENR 7, their own position needs to be clarified about management and supervision. LGU–DENR relations in these areas likewise need to be harmonized especially as several LGUs concerned have moved into setting up schemes for payment of environmental services and other fees which do not jibe with the Integrated Protected Areas Fund (IPAF). Current experience on the IPAF for mature MPAs show serious gaps in intent and ability to provide funds that can be plowed back into the conservation, rehabilitation and protection of these fragile ecosystems. The Integrated Coastal Resources Management Program (ICRMP) promises to be the venue to resolve these issues.
- The continued perception that sanitary landfills (SLFs) are dumpsites create resistance to possible host sites in any area, whether LGU-specific or cluster identified areas. Central Visayas has several ongoing developments and the various experiences in handling these will need to be compiled, analyzed and shared with the objective of arriving at options in marketing the SLF, processes involved and minimum systems that need to be addressed to have a successful site. The initial site in South Cotabato was also not well received by the host community. This led to the added efforts of DENR and the province to identify and assess other potential sites for the cluster landfill.
- The Project relies heavily on the provincial LGUs and DENR-EMB to sustain, replicate and scale up EcoGov processes, systems and standards. Hence, the need for organizational development to ensure increased capacities of these government service providers in the medium and long-term. The framework for the organizational development will allow assistance to be focused on critical buttons within the environment of these institutions that will trigger commitment and investments.
- The low governance rating of some LGUs in sectors without EcoGov technical assistance has pulled down their overall GSA index. These LGUs will need orientation and advise on how they can apply the principles of environmental governance in their other ENR sectors that are not directly getting help from the project. The project will revise its orientation materials to emphasize the ridge-to-reef framework, integrated ENR approach, and interconnectedness and interdependence of the different sectors within an LGU.
- Scaling up with provincial governments has depended on the leadership of the chief executives. Thus, this set-up has caused project prioritization problems. Where mining has

become a “lucrative futures market” for LGUs, this too has contravened the priorities in environmental management efforts. Many LGUs have yet to see and understand the importance of their ENR sector in sustaining their socioeconomic development.

- In response to all these, our proposed resolution includes a clear advocacy message about the effects on the environment of unmanaged and unregulated mining activities, and also how this aspect of resource use can be planned to be complementary to the environment programs in CRM, FFM and even UEM. There has to be a clear message on the importance of protected and managed eco-systems, which can be brought to the attention of other stakeholders other than the Local Chief Executives (LCEs). Top priority targets are provincial and local executives, chiefs of offices, NGOs, academe and civil society. In the grassroots, advocacies with the youth and women sectors can be started, using IEC materials that are not only culture sensitive, but also other-sector focused. Continuing with trainings in law enforcement in forestry and CRM for partner LGUs is seen as a good measure of capacitating stakeholders. The DENR can play a good role in this advocacy, as its personnel in the region are already exposed to the EcoGov environmental projects, in all sectors. We envision the participation of the religious sector, from the Muslim and Christian sides, to emphasize the ethical and moral dimensions of the environment program, as can be gleaned from the enthusiasm in the acceptance of the Al Khalifa sourcebook.

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

- Finalize 91 LGU individual GSA reports and use these as basis in determining strategies on how to help the LGUs maintain, improve, or diversify their practice of sound environmental governance.
- Prepare SOWs, advertise, and recruit a GoAd Sector Leader, social marketing specialist, and graphics designers to support the increasing responsibility of the sector over the next 3.5 years.
- Prepare pilot media campaign on sound environmental governance in selected regions and for selected target audiences at the national level.
- Coordinate, monitor and assist each sector as they draft, finalize, and test their prioritized knowledge products.
- Draft and review the FGD and Social Marketing Guides for the UEM sector. This will be based on ongoing and completed works in Central Visayas, Southern and Central Mindanao, and Western Mindanao.
- Prioritize the development, testing, and dissemination of Al-Khalifa-based IEC, advocacy, and training materials for the use of LGUs, academic institutions, NGOs, and donor-funded projects in Muslim Mindanao.
- Produce and finalize arrangements for the video production episodes on EcoGov best practices for airing in NBN Channel 4.
- Work with each sector in finalizing arrangements for regional and thematic workshops on key ENR topics—FLUP, CRM zoning, PES, business planning.

*e. Status toward Achieving Sustainability of Efforts*

- The approach of the GoAd team is built around sustainability. The team works through LGUs, the DENR, provincial governments, the Leagues, and theme networks to institutionalize EcoGov sector approaches. There is no defined point where we can say that “sustainability has been achieved.” However, an indicator of success will be when these agencies start promulgating EcoGov interventions to LGUs that are not EcoGov partners. The GoAd team will continue on this path as it collaborates with the Leagues and key provincial governments.
- We are building the capacity of our partners and documenting best practices to make available for future efforts. We are also integrating our activities under the common “branding” framework of USAID, to ensure that EcoGov’s message is consistent with the larger development goals of the Agency.

**2.2. Improved Forest Management**

*a. Expected Outputs for the Period*

The Expected outputs in this sector for Quarter 15 were as follows:

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

| <i>Expected Outputs</i>   | <i>Status</i>  |
|---|--|
| <ul style="list-style-type: none"> <li>• In all regions, assist targeted tenure holders to meet performance indicators (management plans, IPR, budgets and functional organization) for improved forests and FFM. Target tenure holders are: Bugkalot CADT, Mount Apo Natural Park, two co-management agreements in Sarangani, and co-management agreements in Central Visayas and Zamboanga City.</li> </ul> | <ul style="list-style-type: none"> <li>• Ongoing in all regions. In terms of bare forestlands development, 14,514 hectares were placed under productive development in Northern Luzon, Central Visayas and Southern and Central Mindanao.</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Facilitate signing of Enterprise Development MOA in Kiamba focusing on rubber-based farming system.</li> </ul>   | <ul style="list-style-type: none"> <li>• The MOA between DENR, the municipal LGU of Kiamba and Platinum Rubber Development Corp. was signed for the development of rubber-based farms. Platinum committed to provide quality planting materials, one technician and to buy the rubber latex of the farmers.</li> </ul> |
| <ul style="list-style-type: none"> <li>• Facilitate submission of Co-Management plans of Brgy Carmen and Brgys. Eden-Tagurano in Davao City to SP for adoption.</li> </ul>  | <ul style="list-style-type: none"> <li>• The Resource Management Plan (RMP) of the Co-Managed Areas in Barangays Carmen, Eden and Tagurano, Davao City is undergoing separate reviews by the DENR and the City ENRO.</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Workshop on Situational Analysis, Strategy Formulation and drafting of the Bugkalot Ancestral Domain Sustainable Development and Protection Plan (ADSDPP).</li> </ul>  | <ul style="list-style-type: none"> <li>• The draft ADSDPP of the Bugkalot CADC or Certificate of Ancestral Domain Claim in Nueva Vizcaya was completed. Field validation and review by the Bugkalot tribal leaders is on-going.</li> </ul>   |
| <ul style="list-style-type: none"> <li>• FLUP Orientation for the 3rd Batch of Upscaling Municipalities in Nueva Vizcaya</li> </ul>   | <ul style="list-style-type: none"> <li>• Completed</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Follow-up activities with the PLGU of Quirino in translating the forestry master plan into a provincial master plan.</li> </ul>  | <ul style="list-style-type: none"> <li>• Data collection and mapping have been completed. The technical working group (TWG) is now validating the maps.</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Follow up implementation activities to demonstrate the ridge-to-reef natural resources management (NRM)</li> </ul>   | <ul style="list-style-type: none"> <li>• Orientation on the ridge-to-reef framework was conducted among TWG members of Aurora. The TWG is currently</li> </ul>   |

| <i>Expected Outputs</i>  | <i>Status</i>  |
|--|--|
| planning in Aurora   | collecting data and preparing the thematic maps needed in formulating the plan.  |
| <ul style="list-style-type: none"> <li>Initiate setting up PO enterprises in Quirino and Sarangani.</li> </ul>   | <ul style="list-style-type: none"> <li>A Marketing Specialist was engaged in June 2008 and has been working with Kadikitan Association for Community Development (KAFCD) in establishing market tie up for rattan products.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Initiate setting up LGU guarantee fund in Bayawan, Negros Oriental</li> </ul>   | <ul style="list-style-type: none"> <li>A Finance Specialist was engaged to assist Bayawan City in setting up its forestry guarantee fund. Initial meetings with Land Bank indicated that the latter is willing to be the conduit of funds for the LGU.</li> </ul>  |
| <ul style="list-style-type: none"> <li>Facilitate preparation of integrated resource management plan for co-management areas in Glan and Maasim, Sarangani.</li> </ul>   | <ul style="list-style-type: none"> <li>Initial draft of the Integrated Resources Management Plan (IRMP) for Glan co-management site was completed. In Maasim the TWG is still collecting data and preparing thematic maps needed for the IRMP. The protocols for the operation of the Steering Committee in both LGUs were discussed with the TWG.</li> </ul>          |
| <ul style="list-style-type: none"> <li>Draft/produce FFM manuals and knowledge products.</li> </ul>  | <ul style="list-style-type: none"> <li>Drafting of the manuals is on-going. The FFM team and selected DENR regional focal persons reviewed the different FLUP Modules and agreed on the content and processes for FLUP formulation.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Conduct an initial training for DENR and LGU staff to develop M&amp;E systems for FLUP implementation.</li> </ul>   | <ul style="list-style-type: none"> <li>Re-scheduled to next quarter. M&amp;E Manual is still under preparation.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Continue assisting target LGUs in completing their FLUPs.</li> </ul>  | <ul style="list-style-type: none"> <li>The FLUP of Sen. Ninoy Aquino was legitimized by the SB while the Municipal Development Council (MDC) of Bagumbayan has endorsed its FLUP to the SB. Other target LGUs are in various stages of FLUP formulation.</li> </ul>  |
| <ul style="list-style-type: none"> <li>Facilitate signing of the PES – MOA in Cotabato City and Bayombong</li> </ul>   | <ul style="list-style-type: none"> <li>The PES MOA for Dimapatoy watershed has been signed. Action planning for implementing the MOA was likewise completed. For Barobbob Watershed, the Sangguniang Panlalawigan has authorized the Governor to sign the PES-MOA. Formal signing of the MOA is being scheduled with the Governor and the Municipal Mayors.</li> </ul> |
| <ul style="list-style-type: none"> <li>Facilitate initial agreement on the Mt. Apo Protected Area Zoning and Management Plan.</li> </ul>   | <ul style="list-style-type: none"> <li>Updating of the management plan of Mt. Apo Natural Park (MANP) is on-going. Ground validation of the proposed protected area management zones was undertaken and consultations with the CADT holders are in progress. ISFI was engaged to assist in updating the MANP plan.</li> </ul>  |
| <ul style="list-style-type: none"> <li>Facilitate exposure trip for members of the provincial TWG of Lanao del Sur, and facilitate negotiations/ discussions between the provincial government and the municipal LGUs on FLUP formulation for Lake Lanao.</li> </ul> | <ul style="list-style-type: none"> <li>Exposure trip of members of the provincial TWG in Wao and Maasim was completed. Orientation on FLUP for the municipal TWG of Bubong, Lanao del Sur was also undertaken</li> </ul>   |
| <ul style="list-style-type: none"> <li>Initiate study on the contribution of forest management to GDP of LGUs.</li> </ul>  | <ul style="list-style-type: none"> <li>The resource economist has developed the framework for estimating contribution of forest management to GDP of LGUs. The draft framework was reviewed with REECS and revised accordingly.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Continue facilitating the formulation of the Environment Code of Sarangani.</li> </ul>  | <ul style="list-style-type: none"> <li>Data collection and mapping by the provincial TWG was completed. Initial analysis of these information using the ridge-to-reef framework was also conducted.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Hold FFM sector quarterly meeting to assess performance and discuss strategies to achieve Year 4 target.</li> </ul>   | <ul style="list-style-type: none"> <li>Completed</li> </ul>  |

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

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

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

- Ongoing assistance to tenure holders for them to meet key performance indicators for improved natural forest management and bare forestlands development. Activities were focused on having approved resource management plans for the Bugkalot CADT and the co-management areas of Glan and Maasim, crafting IPR policies, ensuring implementation budgets and functional organizations. For this quarter, 14,514 hectares of bare forestlands in Quirino, Bayawan City and in Kiamba, Sarangani were under productive development improving further the ability of FFM sites in terms of carbon sequestration.
- Continued to implement various mechanisms to sustain financing of FLUP implementation. Signing of the MOA for implementation of a system for PES in Barobbob watershed in Nueva Vizcaya and in Dimapatoy watershed in Shariff Kabunsuan was facilitated. The PES-MOA for Dimapatoy watershed was finally signed by the local chief executives of Datu Odin Sinsuat and Upi, Shariff Kabunsuan and Cotabato City as well as the Chairman of the Board of the Cotabato water district. Action planning for the PES study was likewise undertaken in Cotabato City. For Barobbob watershed, the SP of Nueva Vizcaya has issued the authority to the Governor to sign the draft PES-MOA. The provincial ENRO is now making arrangements for the formal signing of the MOA by the LCEs of the province of Nueva Vizcaya, and the municipalities of Solano and Bayombong.
- Piloting of public-private partnership in FFM in Kiamba and Maasim. Kiamba has signed a MOA with Platinum Rubber Development Corp. and the DENR for the development of rubber-based farms by IPR holders while Maasim has signed a memorandum of understanding with CLONAL Holdings Corporation for the development of a 5,000-ha carbon sink.
- In Central Visayas, the team is assisting Talibon and San Miguel of Bohol province in setting up a co-management special account where all collections, budget allocations and donations for the co-management sites will be credited. Bayawan City is also being assisted in establishing its FFM guarantee fund with the engagement of the Finance Specialist.
- Continued assistance to the province of Sarangani in drafting the Provincial Environment Code. Members of the working group have completed the thematic maps and collected data needed in drafting the code. They were guided in analyzing these data and maps following the ridge-to-reef framework.
- Continued assistance in piloting the ridge-to-reef planning in Baler Aurora and in Davao City. The TWG of Baler was oriented on the ridge-to-reef framework and its members are now collecting data and preparing maps needed in formulating the plan. The formulation of the Quirino provincial forestry master plan following the ridge-to-reef framework is also in progress.

- Reviewed the FLUP technical manual together with some DENR Regional forestry officials. The TA team and the DENR regional focal persons arrived at a consensus on the technical processes of forest land use planning and the outline of the users and facilitators manual.
- Scaling up of FLUP formulation is in progress in different EcoGov regions. Regional and provincial FFM TA team composed of DENR and provincial LGU staff were organized in Northern Luzon, Central Visayas, Southern and Central Mindanao and in Western Mindanao. These teams are assisting TWGs of upscaling municipalities in formulating their FLUPs.
- Facilitated the participation of selected LGU and DENR officials in the Asia Pacific Forestry Conference and study tour in Vietnam. Eight LGUs and three DENR officials participated in the activity. Through the conference and visits to working models, participants gained insights on how the forestry sector can effectively contribute to global climate change, biodiversity, and payment for environmental services and the current forestry situation in the Asia Pacific region. The presentations and discussions that followed confirmed the value of what the LGUs are now doing in EcoGov. The participation of the LGUs in the conference provided them the opportunity to display in a photo exhibit how each planned and implemented their approved forest land use plans to improve forests and forest lands management.

#### **FFM Accomplishments – Northern Luzon**

- After collection, preparation and consolidation of all needed socio-economic data and maps, a situational analysis and strategy formulation workshop was conducted for the Bugkalot leaders of Dupax del Sur and Alfonso Castaneda. A four-day writeshop to draft their ADSDPP was also undertaken participated in by members of the TWG composed of IP leaders, LGU staff, and DENR and National Commission for Indigenous Peoples (NCIP) staff.
- Continued to assist the PLGU of Quirino in preparing its forestry master plan. An analysis framework for the preparation of the Master Plan was presented by the FFM Team to members of the TWG composed of DENR, LGU, CFFQI and other sectors. The framework represents the landscape/watershed approach to ENRM management which provides consideration on the interconnectedness of the upland and the lowland ecosystems. The framework was used as basis in identifying the data required to formulate the master plan. Data gathering is ongoing, some of which have already been consolidated. Thematic map preparation is almost complete with a round of validation to be undertaken. These data will be used as input in the situational analysis to be done shortly.
- Data inventory and collation for the piloting of ridge-to-reef planning in Baler, Aurora, has been undertaken based on a framework. Data gaps for Baler ridge-to-reef pilot testing were identified and were assigned to members of the TWG to collect.
- Through the facilitation of the FFM TA team, the Sangguniang Panlalawigan of Nueva Vizcaya has authorized the Governor to sign the PES-MOA for the Barobbob watershed. Formal signing of the MOA is being arranged with the Governor and the Municipal Mayors of Solano and Bayombong, Nueva Vizcaya.
- Scaling up of FLUP formulation in Aurora, Cagayan, and Pantabangan is on-going. The FLUP MOA was signed for the LGU of Pantabangan. The signatories are the DENR

Regional Executive Director (RED), the EcoGov, the LGU with the head of the National Power Corporation (NPC) as witness. Pantabangan committed an amount of P700,000 to shoulder the cost of FLUP preparation. Orientation workshops were held with the concerned provinces and municipal LGUs as part of the scaling up process and strategy.

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

- Continued to recognize individual property rights of actual claimants within their co-management sites. IPR policy was drafted in Toledo City and submitted to the steering committee for review while Dalaguete is finalizing its claims map and registry and sub-allocation map preparatory to IPR issuance. Alcoy has also enacted its IPR ordinance recognizing individual property rights within the 1,769 hectares co-management area covering six barangays. Barangay Forest Management teams (BFMT) were likewise organized in preparation for the preparatory activities leading to the issuance of IPR. Meanwhile, Bayawan City and San Miguel, Bohol have signed IPR agreements with farmer claimants in their co-management areas. As a result 13,900 hectares of bare forestlands were placed under productive development in Bayawan City.
- As an offshoot of the annual joint DENR-LGU FLUP implementation assessment conducted in Dumaguete City, and as part of its plan for scaling up FLUP formulation, DENR Region 7 created the FLUP Technical Assistance teams for the Regional Office and the provinces of Cebu, Bohol, Siquijor and Negros Oriental through a Regional Special Order. The team is currently providing technical assistance in the on-going FLUP preparation of LGU Oslob, Cebu.
- Setting up of co-management special accounts was initiated in Talibon and San Miguel Bohol. The first draft of the co-management fund guidelines were reviewed by the LGU finance committee (municipal treasurer, accountant, budget officer and MPDC), SB Chair on Environment, Appropriations, Project Management Unit (PMU), DENR representatives and Barangay Captains of covered barangays of the co-management sites. This draft guideline was submitted for comments and review by the Commission on Audit provincial office in Bohol.
- A Finance Specialist was engaged to assist Bayawan City in setting up its forestry guarantee fund. Initial meetings with Land Bank indicated that the latter is willing to be the conduit of funds for the LGU.
- The FLUP TWG of Sibulan, Negros Oriental has drafted the Municipal FLUP. The team has validated the draft FLUP and is in the process of preparing for its eventual legitimization and approval.
- Provided assistance to the Negros Oriental Advisory Group on Climate Change and the Office of the Governor in organizing the Negros Island Wide Summit on Climate Change. As a result of the summit a number of LGUs from Negros Occidental have expressed interest in formulating their FLUPs.

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

- Continued to assist DENR and the LGUs in improving management of the MANP and the co-management areas of Davao City, Maasim and Glan, Sarangani.
- Engaged ISFI to assist in updating the MANP management plan. Its protected area management specialist is conducting consultations with DENR, LGUs, NGOs and the CADT holders to update the proposed management zones and harmonize them with the ADSDPP zones. Ground validation of the proposed management zones was likewise conducted.
- The RMP of the co-managed areas in Barangays Carmen, Eden and Tagurano, Davao City is undergoing separate reviews by the DENR and the city government after which the comments will be integrated and then submitted to the City Planning and Development Office (CPDO) and DENR for approval. An initial amount of Php4 million was set aside by the city government to implement the activities stated in the RMP.
- Continued assistance in the formulation of the IRMP for the co-management sites of Glan and Maasim in Sarangani Province. Initial drafts for these co-managed areas have been completed and are in various stages of refinement and validation.
- Public-private partnership for PO enterprises in Kiamba and Maasim is progressing well. Platinum Rubber Development Inc. has signed an enterprise MOA with the municipal LGU of Kiamba, and the DENR whereby the former will provide quality planting materials of rubber, technician and training and buy the rubber latex of CBFM farmers at prevailing market prices. The LGU committed to develop farm to market roads and technical assistance to the farmers. On the other hand, a memorandum of understanding was signed between Maasim LGU and CLONAL Holdings Corporation for the development of carbon sink in the municipality.
- Ongoing activities for the completion of FLUPs in several LGUs in ARMM and Sultan Kudarat are on-going. The FLUP of Sen. Ninoy Aquino was finally legitimized by the SB while in Bagumbayan the MDC has adopted the draft FLUP. Sen. Ninoy Aquino has also created its Municipal Environment and Natural Resources Office (MENRO) to implement the FLUP. Meanwhile, the other target LGUs in ARMM and Region 12 are in various stages of data collection, mapping, situational analysis and drafting of their respective FLUPs.
- EcoGov assisted the TWG in completing the thematic maps and collection of data needed to produce the Environment Code of Sarangani. The team helped in analyzing the maps and other information.
- After a series of meetings in Cotabato City to review the draft, the PES MOA for Dimapatoy watershed was finally signed by the Cotabato Water District and the three LGUs covered by the watershed (i.e., Upi, Datu Odin Sinsuat and Cotabato City). The TWG has also prepared its action plan for implementing the MOA and is now collecting data and maps needed for the PES study.
- The TA team in the region continued to advocate for provincial support to CBFM POs in Sarangani. As a result, the province created its enterprise development support team to assist Community-Based Forest Management Agreement (CBFMA) holders in developing bare forestlands. The province also supported PO training focused on financial and cash flow

management, providing linkages with resource institutions and preparation of project proposals. Seedlings of rubber and coffee are being produced by the provincial ENRO for distribution to CBFM farmers.

- Forest protection and law enforcement training for concerned barangays and CBFMA holders in Kiamba, Sarangani Province was undertaken in Kiamba, Sarangani. The training was financed by the MENRO/MPDC Office of Kiamba with DENR-PENRO and CENRO providing technical assistance/resource persons.

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

- The provincial TWG of Lanao Sur visited Wao and Maasim to see for themselves the benefits of having a FLUP jointly implemented with the DENR. The head of the provincial TWG also visited co-management areas in Quezon, Nueva Vizcaya and in Bayawan City, Negros Oriental to observe how these LGUs are implementing their legitimized and DENR approved FLUPs. FFM orientation was also completed for the pilot MLGU in Bubong, Lanao del Sur.
- The draft FLUP of Tungawan is being finalized by TOUCH Foundation before it is presented to the MDC and the SB. The FLUPs of Naga and R.T. Lim in Zamboanga Sibugay have also been drafted by their respective TWG.
- As agreed during the last quarter's meeting in Lamitan, Basilan and Isabela City follow up meetings were conducted with the ENR council and the TWGs of these LGUs to thresh out concrete actions for continuing FFM assistance in these areas. However, the unstable peace and order situation in these areas has prevented the TA team in providing technical assistance to these LGUs.
- Scaling up of FLUP formulation is in progress in Zamboanga del Sur. The provincial FFM TA team is providing guidance to the MTWGs of Mahayag, Sominot, Dumingag and Lakewood in the formulation of their FLUPs. The training on FLUP Module 1 was conducted for the Municipal TWGs (MTWGs) and the Provincial FFM TA Team. Data gathering and mapping are in progress.
- Regional FFM TA team was also organized by the DENR. This team was oriented on forest and forestlands management and has conducted module 1 training for the TWG of Tukuran.

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

- Requests for FLUP training and assistance from various LGUs continue to increase. Given this growing demand among LGUs, there is a need to enhance the capability of DENR and provincial LGUs in FLUP formulation and implementation. A trainers' training on FLUP is necessary so that DENR and the provincial LGUs can appropriately respond to the LGUs' requests.
- Efforts in the MANP have been hampered by the competing interest of various stakeholders (LGU, NCIP, DENR, CADT holders, NGOs). This has delayed the process of updating the management plan. More consultations with stakeholders will be necessary to be able to generate consensus on the updated MANP plan.

- Most LGUs could not fully implement their FLUP because of inadequate funds. Many LGUs cannot also support simultaneous implementation of ENR initiatives. Although many continue to allocate funds for FFM, they could not fully support the amount required in the FLUP. The challenge is to broaden the sources of funds for FFM through payment for environmental services, co-investments, co-financing and encouraging private investments.
- The unstable peace and order problem in Basilan continues to constrain FFM implementation in the province. Forest protection and enforcement measures could not be implemented by the LGU for security reasons.

*d. Objectives for the Next Quarter*

- In all regions, assist targeted tenure holders to meet performance indicators (management plans, IPR, budgets and functional organization) for improved forests and forestlands management (CADTs, co-management agreements, protected areas, watersheds, and CBFMAs). Target tenure holders are: Bugkalot Certificate of Ancestral Domain Title (CADT), MANP, co-management agreements in Glan and Maasim, Sarangani, and co-management agreements in Central Visayas and Zamboanga City.
- Facilitate the signing of the carbon sink MOA between Maasim LGU and CLONAL Holdings Corporation.
- Facilitate the completion, submission, and adoption of the co-management plans of Brgy. Carmen and Brgys. Eden-Tagurano by the SP of Davao City.
- Facilitate the approval of the Bugkalot ADSDPP in Nueva Vizcaya.
- Follow-up activities with the PLGU of Quirino in translating the forestry master plan into a provincial master plan.
- Follow up implementation activities to demonstrate the ridge-to-reef NRM planning in Aurora and Davao city.
- Facilitate the signing of ordinance setting up co-management special account in Talibon and San Miguel, Bohol.
- Follow up activities establishing FFM guarantee fund in Bayawan, Negros Oriental.
- Facilitate approval of integrated resource management plan for co-management areas in Glan and Maasim, Sarangani.
- Conduct FLUP situational analysis for Bansalan and Sta. Cruz, Davao del Sur.
- Draft/produce the FLUP manual.
- Conduct an initial training for DENR and LGU staff to develop M&E systems for FLUP implementation.

- Continue assisting target LGUs (Tungawan, Zamboanga Sibugay; Kasibu, and Sta. Fe, Nueva Vizcaya; and Malapatan, Sarangani) in legitimizing their FLUPs.
- Start implementation of PES – MOA in Cotabato City and facilitate signing of PES-MOA for Barobob watershed in Bayombong.
- Facilitate initial agreement on the Mt. Apo Protected Area Zoning and Management Plan.
- Continue study on the contribution of forest management to GDP of LGUs.
- Continue facilitating the formulation of the Environment Code of Sarangani.
- Hold FFM sector quarterly meeting to assess performance and discuss strategies to achieve Year 4 target.

*e. Status toward Achieving Sustainability of Efforts*

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

### 2.3. Improved Coastal Resources Management

*a. Expected Outputs for the Quarter*

Expected outputs in this sector for Quarter No. 15 were as follows:

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

| <b>Expected Output/Activity</b>  | <b>Status/Remarks*</b>   |
|--|--|
| <ul style="list-style-type: none"> <li>• Assist in the legitimization of proposed MPAs and adoption of management plans in Negros Oriental, Illana Bay, Zamboanga del Sur and Davao Gulf together with initial implementation such as site development.</li> </ul>   | <ul style="list-style-type: none"> <li>• On-going</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Continue capacity-building through participatory biophysical M&amp;E training for Lampinigan MPA, Isabela City, Illana Bay, Davao Gulf and Central Visayas.</li> </ul>  | <ul style="list-style-type: none"> <li>• Continuing</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Assist in the formulation and review of CRM-related ordinances in Davao City, Lamitan and Isabela City and continue assistance in the Unified Fisheries Ordinance (UFO) for municipal clusters of Sibugay and follow-up action plan of the clusters’ output particularly cluster SiNPak and TRI.</li> </ul> | <ul style="list-style-type: none"> <li>• On-going; the Fisheries Code of Davao City has been passed</li> </ul> |
| <ul style="list-style-type: none"> <li>• Continue to monitor and assist in the implementation activities of all LGUs on the following: (a) coastal law enforcement; (b)</li> </ul>   | <ul style="list-style-type: none"> <li>• Continuing</li> </ul>   |

| Expected Output/Activity  | Status/Remarks*   |
|---|---|
| strengthening the CRM/FRM/Marine Sanctuary (MS) management bodies; (c) implementation of newly enacted and existing ordinances; and, (d) advocacy on budget allocation for CRM.   |   |
| <ul style="list-style-type: none"> <li>Assist LGUs facilitate the conduct of coastal law enforcement for Baler Bay, Camotes Sea and Western Mindanao (such as through a refresher training), Davao Gulf and other coastal law enforcement-related IEC campaigns including enforcement strategies within MPAs.</li> </ul>  | <ul style="list-style-type: none"> <li>Ongoing</li> </ul>   |
| <ul style="list-style-type: none"> <li>Assist LGUs in monitoring fishery management implementation, particularly on fishery registration and licensing activities, implementation of gear/species regulation and fisheries monitoring.</li> </ul>   | <ul style="list-style-type: none"> <li>Ongoing</li> </ul>   |
| <ul style="list-style-type: none"> <li>Continue technical assistance activities towards the strengthening of existing MS particularly on M&amp;E and enforcement for Lampinigan MPA, Isabela City, Illana Bay, Davao Gulf and Central Visayas.</li> </ul>   | <ul style="list-style-type: none"> <li>Continuing</li> </ul>  |
| <ul style="list-style-type: none"> <li>Continue mangrove management planning and capability building in co-management for Camotes, Central Visayas and Tungawan, Zamboanga Sibugay.</li> </ul>  | <ul style="list-style-type: none"> <li>Continuing</li> </ul>  |
| <ul style="list-style-type: none"> <li>Continue to strengthen the inter-LGU alliances and MPA networks in Camotes, Southwest Cebu, Bohol, Negros Oriental, Siquijor and Davao Gulf.</li> </ul>  | <ul style="list-style-type: none"> <li>Continuing</li> </ul>  |
| <ul style="list-style-type: none"> <li>Advocate the use of CRM summits in Western Mindanao that are linked to the State of the Coasts/and Seas reporting as one of the convergence areas that can help: (a) provide incentives and accountability through recognition of CRM good governance performance, (b) refine the use of financial leveraging, social marketing, and investment promotion strategies, and (c) promote global climate change adaptation to address poverty and conservation issues in coastal areas.</li> </ul> | <ul style="list-style-type: none"> <li>Conducted</li> </ul>   |
| <ul style="list-style-type: none"> <li>Assist selected LGUs in improving financial management system for CRM/MS.</li> </ul>   | <ul style="list-style-type: none"> <li>On-going;</li> </ul>   |
| <ul style="list-style-type: none"> <li>Develop guidelines for LGUs to establish MPA networks including draft ordinances and inter-LGU agreements (MPA network management plan, budget, management bodies and IEC).</li> </ul>   | <ul style="list-style-type: none"> <li>On-going; MOA for Bohol MPA network was formally signed; Neg. Or. MPA network MOA being finalized</li> </ul> |
| <ul style="list-style-type: none"> <li>Initiate piloting of environment-friendly mariculture activities in Western Mindanao.</li> </ul>   | <ul style="list-style-type: none"> <li>Not conducted</li> </ul>   |
| <ul style="list-style-type: none"> <li>Assistance in support of tourism zone through development of a tourism plan/options.</li> </ul>  | <ul style="list-style-type: none"> <li>Not conducted</li> </ul>   |
| <ul style="list-style-type: none"> <li>Involve DENR Region and Provincial LGU in carrying out CRM planning and implementation in Western Mindanao, Southern Mindanao and Central Visayas.</li> </ul>  | <ul style="list-style-type: none"> <li>On-going</li> </ul>  |

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

**Sector-Wide CRM Accomplishments**

- For this quarter no sector wide targets have been added to the improved coastal management and strengthened existing marine sanctuaries. Important contributions towards improving and strengthening have been made to the target areas in the Central Visayas and Western Mindanao but is expected to be achieved in next quarter.
- Major accomplishments against target as of Quarter 15 are found below.

| <b>LOP Sector Targets</b>   | <b>Year 4 Objectives and Targets (Outcomes)</b>   | <b>Revised Target per region</b>   | <b>Accomplishments as of Year 4 Quarter 14</b>  | <b>Quarter 15, Year 4 Accomplishments</b>  | <b>Variance /Comments</b>  |
|---|---|--|---|--|--|
| Place under improved management about 106,700 hectares of coastal areas   | Place 44,875 hectares under improved management (bringing total to >111% of LoP)                        | <b>Central Visayas</b><br>19,254 hectares (Poro, Tudela)   | - Financial mgt. guidelines for both LGUs drafted<br>- Mangrove management planning on-going (Module 1: Situational Analysis )  | - Modules 2 & 3 of mangrove mgt. planning conducted;<br>- Financial mgt. guidelines for LGU-Poro under development |  |
|   |   | <b>Western Mindanao</b> (Ipil, Dumalinao - 4,908 ha and Dimataling - 3,933 ha)                         | Tukuran (1,892 hectares) and Tungawan (17,776 hectares) under improved management   |  | Ipil is being considered to buffer for additional hectare targets  |
|   |   | <b>Southern &amp; Central Mindanao</b> Davao City -16,659 ha)  |   |  | Other management zones are being considered to achieve target deliverables   |
| Strengthen 50 marine sanctuaries covering at least 2500 hectares of existing marine sanctuaries under improved management | Strengthen 27 existing marine sanctuaries and achieve enforced level (bringing total to 82% LoP target) | <b>Central Visayas</b><br>14 marine sanctuaries (5 in Camotes Sea, 3 in Southwest Cebu, 6 in Siquijor) | 3 marine sanctuaries in Camotes Sea strengthened, reaching enforced level :<br>- Poro (33 ha)<br>- Carmen (44.7 ha)<br>- Carmen (27.6 ha)<br><br>19 marine sanctuaries were brought to the established level.<br>- 7 in Ayungon, Negros Oriental (147.24 ha)<br>- 12 in Bohol (185.29 ha) | MPA networks are being initiated in Bohol and Negros Oriental  | - On going assistance (M and E, enforcement) to target marine sanctuaries;<br>- Final documentation of strengthened sanctuaries in Siquijor and Southwest Cebu being prepared. |
|   |   | <b>Western Mindanao</b><br>12 marine sanctuaries (8 Illana Bay and 4 Basilan)                          | 2 marine sanctuaries in Tukuran (230 ha) placed under improved management   | Joint enforcement and training of M&E monitoring teams initiated in cluster 2 MPA network                          |  |

| LOP Sector Targets  | Year 4 Objectives and Targets (Outcomes)  | Revised Target per region  | Accomplishments as of Year 4 Quarter 14  | Quarter 15, Year 4 Accomplishments   | Variance /Comments |
|---|---|--|--|--|--------------------|
| Establish 20 new marine sanctuaries covering an area of at least 400 hectares | LOP targets achieved in Year 3  |  |  |  |                    |
| Other Targets:  |   |  |  |  |                    |
|   | Strengthen two MPA networks and initiate formation of at least three other networks | <b>Central Visayas</b><br>One strengthened (Camotes Sea); one initiated (Southern Cebu)        | - 2 MPA networks (Southwest Cebu and Siquijor) established;<br>- 2 MPA networks (southern Bohol and Negros Oriental) initiated | - Southern Bohol and Negros Oriental MPA networks being trained on IEC and M&E<br>-Southern Bohol MPA network MOA signed last May 31, 2008; MOA for Negros Oriental MPA network in Neg. Or. being finalized        |                    |
|   |   | <b>Southern Mindanao</b>   | MPA network clusters in Davao Gulf have been initiated.  | M&E training being undertaken  |                    |
|   | Strengthen inter-LGU alliances for bay-wide management                              | <b>Central Visayas</b><br>Four LGUs in Camotes Island and one mainland LGU, with Cebu Province | - CSCRMC-BOC with new set of officers; 2008 work plan; financial mgt. guidelines<br>- Mobilization of Task Force               | - 2008 work plan and coastal law enforcement plan adopted<br>- First seaborne operations of Task Force conducted with support from the Philippine Army<br>- Regular CSCRMC meetings<br>- P500K grant from Governor |                    |
|   |   | Western Mindanao   | IBRA 9 as model for Zamboanga del Sur and for Zamboanga Sibugay Clusters   |  |                    |

### CRM Accomplishments – Northern Luzon

- Provided counterpart support to the LGU staff for their Ridge-to-Reef exposure trip to Central Visayas
- Followed up commitment of Aurora Governor Bellaflor Angara-Castillo on the establishment of the CRM Division under the Provincial Environment Office and State of the Coasts report. The Governor committed support to the province’s CRM program.

## CRM Accomplishments – Central Visayas

### *Coastal Area Management*

- Continued to strengthen the organizational capacities of the CRM/FRM bodies as they carry out their plans and programs.
- Facilitated ongoing efforts on fisheries registration in Poro, Pilar, Tudela, San Francisco and Danao City. LGU-San Francisco started to intensify its efforts to register fishing vessels and gears last April 2008. As of June 2008, about 750 fishing vessels have been registered.
- Assisted LGU-Pilar in drafting their revised fisheries ordinance.
- Conducted the second and third training modules on mangrove management planning to all five-member LGUs of the Camotes Sea Coastal Resources Management Council (CSCRMC). The second module provided guidance in visioning and strategic directions setting. The third module discussed the RMP outline, crafting the strategies and key activities, key results and milestones of the plan.
- Facilitated conduct of round-table discussion and drafting of user fee ordinance for dive sites and marine recreational areas in San Francisco. Examples and experiences from other areas and important components of the ordinance, e.g., collection system, etc. were provided as inputs.
- Provided technical assistance to refine financial management guidelines for CRM/MPA funds of Pilar, Tudela and Poro for legitimization/adoption of their respective SBs. LGU-Tudela is currently adopting the system even if it has not been formally adopted by the SB.
- Continued assistance to Carmen in CRM Planning. Facilitated validation of the Participatory Community Resource Appraisal (PCRA) results during barangay consultations, coastal zoning and determining management strategies. Options assessment was conducted to determine the management guidelines for the fisheries management zone.

### *Strengthening Existing Sanctuaries*

- Continued to assist in finalizing the MPA Management Plans of the Bohol and Negros MPA clusters.
- Continued assistance in MS management bodies in the implementation activities of the established marine sanctuaries particularly on enforcement, site development, and monitoring and evaluation.
- Participatory M&E were conducted in the existing marine sanctuaries in the Camotes Sea by the local monitoring teams in Esperanza, Tudela, Pilar, Carmen. All activities were funded by the MLGUs with counterpart funding from the BLGU.
- Technical biophysical monitoring surveys were done by the EcoGov team together with the local teams.

### ***Strengthening through MPA networking***

- Assisted in the implementation of the annual action plan of the DugJan MPA Network (Bohol) particularly on organizational formation, M&E and IEC.
- Assisted in the implementation of the annual action plan of the BATMan MPA Network (Negros Oriental) particularly on organizational formation, M&E and IEC.

### ***Scaling up efforts through an ecosystem-approach in management***

- Guided the CSCRMC in holding its regular once a month meeting. A brochure about the CSCRMC for distribution during the Suroy-Suroy Sugbo was prepared. The team assisted the council in the preparation for Cebu Business Month that included an exhibit during the Grand Expo and a Partners' Forum with the private/business sector. About 20 companies/organizations attended the forum and most of them gave their support and commitment for the CSCRMC
- In June, the Task Force Camotes Sea conducted its first formal operation with the assistance of the Philippine Army. The operation allowed the team to carry out their OPLAN and determine areas for improvement in terms of logistics preparations and equipment support.
- The CRM team worked with the Negros Oriental through the ENRD in incorporating CRM concerns in the Island-wide Climate Change Summit for the Negros Island held last May 23, 2008.
- Conducted a cluster MPA Assessment and Planning Workshop in the Southern Negros MPA Network (Negros Oriental) which provided an orientation about MPA networking and an assessment of the current status of CRM and MPA management in the four LGUs.
- Reviewed and refined the MPA Plans for the four target LGUs (Dauin, Zamboanguita, Basay and Siaton).
- Facilitated the site visit of selected municipal officials from the LGUs in Camotes Islands and Bohol to coastal tourism sites and waste management projects in Batangas and attendance in a one day gathering in SMX Conference Center at SM Mall of Asia for the SCOTIA end-of-project conference on Sustaining Coastal Tourism. The participants got first-hand information on the implementation of environmental user fee system in Batangas and Mindoro Oriental and waste water management in Punta Fuego, Nasugbu.
- Collaborated with DENR/ICRMP in the conduct of the Trainers' Training on Participatory Coastal Resource Assessment for ICRMP focal personnel of BFAR in June 2008.

## CRM Accomplishments – Southern and Central Mindanao

### *Coastal Management*

- Assisted the Davao City Council in crafting its Comprehensive Fisheries Ordinance that was finally approved and adopted by virtue of City Ordinance No. 093-08, Series of 2008, Resolution No. 057-08, Series of 2008. The project supported some consultations and public hearings which contributed to the ordinance final adoption. The City is now preparing the ordinance's Implementing Rules and Regulations.

### *Existing Sanctuaries*

- Conducted training and orientation on MPA Network and Participatory M&E for the Sta. Cruz, Panabo, Samal City and Davao City (SanPaSaDa) MPA Network in Davao Gulf. The technical staff and officials from the LGUs of Sta. Cruz, Panabo City, Davao City and Samal City; personnel from the DENR and BFAR attended the training.
- Facilitated the visit of Michael George and party of USAID to the City of Davao. The team briefed the party on the project's assistance in Davao City. Together with the Davao Gulf Management Council, the party was also able to observe the actual training for the Police Environmental Desk Officers of Davao Gulf. The training was a joint undertaking of the Philippine National Police (PNP), Regional Office 11, the BFAR, DENR, Philippine Information Agency (PIA), Philippine Coast Guard (PCG) and the Davao Gulf Management Council.
- Conducted a two-day training on Coastal Law Enforcement for the PEDOs of Davao Gulf. A total of 37 PNP Officers were oriented on their roles and responsibilities as PEDOs, which include their roles in environmental protection and enforcement of coastal laws. The project supported the training in collaboration with the DENR 11, BFAR 11, PIA 11, PCG, the PNP Regional Office 11, the PNP-Maritime Command, the Department of Justice (DOJ), the Davao Gulf Management Council, and the USAID-funded Fisheries Improved for Sustainable Harvest (FISH) Project.
- Together with the UEM sector, the team conducted the Training Workshop on Wastewater Assessment for the Selected LGUs of Davao Gulf. The two-day training oriented the participants on how wastewater management can mitigate negative impacts in the coastal ecosystems.
- Organized a six-day study tour for the members of the CRM TWG and some officials of Davao City to showcase successful CRM implementation in the provinces of Cebu, Negros and Bohol.
- Held a second round of training on Participatory Monitoring and Evaluation (PME) Training for the Local MPA Monitoring Teams of the Bato, Tuban-Tagabuli and Astorga MPAs of Sta. Cruz, Davao del Sur. The Monitoring teams are now initially equipped with the basic PME monitoring tools and will be trained intensively for the succeeding months.
- Assisted the Save Davao Gulf Foundation in carrying out its MPA strengthening activities in the City of Samal. The project assisted in the conduct of the biophysical assessment and management planning for Sta. Cruz, Dapia, Mansud Wall and Cogon MPAs.

- Conducted benchmarking for Camudmud MPA with the participation of the technical divers of the City of Samal and the DENR-CENRO Panabo City.
- In collaboration with the Davao Gulf Management Council, co-sponsored the mayor's conference of Davao Gulf to highlight the Ocean Month Celebration. During the conference, the project made a presentation on how wastewater management supports marine biodiversity conservation in Davao Gulf. "Piso Para Sa Gulpo" tin cans were distributed for fund raising activity.

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

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

- Assisted and supported the conduct of the First Provincial CRM summit in Zamboanga del Sur in collaboration with the PLGU, MLGUs, National Government Agencies (NGAs), NGOs, and the academe on May 29 to 30, 2008. US Ambassador Kristie Kenney highlighted the project's initiatives in CRM and upland initiatives in the whole province. The participation of 15 coastal LGUs heightened their awareness and commitment to protect and manage the coastal resources in Zamboanga del Sur. The summit focused on the following:
  - Provincial-wide sharing of CRM experiences and discussed consolidated CRM status, accomplishments, opportunities and challenges.
  - Formulation of the integrated bay-wide CRM and fishery management work plan for four bays of the province; Panguil, Illana, Maligay and Dumanquillas.
  - Discussion on the interest of LGUs in Maligay and Dumanquillas to scale up CRM in the province following EcoGov processes.
  - Discussion on the institutionalization of annual CRM summit for the province of Zamboanga del Sur.
  - Coordination and collaboration of the various stakeholders (NGAs, NGOs and private sectors) in the province.
- Consulted with DENR Region 9 offices and PLGUs (Zamboanga del Sur and Sibugay) on the project's proposed targets and strategies for the next 3.5 years. The consultation meeting discussed several possible approaches, complementation, and sharing of resources between and among the project, PLGU and DENR.
- Evaluated the PCRA reports submitted by the DENR-CMMD and provided recommendations as to additional information needed in the formulation of CRM Plan of Ipil Municipality. The team also assisted the DENR-CENRO in the actual zoning and assessment of different management zones (i.e., mangrove management zones, multiple fishery management zones, eco-tourism zones, mariculture area and MPA zones).
- Conducted feedbacking on the results of the mariculture study with LGUs in Zamboanga del Sur. The feedbacking resulted in the identification of target pilot sites for mariculture as committed by LGUs: Dimataling for seaweeds, San Pablo for crab fattening/culture, Labangan for Aquasilviculture, Dumalinao for cage culture and Dinas for pond culture.

During the session, the team also helped in identifying mariculture practitioners and operators in eight LGUs of IBRA9.

- Completed development of MPA IEC materials in IBRA 9 cluster-2 LGUs (San Pablo, Dinas, Dimataling and Tabina). These are now ready for mass production. Some of the IEC materials were already used by the LGUs during their CRM/fisheries management IEC activities in their localities. These are: brochure for Dimataling and Dinas; leaflet for Tabina and San Pablo and; poster for IBRA 9 cluster 2 level.
- Assisted the LGU of Tungawan in their IEC campaign promoting the registry of fisherfolk for the issuance of permits and licenses particularly in the sitios of barangay Baluran, Poblacion, San Vicente, Sto. Niño, Tigbucaay and Linguisan. The team guided the LGU in the delineation of zones for fixed gears, i.e., fish corral and modified liftnet, mariculture i.e., seaweed farms and implementation of the color-coding of boats.
- Assisted the completion of the Mangrove Management Plan by supporting the conduct of community mapping in San Pedro and Baluran, Tungawan.
- Assisted the Province of Zamboanga Sibugay in reviewing the CRM Section of the draft Provincial Environment Code. EcoGov will conduct a one-day workshop for the review of the Code before presentation to the Sangguniang Panlalawigan.

### *Existing Sanctuaries*

- Continued assistance in finalizing the Lukbuton-Panigayan Marine Protected Area (LUKPAN MPA), Isabela City, Basilan.
- To increase local awareness on CRM, the project supported the hosting of the First Youth Sea Camp of the BLGU of Panigayan, Isabela City, Basilan.
- Conducted feedback gathering on the results of the technical biophysical monitoring in Bangaan MPA taken from 2005, 2006 and February 2008. The results showed increasing trends of fish abundance, despite some occasional poaching and encroachment of illegal commercial fishing outside the 5 km radius of its no-take area, within their municipal waters. Outside the MPA, fish biomass and coral cover showed declining trends.
- Continued support for the participatory biophysical monitoring in the Naga MPA, Zamboanga Sibugay with the participation of the LGU and the provincial monitoring team members.
- The team conducted the first monitoring and training on participatory biophysical assessment of corals and reef fishes in Lampinigan, Isabela. The 2008 monitoring will help analyze improvement based on benchmarking data taken in September 2005.
- Facilitated the review of draft MPA plan of Lampinigan, Isabela .
- Facilitated the LGU review of the Maloong Canal MPA plan, Lamitan. The LGU will initially focus their activities in IEC, enforcement and M&E.

- Supported the participation of the LGU in the conduct of underwater clean-up drive or SCUBASURERO in Maloong Canal MPA and Calugusan beach. The event was undertaken in coordination with the Philippine Marines and participated by the First Marine Brigade of the AFP and US Special Forces of the Balikatan. Initial observations showed urban waste has started to threaten coral reefs.

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

- The need for many LGUs to deploy adequate staff for their CRM activities, especially in areas where coastal resources are the community's major assets. The team will continue highlighting this advocacy message especially in Aurora, Zamboanga Sibugay and Zamboanga del Sur.
- As LGUs realign their budgets, other priorities may crowd out allocations for CRM activities, especially the sector's share from the LGUs' 20% development fund. The team has been helping the LGUs review their financing situation and figure out other possible sources of funds.
- Most LGUs need technical assistance in developing proposals, CRM-based private-public partnerships and building local capacity in participatory M&E. The project will help the LGUs explore outsourcing arrangements with the local state university to improve their capacity to do technical and participatory monitoring of CRM.

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

- Continue to monitor and assist in the CRM planning, implementation activities of all LGU CRM/MS/Coastal Law Enforcement (CLE) such as in: (a) coastal law enforcement; (b) strengthening the CRM/FRM/MS and CLE groups; (c) implementation of newly enacted and existing ordinances; d) participatory MPA/MS M&E and, (e) advocacy on budget allocation for CRM.
- Assist all target LGUs in monitoring fishery management implementation, i) particularly on fishery registration and licensing activities, ii) implementation of gear/species regulation and fisheries monitoring, and iii) pilot training for selected mariculture activities.
- Assist LGU in Pilar, Carmen and Ipil in CRM planning and to engage with the relevant DENR, BFAR and partners.
- Mentor the management bodies in lobbying for the adoption of CRM/MPA management plans to integrate with other sectors such as the UEM.
- Explore with DENR and LGUs other options for accelerating protection and management of mangroves and continue mangrove management planning in Camotes, Western Mindanao and Davao Gulf.
- Assist the Camotes Sea CRM Council in strengthening its organization and developing a tourism plan.

- Strengthen the MPA network in Camotes Sea and Illana Bay and mobilize networks in southern Bohol, northern Negros Oriental and SanPaSaDa.
- Assist selected LGUs in improving financial management system for CRM/marine sanctuaries.
- Assist in the legitimization of proposed MPAs, adoption of management plans and joint inter-LGU action plans through BEMO, ENRD and Davao Gulf Management Council.
- Provide an orientation for inter-LGU clustering and follow up of UFO in Zamboanga Sibugay.
- Assist in the conduct of LGU annual action planning workshops for 2009 CRM implementation and performance assessment such as the State of the Coasts report.
- Follow up on the UFO in five municipalities (Tungawan, Naga, Siay, Mabuhay and Talusan).
- Assist the Provincial CRM-TWG in developing, reviewing and finalizing the Provincial Environment Code for Zamboanga del Sur and Aurora.
- Continue knowledge product development in collaboration with DENR in CRM planning and mangrove co-management.
- Assist DENR and DA-BFAR in the following: (a) national CRM policy review and advocacy in action planning EO 533 piloting of State of the Coasts in selected ICRMP convergence areas; (b) General Plan of Action for the Coral Triangle Initiative to help mainstream technical support to LGU; (c) sustainable financing through local governance Public Private Partnerships and National Integrated Protected Area System (NIPAS) rationalization; and (d) the National Fisheries Summit and the International Year of the Reef.

*e. Status toward Achieving Sustainability of Efforts*

- The CRM team has undertaken various strategies that have helped to strengthen the capacities of the management bodies at the municipal and provincial offices together with their engagement with the national agencies such as the DENR and BFAR. Technical assistance through participatory MPA monitoring and evaluation with feedback, validation and adjustment of the MPA/CRM programs have helped the LGUs in their adaptive management process. EcoGov efforts have initiated the development of a critical mass of ENR governance constituency within an ecosystem-based context. Institutional capacities are being developed through building of joint teams for enforcement, IEC, participatory monitoring and feedback system. In Mindanao, the development and use of culture-sensitive CRM knowledge products for training and dissemination of best practices will cement networks alliances especially among Muslim communities.

## 2.4. Improved Solid Waste Management

### a. Expected Output for the Quarter

Expected outputs in this sector for Quarter No. 15 were as follows:

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

| Expected Outputs  | Status  |
|---|---|
| • Three LGUs meeting 25% diversion  | • Two LGUs met target   |
| • Three SWM plans legitimized   | • Two plans legitimized   |
| • Complete design of SLFs of at least eight LGUs  | • Final design of four SLFs completed   |
| • Complete social marketing plans for Metro Bohol   | • Draft completed and submitted for approval  |
| • MOA for LGU clustering in South Cotabato signed   | • Delayed due to change in site (due to social acceptability issues)  |
| • MOAs for health care waste management signed by Kidapawan LGU   | • Public hearing held by SP; delayed issuance of authority of Kidapawan Local Chief Executive (LCE) to sign MOA                   |
| • SWM business plan of Tacurong City legitimized; ring fenced account established   | • Ongoing; special account for SWM established  |
| • Roll-out of SWM business planning to other LGUs. At least five LGUs should have agreed to adopt the process   | • Done in three regions; replication in 12 LGUs ongoing   |
| • Completed draft of proposed revisions to the Implementing Rules and Regulations (IRR) of RA 9003 re deputation of local enforcers and sharing of LGU collections of fines and penalties | • Draft recommendations submitted to the National Solid Waste Management Commission (NSWMC) Secretariat for discussion and review |
| • Complete draft of WACS training modules and materials   | • Ongoing   |
| • Complete simplified procedures for design of Category 1 and 2 SLFs  | • Ongoing   |

### b. Summary of Accomplishments and Activities

#### UEM-SWM Sector Wide Accomplishments

- Two LGUs achieved 25% waste diversion during the quarter: Santa Catalina of Negros Oriental and Albuquerque in Bohol. There are now 43 LGUs with 25% waste diversion. This represents 50% of Year 4 target and 48% of LOP target.
- Two ISWM plans were legitimized – those of San Francisco (Camotes Is. Cebu) and Gen. Santos City in Region 12.
- The provinces of Nueva Vizcaya, Quirino, Aurora and South Cotabato, through their scaling up activities, have collectively assisted 22 LGUs in SWM planning. This means that all

LGUs in the four provinces have effectively been reached through the direct assistance of EcoGov and the scaling up strategy through the PLGUs. The 17 LGUs in the Northern Luzon provinces have completed SWM plans.

- The team rolled out the training on business planning in three regions (South Central Mindanao, Central Visayas, and Northern Luzon). A total of 12 LGUs participated in the training. Feedback from the LGU participants were positive, fulfilling the main objective of widening the perspective of LGUs and creating appreciation of the application of business principles in waste management.
- To replicate the Northern Luzon SLF designing TA in Central Visayas and Mindanao, the SOWs for contracting this service were drafted and submitted to USAID for approval. The SOWs will cover six LGUs in Central Visayas and six other LGUs in Mindanao (Region 12). This will bring the number of LGUs assisted in SLF development to 19.
- The Legal Specialist completed the needed legal research on two policy concerns on which the NSWMC Executive Director requested EcoGov TA. The draft deputation guidelines and proposed rules of procedure for the enforcement of Republic Act (RA) 9003, and the draft report re proposed changes in the sharing schemes between NSWM Fund and LGUs for fines imposed under RA 9003 have been submitted to the NSWMC Secretariat for review and discussion. Also submitted were the draft designs of the training of personnel who will be deputized as SWM officers and the training of trainers of SWM officers. The NSWMC intends to conduct some consultations with stakeholders before the proposals are presented to the Commission.
- The team responded to another request from NSWMC Secretariat for an organizational development type of TA to help DENR define and clarify the roles of DENR, EMB and NSWMC Secretariat under RA 9003 and its Implementing Rules and Regulations (IRR). Initial discussions with the NSWMC Executive Director and some field staff aided the development of the general TA approach.

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

- Efforts to scale up SWM planning and implementation by the Nueva Vizcaya, Quirino and Aurora PLGUs have resulted in 17 MLGUs with completed SWM plans: eight in Nueva Vizcaya, three in Quirino and six in Aurora. Eight of these LGUs have had their plans legitimized by their respective SBs. Initial implementation is being carried out in some of these LGUs.
- Diffun MLGU entered into agreement with the poblacion barangay (Barangay Rizal) to manage the SWM program in the public market. This is to sustain the segregation at source program and the cleanliness in the vicinity. The MLGU in return will provide P50,000.00 quarterly to the Barangay Council for the service.
- The Quirino State College (QSC) in Diffun and the Maddela Institute of Technology (MIT) have expanded their composting operations thus increasing their support to the SWM program of their host LGU. Utilizing their income from the sales of compost, QSC had four additional windrows constructed. The MIT for its part adopted three barangays where their composting program is being replicated.

- The province of Aurora has indicated its intent to financially support the development of a common SLF for the central Aurora area which includes the LGUs of Baler, M. Aurora, San Luis and Dipaculao. The DENR PENRO/CENROs and the Provincial ENRO are in the process of identifying potential sites.
- Of the seven LGUs (Bagabag, Bambang, Bayombong, Solano and Aritao of Nueva Vizcaya; Maddela, Quirino; Cauayan City, Isabela) which were assisted in SLF design and Initial Environmental Examination (IEE) preparation, four LGUs were able to fully complete their engineering designs following the recommendations of SEA Consultants (Indefinite Quantity Subcontracts or IQS contractor), which did the final review and quality control of LGU designs. Only Aritao has submitted its IEE to EMB Region 2 and has also been issued an Environmental Compliance Certificate (ECC). Bayombong has also submitted its engineering design to EMB. Both Bayombong and Aritao have started earthworks on the initial cells of their SLFs.
- An Orientation-Workshop in Business Planning for Waste Management was held in June for the SWM Coordinators, MPDCs, Chair of the SB Environment Committee and accountants of four LGUs: Cauayan City, Solano, Bayombong and Aritao. The activity focused on the application of business principles in the management of the LGUs' SWM program, highlighting the need to recover costs in order to reduce SWM dependence on subsidy. Representatives from Jagna, Bohol and Tacurong City, Sultan Kudarat shared their experiences in SWM business planning and ring-fencing of SWM accounts. The EcoGov team and participants agreed on a timetable for the preparation of the analysis of 2007 SWM costs and revenues to establish the current subsidy level for SWM and the basis for future planning.

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

- Sta. Catalina of Negros Oriental and Alburquerque of Bohol achieved 25% diversion with the enforcement of waste segregation and the implementation of segregated collection and composting of biodegradable waste. Sta.Catalina, through its MENRO, is continuing its IEC in all barangays and various sectors within the collection areas. Alburquerque has upgraded its central materials recovery facility (MRF) and has installed low-cost barangay MRFs in seven selected barangays.
- Last April 14, 2008, Cortes, Jagna, and Duero received awards for their SWM best practices from the Province of Bohol thru the BEMO and the Provincial SWM TWG, and the DENR PENRO. Jagna was recognized for its enforcement scheme, Duero for composting, and Cortes for its barangay level collection system. They received cash incentive and plaques of recognition. The awarding was witnessed by the NSWMC.
- The SWM Ordinance of Bais City underwent another public hearing upon the request of the sugarcane planters who will be most affected by the ordinance's "no open burning" provision. EcoGov, with DENR-EMB and ENRD, assisted the LGU in the conduct of the public hearing. The planters eventually agreed to the policy as long as the LGU will help them by providing them information on alternative technologies and by implementing the "no open burning" policy by phase. The ordinance is currently with the SP Committee on Environment and the TWG for further refinement before the final reading and approval of the ordinance.

- As support to the plan of the Province of Negros Oriental to establish a Metro Dumaguete cluster SLF, EcoGov is assisting LGU Bacong complete its SWM plan. A waste assessment data consolidation and analysis training was held for Bacong during the quarter. This also served as training for the ENRD staff of Negros Oriental on the updated and simplified approach currently used by EcoGov in the analysis of the waste assessment data.
- In Bohol, EcoGov conducted a SWM planning workshop for the five LGUs in the Metro-Bohol Cluster which are still completing their SWM plans, namely: Loboc, Lila, Baclayon, Balilihan and Sikatuna. The LGUs were guided in developing the engineering, IEC, policy and organizational components of their plans and in preparing the 10-year financial projections. Before the quarter ended, the draft ISWM plans of Lila, Sikatuna, Baclayon, and Loboc were completed and ready for presentation to their respective SWM Technical Working Groups. The DENR and the Holy Name University (HNU) of Bohol actively participated in the training activities.
- The communications/social marketing plans of the LGU-members of the Metro Bohol cluster were finalized and submitted to LCEs for approval and budget allocation. The Cebu Uniting for Sustainable Water Foundation, Inc. or CUSW (a Cebu-based IQS local service provider or LSP) has completed the communications plan and materials to facilitate acceptance of the common SLF by host LGU Carmen. The SLF is designed to provide the north metro Cebu LGU cluster, consisting of 10 Cebu municipalities and three cities, a sanitary waste disposal site.
- Composting programs in selected LGUs were further strengthened. Tanjay City LGU finally started its composting program (vermicomposting) through the City Agriculture Office. An upland barangay of Dauin LGU has established its own vermicomposting facility (with a vegetable garden) in coordination with the public school's Parent-Teacher-Community Association (PTCA) after officials visited the LGU's central composting facility. Some of the school children's parents have also adopted backyard vermicomposting technology using recyclable sacks. Danao City's BSWMCs underwent a one-day barangay level composting training covering both windrow and vermicomposting technologies. The training was done in two batches: the first day was for rural barangays, the second day for urban barangays.
- A rapid market study was conducted to assess the market potential of the vermicast produced in Jagna's composting facility. Identified as potential users were the mango farms in Ubay and the vegetable and flower farms in Bgy. Mayana in Jagna. The study indicated that there is increased use by farmers in the two sites of organic soil conditioners/fertilizers and that some residents have even started their own vermicomposting. There is indeed demand for the compost product and the challenge for Jagna is to ensure that it can provide a reliable supply of quality compost.
- An orientation-workshop on business planning for SWM was held for the cities of Bais, Bayawan, Danao, Toledo and the municipality of Jagna last May. Staff of the DENR Regional Office, PENRO-Cebu and ENRD-Negros Oriental also attended the activity. Discussions on the application of basic business principles in SWM were supplemented by presentations on related innovations being done in Tacurong City, Jagna and Bayawan City. The participants agreed to pursue measures to increase their rate of cost recovery.
- As a result of the presentation of the initial SWM cost and revenue analysis, Jagna LGU requested the EcoGov to facilitate an action planning activity to improve the efficiency in the

collection of garbage fee (currently at 48%), to streamline some operations in order to reduce costs, and to review the effectiveness and efficiency of its SWM organization. The LGU realized that its garbage fees, if collected efficiently, can potentially sustain its SWM operations. The LGU also had the report presented to the Mayor, SB, barangay captains, barangay enforcers and SWM Management Board.

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

- The 10-year SWM plan of Gen. Santos City was finally approved and adopted by the Sangguniang Panglungsod in April 2008.
- The Gen. Santos City TWG has intensified its activities to achieve waste diversion targets in pilot sites: three public markets, six schools, Brgy Lagao, GSC Doctors Hospital and a hotel. The composting operations at the LGU nursery and at the demo farm were also improved. The composting facility in the demo farm is processing biodegradable waste from the central public market, which is placed at four tons a day.
- EcoGov assisted Gen. Santos City in the conceptualization and organization of the first Recycling Waste Fair, which was held jointly with the business sector and DENR as part of the city's Earth Day celebration. A subsequent waste fair was held last June in Brgy Lagao, which is the city's pilot barangay for SWM. As a result of the coordination made by the EcoGov team with some consolidators/junkshops in relation to the waste fair, a market for waste paper has been created in Gen. Santos City. Ambulant junk buyers now go to schools and offices offering to buy waste paper.
- Technical assistance to strengthen the waste management structure of Gen. Santos City LGU was continued. A planning workshop was held in April with members of the Sustainable Waste Management Board (SuWMB) and the TWG of the Board. This activity led to the expansion of Board membership (including private sector membership), defined transition priorities and activities, clarified roles and working norms. Subsequently the Interim Integrated Waste Collection and Services under the Office of Mayor was created. EcoGov facilitated the study tour of the Board and TWG members in Tarlac and Metro Manila. It continues to coach the concerned officers on the finalization of the transition plan and budget, and the completion of the Waste Management Office Competency Guide for Staff Selection and Development.
- Six LGUs (Maitum, Alabel, Kiamba of Sarangani; Magpet, Pres. Roxas and Kabacan of North Cotabato) were assisted in completing their WACS data analysis and projections and in presenting the results to their respective SWM Boards. As part of the ISWM planning process, some good practices on segregation, recycling and composting at source were shared with the provincial TWG and the SWM Boards/TWG.
- The North Cotabato Provincial TWG was coached in setting-up a composting facility in the capitol compound. A site development plan of the composting area has been prepared and this includes the establishment of vegetable gardens which will make use of the compost products.
- Kabacan LGU and North Cotabato Provincial LGU staff underwent training on composting, with resource persons from the University of Southern Mindanao (USM) as resource person. As a result of this, Kabacan constructed a composting shed and vermi beds within its waste

disposal facility complex and plans to launch its composting operations during the LGUs' founding anniversary in August.

- Two batches of staff (52 pax) from the pilot MLGUs and PLGUs of Sarangani, South Cotabato and North Cotabato went on a cross visit to Negros Oriental to observe and learn good waste management (solid waste and waste water) practices and existing facilities in other LGUs. Visited were San Carlos City, Bayawan City, Dumaguete City and San Jose LGU.
- Further improvements to the operations and housekeeping of the Kidapawan composting facility were suggested to the LGU. Guidance was also provided to improve the system for recovering biodegradable waste at the open market.
- Prior to the issuance to the LCE of the authority to sign the MOA with three hospitals for the establishment and management of a toxic and hazardous waste (THW) vault for health care waste, the SP organized a public hearing. The issues and concerns raised during the hearing were sent to the CENRO for comment and consideration in the final draft of the MOA.
- In South Cotabato, the three target LGUs (Noralla, Lake Sebu and Sto Nino) completed their WACS. The analysis and projection of WACS data is planned for next quarter.
- The PEMO of South Cotabato spearheaded the establishment of vermicomposting facilities within the capitol grounds and in the municipalities of Tantaran and Sto. Nino. There are other offices within the capitol area that have also started to compost the biodegradable wastes they generate.
- Planning with the South Cotabato PEMO was initiated to replicate the recycling waste fair in the province.
- The EcoGov team led brainstorming sessions to develop the plan to install billboards and signages with good SWM messages along the national highway of South Cotabato. This will not only be for IEC purposes but also to proudly announce the fact that all LGUs of the province are now complying with RA 9003. Private and public organizations and agencies which are supportive of environmental management will be asked to sponsor these signages.
- The PLGUs of South Cotabato and Sarangani approved supplemental budgets (Sarangani – P500,000; South Cotabato – P750,000) to be given out as incentives and awards to encourage LGUs and specific point sources to improve and sustain their SWM efforts. South Cotabato intends to initially reward schools which aggressively enforce waste reduction and diversion. The EcoGov team will assist the PLGUs conceptualize the scheme and establish the mechanics for evaluating performance.
- The waste diversion performance of Kalamansig, Sultan Kudarat was assessed and recommendations were made to improve garbage collection and composting operations and the enforcement of segregation in the public market and commercial area. The TWG/Board was guided in preparing an action plan that will allow it to achieve its waste diversion targets by the end of 2008.
- The performance of the LGUs which have been previously reported to have achieved 25% waste diversion were reviewed. The EcoGov team and the LGUs agreed on priority activities

to further improve current waste diversion. One recommendation was to establish SWM models in these LGUs which will serve as learning sites for other waste generators.

- Business planning for SWM, which was initially tested in Tacurong City was introduced last May in four LGUs: Alabel, Polomolok, Surallah and Kidapawan. These LGUs were subsequently guided in consolidating and analyzing their SWM cost and revenue data. The LGUs were very enthusiastic in doing this activity and planned to present their analysis to their SWM Boards to make them realize of the cost recovery potentials of SWM.
- Tacurong City opened its Category 2 SLF last May 15. This P4-million SLF, which is the first in this category in Mindanao, is designed to handle as much as 75 tons of waste per day. Special guests during the SLF inauguration were Deputy Chief Aurelia Micko of the U.S. Agency for International Development (USAID)'s Office of Energy and Environment and Executive Director Zoilo Andin of the National Solid Waste Management Commission. As a front-runner in waste management, Tacurong City has been recommended for recognition by the Commission. EcoGov assisted the LGU develop its SLF Operations and Maintenance (O and M) Manual for the proper management of the facility.
- The North Cotabato PLGU is considering Kidapawan City as the potential host of a common SLF. The CENRO of Kidapawan committed to facilitate the preparation of the topographic map of its SLF site and other documents to be able to qualify for TA on SLF design.
- Brgy. Colongolo of Surallah has signified its interest to host the common disposal facility for a cluster of South Cotabato LGUs. It has issued a resolution interposing no objection to the project. This replaces the original SLF site (Brgy Centrala) considered by both the MLGU and PLGU.
- Cotabato City has completed the SWM plan for its public market, which is the focus of EcoGov TA. Subsequent activities included the training of some members of the City SWM Board and TWG on composting (jointly sponsored by EcoGov and a local NGO) and initial activities to develop the IEC program for waste generators within the public market. A cooperative is being considered to handle the composting of the biowaste from the public market but arrangements to make this happen were stalled as flooding was experienced in the proposed composting site during heavy rains.

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

- As part of the waste assessment process, several focus group discussions (FGDs) were held in Tungawan (Zamboanga Sibugay) to establish current SWM knowledge, awareness and practices (KAP) of selected stakeholder groups. This activity also served as training on KAP assessments (with FGD as main tool) for the provincial TWG, the Tungawan TWG and key staff of the Mindanao Integrated Resources Development (MIRD), a Zamboanga City-based LSP of EcoGov.
- A series of workshops were held for the preparation of the ISWM plans of Tungawan and Guipos (Zamboanga del Sur). These were on engineering, IEC, and policy support and enforcement, which are key components of the plan. The suggestions generated during the FGDs and the good practices learned from the cross visit of the two LGUs to Tacurong City, Koronadal City, Sto. Tomas (Davao Oriental), and Wao (Lanao Sur) were used as inputs to plan formulation. The LGUs were assisted in drafting the component plans as well as their

comprehensive SWM ordinance. These are to be presented to their respective SWM Boards for approval before the integrated plan is finalized.

- A waste assessment and characterization training was held in April for the Imelda LGU followed by the actual waste characterization exercise in both Imelda and Si-ay (Zamboang Sibugay). In May, the same WACS training and field exercise were held in Dumalinao and Labangan (Zamboanga del Sur). The FGD/KAP activities were also replicated in these two LGUs. The Zamboanga del Sur provincial TWG actively participated in the training activities serving as both resource persons and co-facilitators.
- While SWM plans are being completed, implementation activities are being started in Tungawan and Imelda. The former has started heap composting at the composting site in Barangay Timbabauan, with raw materials coming from the public market and business establishments. The LGU is also promoting backyard composting by households. Imelda intends to forge an agreement with the Sibugay Valley Management Council (SVMC) for the processing of its biodegradable wastes. The SVMC obtained from DOST an equipment grant, a 500-kg capacity bioreactor, and is seeking out potential sources of raw materials. Imelda will initially supply the SVMC with biodegradables from the public market.
- The province of Zamboanga del Sur is tapping women's and other organizations in Dumalinao, Guipos, Labangan and Pagadian City for recycling. The training of a women's group in Pagadian City on handicrafts using recyclable materials will be replicated in the three other LGUs. The PLGU is preparing for the Recycling Summit which will form part of the celebration of the "Araw ng Zamboanga del Sur."
- Zamboanga del Sur formed a Task Force SLF to facilitate the identification of potential SLF sites in the province. Members of the task force are from different PLGU offices, EMB, MGB, and DENR CENRO and PENRO. The team has visited the proposed SLF sites of Dumalinao, Guipos, and Labangan. DENR-MGB provided the province with a geological map and the Provincial Engineer's Office is preparing the maps that will be used in SLF site identification.
- Ipil (Zamboanga Sibugay) intensified and expanded the coverage of its IEC campaign, giving the barangays and its Municipal Health Office more significant roles. The MLGU created Barangay SWM Committees in the urban barangays and assisted them to develop their own barangay SWM programs. It streamlined the LGU's collection system, assigning to barangays the collection of biodegradable and recyclable waste, except within the commercial district. It allowed the barangays to enact ordinances for the collection of garbage fees from households.
- Ipil LGU has closed their open dump and transferred the disposal of residual waste in a new disposal site in Barangay Lumbia. An area within the disposal facility has been set aside for biodegradable waste.
- The Marawi City SWM activities gained momentum and was boosted by the allocation of P0.5 M by the mayor for implementation activities. The SWM TWG has drafted the action plans for the public market, city hall complex and selected partner schools and held an orientation on SWM for barangay chairmen, city hall employees and schools. It is in the process of identifying possible sites for composting and MRF. The project supported a trainers' training on composting at the University of Southern Mindanao in Kabacan.

Capacity building on IEC/social marketing, using the Al Khalifa sourcebook as key reference, is being planned for next quarter.

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

- While the scaling up strategy has worked in at least four provinces in terms of getting more LGUs assisted in preparing their SWM plans, there is limited capability in the PLGUs to bring the process to the implementation stage. SWM implementation requires a variety of skills and most PLGUs are not equipped to provide assistance to their LGUs in developing these skills. The capability building of provincial LGUs for scaling up will need to consider the development of some basic implementation-related skills from within the PLGUs and the establishment of linkages with other PLGUs and local service providers in the region for possible sharing of expertise and experiences.
- There are a number of LGUs in the EcoGov regions which have started the construction of their SLFs and are proceeding without proper supervision or monitoring by DENR. There is currently very low capability to supervise the development of SLFs from within the DENR field units and PLGUs. As part of its assistance package on SLF development, the EcoGov will organize a basic training program for DENR field staff and PLGUs to raise their understanding of the standards that they need to look at at the pre-, during, and post construction stages of SLF development.

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

- At least five LGUs meeting 25% diversion.
- At least seven SWM plans legitimized and ordinances issued
- Signing of Kidapawan City MOA for health care waste management
- Complete SWM cost recovery schemes and establish special accounts for SWM in 5-8 LGUs
- Technical assistance to at least 12 LGUs in Mindanao and Central Visayas on SLF design
- Complete EcoGov inputs to the review of the IRR of RA 9003 and the development of new guidelines
- Complete draft of WACS training modules and materials
- Complete simplified procedures for design of Category 1 and 2 SLFs
- Training for DENR and PLGU staff on monitoring SLF development and operations

## 2.5. Municipal Investments in Sanitation

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

Expected outputs in this sector for Quarter No. 15 were as follows:

**Table 6. WWM Expected Outputs for the Quarter**

| Expected outputs   | Status  |
|--|---|
| <ul style="list-style-type: none"> <li>MOA signing with Samal City and one other LGU</li> </ul>  | <ul style="list-style-type: none"> <li>MOA signing with Samal City delayed; MOA with three other Bohol LGUs in process</li> </ul> |
| <ul style="list-style-type: none"> <li>Completion of detailed engineering designs (DED) of WWTFs of Danao City and Gen. Santos City</li> </ul> | <ul style="list-style-type: none"> <li>Completion of Danao City DED delayed; Gen Santos DED completed</li> </ul>                  |
| <ul style="list-style-type: none"> <li>Turn-over of detailed engineering drawing and technical specifications</li> </ul>                       | <ul style="list-style-type: none"> <li>Turned over to BCCAP. Approval and funding pending</li> </ul>                              |
| <ul style="list-style-type: none"> <li>Approval of pilot desludging in Gen. Santos City</li> </ul>   | <ul style="list-style-type: none"> <li>Delayed. Ongoing discussions with GenSan Water District</li> </ul>                         |
| <ul style="list-style-type: none"> <li>Completed construction of ablution facilities of a mosque in Marawi City</li> </ul>                     | <ul style="list-style-type: none"> <li>Delayed due to change in site</li> </ul>   |
| <ul style="list-style-type: none"> <li>Start of construction of Kidapawan WWTF</li> </ul>  | <ul style="list-style-type: none"> <li>Under bidding</li> </ul>   |

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

- Three LGUs have met the project's performance indicator for investment in sanitation. These LGUs are: Kidapawan City (new WWTF for its existing slaughterhouse), Alabel (operation of its STF), and Bais City (WWTF for its new slaughterhouse). Both the Kidapawan and Bai City facilities are under bidding.
- With EcoGov's decision to give more support to the conservation of Davao Gulf's biodiversity, a WWM orientation was held in Samal City for selected Davao Gulf LGUs: Samal City, Digos City, Panabo City, Malalag, and Sta. Cruz. Three of the LGUs (Digos City, Panabo City, and Malalag) eventually submitted to EcoGov formal letters of interest to avail of EcoGov's technical assistance in both solid waste and wastewater management.
- Four WWM MOAs with LGUs and DENR were on process during the quarter: Samal City, Maribojoc, Talibon and Loboc. Signing of the agreements are programmed for next quarter. The draft MOA for Samal City includes technical assistance in SWM.
- A draft LGU WasteWater Assessment Manual was produced by EcoGov's Senior Urban Environmental Management (UEM) Advisor (Leo Larochelle). This will serve as guide to the LGUs in defining their priority assessment areas and in doing the actual assessment.

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

- Bais City was assisted in finalizing the WWTF design for its slaughterhouse. EcoGov conducted design workshops for the LGU together with DENR PENRO and ENRD. The draft design was further reviewed by the UEM Senior Advisor prior to its inclusion in the bidding for the construction of the new slaughterhouse.
- The WWTF design for the public market of Bais City has been deferred until the site for the facility has been decided on. The LGU has been given a list of the basic information that will be needed for the engineering design.
- Follow-ups were made with the Bayawan City team on the status of the collection of data needed for the design of the facility. The LGU committed to generate these data and complete the topographic map of the service area in July and the survey of practices and sanitary facilities in August.
- For Danao City, the LSP completed the concept design for the WWTF of the fishport., which, in previous meetings, the LGU chose as their top priority. The DED has not been pursued due to questions raised by some LGU officials on the suggested technology and the reported change in the priority of the LCE. The mayor now wants a design for a WWTF for the public market and slaughterhouse.
- EcoGov turned over to Bohol Concerned Citizen's Action for Progress (BCCAP) the design of the sewerage network connecting the housing units and the wastewater treatment facility and BCCAP has included this in their request for budget and approval of their workplan from World Vision Singapore. No decision has yet been made. The Dauis LGU also has not acted yet on BCCAP's development permit (they want to be assured that this project has funding) so this project has not moved.
- Three LGUs in Bohol (Loboc, Talibon and Maribojoc) requested technical assistance on WWM. MOAs between the LGU, DENR and the project were subsequently drafted and submitted to the LGU for review.

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

- Kidapawan City has started the pre bidding process for the construction of the WWTF of its slaughterhouse. The Project provided the LGU, for their consideration, a list of engineering firms trained by the Philippine Sanitation Alliance. The construction of this facility will be funded through a P5.9 million loan from the Development Bank of the Philippines.
- With the approval of its septage management ordinance, Alabel LGU has started its desludging services and the operation of its STF. However, since only about 2,100 households and establishments have desludgeable septic tanks, utilization of its trucks and STF is very low. EcoGov is assisting Alabel develop its IEC campaign (making use of barangay health worker) and the system for collecting fees to increase compliance with its ordinance. Despite its low utilization, Alabel is fast becoming a learning site for septage management in the region.
- The DED of the central market WWTF of Gen. Santos City has been reviewed by both the EcoGov and LGU teams and comments have been submitted to Basic Needs Service-Bremen

Overseas Research and Development Association (BNS-BORDA). The City Planning Officer of Gen. Santos City is working for the immediate allocation of funds for the construction of the facility and the needed improvement of the canal system within the public market.

- EcoGov facilitated the completion of the site development layout, detailed engineering plan and cost estimates of the irrigation system that will increase the ‘treatment time’ (and thus meet DENR standards) of the wastewater generated in Tacurong City’s slaughterhouse. The layout and plan was presented to the City Agriculturist and the City ENRO for approval and funding allocation.
- Discussions were initiated with Polomolok (South Cotabato), which has expressed interest to also go to WWM. Polomolok is considering initiating a septage management program using the Alabel STF for treatment. It also intends to build a WWTF for its public market.
- Due to social acceptability issues, the grant for the improvement of the ablution facilities of a mosque within the campus of the MSU was redirected to another mosque. The Masjid Addawah mosque is located in Brgy Dimalma. The barangay captain and the mosque elder have endorsed the project. With the completion of the design of the proposed facilities, construction was started in June. This facility is expected to be completed before the start of Ramadan in September.
- A WWM orientation was held in Samal City last April with Engr. Leo Larochelle as lead resource person. This was attended by Samal City, Digos City, Panabo City, Malalag, Sta. Cruz (all in Davao Gulf) and Lake Sebu (South Cotabato). DENR-EMB Region 11 took part in this activity and provided an orientation on the Clean Water Act. Focus of the activity was the conduct of a wastewater assessment to establish and “locate” the LGU’s WWM problems and needs. WWM was highlighted as a critical component to the conservation of biodiversity in Davao Gulf.
- The orientation was followed by a scoping done by the Mindanao UEM and CRM team to assess existing solid waste and wastewater management initiatives in the five LGUs and to orient them on the scope of Ecogov’s technical assistance. Digos City, Panabo City, and Malalag eventually submitted to EcoGov formal letters of interest to avail of EcoGov’s technical assistance in both solid waste and wastewater management.

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

- Expressed commitments of LGUs to support their WWM project have yet to be translated into actual budget allocations. Even those which are being provided assistance in the design of their facilities have yet to show concrete evidence that they will be able to move on to the actual implementation/construction of their facilities within the life of the project. The team will have to continue its lobby for the appropriation of the needed funds in the 2008 and 2009 budgets.
- A change in the priority of the LGU mid-way in the design phase has stalled project progress. It remains uncertain if the project will continue its assistance to the LGU. The team will secure a formal commitment from the LGU that it will actively seek funding for the project before any further assistance is provided.

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

- At least three LGUs with investments in sanitation
- Secure funding commitments for the WWTFs of GenSan, Tacurong City and Danao City
- Completion of the ablution facilities in Marawi City and turnover to the mosque administrator
- MOA signing with five LGUs in Davao Gulf and three LGUs in Bohol
- Completed assessments of five LGUs in Davao Gulf and two LGUs in South Cotabato, with priority projects
- Initial workplan with Sarangani PLGU for Sarangani STFs
- Training of LGUs, DENR, academic institutions and engineering firms on designing low cost WWM facilities

**2.6. Management and Administration**

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

Expected outputs in this sector for the Quarter No. 15 were as follows:

**Table 7. Management and Administration Expected Outputs for the Quarter**

| Expected Outputs   | Status   |
|--|--|
| <ul style="list-style-type: none"> <li>• Conduct a joint USAID, DENR, and EcoGov work planning for the next 3.5 years of the project (from July, 2008-October 30, 2011). The draft work plan will incorporate EcoGov response to the mid-term evaluation recommendations and milestones for the two-year option period extension.</li> </ul>   | <ul style="list-style-type: none"> <li>• Conducted an internal work planning for the next 3.5 years of the project as basis for regional consultations and joint workshop in July 2008.</li> </ul> |
| <ul style="list-style-type: none"> <li>• Organize and support the participation of mayors, LGU staff, DENR field staff, and EcoGov specialists in the upcoming Asia-Pacific Forestry Week in Hanoi, Vietnam (April 21-May 1, 2008)</li> </ul>  | <ul style="list-style-type: none"> <li>• Completed</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Engage STTAs to assist prepare training modules on environmental governance (tie-up with Ateneo de Manila School of Governance), prepare IEC and communication strategies responding to the EcoGov2 Mid-Term recommendations, and help the sector teams further improve wastewater management, business planning, and social marketing approaches.</li> </ul> | <ul style="list-style-type: none"> <li>• Ongoing</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Engage Christy Owen on a temporary duty (TDY) to work with EcoGov Admin and Finance staff. She will review the Grants and IQS process, participate in the EcoGov work planning for the next 3.5 years, assess relationships with sub-contractors, and re-align project budget to be consistent with the proposed 3.5-year EcoGov work plan.</li> </ul>        | <ul style="list-style-type: none"> <li>• Completed</li> </ul>  |

| Expected Outputs   | Status   |
|--|--|
| <ul style="list-style-type: none"> <li>Engage Allan James as STTA support for communications and social marketing in the UEM sector. He will review the EcoGov program's current communications/outreach and social marketing efforts, conduct interviews, revise communications plans with targeted LGUs, and assist the EcoGov team in designing test messages and other communications tools that can be tested with selected LGUs as part of a revised communications plan.</li> </ul> | <ul style="list-style-type: none"> <li>Delayed</li> </ul>  |
| <ul style="list-style-type: none"> <li>Engage Ioana Bouvier as an STTA spatial planning specialist to evaluate EcoGov, DENR and LGUs spatial data dissemination, analysis needs, and recommend applications using open source technology. She will introduce spatial planning applications and recommend the use of data sharing/Metadata services.</li> </ul>   | <ul style="list-style-type: none"> <li>In the month of July, 2008</li> </ul>   |
| <ul style="list-style-type: none"> <li>Transfer regional office in Zamboanga City to Pagadian City; and transfer the regional office in Cebu City to another location.</li> </ul>  | <ul style="list-style-type: none"> <li>Completed</li> </ul>  |
| <ul style="list-style-type: none"> <li>Train EcoGov staff, LGU and DENR field staff on technical writing and editing. The training will be held in General Santos City and Cebu City.</li> </ul>   | <ul style="list-style-type: none"> <li>Completed</li> </ul>  |
| <ul style="list-style-type: none"> <li>Participate in the upcoming Mindanao evaluation of all USAID projects in May 2008.</li> </ul>   | <ul style="list-style-type: none"> <li>Completed</li> </ul>  |
| <ul style="list-style-type: none"> <li>Continue to work with DENR FASPO in seeking an audience with DENR Secretary to discuss the findings and recommendations of the EcoGov2 Mid-Term Evaluation.</li> </ul>  | <ul style="list-style-type: none"> <li>Ongoing (Meeting with ASec for LGU Operations, Mr. Calderon)</li> </ul>                               |
| <ul style="list-style-type: none"> <li>Continue to firm up arrangement with DENR FASPO (with USAID approval) on how the EcoGov Project can collaborate with the World Bank-funded ENRMP in providing technical assistance and training support as part of the project's upscaling strategy.</li> </ul>   | <ul style="list-style-type: none"> <li>Ongoing; initial agreements will be included in the GoAd work plan for the next 3.5 years.</li> </ul> |
| <ul style="list-style-type: none"> <li>Discuss and finalize partnership arrangements with PTFCF and GTZ in planning and organizing thematic workshops or training activities on preparing and implementing FLUP, protected area management, and CBFM.</li> </ul>   | <ul style="list-style-type: none"> <li>Ongoing</li> </ul>  |

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

**Project Management**

- Engage several expat STTAs to help in project implementation. Mr. Leo Larochelle, a senior wastewater management advisor, worked with the UEM team in developing wastewater assessment methods as the project expands its WWM initiatives in Davao Gulf and Lake Sebu, South Cotabato. Ms. Christy Owen was assigned as the new EcoGov Project Administrator. She worked with the Grants and IQS manager assess the performance of grants and the IQS sub-contracts. She also helped the project refine its contracting procedures with suppliers of goods and services.
- The project engaged a media specialist to help in developing and carrying out media and advocacy campaigns in regions and in Manila.

- In early June, 2008, the Regional Coordinators (RCs), Sector Leaders (SLs), and Regional Specialists (RSs) held an internal work planning workshop for the next 3.5 years of EcoGov Project. The draft work plans by sector and by region were used by the team in holding regional consultations with implementing partners. The draft work plans were revised for presentation and discussion with DENR, USAID, and provincial ENROs in early July 2008. The EcoGov 3.5-year draft work plan has incorporated the EcoGov 2 Mid-Term Evaluation recommendations, DENR and USAID milestones, and implementation opportunities and constraints.
- The project continued to advertise and engage assisting professionals for the UEM and GoAd sectors especially for Mindanao offices.
- The project drafted SOWs for engaging UEM and GoAd Sector Leaders and CRM Coordinator. These positions will be advertised in national newspapers in the month of July.
- Last quarter, the Western Mindanao Regional Office finally transferred from Zamboanga City to Pagadian City. This move responds to the transfer of government regional offices to Pagadian City as the Region 9 capital. It is expected to improve coordination and be more responsive to the increasing work in Lanao del Sur and inland ARMM provinces.
- Last quarter, the Central Visayas Regional Office moved to a different location in Cebu City as part of the project's effort to reduce rental cost. The new site is also more accessible to project staff.

### **Project Expenditures**

- After 15 quarters of project execution out of a total planned 20 quarter life of the project, 75 percent of the performance period has elapsed and the project has expended 76 percent of total funds. Accordingly, both in terms of performance cost and schedule, the project is on track. On an individual CLIN basis, the project has slightly underspent in governance and municipal finance sectors; but, has slightly overspent in FFM, CRM and UEM as compared to the approved project budget of November, 2004. This reflects opportunistic redirection and re-alignment of funds to the components with greatest needs to achieve targets. Future disbursement in the governance CLIN will increase over the next few months as the project carries out activities under this item.

### **Small Grants Program**

- DAI received nine grant applications between April and June 2008, bringing the total grant applications to 161. The members of the Grants Review Committee met once during the period. The reduced number of meetings, however, was offset by the review of grant applications through e-mail. The grants administrator acted as the moderator for the exchange of e-mails. Through this process, 16 proposals were rejected and 15 were subjected to ground validations and further revisions. No grants were awarded during the quarter. As of June 2008, total grant awards amounted to Php12,061,174.
- Ms Christy Owen, the DAI Senior Development Specialist and Project Administrator, conducted key informant interviews and site visits to evaluate the implementation of the small grants. The results of the evaluation are contained in a separate report submitted to USAID. Among the major changes recommended is the creation of the matching grants for

LGUs who have allocated counterpart funds for the establishment of waste water treatment facilities. It was also recommended that a greater percentage of counterpart funds will be required from NGOs and academic institutions for livelihood and partnership-building activities. The small grants will be maintained for small POs engaged in community-based natural resource management activities.

**Table 8. Status of Grant Applications (as of June 30, 2008)**

| Status  | Previous Quarters | April – June 2008 | Total |
|---|-------------------|-------------------|-------|
| Total applications received under 2006 Annual Program Statement (APS) | 97                | 0                 | 97    |
| Rejected  | 68                | 0                 | 68    |
| Withdrawn/Cancelled   | 3                 | 0                 | 3     |
| Inactive for more than a year   | 2                 | 0                 | 2     |
| Negotiation   | 0                 | 0                 | 0     |
| Submitted to USAID  | 0                 | 0                 | 0     |
| Awarded   | 24                | 0                 | 24    |
| Total applications received under 2007 APS                            | 55                | 9                 | 64    |
| Rejected  | 25                | 16                | 41    |
| Withdrawn   | 2                 | 0                 | 2     |
| Under Review  | 20                | 15                | 15    |
| Negotiation   | 2                 | 0                 | 0     |
| Submitted to USAID  | 0                 | 0                 | 0     |
| Awarded   | 6                 | 0                 | 6     |
| TOTAL number of applications reviewed                                 | 152               |                   | 161   |

**Table 9. List of Grants Awarded as of June 30, 2008**

| 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<br>Current |
| • Friends of the Environment for Development and Sustainability, Inc.   | 1             | Northern Luzon                | Completed            |
| • Ilomavis-Balabag Ancestral Domain Claim (IBASMADC)                    | 1             | Southern and Central Mindanao | Completed            |
| • Institute For Small Farms Industries (ISFI)                           | 1             | Southern and Central Mindanao | Completed            |
| • Quirino Tribal Farmers Multipurpose Cooperative                       | 1             | Northern Luzon                | Completed            |
| • Tiruray Integrated Farmers Association                                | 1             | Southern and Central Mindanao | Current              |
| • Kadikitan Association for Community Development                       | 1             | Northern Luzon                | Current              |
| • Dumabel Upland Farmers Association                                    | 1             | Northern Luzon                | Current              |
| • Danao Atotes Matobato Multi-Purpose Cooperative                       | 1             | Central Visayas               | Current              |
| • Tana Ka Katugallan Nit Paa E Apo Sandawa (Association of 4Bs)         | 1             | Central Visayas               | Current              |
| <b>Total Number of Grants for FFM</b>                                   | <b>13</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  | 1             | Western Mindanao              | Current              |
| <b>Total Number of Grants for UEM</b>  | <b>6</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<br>Current |
| • 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            |
| • Notre Dame of Kidapawan College  | 1             | Southern and Central Mindanao | Completed            |
| • Philippine Muslim Women Council  | 1             | Western Mindanao              | Completed            |
| <b>Total Number of Grants for IEC/Advocacy</b>                               | <b>3</b>      |                               |                      |
| <b>Grand Total</b>   | <b>30</b>     |                               |                      |

### Indefinite Quantity Subcontract – Local Service Providers

- All 12 IQS holders were mobilized by June 2008. Five task orders were awarded during the reporting period, bringing the total value of amount obligated for Task Orders to PhP17.6 million. This amount represents 59% of the total IQS value.
- Around 62% of the Task Order value or PhP 11 million has been paid as of this reporting period.
- A new Task Order for Salonga Center for Law and Development – Silliman University is under negotiation.
- Due to the dismal turnout of proposals on the engineering component of sanitary landfills and waste water treatment facilities, DAI opted to open up the bidding for the preparation of detailed engineering designs and cost estimates for the sanitary landfills of Central Mindanao.
- The DAI Senior Development Officer recommended that the IQS of the 12 local service providers would no longer be renewed upon their expiration on March 30, 2009. Subsequent requests for local service providers will be filled up through open bidding.

**Table 10. Status of IQS (as of June 30, 2008)**

| <b>IQS 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. (FRENDS) | 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           | 2                               |
| 3841-001-06S-005  | Basic Needs Services Philippines, Inc.                                       | UEM           | 1                               |
| 3841-001-06S-006  | Tanggol Kalikasan, Inc. (TK)   | CRM           | 1                               |
| 3841-001-06S-007  | Institute for Small Farms and Industries (ISFI)                              | FFM<br>UEM    | 4<br>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<br>CRM   | 1*<br>1                         |
| 3841-001-06S-012  | SEA Consultants, Inc. (CSI)  | UEM           | 2                               |

\* Proposal under revision

### **Collaboration with other Donors, Projects, and Efforts**

- Collaborated with DENR-FASPO and the World Bank-financed ENRMP Project in exploring opportunities for the Project to advise ENRMP implementation through FASPO especially in developing the IEM framework and field implementation.
- Continued to work with PTFCF in searching for a suitable advisor to help PTFCF determine the most beneficial investment options for its fund. The project reviewed the SOW and will help in reviewing potential candidates. Eventually, the project will engage the advisor as one of its STTA consultants but will work directly with PTFCF.

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

- The project continues to seek suitable advisors to lead and manage the UEM and GoAd sectors. The team has interviewed referrals and screened several applicants. To date, however, the project continues to seek suitable candidates for the vacant positions. This situation has resulted in the heavy work load of several senior advisors and the increasing reliance of the project on IQS sub-contracts and short-term consultants. Over the next few months, the project will re-advertize and screen new sets of applicants for the vacant positions.

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

- Complete and submit the Year 5 Work Plan as part of the 3.5-Year Work Plan of the EcoGov Project.
- Engage the UEM and GoAd Sector Leaders.

- Prepare the SOW and engage local experts to update the biodiversity/tropical forest assessment that was prepared in 2004. If needed, prepare a SOW and engage an expat STTA/ biodiversity to help the team refine the updated biodiversity assessment report.
- Engage Ms Christy Owen to help the project re-align its budget, finalize the 3.5-year work plan, and revise the Small Grant and IQS programs.
- Engage an expat Geographical Information System (GIS)/Spatial Planning Specialist, three waste water management advisors, knowledge product management specialist, and communication specialist.
- Advertise and recruit a middle to senior level social marketing specialist, IEC assisting professional (AP) for Western Mindanao, APs for UEM in Southern and Central Mindanao and Western Mindanao.
- Facilitate the MOAs between Lanao del Sur, Sarangani, and South Cotabato, the EcoGov Project, and Ateneo University School of Government for the on-site piloting of MPM – Environmental Governance in these provinces. The provincial governments will cover at least 25-40% of the cost.
- Perform performance evaluation of all staff – administrative, finance, and long-term technical staff.
- Assist the DENR-FASPO in developing its IEM framework and PTFCF engage a suitable investment consultant.

**THE PHILIPPINE ENVIRONMENTAL GOVERNANCE 2 PROJECT**  
(EcoGov 2)

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