

Coastal Resource Management Project

Philippines

2003 ANNUAL REPORT

(JANUARY 1, 2003 THROUGH DECEMBER 31, 2003)

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CONTENTS

<u>Section</u>	<u>Page</u>
LIST OF ABBREVIATIONS AND ACRONYMS.....	v
EXECUTIVE SUMMARY.....	ES-1
1.0 INTRODUCTION AND OBJECTIVES.....	1
2.0 PROJECT RATIONALE AND APPROACH.....	3
3.0 TECHNICAL ASSISTANCE.....	5
3.1 NATIONAL IMPLEMENTATION.....	5
3.1.1 Policy and Institutional Development Component.....	5
3.1.2 Information, Education, and Communication (IEC).....	10
3.2 LOCAL IMPLEMENTATION.....	17
3.2.1 Municipal Water Delineation.....	18
3.2.2 Coastal Law Enforcement.....	20
3.2.3 Fisheries Management.....	22
3.2.4 CRM Monitoring and Evaluation System.....	27
3.2.5 Mindanao.....	31
4.0 PROJECT MANAGEMENT.....	35
4.1 WORK PLAN ACCOMPLISHMENT.....	36
4.1.1 Cost Control.....	36
4.1.2 Subcontractor and Individual Consultant Agreements.....	37

<u>Section</u>	<u>Page</u>
4.2 ACTIVITIES NOT ACCOMPLISHED AND WHY.....	40
4.3 ISSUES AND LESSONS LEARNED.....	40
5.0 PROJECT PERFORMANCE AND IMPACT.....	41
5.1 OVERALL STATUS OF WORK PLAN ACTIVITIES.....	41
5.2 PROGRESS IN MEETING PROJECT TARGETS.....	42
5.2.1 Strategic Objective Indicators.....	42
5.2.2 Intermediate Results indicators.....	43
5.3 IMPACTS OF ACTIVITIES ON PARTICIPATING ORGANIZATIONS AND AGENCIES.....	45
5.4 KEY ISSUES AND IMPLEMENTATION PROBLEMS.....	46
5.5 PROPOSED REVISIONS TO WORK PLAN SCHEDULE OR COST.....	46
6.0 SUSTAINABILITY.....	46

FIGURES

<u>Figure</u>		<u>Page</u>
ES-1	CRMP COMPLETION MAP.....	ES-2
ES-2	REVISED RESULTS FRAMEWORK FOR USAID/PHILIPPINES SO4 INDICATORS: COASTAL RESOURCE MANAGEMENT COMPONENT.....	ES-3
ES-3	REVISED RESULTS FRAMEWORK FOR USAID/PHILIPPINES SO4 INDICATORS: COASTAL RESOURCE MANAGEMENT PROJECT FOR EXTENSION PERIOD OF 2002-2004.....	ES-4
ES-4	KILOMETERS OF SHORELINE WHERE IMPROVED MANAGEMENT OF COASTAL RESOURCES IS BEING IMPLEMENTED.....	ES-6
ES-5	AVERAGE FOR SIX SITES INSIDE AND OUTSIDE OF MARINE SANCTUARIES.....	ES-7
ES-6	AVERAGE FOR SIX SITES INSIDE AND OUTSIDE OF MARINE SANCTUARIES.....	ES-8
ES-7	ANNUAL LGU BUDGET ALLOCATED FOR CRM IN CRMP LEARNING AREA MUNICIPALITIES.....	ES-9
ES-8	CRM ORGANIZATIONS FORMED AND ACTIVE.....	ES-9
ES-9	NUMBER OF LGUs IMPLEMENTING CRM BEST PRACTICES.....	ES-10
ES-10	STATUS OF CRM IMPLEMENTATION IN CRMP ASSISTED LEARNING AND EXPANSION AREA MUNICIPALITIES.....	ES-11
ES-11a	NUMBER OF MARINE SANTUARIES IN CRMP ASSISTED LGUS.....	ES-12
ES-11b	AREA IN HECTARES OF MARINE SANCTUARIES IN CRMP ASSISTED LGUS.	ES-12
ES-12	WIDESPREAD UTILIZATION OF LEGAL, JURISDICTIONAL, OPERATIONAL GUIDES, AND TRAINING MODULES DEVELOPED BY CRMP.....	ES-14
ES-13	HARMONIZATION OF NATIONAL CRM POLICY THROUGH NATIONAL GOVERNMENT AGENCY.....	ES-15

<u>Figure</u>		<u>Page</u>
1-1	REVISED RESULTS FRAMEWORK FOR USAID/PHILIPPINES SO4 INDICATORS: COASTAL RESOURCE MANAGEMENT PROJECT FOR EXTENSION PERIOD OF 2002 – 2004.....	2
2.1	AREAS TARGETED FOR CRMP ACTIVITIES.....	4

TABLES

<u>Table</u>		<u>Page</u>
3-1	POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT.....	5
3-2	IEC COMPONENT.....	11
3-3	IEC MATERIALS REQUESTED AND DISTRIBUTED FROM JANUARY 1, 2003 THROUGH DECEMBER 31, 2003.....	14
3-4	MUNICIPAL WATER DELINEATION	18
3-5	COASTAL LAW ENFORCEMENT.....	20
3-6	FISHERIES MANAGEMENT.....	22
3-7	CRM MONITORING AND EVALUATION.....	28
4-1	SUMMARY PERCENT OF TOTAL EXPENDITURES IMPLEMENTATION BY LEVEL AND ACTIVITY.....	36
4-2	SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS.....	37

Appendix

A	PERFORMANCE INDICATORS
B	MUNICIPAL COASTAL DATABASE FIELD SURVEY RESULTS
C	HISTORY OF COLLABORATION AND COORDINATION
D	LIST OF CRMP PUBLICATIONS
E	SUMMARY OF EXPENDITURES THROUGH DECEMBER 31, 2003 (USAID ONLY)

LIST OF ABBREVIATIONS AND ACRONYMS

ADB	Asian Development Bank
ARMM	Autonomous Region of Muslim Mindanao
BAS	Bureau of Agricultural Statistic
BEMO	Bohol Environment Management Office
BFAR	Bureau of Fisheries and Aquatic Resources
CCEF	Coastal Conservation and Education Foundation
CDSO	Coast and Geodetic Survey Department
CENRO	City Environment and Natural Resources Office/Officer
CEP	Coastal Environment Program
CITES	International Convention on Trade of Endangered Species
CLEAR7	Coastal Law Enforcement Alliance in Region 7
CLEC	Coastal Law Enforcement Council
CMMO	Coastal and Marine Management Office
CMMD	Coastal and Marine Management Division
CMMS	Coastal and Marine Management Section
CRM	Coastal Resource Management
CRMP	Coastal Resource Management Project (USAID)
CTP	Coastal Terminal Points
DA	Department of Agriculture
DA-BFAR	Department of Agriculture-Bureau of Fisheries and Aquatic Resources
DAO	Department Administrative Order
DENR	Department of Environment and Natural Resources
DILG	Department of Interior and Local Government
DGEPA	Davao Gulf Environmental Protection Alliance
DGMC	Davao Gulf Management Council
DOT	Department of Tourism
DTI	Department of Trade and Industry
ECOGOVS	EcoGovernance Project (USAID)
ELAC	Environmental Legal Assistance Center
FAD	Fish Aggregating Device

FASPO	Foreign Assisted Special Projects Office	-
FISH	Fisheries Improved for Sustainable Harvest Project (USAID)	-
FRMP	Fisheries Resource Management Project (ADB)	-
GDS	German Development Service	-
GIS	Geographic Information System	-
GOLD	Governance and Local Democracy Project (USAID)	-
GOP	Government of the Philippines	-
GTZ	Gesellschaft für Technische Zusammenarbeit	-
JICA	Japan International Cooperation Agency	-
IBP	Integrated Bar of the Philippines	-
ICM	Integrated Coastal Management	-
ICRMP	Integrated Coastal Resource Management Program	-
ICLARM	International Center for Leaving of Aquatic Management	-
IEC	Information, Education, and Communication	-
LGC	Local Government Code	-
LGSP	Local Government Support Program	-
LGU	Local Government Unit	-
LMB	Land Management Bureau	-
LMP	League of Municipalities of the Philippines	-
M&E	Monitoring and Evaluation	-
MCD	Municipal Coastal Database	-
MFO	Major Final Output	-
MIMAROPA	Mindoro, Marinduque, Romblon, Palawan	-
MOA	Memorandum of Agreement	-
MSU-GSC	Mindanao State University – General Santos City Foundation	-
NAMRIA	National Mapping and Resource Information Agency	-
NEDA	National Economic and Development Authority	-
NFRDI	National Fisheries Research and Development Institute	-
NGO	Non-Government Organization	-
NRMP	Natural Resources Management Program	-
NSAP	National Stock Assessment Project	-
NSO	National Statistic Office	-

NZAID	New Zealand Agency for International Development
PAMB	Protected Area Management Board
PAWCZMZ	Protected Area, Wildlife, and Coastal Zone Management Services
PAWD	Protected Areas and Wildlife Division
PBSP	Philippine Business for Social Progress
PCG	Philippine Coast Guard
PEDO	Police Environment Desk Office/Officer
PENRO	Provincial Environment and Natural Resources Office/Officer
PIA	Philippine Information Agency
PHILDHRRRA	Philippine Development of Human Resources in Rural Areas
PhilNAF	Philippine National Association of Fishwardens
PNP	Philippine National Police
PPDO	Provincial Planning and Development Office/Officer
RDC	Regional Development Council
SCORE	Siquijor Coastal Resource Enhancement Project
SMICZMP	Southern Mindanao Integrated Coastal Zone Management Project
TA	Technical Assistance
TWG	Technical Working Group
UNDP	United Nations Development Programme
UPV	University of the Philippines – Visayas
UPVFI	University of the Philippines – Visayas Foundation, Inc.
UP-MSI	University of the Philippines – Marine Science Institute
USAID	United States Agency for International Development
UWM	Unit of Work Measurement

EXECUTIVE SUMMARY

Background and Project Summary

The Coastal Resource Management Project (CRMP) Philippines is an 8-year (1996-2004) technical assistance project of the Department of Environment and Natural Resources (DENR), funded by the United States Agency for International Development (USAID), and implemented in partnership with the Department of Agriculture's Bureau of Fisheries and Aquatic Resources (BFAR), local government units (LGU), non-government organizations (NGO), and other assisting organizations. CRMP has been extended twice by USAID beyond the initial 5 years to the planned 8-year duration in consultation with DENR and in accordance with the recommendations of the mid-term evaluation conducted by USAID in December 1998 and internal discussion with USAID in June 2003.

CRMP provides technical assistance and training to national and local government, NGOs, and coastal communities in managing coastal resources. CRMP initially promoted multidisciplinary, multi-sectoral, multistage, and participatory processes of planning, implementation, and monitoring for sustainable coastal resource management (CRM) in six core "learning" areas composed of 29 municipalities and cities in 6 provinces (Figure ES-1). Expansion of the project's CRM initiatives has been promoted to other LGUs throughout the country through collaborative efforts with national government agencies (NGA), provincial governments, other projects, and organizations, such as the League of Municipalities of the Philippines (LMP).

Tetra Tech EM Inc. is CRMP's prime contractor and is supported by a technical team that includes U.S.- and Philippine-based subcontractors, and Philippine NGO and academic partners. Project implementation is also supported through cooperative partnerships with the U.S. Peace Corps, and related USAID-funded projects and grantees, including the EcoGovernance Project of USAID, Silliman University, and the U.S. Coast Guard.

As CRMP moves towards the end of the project, it is apparent, as detailed in this annual report, that CRMP has progressed substantially to facilitate collaborative coastal resource management. Through multiple partnerships, CRMP is building momentum across a broad spectrum of society using proven methods. As shown below, CRMP has accomplished all the targets set for the end of 2003.

Progress Toward Strategic Objective

USAID has identified six strategic objectives that contribute to the overall mission goal of the U.S. - Philippine partnership for democracy and development. CRMP contributes to coastal aspects of Strategic Objective No. 4: "Enhanced management of renewable natural resources" which has been changed to "Productive, Life-Sustaining Natural Resources Protected, Illegal Fishing Reduced." Based on USAID's Results Framework (Figure ES-2) revised December 1998 and utilized through 2002 and in Figure ES-3 (intended for the extension period of 2002-2004), CRMP has two indicators addressing Strategic Objective 4 (SO4): SO4 1 and SO4 2. The indicators and performance monitoring system developed to measure progress and success of CRMP's interventions for SO4 indicators and three intermediate results (IR)(old IRs and new IRs for 2002-2004), IR 1.1, IR 1.2, and IR 1.3 are discussed below.

Figure ES-2
Results Framework for USAID/Philippines SO 4 Indicators:
Coastal Resource Management Component

SO 4: Enhanced Management of Renewable Natural Resources

- Indicator 1: Kilometers of shoreline where improved management of coastal resources is being implemented (km of shoreline)
- Indicator 2: Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries (% change compared to baseline)

IR 1: Improved Coastal Resource Management

Improved Municipal Coastal Environment Management

IR 2: Improved Forest Resource Management

IR1.1

Improved Local implementation of CRM

- Indicator 1: Annual LGU budget allocated for CRM (Percentage increase compared to baseline)
- Indicator 2: Resources management organizations formed and active (*No. of organizations formed and active*)
- Indicator 3: No. of LGUs where best CRM practices are being implemented (*e.g. CRM plans adopted, fisheries and coastal management ordinances implemented, environmentally-friendly enterprises established; enforcement units operational, marine sanctuaries functional, mangroves under CBFMAs, municipal water boundaries enforced, other habitat protective measures and open access restrictions in place*)

IR1.2

Increased Awareness of CRM Problems and Solutions

- Indicator 1: Widespread availability and utilization of CRM guidance and training materials (*No. of government agencies and assisting organizations (academic and NGOs) utilizing CRM legal, jurisdictional, operational guides and training modules developed by CRMP*)
- Indicator 2: Public awareness of CRM issues (*% of survey respondents demonstrating knowledge of CRM problems and solutions*)

IR1.3

Improved Policy and Legal Framework

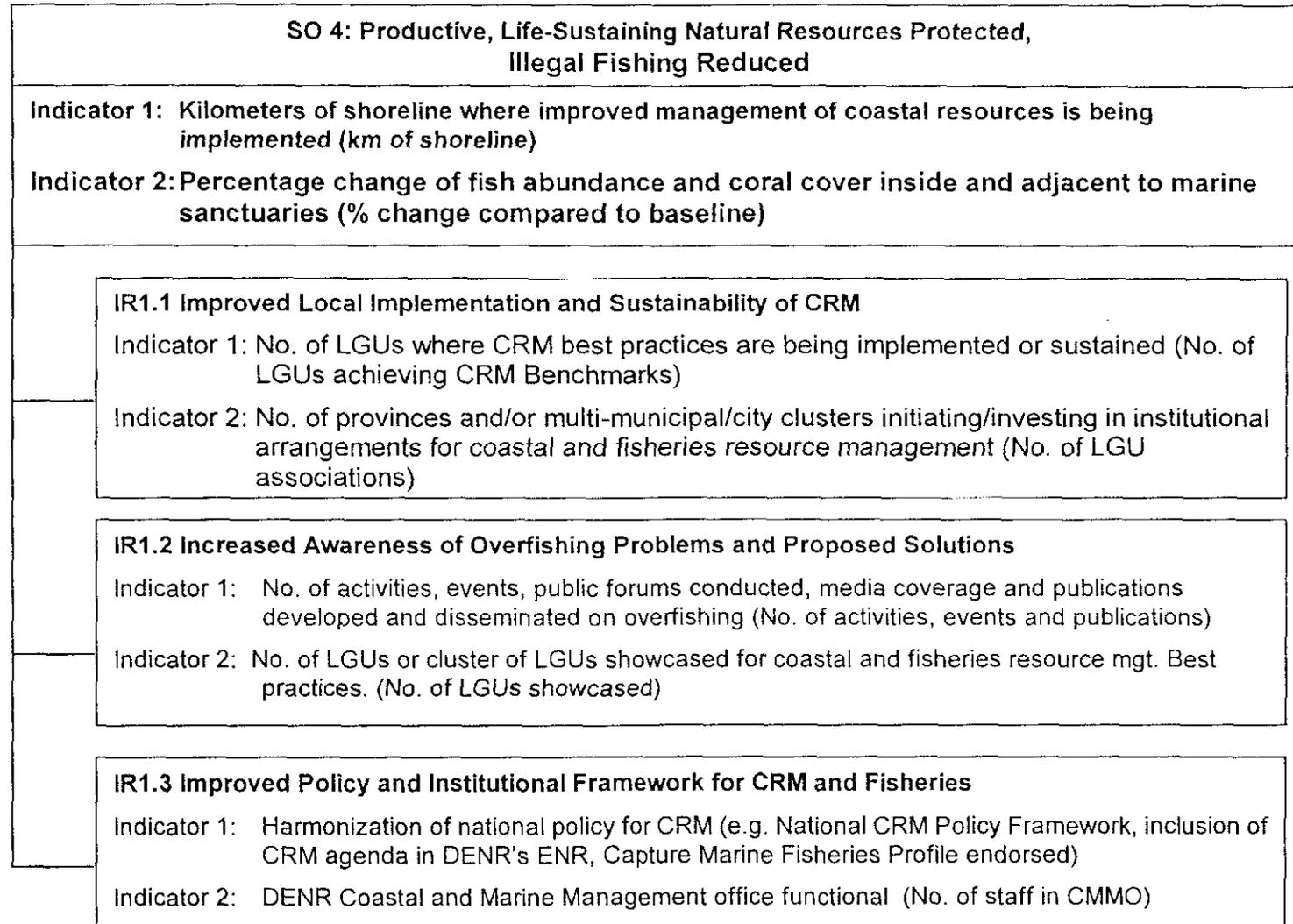
- Indicator 1: Adoption of sound CRM policies (*No. of adoptions of CRM guidances (e.g. legal and jurisdictional; integrated coastal management policies and procedures) by key national government agencies*)

Note: SO - Strategic Objective
 IR - Intermediate Result

CRMP Results Framework Revised: 12/31/03

Figure ES-3

Revised Results Framework for USAID/Philippines SO4 Indicators:
Coastal Resource Management Project for Extension Period of 2002 - 2004



ES-4

The SO4 1 target is "3,500 kilometers of shoreline where improved management of coastal resources is being implemented by the end of the year 2004¹." Improved management of coastal resources is measured primarily under IR 1.1 by three indicators (up to 2002) and two indicators for 2002-2004.

IR1.1 Improved Local Implementation of CRM (up to 2002)

- (1) Annual LGU budget allocated for CRM (*Percentage increase compared to baseline*)
- (2) Resource management organizations formed and active (*Number of organizations formed and active*)
- (3) Number of LGUs where best CRM practices are being implemented

IR1.1 Improved Local Implementation and Sustainability of CRM (2002-2004)

- (1) No. of LGUs where CRM best practices are being implemented or sustained
- (2) No. of provinces and/or multi-municipal clusters initiating/investing in institutional arrangements for coastal and fisheries resource management (No. of LGU associations)

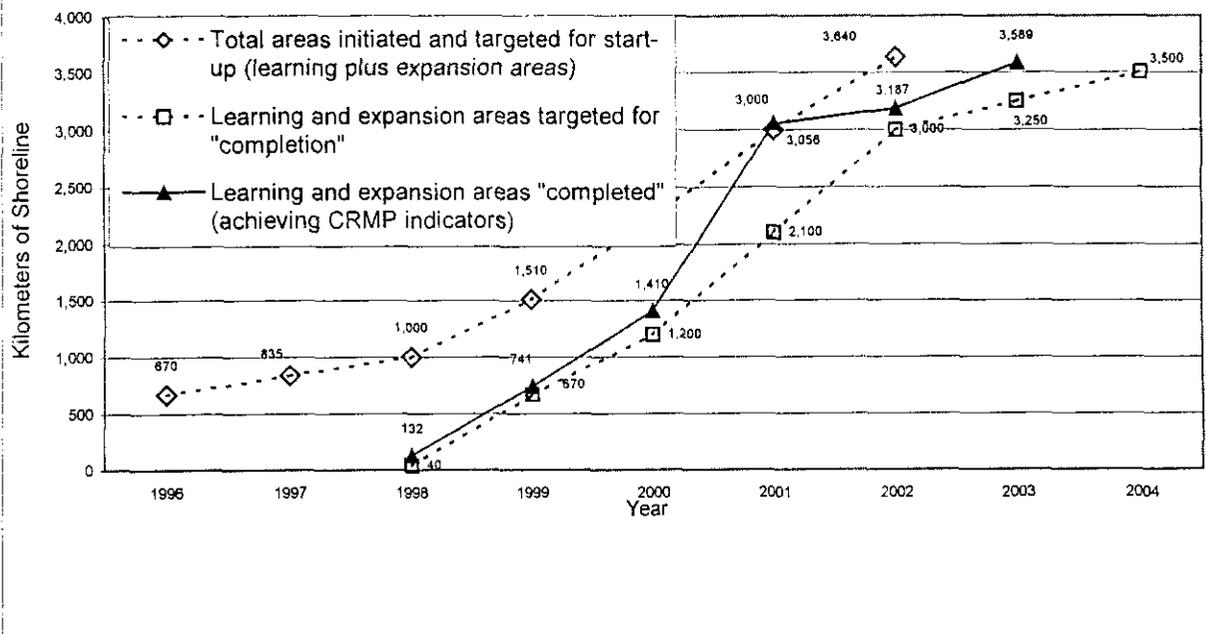
CRMP has developed a performance monitoring system called the Municipal Coastal Database (MCD) to track the progress and accomplishments of each LGU receiving technical assistance and training. The MCD was designed to serve the dual purpose of performance monitoring for both the project and LGU. An LGU must complete the specific set of requirements as prescribed in the IR1 indicators, to be counted under the SO4 indicator. Each LGU must: (1) be annually allocating budget for CRM; (2) have an active Municipal Fisheries and Aquatic Resource Management Council (MFARMC) that meets 6 or more times per year; and (3) be implementing one or more best CRM practices. A menu of best CRM practices is provided under IR 1.1 in Figure ES-2. The MCD and a systematic Monitoring and Evaluation (M&E) system is also used as a self-assessment tool by LGUs to assess the current status of CRM and plan and prioritize future activities.

SO4 1 *Kilometers of shoreline where improved management of coastal resources is being implemented*

A total of 113 learning and expansion area LGUs covering 3,589 kilometers of shoreline have met all indicators for improved management of coastal resources for the year ending 2003, exceeding the target of 3,250 kilometers of shoreline for year 2003. Project progress in meeting the targets for kilometers of shoreline under improved management is summarized in Figure ES-4 and detailed in Appendix A using the MCD.

¹ The 3,500 km target for 2004 reflects an increase of 500 km over the 3,000 km target of 2002.

Figure ES-4.
Kilometers of Shoreline where Improved Management of
Coastal Resources is being implemented



The 113 coastal municipalities and cities with all indicators completed are seen in Figure ES-1. Through collaboration with a number of key partners, CRMP has been able to replicate the approach for improved management of coastal resources by municipalities and cities in areas outside of the initial six learning areas of the project. Partnerships with the provinces of Masbate, Davao Oriental and several others have expanded the CRM process and benchmarks to entire provinces without major field interventions by CRMP. In addition, a partnership with the Coastal Conservation and Education Foundation, Inc. (CCEF) includes 14 municipalities in Cebu and Siquijor provinces that have accomplished CRM Level I benchmarks.

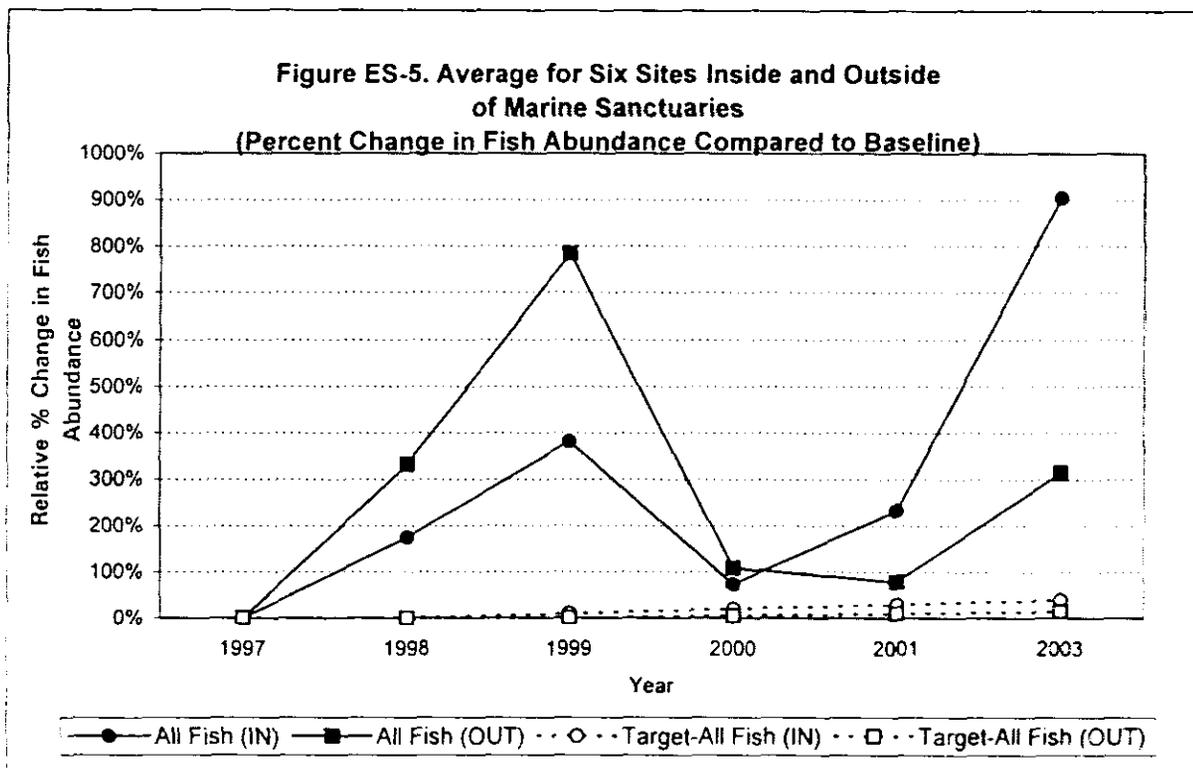
A collaborative arrangement was made with the USAID-funded Governance and Local Democracy (GOLD) project that ended in December 2000 that expanded CRM in the provinces of Negros Oriental, Bohol, Aklan, and Antique. A similar agreement with the Southern Mindanao Integrated Coastal Zone Management Project (SMICZMP) supported by the Japanese Government has ensured additional support in Davao del Sur and Sarangani provinces by making use of the CRMP-developed training modules, IEC materials, and the MCD. The use of CRMP's MCD and the M&E System enables collaborating projects to contribute to and report accomplishments under a common set of indicators.

SO4 2 *Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries*

Biophysical impacts of improved local implementation of CRM are measured using standardized monitoring methods developed in partnership with the University of the Philippines-Marine Science Institute (UP-MSI). Annual assessments of fish abundance

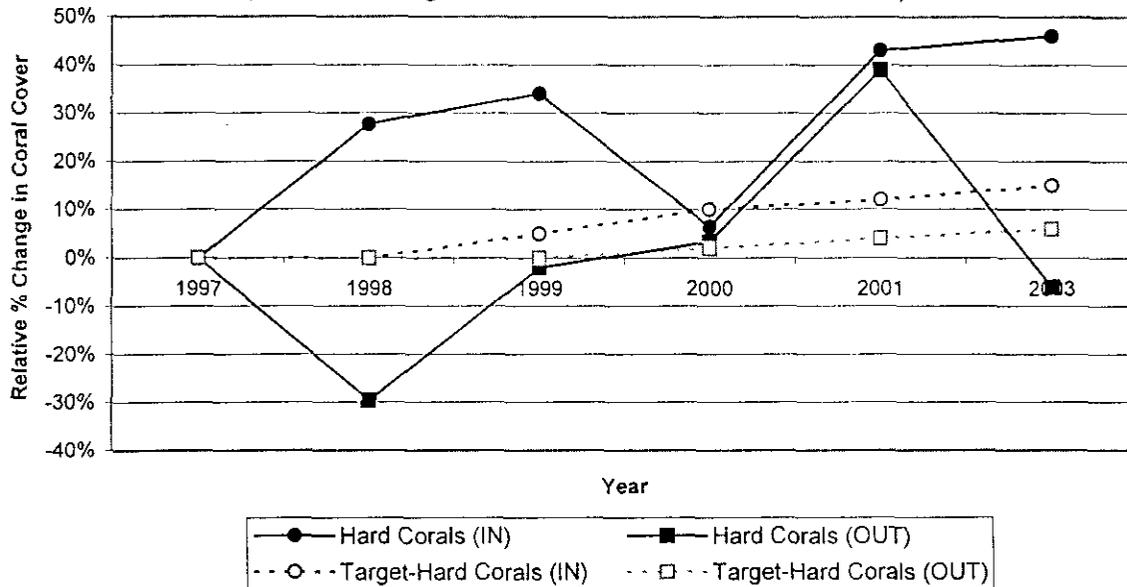
(focusing on key fish families that are commonly targeted for harvest) and live coral cover are conducted in six marine sanctuaries, one in each learning area.

The results of surveys conducted in 2003 compared to the original baseline (detailed in Appendix A) show fish species abundance increased some 905 percent above the baseline inside marine sanctuaries (versus a 2003 target of 40 percent) and 314 percent above the baseline adjacent to marine sanctuaries (versus a target of 15 percent). These high percentage changes reflect the success of the sanctuaries in relation to the relatively low baseline figures for fish populations due to the degraded and poorly managed condition of these sanctuaries during the baseline year (1997), as shown in Figure ES-5.



Live hard coral cover increased 46 percent above the baseline inside marine sanctuaries (versus a 2003 target of 15 percent) and decreased -6 percent below the baseline adjacent to marine sanctuaries (versus a target of 6 percent; Figure ES-6). Record high tropical sea surface temperatures during the 1997-1998 El Niño event resulted in coral bleaching throughout coral reefs in the Philippines as well as the Indo-Pacific Region. In 1999 and 2000 unusually heavy rains persisted in many areas of the Philippines and localized outbreaks of the coral eating, Crown-of-thorns starfish, *Acanthaster*, were noted. Years 2001-2003 were relatively healthy years for coral reefs without any outstanding natural perturbations. Changes in living coral cover in sanctuaries monitored by CRMP, although influenced by these large-scale climatic events as reflected in the declines of 1999 and 2000, have recovered for the most part. Overall, the strength of management activities in marine sanctuaries monitored in CRMP learning areas is increasing with active community involvement and is being reflected in the quality of the coral reef environment.

Figure ES-6. Average for Six Sites Inside and Outside of Marine Sanctuaries
(Percent Change in Coral Cover Relative to Baseline)

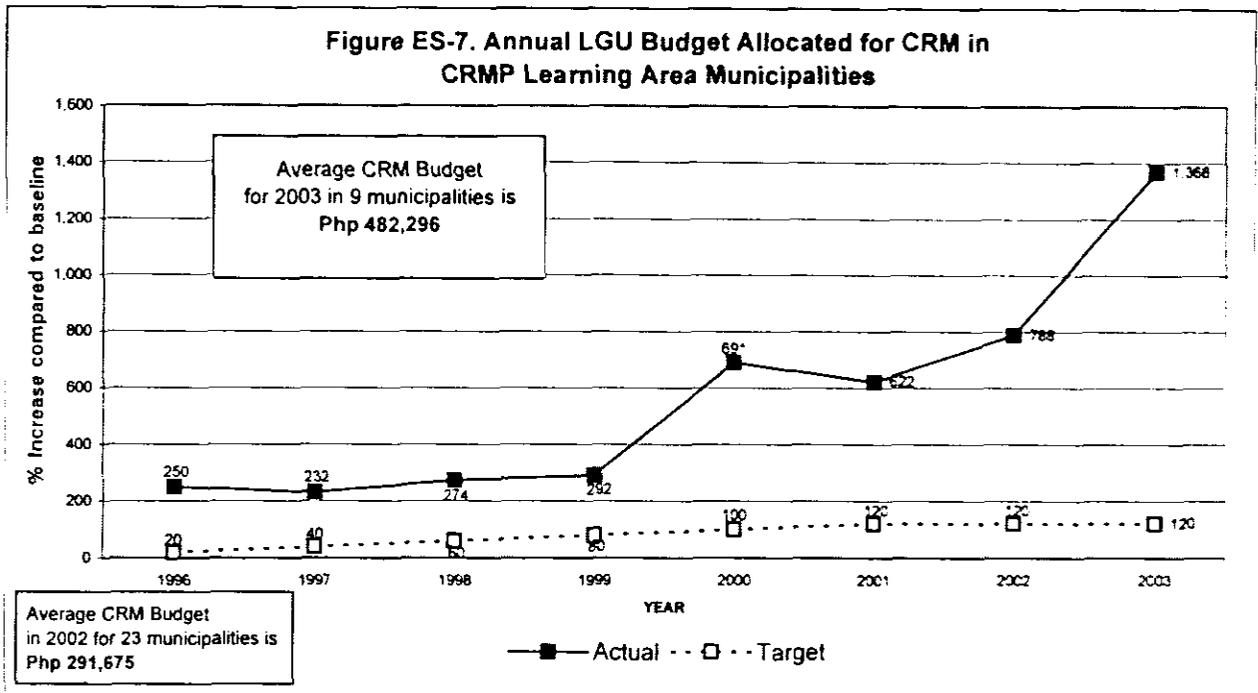


Progress in Meeting Intermediate Result (IR) Indicators

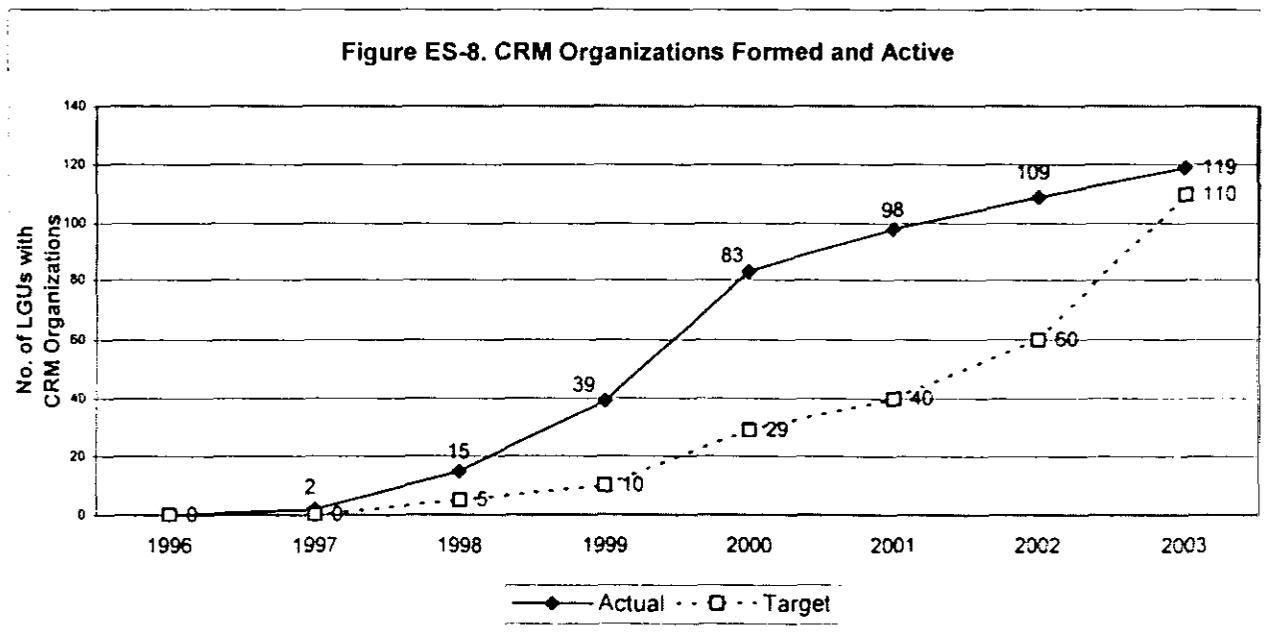
In support of the project's Strategic Objective, significant progress was realized during 2003 in meeting each of the project's IR indicators, as documented in Appendix A and summarized in the following sections.

IR 1.1 Improved Local Implementation and Sustainability of CRM

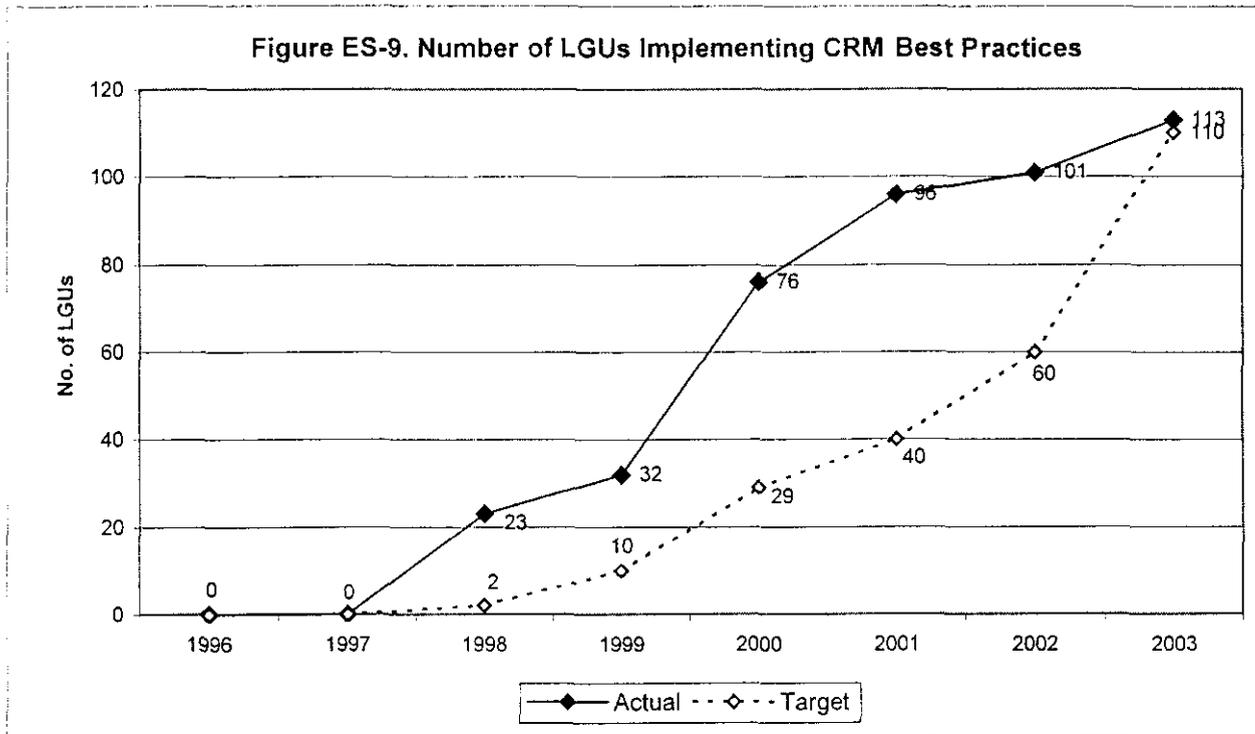
Annual LGU budget allocated for CRM: The number of LGUs allocating an annual budget for CRM and the amount of these allocations continued to increase during 2003 (Figure ES- 7). For example, in 1995, 10 out of 29 LGUs in the CRMP learning areas reported that they allocated an annual CRM budget. At present, all 29 learning area and 88 expansion-area LGUs report allocating such a budget. From reported baseline budgets, average annual CRM budgets have increased some 1,368 percent for municipalities for 2003 (an average CRM budget of P482,296).



Resource management organizations formed and active: The project assisted in organizing or strengthening Municipal Fisheries and Aquatic Resource Management Councils (MFARMC) in all 29 learning area municipalities as well as in 88 expansion area LGUs. To be considered "active," each MFARMC must formally meet at least 6 times a year (Figure ES-8). CRMP has also assisted in organizing and strengthening barangay-level FARMCs (BFARMC) and Bantay Dagat, or local coastal law enforcement groups.



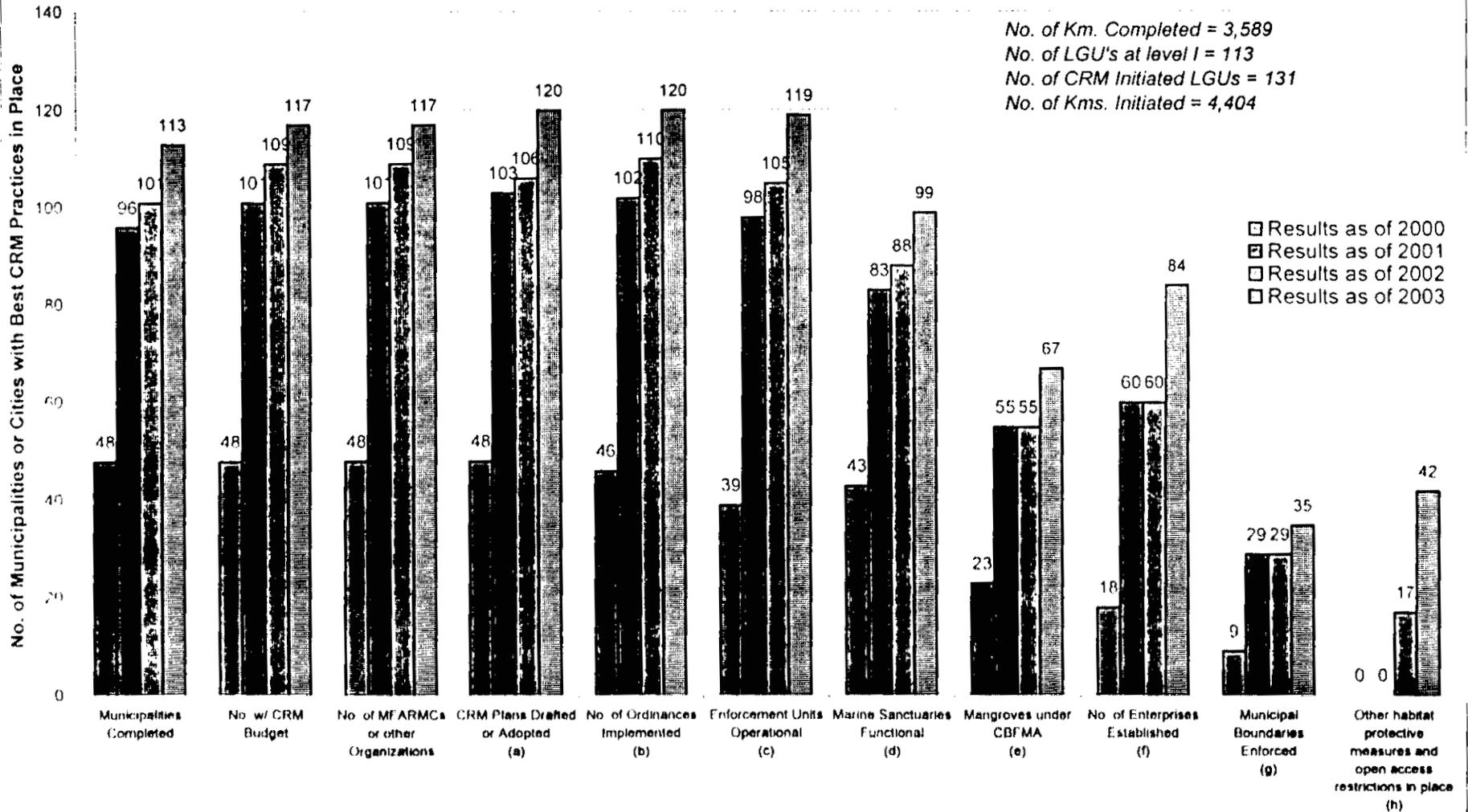
Best CRM practices are being implemented: A total of 113 LGUs were implementing two or more CRM best practices by the end of 2003 (Figure ES-9).

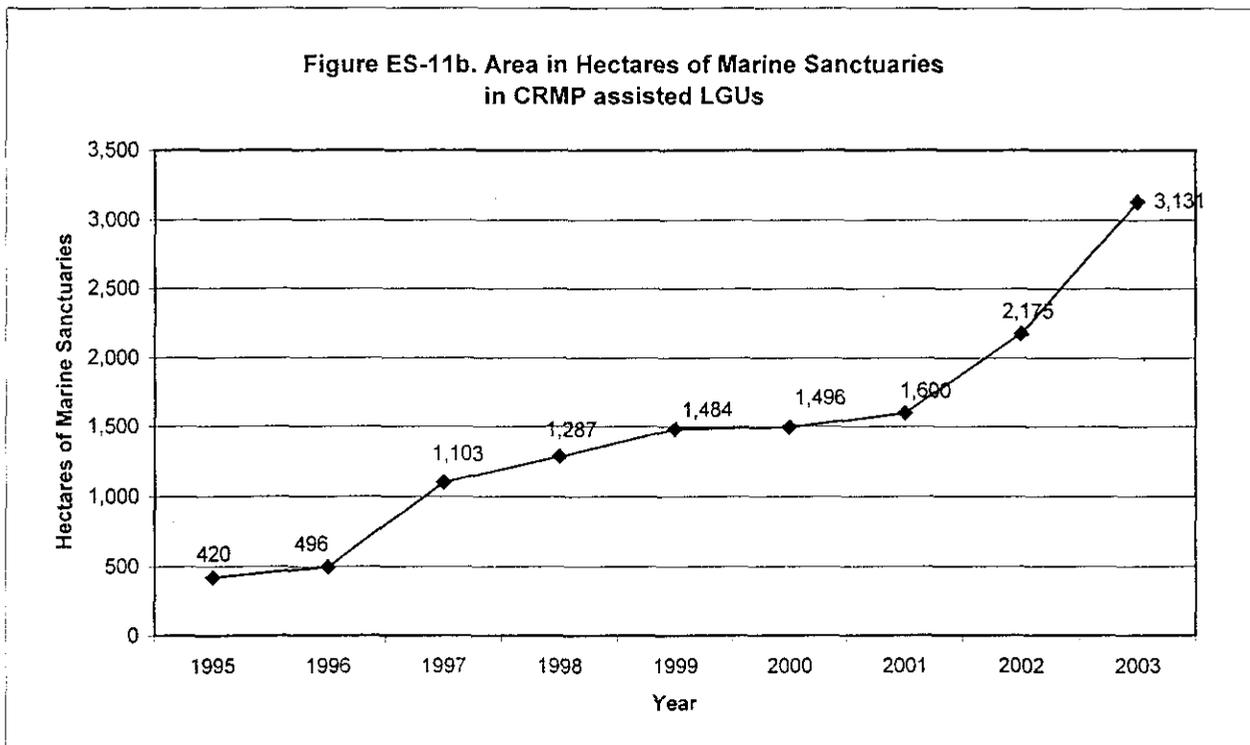
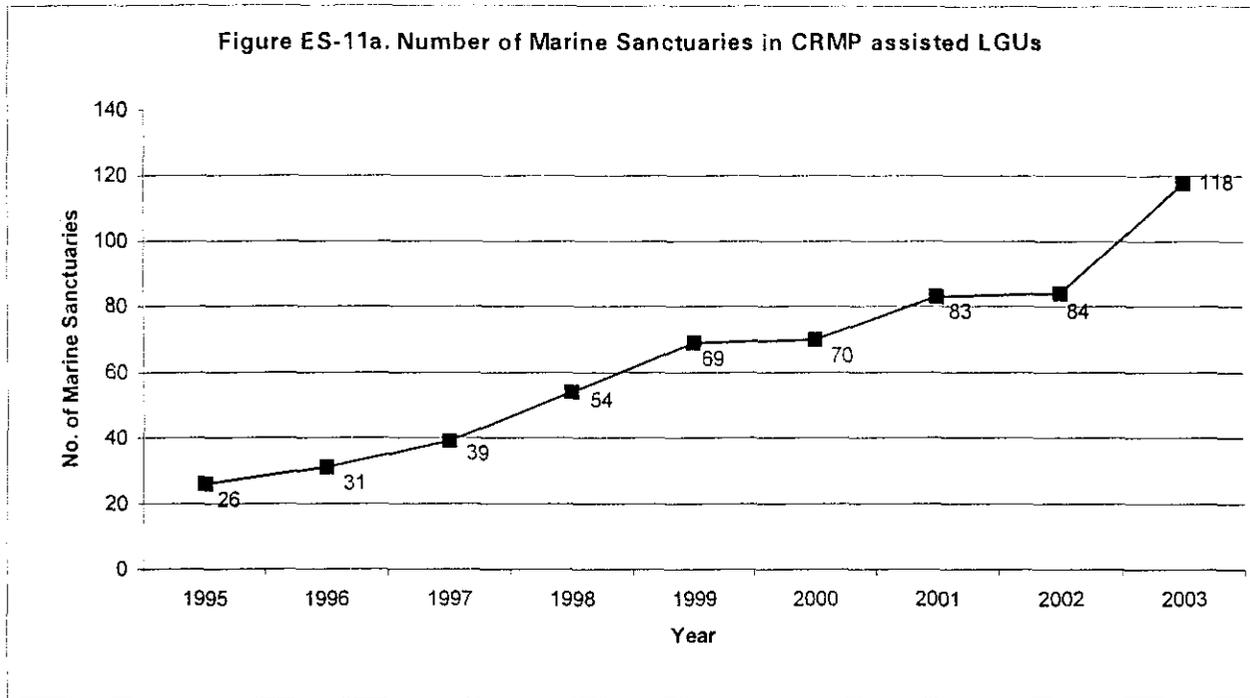


Examples of best practices implemented in 2003 include (see Figure ES-10):

- CRM plans were adopted by most LGUs that had not already done so.
- 118 marine sanctuaries were established or assisted covering over 3,131 ha (not including the 6500 ha Port Barton Marine Park that is not all sanctuary and includes open-water areas) of coral reef and sea grass habitat, within the CRMP learning areas since 1996 (Figure ES-11). In comparison, the pre-project baseline was 26 marine protected areas in these same LGUs prior to 1996 most of which were not functional. The project assisted to strengthen the management of these protected areas, which involved the development of supporting ordinances and management plans in partnership with other organizations.

Figure ES-10
 Status of CRM Implementation in CRMP Assisted Learning and Expansion Area
 Municipalities (December 2003)





Note: The following MPAs are not included in the computation of area covered:

1. Port Barton Marine Park - 6,500 ha
2. Apo Island Protected Landscape and Seascape - 691.5 ha
3. Tubbataha Reef National Marine Park - 33,200 ha
4. Sarangani Seascape - 34,500 ha
5. Talibon Group of Island Protected Landscape and Seascape - 6,455.9 ha

- Environment-friendly and community-based coastal enterprises were established in 23 LGUs over the course of the project and include activities such as eco-tourism and diving tourism, seaweed farming, oyster culture, and other forms of mariculture, supported by ICM planning, management guidelines, and market linkages.

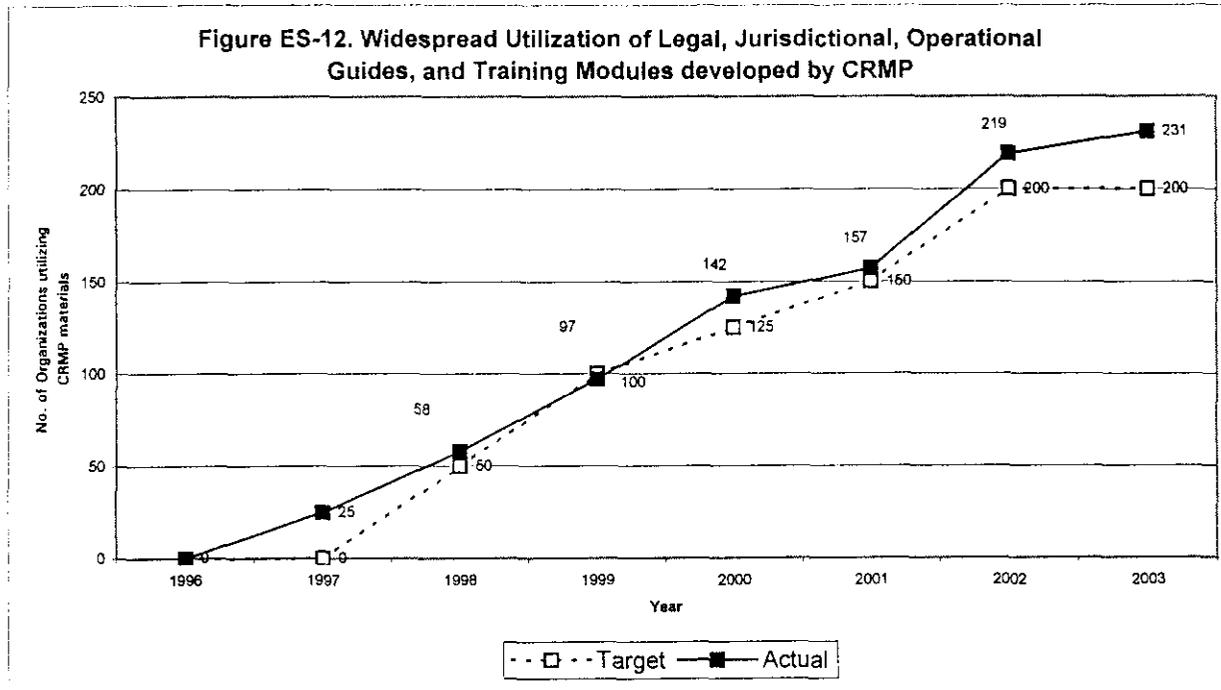
Provinces and Multi-LGU Clusters Investing in Coastal and Fisheries Resource Management

Eight LGU associations were actively initiating and investing in CRM and fisheries management at the end of 2003, two more than targeted. These eight clusters include coastal law enforcement organizations in Region 7 (three in Bohol and two in southern Cebu), plus CLEAR7 and two similar organizations operating in the Davao Gulf. The areas assisted by these organizations can be seen on Figure ES-1.

IR 1.2 Increased Awareness of CRM Problems and Solutions

Widespread utilization of legal, jurisdictional, operational guides, and training modules: As detailed in Appendix A, CRMP guides and training modules are actively being utilized by 231 organizations, including 17 NGAs, 131 LGUs, 12 donor agencies and donor-assisted projects, 44 NGOs, 21 academic institutions, 4 People's Organizations, and 2 private sector organizations (Figure ES-12). Representative activities supporting the utilization of CRMP products include:

- Distribution of the Philippine Coastal Management Guidebook Series to LGUs and NGAs by the Coastal and Marine Management Office (CMMO) of DENR
- Strengthening channels for national institutionalization of CRMP training materials continued through donor-assisted projects, agencies, and organizations including the ADB-assisted FRMP, SMICZMP operating in 20 LGUs and through the design process of the new ADB supported ICRMP in 6 provinces
- Provision of available publications upon request to a large variety of Philippine institutions and individuals



Public awareness of overfishing and CRM issues: Extensive surveys for this indicator were conducted in 1999 and 2000 and reported in 2000. More than 30 key activities and publications were completed during 2003 to support public awareness of fishery and CRM issues such as:

- Conduct of a series of forums in Region 7 and at the national level on various aspects of fisheries management, including overfishing, and the recognition of a problem in licensing vessels
- Assisted to formulate and air a series of radio plugs and several television programs
- Facilitated fisheries profile for Region 7 and two bays in southern Mindanao
- Facilitated numerous trainings and events together with the Philippine National Police, the Philippine Coast Guard, and MARINA enforcement groups focused on CRM
- Launched "Philippine Fisheries in Crisis" book
- Worked closely with the League of Municipalities of the Philippines to ensure continued support for municipal water boundary delineation and movement of a national ICM policy
- Distribution of about 50,000 publications and materials during the year

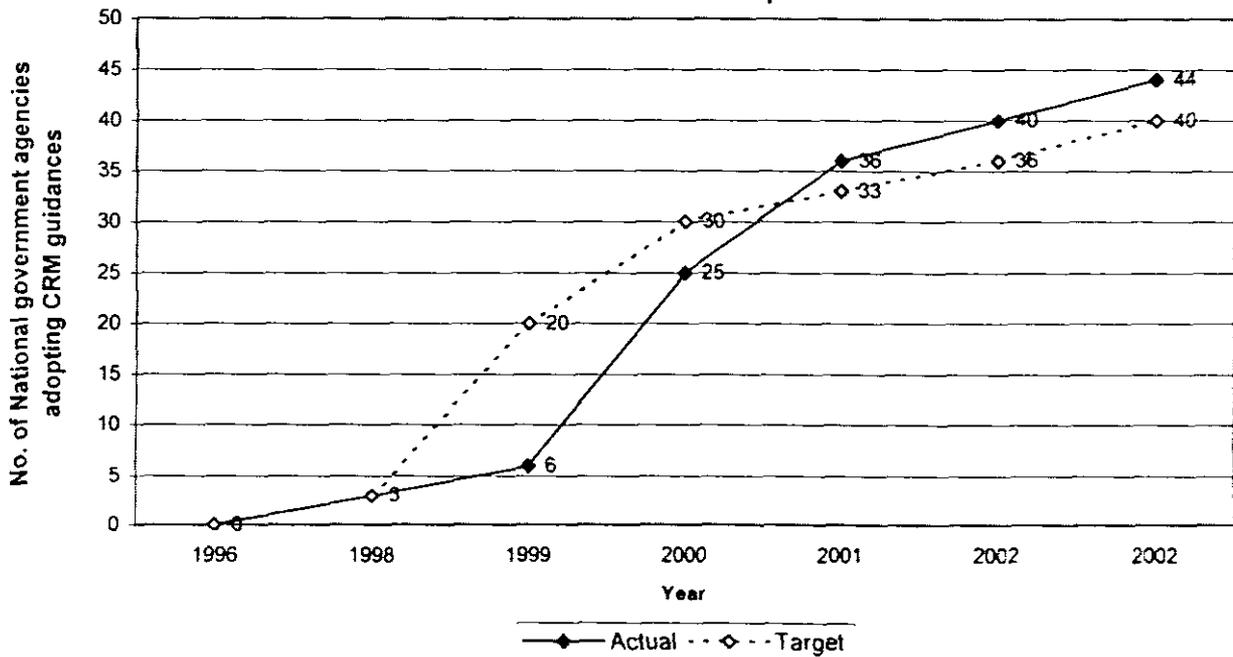
The project also completed the design and initial implementation of seven CRM and fisheries resource management showcase tours in five provinces. These tours highlight

ongoing successes of LGU CRM and fishery management programs that can now be accessed by any interested group from other parts of the Philippines or by international study groups. These also provide income for the tour organizers (mostly LGUs and communities) and a source of pride in their CRM related accomplishments.

IR 1.3 Improved Policy and Legal Framework

Harmonization of national policy for CRM: As detailed in Appendix A, the project continued to contribute towards this indicator through the number of adoptions of CRM guidance materials and training modules by key government agencies. During 2003, the cumulative number of adoptions of CRM policies, guidance documents, and training modules rose to 44 exceeding the target of 40 (Figure ES-13). New adoptions included a MOA launching the Police Environment Desk Officer operation nationwide; adoption of the framework for Monitoring and Evaluation of LGU CRM Plans and Implementation; and the memorandum banning the importation of ammonium nitrate industrial grade.

Figure ES-13. Harmonization of National CRM Policy through National Government Adoption



Finally, the Coastal and Marine Management Office (CMMO) of the DENR became significantly stronger during 2003 as many local and national staff were trained and the number of permanent national staff rose to 10. The CMMO was also assured of being maintained as an autonomous office under the Secretary of DENR so that its key functions of coordination within DENR and among partner agencies and with LGUs could be maintained and strengthened. It can now provide a home for future CRM and ICM activities of DENR that require multi-agency and multi-sector coordination and participation.

Progress of Key Implementation Activities

CRMP works at both the national and local levels simultaneously. A major thrust of CRMP in 2003 has been focused on the completion of the National Marine Capture Fisheries Profile and the profiling of selected project sites under the project's Fisheries Management Component. Likewise, the showcasing tours for ongoing and successful CRM and fisheries management interventions have been completed for selected sites.

A summary of key accomplishments of all project components during 2003 follows:

Key Accomplishments of the Policy and Institutional Component:

- Assisted CMMO in formulating an action plan for each policy concern under the newly formulated policy agenda
- Assisted CMMO in determining specific research activities including, but not limited to, foreshore areas and assessment of PAMB managed seascapes
- Facilitated conduct of licensing workshop with BFAR, focusing on inventory of fishing vessels and the moratorium on issuance of new fishing boat licenses
- Facilitated conduct of Foreshore Management Workshop in Mindanao

Key Accomplishments of the IEC Component:

- Developed an exhibit at SM Cebu in line with the celebration of the Month of the Ocean with the theme "Local Government and Communities Moving Ahead in Coastal Resource Management"
- Developed features stories and press releases for various CRMP activities
- Jointly produced two television episodes ABS-CBN Sineskwela on the problem of overfishing the importance of MPAs
- Conducted dry runs of the seven CRM Learning Destination areas
- Developed various IEC materials in support of CRMP's components

Key Accomplishments of the Municipal Water Delineation Component:

- Assisted the southeastern cluster of Cebu LGUs in finalizing maps and technical descriptions as a prerequisite to filing of resolutions
- Provided support to continuing consultations on the issuance of technical guidelines by the Department of Agriculture and assisted NAMRIA with a national database tracking system

Key Accomplishments of the Coastal Law Enforcement Component:

- Provided technical assistance to Mindanao and Cebu teams for conduct of law enforcement trainings
- Provided assistance to Philippine National Association of Fishwardens (PhilNAF) on formal reporting of violation of fisheries laws
- Provided technical assistance to CLEAR7 in support of the implementation of the International Convention on the Trade of Endangered Species (CITES) and conduct of its IEC campaign.

Key Accomplishments of the Fisheries Management Component:

- Conducted writeshops and editors' meeting for the drafting of the National Marine Capture Fisheries Profile
- Published "Fisheries in Crisis" book
- Assisted BFAR 7 on packaging National Stock Assessment Project (NSAP) report
- Expanded focus in Mindanao to include profiling of Sarangani Bay in addition to Ilana Bay
- Assisted BFAR NFRDI in conducting the countrywide dry run of NSAP presentation

Key Accomplishments of the Monitoring and Evaluation (M&E) Component:

- Published the M&E Guidebook and distributed to LGUs nationwide
- Conducted workshops in five provinces to improve LGU skills in MCD utilization
- Provided assistance to coordinators in processing LGU certifications in regions 7 and 11
- Provided assistance in the packaging of CRM plans for Cebu municipalities

Key Accomplishments for Mindanao Implementation:

- Strengthened the CRM implementation in Davao del Sur by assisting the Provincial Technical Working group in the conduct of field assessment of the MCDs in the LGU level; provincial MCD workshop; facilitation of M&E and CRM certification process in all learning area municipalities; facilitation of the coastal and fishery law enforcement training for Davao del Sur PANIF-TF (Provincial Anti-illegal Fishing Task Force); and the development of the mangrove management training design for Sulop Municipality

- Technical assistance to the Provincial CRM TWG of Sarangani Province in the installation of the provincial MCD, assessment of MCD and systems at the municipal level
- ICM training of DENR-CMMD and CMMS staff of DENR regions 11 and 12
- Technical assistance to the Davao Oriental Provincial TWG in the conduct of the Integrated CRM planning workshop and assistance to the Municipality of Mati
- Technical assistance to the Davao Gulf Management Council
- Finalized subcontract for Davao Oriental State College of Science and Technology
- Finalized drafts of the Fisheries Profiles of Sarangani and Illana Bays
- Assisted the regional, municipal, and community partners in the development of CRM showcase tour activities
- Established collaboration with EcoGovernance Project in the conduct of assessment and planning workshop for municipal fisheries management in Davao del Sur and for profiling Illana and Sarangani Bays

Building Sustainability in CRM

This year was extremely busy for the CRMP in launching several new activities in fisheries management in Mindanao and in Region 7 and within the IEC component of the project. Several major publications are being prepared that will summarize the results of fishery profiling at the national level and set the policy tone for improvements in fisheries management. IEC activities, through CRM showcasing, are focusing on the successes of CRM field interventions so that the lessons learned will encourage more replication all over the country.

All the project activities are now oriented towards building sustainability of the existing CRM implementation in CRMP learning and expansion areas as well as nationwide. Those interventions crucial to ensuring long term support for CRM include: promotion of the M&E guidelines for CRM at the Municipal and City level of government; assisting local level management in those areas where demand is high; promoting coastal law enforcement in Regions 7 and 11; strategic training within the CMMO of DENR; CRM showcasing; highlighting the policy issues affecting fisheries management; and continued emphasis that all interventions have adequate counterpart of local and national government to ensure transfer of expertise and ability to manage activities without the presence of CRMP staff and support.

1.0 INTRODUCTION AND OBJECTIVES

Tetra Tech EM Inc. (Tetra Tech) received United States Agency for International Development (USAID) Contract No. 492-C-00-96-00028-00, Coastal Resource Management Project (CRMP) on March 21, 1996, to provide technical assistance to the Government of the Philippines (GOP) in coastal resource management. The 7-year project (1996-2002) is guided by broad objectives, which require a flexible project design to achieve. The 2-year extension phase of CRMP (2002-2004) builds on and strengthens priority thrusts to enhance sustainability and to leverage investments made with existing and proposed CRM programs of the Government of the Philippines.

USAID's overall mission goal target is "Sustainable Economic Growth Accelerated and Poverty Reduced." Strategic Objective (SO) 4 is "Productive, Life-sustaining Natural Resources Protected" and highlights "Illegal Fishing Reduced." CRMP's results framework contributing to SO 4 is shown in Figure 1-1 and includes the following:

"Coastal resources along 3,500 km of shoreline under improved management by the end of the year 2004"

The two primary indicators of this result are:

1. Kilometers of shoreline where improved management of coastal resources is being implemented
2. Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries

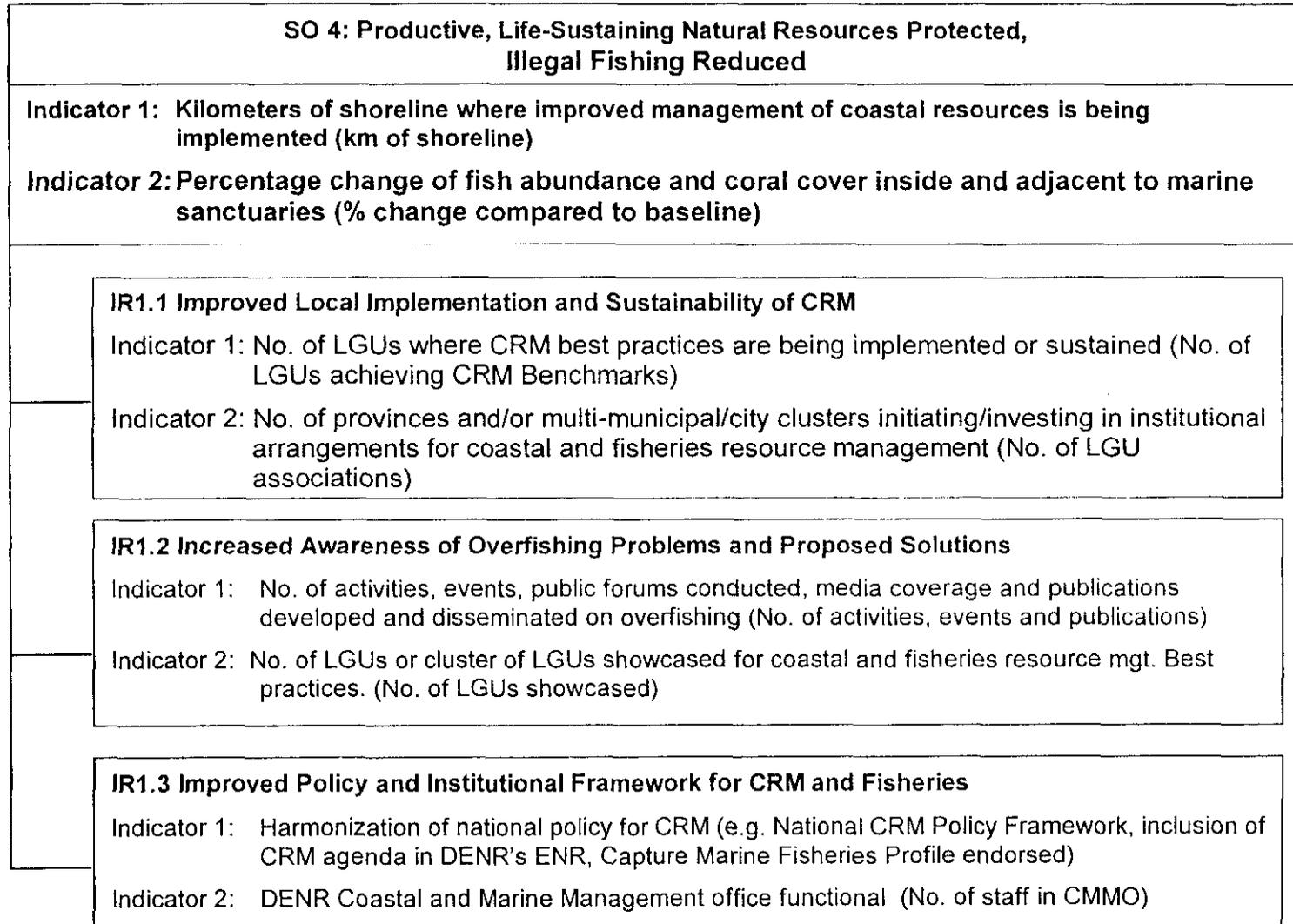
Upon request of DENR, USAID extended CRMP from July 1, 2002 to June 30, 2004. An extension work plan was prepared and finalized after receiving comments from stakeholders, the implementing agency and USAID.

This report covers the period January 1, 2003 to December 31, 2003, and reports progress based on targets identified in the July 1, 2002 to June 30, 2004 work plan.

Activities of the extension period are organized by Task or Component Leaders. The major tasks are: Policy and Institutional Development; Information, Education, and Communication (IEC); Municipal Water Delineation and Enforcement; Fisheries Management; and CRM Monitoring and Evaluation.

Figure 1-1

Revised Results Framework for USAID/Philippines SO4 Indicators:
Coastal Resource Management Project for Extension Period of 2002 - 2004



2.0 PROJECT RATIONALE AND APPROACH

CRMP was created to address a variety of basic issues, which are causing the overuse and degradation of Philippine coastal resources. These issues, briefly stated below, are:

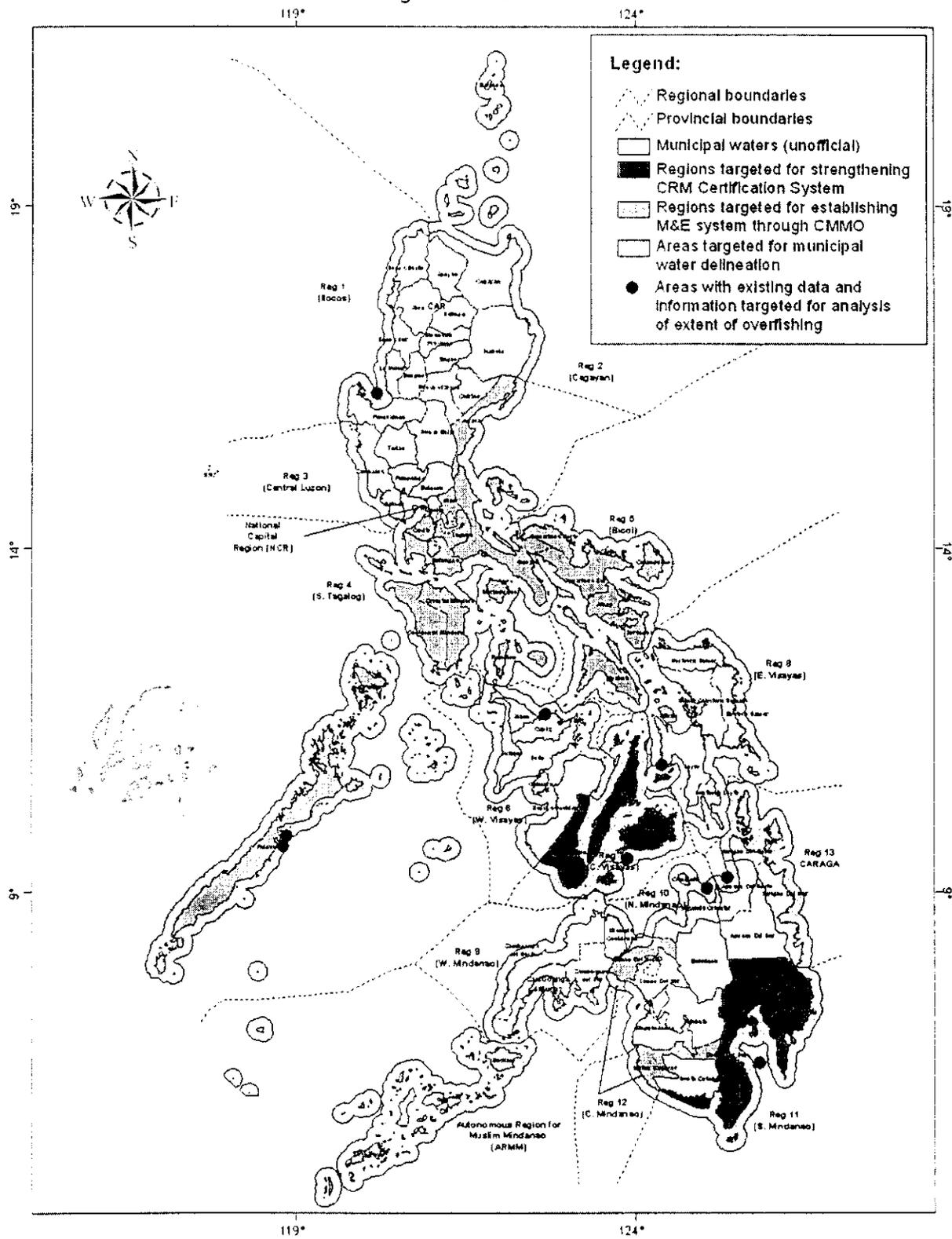
- Local governments are not yet effective at managing their jurisdictional areas for coastal resources under the Local Government Code (LGC).
- CRM and fisheries policies and the roles of various national and local agencies involved are not clear among all participants in CRM planning and implementation.
- Human resources to plan and implement CRM are not sufficiently developed.
- Slow economic development in coastal areas increases pressure on fisheries resources.
- Market failures in the coastal resource economy perpetuate poverty and promote overfishing and inappropriate use of coastal habitats.
- De facto open access system causes overexploitation of most coastal resources.
- Low productivity resulting from habitat destruction, pollution, and overexploitation decreases economic benefits from coastal resources.
- Loss of marine and coastal biodiversity, which is irreversible, continues.

The CRMP approach is to work at both local and national levels to improve formulation and implementation of national and local laws and policies. It provides technical assistance in many strategic ways to improve the capacity of human resources and institutions to address the need of improved coastal management in the country.

Activities that will have potential impact on a national scale are described under the section on national implementation. Field-based activities are described under the section on local implementation. Figure 2-1 provides a map showing areas targeted under CRMP activities.

CRMP activities in the past 8 years have yielded much greater involvement of a number of coastal municipalities managing their coastal resources. As of December 31, 2003, 3,589 km of shoreline representing 113 municipalities and cities have achieved indicators for improved management of coastal resources, exceeding performance targets.

Figure 2.1
Areas Targeted for CRMP Activities



3.0 TECHNICAL ASSISTANCE

3.1 NATIONAL IMPLEMENTATION

All project activities that will have potential impact on a national scale are included under the national implementation level. The main thrust of these activities is to promote improved national policies and laws on CRM and increased awareness of CRM problems and solutions.

3.1.1 Policy and Institutional Development

The Policy and Institutional Development Component focuses on promoting national policies that will improve coastal management nationwide and on strengthening national government agency technical assistance and support to sustain local CRM initiatives. Policy initiatives include activities to identify priority policy issues and seek national adoption of the draft national CRM policy. This component has assisted the Coastal Marine Management Office (CMMO) to develop its policy agenda to harmonize conflicting CRM-related issuances within the DENR. Initiating strategic policy activities to address overfishing is also central to this component. CMMO has been capacitated in preparation for the \$US40 million ADB-supported Integrated Coastal Resource Management Project (ICRMP) for DENR that will start in 2005 and builds on CRMP, FRMP, and other CRM-related program accomplishments and the National CRM Policy. The component also assisted CMMO to improve the delivery of CRM technical assistance to LGUs and to install an information management system. A major objective was to assist the CMMO (national) and CMMD (regional level) become an established and functional office in the DENR with a strategic plan formulated, national coastal database developed, CRM-related training conducted, and IEC materials distributed through CMMO and CMMD. This component contributes directly to IR1.2 (Indicator 1) and IR1.3 (Indicators 1 and 2).

Table 3-1 provides a summary of the 2002-2004 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed; O = ongoing activities) of the Policy and Institutional Development Component by quarter.

**TABLE 3-1
POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT
2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Provide policy assistance to CMMO through the conduct of policy research and coordinative activities at the national level								

TABLE 3-1 (continued)
POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1.1 Develop policy research agenda								
• Draft SO designating CRM focal persons for the different bureaus			C					
• Conduct 2-day workshop to develop policy research agenda			C					
• Advisory assistance to CMMO staff to pursue research agenda				O	O	C		
1.2 Assist CMMO to review and adopt the National CRM policy	O	O	O	O	O	C		
1.3 Assist CMMO implement provisions of DA-DENR Joint MOA 01, 2000								
• Convene policy TWG of DENR			O					
• Hold preliminary meetings at DA-BFAR				O	C			
• Provide advisory assistance in the implementation of agreements					-	-		
1.4 Assist interagency group to develop guidelines on demarcation of boundaries of municipal waters								
• Conduct interagency meetings involving key agencies			O	-	-	-		
• Disseminate guidelines to all LGUs through DILG or LMP memo								
2. Conduct strategic studies to enhance the policy environment for addressing the overfishing issue								
2.1 Assist BFAR licensing division to draft strategic plan for licensing of fishing boats								
• Conduct policy study on current licensing practices			O	O	C			
• Convene workshop to formulate licensing policy					C			
2.2 Conduct policy/economic studies relevant to the fisheries profile			O	O	C			
3. Assist to strengthen the CMMO, CMMD, and CMMS offices in other regions								
3.1 Assist in the assignment/designation of qualified personnel at CMMO	O	O	O	O	C			

TABLE 3-1 (continued)
POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
3.2 Capacitate CMMO staff to assist CMMD and CMMS in servicing other regions		O	O	O	O	C		
3.3 Assist CMMO, CMMD, and CMMS develop IEC and capacity building program			O	O	O	C		
3.4 Assist CMMO establish a national coastal database building from the MCD				O	O	O		
3.5 Assist in the development and review of the 5-year Strategic Plan				O	O	C		
4. Enjoin national and regional governments and civil society in the conduct of a conference to facilitate showcasing of the lessons from CRM in the Philippines								
4.1 Conduct planning meetings with partners			O	O	O	O		
5. Assist CMMD and CMMS of regions 7 and 11 to become functional offices, i.e. CMMD and CMMS delivering TA to municipalities								
5.1 Conduct CMMD/CMMS orientation workshops for regions 7 and 11		O	O	C				
5.2 Conduct selected CRM-related training activities for CMMD/CMMS in regions 7 and 11			O	O	O	C		
5.3 Assist CMMD 7 and 11 formulate regional operations plan and implement activities (e.g. CLEAR 7), monitoring and evaluation (e.g. certification) and information management (e.g. MCD, IEC program)			O	C				
5.4 Transfer regional level MCD to CMMD 7 and 11			O	O	O	O		
5.5 Coordinate coaching and mentoring assistance to CMMSs in regions 7 and 11			O	O	O	C		
6. Assist other components in related institutional development programs								

TABLE 3-1 (continued)
POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
6.1 Assist Coastal Law Enforcement component in institutional development			O	O	O	C		
6.2 Assist CMMD and BFAR in the formation of local JRTs to conduct joint activities			-	-	-	-		

3.1.1.1 Work Plan Accomplishments

Major accomplishments under the Policy and Institutional Development Tasks during the 4th Quarter 2003 include the following:

Assistance to CMMO on Policy

- Participated in the regional and national consultations of the draft Philippine Sustainable Archipelagic Development Framework to ensure that key concerns in the draft NCRMP are incorporated into the current policy initiative.
- Assisted LMP in designing and facilitating the Inter-agency Workshop for CRM, which was participated by national government agencies and selected coastal municipalities. The workshop resulted in the subsequent drafting of the Executive Order (EO) adopting Integrated Coastal Management and encouraging LGUs to allocate CRM budget. The draft EO has already undergone a series of technical reviews and is now scheduled for deliberation by the National Anti-Poverty Commission *En Banc*.

Assistance to Strengthen CMMO, CMMD and CMMS Offices in Other Regions

- Organized and conducted the 5-day ICM Short Course nationwide (except regions 6 and 7) with funding from CMMO. The participants were exposed to participatory coastal resource assessment and planning process resulting to the formulation of a CRM plan of the study site. The training also featured presentations of coastal and marine related programs and strategies of other DENR bureaus as well as BFAR to demonstrate some areas of interface and collaboration for CRM. Below is the regional breakdown of CMMS/CMMD staff who participated in the training.

Regions	Number of Participants
1	16
2	18
3	21
4a	7
4b	27
5	18
6	-
7	17
8	12
9	14
10	22
11	30
12	10
13	25
NCR	5
ARMM	20
Central Office	4
Total	266

- Coached the CMMO's information management unit on the operations and maintenance of the municipal coastal database (MCD) particularly on the aspects of consolidation of data files submitted by the regions. To date, 230 municipalities have been recorded in the MCDs covering 7 regions nationwide.

Assistance to CMMD and CMMS of regions 7, and 11 to Become Functional Offices

- Continued providing coaching and mentoring assistance and acting as resource persons to CMMS and CMMDs in regions 7, 11, and 12 in implementing respective CMMS work plans particularly in the facilitating PCRA, CRM Planning, MPA Establishment and Management, Foreshore Management, M&E, and MCD. The technical assistance for CMMS covered 23 CENROS in 3 regions.

3.1.1.2 Activities Not Accomplished and Why

The project planned to convene inter-agency meetings to develop guidelines on demarcation of boundaries of municipal waters. This was not pursued since the municipal water delineation activities took another track following the revocation of the guidelines. As an alternative, CRMP worked on avenues and forums to ensure that the guidelines would be subsequently reissued.

CRMP's assistance to develop a national coastal database for CMMO was not accomplished. The focus of this intervention was shifted to enabling LGUs, CMMSs, and CMMDs to operate and maintain the current MCD system, as this would be the primary

input to the national coastal database. In lieu of this, CRMP assigned personnel to coach CMMO staff who is responsible for the maintenance of the database.

3.1.1.3 Issues and Lessons Learned

The need for the immediate adoption of the National CRM Policy or its equivalent is of paramount importance to provide thrust and direction and establish coherence of various initiatives in coastal and marine areas. Several institutional and implementation issues remain subsisting due to the absence of this policy. If adopted, this policy would legitimize and sustain the CRM programs of LGUs and would establish institutional support systems at the national level that would provide continued assistance to LGUs with common focus and direction.

Understanding the people, the bureaucracy and its systems such as planning, budgeting and monitoring and evaluation systems of a government agency such as DENR expedites the institutional development process and accelerates uptake of structural reforms. The *institutional development for CMMO met some challenges like limited staff and budget allocation, as well as instability of the institutional arrangements within the department.* Nevertheless, these challenges albeit at times become constraints, should not hinder the pursuit of institutional development activities as some of these issues are inherent in the *government bureaucracy.* Hence, structural reforms were pursued like aligning the CRM benchmarks to the MTPDP and the DENR's Major Final Output (MFO) indicators for coastal and marine sector, if only to mainstream CRM and make a dent in the department. The designated field staff were then trained focusing on achieving the results defined in the MTPDP and MFO. Given the performance-based and results-oriented attitude of most of field staff, effective delivery of CRM technical assistance to LGUs is very feasible.

3.1.2. Information, Education and Communication (IEC)

This component supports all aspects of CRMP through various IEC activities. Under the IEC Component and in coordination with policy and fisheries management components, scheduled work plan activities targeted establishing public and government perception of overfishing as a national economic and food security concern in the country. The IEC Component also showcased CRM best practices as learning destinations and promoted the CRM Certification System to enhance sustainability of these interventions.

Table 3-2 provides a summary of the 2003 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed activities; O = ongoing activities) of the Information, Education and Communication Component by quarter.

TABLE 3-2
IEC COMPONENT
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Conduct IEC campaign on overfishing in support of policy reviews and reforms in collaboration with EcoGov			O	O	O	O		
2. Package and popularize fisheries profile and policy reform results for public dissemination in collaboration with EcoGov					O	O		
3. Package learning/study destinations showcasing CRM best practices for learning exchange in selected areas in Mindanao, Visayas and Luzon <ul style="list-style-type: none"> • Identify and scope possible locations to be packaged • Conduct strategic planning workshops in partnership with LGU • Develop presentation packages 	O	O	O	O	O	O		
4. Develop and publish a Directory of CRM Learning Destinations		O	O	O	O	O		
5. Develop and produce IEC materials on overfishing, coastal law enforcement and fisheries management best practices	O	O	O	O	O	O		
6. Develop and produce fisheries management materials designed for Muslim Mindanao					O	O		
7. Package and publish selected IEC materials for dissemination through CMMO/CMMD	O	O	O	O	O	C		
8. Conduct IEC training for CMMO/D staff			O	O	C			

3.1.2.1 Work Accomplishments

Major accomplishments of the IEC Component during the 4th Quarter 2003 include the following:

- Developed and promoted a total of five CRM Showcase Tour packages: (1) Masbate, which was launched in September 2003; (2) Davao Provinces, which was launched in November 2003; (3) Bohol, also launched in November 2003; (4) Negros Oriental, and (5) San Vicente, Palawan. Unfortunately, due to funding and time constraints, activities to develop and implement a Sarangani Province CRM Showcase Tour and CRM Interpretive Center had to be cancelled.
- Facilitated the production of three 2-minute features, shown nationwide on the "Sidetrip" segment of Saksi (GMA-7). Media value is estimated at about P100,000. The features highlight the destinations included in the Masbate CRM Showcase Tour, which focuses on the theme "Masbate's CRM approach is determined by the dynamic interplay of its geophysical features, current coastal use and issues, and various human activities affecting the coastal zone." This theme is built on Masbate's provincial physical framework plan, which is anchored on the environment as the basis of all policy, investment and management decisions, and actions in Masbate Province.
- Facilitated a visit of Probe Productions to some showcase sites in Bohol, Negros Oriental, and Cebu. This resulted in the airing of special features on these sites on Cheche Lazaro Presents and Art Is-Kool (GMA-7), generating a media value of about P200,000.
- Organized and coordinated the launching of the Davao CRM Showcase Tour, which also served as the venue for turning over the operations and management of the tour to the Davao City Tourism Operations Office. About 25 invitees, including media representatives, joined the launching. The tour was subsequently featured in major regional dailies and ABS-CBN.
- Completed production of brochures, laminated information sheets, and other materials for use in the showcase tours. These materials have been turned over to the "tour operators" in the showcase areas, including Masbate City, Davao City, Bohol Province, and Dumaguete City.
- Completed production and printing of "Modeling the Way: Lessons in Developing Capacities of Coastal Management in the Philippines," and distributed 500 copies to key partners, including LMP, USAID, and DENR. The publication chronicles the achievements and lessons generated by CRMP from 1996 to 2003, and measures these against the targets expected of the project by its clients, including donors and LGUs. It also examines the many tasks that still face the government and civil society at both

the national and local levels, and what it will take to bring CRM in the Philippines to full maturity.

- Completed production of the CRM Learning Destinations Directory, with printing and distribution scheduled for January 2004. The directory features the CRM Showcase Tours that CRMP helped develop, including Bohol, Negros Oriental, Cebu, Masbate, Davao Provinces, Sarangani Province and San Vicente, Palawan. It also includes a listing of about 80 municipal local governments with ongoing CRM initiatives to provide info leads to LGUs and organizations looking for study sites to visit.
- Facilitated strategic action planning exercises in Masbate and Bohol to guide the operation and management of the CRM Showcase Tours. In Masbate City, the team also conducted a brainstorming and action planning workshop focused specifically on the operation of the Masbate CRM Interpretive Center. The center continues to attract visitors from across the province, as well as students from mainland Bicol, with highly positive reviews from visitors, including members of the media. (Howie Severino, in a report aired on GMA-7's "Saksi," described the center as "probably the best nature museum I have visited in all the provinces I've been to.")
- In preparation for the launching and turn-over of the Bohol CRM Showcase tour, the team prepared interpretation support materials (brochures, laminated information sheets) and held coaching sessions (interpretation rehearsals, critiquing on-site) in the Bohol showcase sites (Banacon, Inabanga, Cambuhat, Dimiao, Guindulman, Pamilacan, and Loboc). Similar activities were conducted in the Negros Oriental sites (Apo Island and Dauin). The Bohol CRM Showcase Tour was officially launched and turned over to the Province of Bohol in November, with notable improvements not only in the running of the tour but also in the management and maintenance of the showcase sites, as local partners became more conscious about maintaining cleanliness and projecting a good image of their respective municipalities as "showcase CRM sites."
- Coordinated media coverage for CLEAR-7-IBP-IEC initiatives directed at blasting cap manufacturers in Talisay City, Cebu. Media value was about P50,000.
- Completed the printing of the comic book "Hudyat ng Daga para sa Pagbabago," and initiated the production of a second comic book, "Bakit Naglaho ang Buhay sa Dagat." The comics have been translated into Cebuano, although printing of the Cebuano version will depend on availability of budget.
- Completed production of the comic book "Turning Points"; printing will depend on availability of funds.
- Continued the maintenance and update of the CRMP website, oneocean.org, responding to inquiries and requests for materials from oneocean.org visitors, and coordinating with web designer to correct server-side errors.

- Produced "Modeling the Way: CRM as a Basic LGU Service," a standalone audio-visual (A/V) presentation that provides an overview of CRMP's goals, accomplishments, and implementation highlights. The A/V was developed primarily for the closing program of CRMP in December 2003, but can also serve as project video documentation for distribution on CD.
- Provided IEC materials development support for the project's various components: fisheries management, coastal law enforcement, delineation of municipal waters, monitoring and evaluation, and policy and institutional development. During the 4th Quarter, writing, editing, design, layout and printing support were provided for the following:
 - Training materials for CLEAR7
 - Training materials for Provincial Environment Desk Office
 - Illustrations and draft layouts for PCRA Training Manual
 - ICM Process Sustainability Reference Book
 - Tuka Marine Sanctuary brochure
 - Exhibit panel for Sarangani
 - Laminated sourcebook for Bohol CRM Showcase Tour
 - Laminated sourcebook for Davao CRM Showcase Tour
 - Various information and promotional materials for showcase tours and CRMP Special Report
 - Directory of CRM Learning Destinations in the Philippines
 - In Turbulent Seas: The Status of Philippine Marine Fisheries
- Updated "CRMP Publications on CD," a menu-driven CD compilation of all major CRMP publications for distribution to interested institutions and individuals.
- Continued liaison with national and local media and responded to their requests for information.

TABLE 3-3
IEC MATERIALS REQUESTED AND DISTRIBUTED
FROM OCTOBER 1, 2003 THROUGH DECEMBER 31, 2003

Description/Title	October to December 2003	Year 2003 to date	Project to date
A Call for Leadership Poster*	0	138	1,987
About CRMP (Cebuano)	0	597	23,307
Ang Dagat ay Buhay Audio Tape	0	28	221
Ang Dagat ay Buhay (CD)*	0	2	48
Best Coastal Management Program Brochure*	0	0	1,000

TABLE 3-3 (continued)
IEC MATERIALS REQUESTED AND DISTRIBUTED
FROM OCTOBER 1, 2003 THROUGH DECEMBER 31, 2003

Description/Title	October to December 2003	Year 2003 to date	Project to date
Bohol Island: Its Coastal Environmental Profile*	0	1,046	1,046
Call to Action Flyer*	0	102	33,377
CEP of Malalag Bay	0	295	733
CEP of Negros Oriental	86	621	629
CEP of Northwestern Bohol	0	203	980
CEP of Olango Island	125	581	673
CEP of Sarangani Bay Area	91	750	864
Coastal Alert Brochure	1	1,215	39,739
Coastal Alert Poster (Cebuano) *	0	10	995
Coastal Alert Poster (English) *	0	2	1,995
Coastal Alert Magazine-One Ocean	75	1,746	4,215
Coastal Alert Magazine-LMP*	0	5	473
Coastal Law Enforcement Brochure	2	398	398
Collected Essays on Economics of Coral Reefs*	0	6	44
Coloring Book-Coastal Alert*	0	48	949
Coral Reef Monitoring for Management	93	3,143	3,476
CRM Video (CRMP-Agrisyete, 1 & 2) VHS*	0	1	674
CRMP Folder	54	1,418	3,028
Fish Ruler	342	4,020	4,020
Fisheries Are Finite Resource Poster	70	920	920
Food Security*	6	225	3,407
Future's Sake Poster*	0	0	1,995
Hudyat ng Dagat Para sa Pagbabago	125	125	125
Human Impacts Poster	35	1,462	3,090
"I Love the Ocean" Sticker	200	6,586	33,826
It's Their Ocean Too Poster*	0	0	1,000
LMP Kit*	0	0	791
Lost Reef Brochure (English) *	1	58	39,270
Lost Reefs Brochure (Cebuano)	0	1,622	24,756
Lost Reefs Brochure (Tagalog) *	0	138	25,020
M and E Guidelines Brochure	1	586	586
M and E Municipal/City Plans and Programs	151	820	820
Manage our Coastal Resource Brochure*	0	4	964
Mangrove Brochure (Imagine... foldout) *	0	2	1,974
Mangrove Management Handbook	53	248	982
Mangrove Poster (Imagine...)*	0	0	1,995

Description/Title	October to December 2003	Year 2003 to date	Project to date
Mangroves in Trouble Brochure (Cebuano)	0	433	24,977
Mangroves in Trouble Brochure (English) *	1	557	44,319
Mangroves in Trouble Brochure (Tagalog) *	0	37	24,911
Marine Sanctuaries Video Vol. 1 *	0	7	678
Marine Sanctuaries Video Vol. 2 *	0	6	677
MCD Manual for Operation	76	1,070	1,070
Mid-Term Report*	0	31	1,993
No Time to Lose Poster (Cebuano)	3	658	2,349
No Time to Lose Poster (English) *	0	105	1,987
One Ocean Postcard	0	342	12,234
Our Seas, Our Life Brochure*	0	0	25,000
Our Seas, Our Life Guidebook	37	3,167	14,607
Para sa Maayong Kaugmaon Poster*	0	1	995
PCRA Handbook*	0	64	2,963
Philippine Coastal Management Guidebook Series	22	1,474	1,474
Philippine Fisheries in Crisis Handbook	436	436	436
Presidential Speech Brochure	0	212	4,224
Rhythm of the Sea Book	40	370	1,673
Sine'skwela Episode 1-4*	0	7	599
Sine'skwela Episode 5-6*	0	3	560
Sustainable Coastal Tourism Handbook for the Phils.	69	1,868	1,868
Sustainable Fisheries Development and Management	0	1,249	1,249
Tambuli 1-Nov 96 Newsletter	81	905	2,710
Tambuli 2-May 97 Newsletter	81	926	3,013
Tambuli 3-Nov 97 Newsletter	76	1,068	3,162
Tambuli 4-August 1998 Newsletter	80	849	3,095
Tambuli 5-May 99 Newsletter*	0	103	1,502
Tambuli 5-May 99 Newsletter w/ cover*	0	91	1,497
Tambuli 6-May 2000 Newsletter	4	742	1,565
Tambuli 6-May 2000 Newsletter w/ cover	0	366	1,475
Tambuli 7-September 2001 Newsletter*	0	1,040	1,364
Tambuli 7-September 2001 Newsletter w/ cover*	0	1,500	1,500
The Life Cycle of a Coral Colony Flyer	0	1,255	29,147
Tools & Methods in Community-based CRM	12	59	689
Usa ka Panawagan sa pag Pangulo Poster*	0	0	995
Values of Philippine Coastal Resources Book	0	485	4,531
Total	2,529	50,858	493,805

Note: * - out of stock

3.1.2.2. Activities Not Accomplished and Why

The planned completion of the popularized PCRA manual was rescheduled to the 1st Quarter of 2004 to give way to the CRM showcasing and project turnover activities. The strategic and action planning workshop for the Davao provinces showcase, earlier set for November 2003, was also moved to January 2004 upon the request of our partners. For similar reasons, the launching of the Negros Oriental CRM Showcase Tour was postponed to January 2004.

The popularized version of the Philippine Marine Fisheries Profile is yet to begin, as its production has not yet been completed.

3.1.2.3. Issues, Lessons Learned, and Opportunities

While there is still much that needs to be done to fully develop the CRM showcase tours, they show promising signs of becoming a mainstay program for our local partners, especially in Davao Provinces, Bohol, and Masbate, where the organizational structures required for their operation are strongest. In the near term, the presence of a committed 'tour operator' – Davao City, Bohol Province and Masbate City (through its CRM Interpretive Center) – will be a major contributing factor to the continued success of the tours. In the long run, the success of the tours will be a function of market demand, and our local partners' ability to continue to market their products and provide good service.

3.2 LOCAL IMPLEMENTATION

Main thrusts of local implementation activities are to strengthen institutional and multisectoral mechanisms to sustain CRM. Local implementation activities are focused on municipal water delineation and enforcement, fisheries management, and CRM M&E System. CRMP work plan activities during 2003 built on the following foundation and key accomplishments:

- *Implementation of DAO 17 s. 2001* through technical assistance to LMP and NAMRIA resulting in municipal water delineation workshops in several provinces: pending its reissuance by the DA Secretary after revocation by DENR
- *Coastal Law Enforcement Alliance for regions 7 and 11 and Bohol Coastal Law Enforcement Councils* established and trained
- *CRM Certification System* in Region 7 and 11 established to provide sustainability mechanisms for CRM at municipal, provincial, and regional levels

3.2.1 Municipal Water Delineation

To accomplish municipal water delineation and enforcement, CRMP has continued to work with key partners such as the League of Municipalities of the Philippines (LMP), National Mapping and Resource Information Agency (NAMRIA), and coastal law enforcement agencies. Activities focused on installing governance mechanisms in the delineation exercises such as building consensus through participatory decision made primarily between and among coastal LGUs and other stakeholders. The progress of the delineation exercises on both national and local level was tracked through the development and installation of an electronic database system lodged in NAMRIA and in select provincial governments in Central Visayas and Mindanao. We continued to work with UP-Cebu as a service provider of technical expertise in mapping. This component contributes directly to IR1.1 (Indicators 1 and 2).

Table 3-4 provides a summary of the 2002-2004 Work Plan Activity Scheduled (shaded areas) and progress to date (C = completed activities; O = ongoing activities) of the Municipal Water Delineation Component by quarter.

TABLE 3-4
MUNICIPAL WATER DELINEATION
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Assist selected provinces in the conduct of delineation of municipal waters in Mindanao and learning areas (with assistance from UP-Cebu, MSU, Zamboanga Univ., Eco-gov)			O	O	O	C		
2. Install, test, and refine the Municipal Water Delineation Database in NAMRIA			O	O	C			
3. Assist NAMRIA in generating relevant reports to cater to information needs of various sectors (NGAs, LGUs)			O	O	C	C		
4. Assist strategic groups/organizations (national) to ensure passage of ordinances declaring municipal waters			O	O	O	C		
5. Assist NAMRIA in developing and implementing a system of collecting, archiving, and managing records of approved ordinances			O	O	O	C		
6. Coordinate completion of municipal water delineation in learning area and expansion provinces (Cebu, Negros Or., Siquijor, Bohol, Sarangani, and Davao Gulf)			O	O	O	C		

3.2.1.1 Work Plan Accomplishments

Major accomplishments of the MWD Component during the 4th Quarter 2003 include:

- Assisted the LMP and other groups such as the NGOs for Fisheries Reform and the National Anti-Poverty Commission in making the delineation of municipal waters a national concern
- Assisted the NAMRIA in cooperation with the University of the Philippines-Coastal Environmental Information Service in conducting delineation of municipal waters in Cebu, Negros Oriental, Bohol, and Siquijor
- Assisted the NAMRIA in installing, pilot-testing, and operationalizing the Municipal Water Delineation Database that generates comprehensive and timely reports on the progress of the delineation of municipal waters
- Directly facilitated the passage of 32 ordinances delineating municipal waters in Central Visayas and assisted with the formulation of approximately 400 other ordinances indirectly facilitated to be passed through the LMP

3.2.2 Coastal Law Enforcement

The Coastal Law Enforcement (CLE) Component focused on promoting and strengthening institutional arrangements at the regional, provincial, and municipal levels through technical assistance to alliances, task forces, and other multi-agency and multi-sectoral coastal law enforcement bodies in Central Visayas and Mindanao. This component provides technical assistance to the Philippine National Police (PNP) in the effective implementation of the police environment desks. It also built on the tools and lessons learned from the implementation of the Coastal Law Enforcement Council (CLEC) Alliance in Region 7 and from the Bohol Provincial coastal law enforcement. This component will contribute directly to IR1.1 (Indicators 1 and 2) and IR1.2 (Indicator 2).

Table 3-5 provides a summary of the 2002-2004 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed activities; O = ongoing activities) of the Coastal Law Enforcement Component by quarter.

**TABLE 3-5
COASTAL LAW ENFORCEMENT
2002-2204 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Provide technical assistance to Region 7 provinces and/or cluster of LGUs (Negros Oriental, Siquijor, CLEC/Bohol and SE Cebu cluster) to establish mechanism for local level coastal/fisheries law enforcement			O	O	O	C		
2. Assist Mindanao team in providing technical support services to select LGUs and/or cluster of LGUs in Region 11			O	O	O	C		
3. Develop content of selected coastal law enforcement materials (training modules, poster, quick guide etc.)			O	O	C			
4. Assist the PNP in strengthening its coastal law enforcement function on both local (PEDO) and national level (JRT) to complement local level enforcement			O	O	O	C		
5. Assist other components in the conduct of National CRM Conference					O	O		
6. Promote inter-LGU, inter-agency, multi-sectoral coastal law enforcement programs/efforts on national scale (leagues, NALECC, publications)			O	O	O	C		
7. Assist DENR secretariat in assessing the role of CLEAR7 in coastal law enforcement			O	O	C			

3.2.2.1 Work Plan Accomplishments

Major accomplishments of the CLE Component for the 4th Quarter 2003 include the following:

- Assisted the Coastal Law Enforcement Alliance in Region 7 (CLEAR7) in conducting training in Cebu, Bohol, Negros, and Siquijor LGUs and Police Environment Desk Officers (PEDO)
- Assisted CLEAR7 in developing training modules, advocacy and promotional materials, and actual enforcement activities
- Assisted the CLEAR7 Secretariat in providing technical support to member agencies and LGUs with law enforcement programs

- Assisted the Bohol Environment Management Office (BEMO) in strengthening organizational and communication and protocols of the Coastal Law Enforcement Councils and Teams (CLEC/T) through directly technical assistance, training, and workshops
- Assisted the Mindanao team in strengthening the organizational and communication protocols of the Davao Gulf Environmental Protection Alliance (DGEPA)
- Assisted the Philippine National Police (PNP) in strengthening the PEDOs through their national and regional (Region7) offices by way of training
- Assisted and promoted the DILG-Patrol 117 as a quick response and referral mechanism on reports concerning coastal environmental law enforcement
- Promoted overfishing as priority issue in the national law enforcement agenda through the sponsorship of the National Law Enforcement Coordinating Committee (NALECC)
- Assisted the DENR in developing and strengthening its environmental law enforcement strategy by initiating a Memorandum of Agreement with the PNP
- Assisted the Integrated Bar of the Philippines (IBP) in coming up with a strategy to address the general lack of local legal expertise and in bringing forward the issue of blasting cap as a national and regional concern
- Assisted key NGOs such as the WWF, CCEF, and TMF in strengthening LGU-led coastal law enforcement initiatives

3.2.2.2 Work Plan Not Accomplished and Why

All target activities were accomplished.

3.2.2.3 Lessons Learned

Any coastal law enforcement program, strategy or approach, in order to be successful, must be grounded on the enforcement continuum that starts from prevention, apprehension, and prosecution.

All law enforcement programs and initiatives must be based on tried and tested scientific and systematic approaches from planning, implementation, to evaluation.

Due to the complexity of coastal law violations, no enforcement strategy is successful unless it is multi-agency, multi-sectoral, and multi-level and involve all stakeholders, decision makers, and implementers in both national and local levels. Due to the need for an urgent enforcement response and due to the proximity of the probable responders to the

violation, LGU-based enforcement efforts must be promoted but with clear support from their national government counterparts.

Investments in the preventive aspect of enforcement through information, education, and communication may prove to be more cost effective than corrective enforcement activities in any long-term enforcement program.

For a more sustainable and encompassing coastal law enforcement program, specific law enforcement agencies such as the PNP-Maritime Group, the Philippine Coast Guard, the Bureau of Fisheries and Aquatic Resources, and the Philippine Public Safety College must be able to re-invent itself to be in congruence with local government needs in enforcement.

3.2.3 Fisheries Management

Work plan activities under the Fisheries Management Component focus on depicting the extent of overfishing through the consolidation of existing data and information nationwide. CRMP works with the DA-BFAR as a key institutional partner at the national and regional levels, based on a Memorandum of Understanding (MOU) signed in mid-2002.

Other key partners are national government agencies, academic institutions, nongovernment organizations, fisherfolk federations, and the private sector that work to consolidate fisheries management information into a marine capture fisheries profile. This information forms the solid multi-sector scientific basis for a multimedia campaign on overfishing across the country.

The component is working with the National Fisheries Research Division of BFAR Central Office, FRMD Central Office and conversely with the BFAR National and Regional Stock Assessment Program (NSAP) Staff to assist in packaging and disseminating the Region 6, 7, 9, 12 and ARMM data ready for presentation internally and then externally.

To highlight Southern Mindanao, a strategic fisheries profiling was conducted in Illana and Sarangani Bay in coordination with BFAR-12, Illana Bay Regional Alliance for Region 9, and ECOGOV project to produce culturally sound fisheries management prototype information materials especially designed for local audiences.

Table 3-6 provides a summary of the 2002-2004 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed activities; O = ongoing activities) of the Fisheries Management Component by quarter.

TABLE 3-6
FISHERIES MANAGEMENT COMPONENT
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Develop a Marine Capture Fisheries profile for the Philippines								
• Conduct workshop with key academic institutions and partners to identify existing data and information and develop draft outline of profile	O	O	C					
• Consolidate and analyze data and information from various partner organizations, including UPV, UP-MSI, FRMP, BFAR-Region VII, Academic Institutions and EcoGovernance Project	O	O	O	C				
• Establish overfishing forum on oneocean for discussions on the profile and overfishing in general			O	C				
• Develop strategic case studies on the status of selected fisheries (marine capture fisheries and protected species) with appropriate agencies and organizations to describe the extent of overfishing			O	C				
• Draft fisheries profile reviewed through multi-sectoral consultation and publish			O	O	O	O		
2. Develop and disseminate "Fish Security" booklet focusing on LGU interventions in fisheries management and coastal law enforcement	O	O	O	O	C			
3. Develop and disseminate the multi-sectoral Regional Fisheries management Framework Plan for Region 7 to serve as inputs to a National Fisheries Development Plan, Fisheries Code amendments, and national fisheries policy reforms								

TABLE 3-6 (continued)
FISHERIES MANAGEMENT COMPONENT
 2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<ul style="list-style-type: none"> Assist BFAR establish a multisectoral regional task force to draft guidelines to describe the fisheries management plan development process 			O	O	O	C		
<ul style="list-style-type: none"> Analyze data and information on the status of fisheries in Region 7 and produce a map based profile for Region 7 as basis for the planning process 	O	O	O	O	O	O		
<ul style="list-style-type: none"> Conduct workshops with key stakeholder groups to consolidate issues and identify management strategies 				O	O	O		
<ul style="list-style-type: none"> Draft regional fisheries management plan 					O	O		
<ul style="list-style-type: none"> Conduct consultations of draft plan with key stakeholder groups 					O	O		
<ul style="list-style-type: none"> Submit plan for RDC adoption 					O			
4. Work with DA-BFAR-NSAP to help assist in packaging Region VII and XI NSAP results for dissemination								
<ul style="list-style-type: none"> Conduct limited assistance and quality control for the NSAP VII and XI data through BFAR Central Office NSAP 		O	O	O	O	C		
<ul style="list-style-type: none"> Package the results into an easily understandable format for distribution to key agencies and Fisheries managers in VII and XI 				O	O	C		

TABLE 3-6 (continued)
FISHERIES MANAGEMENT COMPONENT
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<ul style="list-style-type: none"> Conduct Regional NSAP forum and fisheries management workshops in Regions VII and XI as kick-off activities for new fisheries management best practices framework of CRMP 				O	O	C		
<ul style="list-style-type: none"> Prepare strategic IEC materials based on the NSAP results 				O	O	C		
5. Package Illana Bay fisheries profile and develop IEC materials for ARMM and non ARMM areas in coordination with Illana Bay Regional Alliance for Region								
<ul style="list-style-type: none"> Prepare and consolidate an Illana Bay fisheries profile in coordination with MSU- Naawan, BFAR-XII and Illana Bay Alliance for Region 9 			O	O	O	O		
<ul style="list-style-type: none"> Present results in a fisheries management and IEC planning workshop 				O	O	O		
<ul style="list-style-type: none"> Prepare culturally correct strategic IEC materials for Illana Bay Regional Alliance fisheries management efforts 				O	O	O		
<ul style="list-style-type: none"> Distribute IEC materials on Illana Bay 				O	O	O		
6. Offer limited technical assistance in the establishment of the Celebosole Council for inter-regional collaboration of Regions VII and VIII for the management of the Danajon Bank Double Barrier Reef								
<ul style="list-style-type: none"> Finalize MOA for inter-regional collaboration 				O	C			

TABLE 3-6 (continued)
FISHERIES MANAGEMENT COMPONENT
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<ul style="list-style-type: none"> Offer selected technical assistance to the Office of President for Central Visayas in assisting the council and technical working group as requested 				O	O	C		

3.2.2.1 Work Plan Accomplishments

Major accomplishments of the Fisheries Management Component during the 4th Quarter of 2003 conducted in coordination with the BFAR Central Office, NFRDI and Regions 6, 7, 9, 11, 12 and ARMM include the following:

- Completed fisheries assessment (primary data) for Region 7 in progress covering all provinces with assistance of University of the Philippines – Visayas Foundation, Inc. (UPVF)
- Finalized fisheries assessment (secondary data only) for Illana and Sarangani Bay with a re-focus to more of a consultation process through Mindanao State University – General Santos City (MSU-Gen San)
- Distributed “Philippine Fisheries in Crisis: A Framework for Management” book to fisheries managers and implementers
- Completed the final draft “In Turbulent Seas: The Status of Philippines Marine Fisheries” and is ready for final copy-editing
- Helped eight DA-BFAR Regional (1, 5, 6, 7, 9, 11, 12, ARMM) NSAP offices to refine and consolidate their NSAP reports, which were presented to the BFAR Director and Regional Directors during the year-end workshop
- Published a series of articles on overfishing in Region 7 as part of Fish Conservation Week with BFAR-7 assistance
- In coordination with IEC Component, completed the production of comic book on overfishing
- Completed final draft of Synopsis of Shell Industry

3.2.2.2 Activities Not Accomplished and Why

- MSU-GENSAN data collection is still in progress to be completed in early 2004.
- Provincial fisheries data is still being finalized before going to the final workshop stage in the 1st Quarter of 2004.

3.2.2.3 Issues and Lessons Learned

The fisheries sector covers a very broad spectrum of concerns and currently there are a large number of relatively undocumented sectors such as aquarium fisheries, shell industry, elasmobranch fishery, and cetacean fishery. The sector needs to be fully integrated with coastal management activities of BFAR and DENR and under a common national policy agenda.

3.2.3 Local CRM Implementation, Monitoring and Evaluation

The Local CRM Implementation, Monitoring and Evaluation (M&E) Component focused on strengthening institutional systems at the provincial and municipal levels to sustain CRM implementation in CRMP learning and expansion areas. It also initiated implementation of CRM in additional municipalities in Central Visayas and Davao Gulf provinces (Regions 7 and 11). For implementation of CRM in additional municipalities, CRMP works with the province, and other existing organizations within the regions in providing technical assistance to these municipalities. Activities under this component are closely planned and implemented with the Policy and Institutional Development Component to build the capacity of the CMMO, especially at the regional and CENRO levels, and in coaching and guiding LGUs in the implementation and monitoring and evaluation of their CRM plans and programs.

For Regions 7 and 11 where the CRM Certification has already been initiated, activities to continue the process were undertaken. LGUs were assisted to update and maintain their municipal coastal database (MCD) to serve as an important reference for their M&E activities. This Component contributes to IR1.1 (Indicators 1 and 2).

Table 3-7 provides a summary of the 2002-2004 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed activities; O = ongoing activities) of the CRM Monitoring and Evaluation System Component by quarter.

TABLE 3-7
CRM MONITORING AND EVALUATION SYSTEM
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Publish and disseminate Guidelines for Monitoring and Evaluation of CRM Plans and Programs	O	O	O	C				
2. Publish and disseminate updated and revised PCRA Handbook	O	O	O	O	O	O		
3. Strengthen institutional mechanism for CRM monitoring and evaluation and certification in Regions 7 and 11 to provide national showcase:								
• Conduct 2 regional workshops on CRM M&E and MCD Reporting		O	O	O	O	-		
• Capacitate Provincial M&E TWGs and CMMO staff at the Regional and CENRO levels in assisting LGUs operate MCD and M&E system		O	O	O	O	C		
4. Assist new LGUs to initiate CRM programs in selected municipalities								
• Formalize agreements with provincial partners and other assisting organizations for CRM implementation			O	C				
• Conduct provincial/cluster municipality CRM Orientation and action planning			O	O	C			
• Conduct cluster municipality PCRA's			O	O	C			
• Conduct CRM planning writeshops to assist LGUs develop draft CRM plans			O	O	C			
• Assist municipalities in implementing best CRM practices			O	O	O	O		
• Conduct M&E orientation workshops to coach municipalities in developing their M&E reports			O	O	O	C		
5. Assist selected LGUs identified for showcase of best CRM practices by IEC component			O	O	O	C		
6. Conduct municipal and provincial level evaluation workshop of the M&E system and document results						O		

TABLE 3-7 (continued)
CRM MONITORING AND EVALUATION SYSTEM
2002-2004 Work Plan Activity Schedule and Progress to Date

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
7. Update and make functional MCD at the municipal, provincial, and regional level								
• Conduct field audits of M&E and MCD operation in LA municipalities			C					
• Conduct provincial M&E and MCD workshop to make functional MCD				C				
• Conduct regional M&E and MCD workshop in Regions 11 & 7 to establish Regional MCD				O	O			

- Regional workshop on M&E MCD was not pushed through due to the re-structuring of the CMMDs at the DENR Regions' Office

3.2.3.1 Work Plan Accomplishments

Major Accomplishments of the CRM M&E Component during 4th Quarter 2003 are as follows:

- Completed an additional 402 km of coastline came under improved management. This was added to the 3,187 km achieved in 2002. The total km achieved for 2003 is 3,589 km covering 113 municipalities and cities, 12 of which were added in 2003. Additional municipalities counted under improved management for 2003 are: Mati and Baganga in Davao Oriental; Davao City; Garcia Hernandez, Jagna, and Dimiao in Bohol; and the six municipalities of Siquijor, namely, Larena, San Juan, Siquijor, Enrique Villanueva, Lazi, and Maria.
- In partnership with Davao State College of Science and Technology, completed CRM planning and consultation in the municipalities of Mati, and Baganga, Davao Oriental.
- Follow-up activities for the municipalities of Dimiao, Jagna, and Garcia Hernandez were done by the Provincial Coordinator to complete the process of consultation as a necessary step toward the adoption of their respective CRM Plan by the Sanguniang Bayan.
- The following is the status of LGUs undergoing CRM M&E process and with some, achieving level 1 benchmarks CRM Certification benchmarks as of the 4th Quarter:

Province	CRM Certified LGUs (Level 1) Process	LGUs with Ongoing M&E
Davao del Sur	- Hagonoy - Sulop - Malalag	- Sta. Cruz - Malita - Sarangani - Jose Abad Santos - Digos - San Marcelino
Sarangani	- Malapatan - Glan - Alabel - Kiamba - Maitum - General Santos City	- Maasim
Bohol	- Getafe - Inabanga	- Albuquerque - Clarin - Buenavista - Maribojoc - Guindulman
Cebu	- Sibonga - Dalaguete - Samboan - Dumanjug - Alcoy - Moalboal - Cordova (<i>has undergone the process of certification but still has to come up with municipal-level CRM</i>)	
Negros Oriental	- Dumaguete City - Dauin	- Manjuyod - Tanjay
Palawan		- San Vicente
Masbate		- Masbate City

- As of the 4th Quarter more than 800 copies were distributed to LGUs and CRM partners to guide them in their CRM M&E activities.
- In coordination with the CCEF-TMF SCORE Project, conducted provincial M&E and MCD
- Developed an initial draft of the research instrument for the CRM field assessment to be conducted on the 1st Quarter of 2004. Inputs from other project staff still have to be incorporated and pre-test may be conducted if necessary.
- Coordinated formal closure of field level implementation in the five learning area provinces (Davao del Sur, Sarangani, Bohol, Negros Oriental, and Cebu). Closing ceremonies were attended by the LGUs and project partners. Highlights of the activity was the presentation of project-life accomplishments in the learning area and awarding of plaques of recognition to LGUs and project partners for having actively spearheading or participating in CRM implementation in the area.

3.2.3.2 Activities Not Accomplished and Why

- The CRM field assessment which was scheduled to be conducted on the 4th Quarter of 2003 had to be rescheduled to the 1st Quarter of 2004 so the design could be modified.
- The Regional MCD workshop for DENR had to be postponed due to organizational changes within the CMMO and the CMMD level. With the transfer of CMMD at the Protected Areas and Wildlife Division (PAWD) which now becomes the Protected Area, Wildlife, and Coastal Zone Management Services (PAWCZMS), the project had to conduct orientation activities with PAWCZMS personnel regarding their role in CRM implementation, hence workshop had to be postponed.

3.2.3.3 Issues and Lessons Learned

The participatory CRM planning process has shown that implementing doing CRM through a step-by-step process facilitates capacity development. Through this process participants and implementers are not only educated and conscientized in the process but also empowered once they realize that the process is doable, and results are concretely achieved after completion of each phase.

In the same context, while there is a planning process for CRM implementation, interventions must also be responsive to LGUs' "priorities" especially during the initial stages of implementation. Hence, if during the initial stage, the LGU's main concern is the setting up of a sanctuary, or activating its coastal law enforcement program, then assistance should be provided along these areas of concern and while doing this slowly, inject the CRM planning process.

M&E, which includes the operation and maintenance of an effective data management system, is a habit that LGUs still need to acquire. This is where the role of the assisting organizations (NGAs or NGOs) become very important because LGUs need to be guided on how to make the process more doable and practical. This would include providing them with tools like, M&E templates and guidelines, MCD program, and others.

Even with the CRM plans and best practices already taking place in our learning and expansion areas, the sustainability of CRM still depends on a number of factors, foremost of these are: strong political will especially the local chief executives, empowered and capacitated personnel within the LGU, strong community participation through organized and functional POs, and active and committed assisting organizations.

3.2.4 Mindanao

The field implementation in Mindanao covers Region 11 (Davao Provinces), Region 12 (Sarangani Bay area), and ARMM (Autonomous Region for Muslim Mindanao).

3.2.4.1 Work Plan Accomplishments

Major accomplishments in Mindanao during the 4th Quarter 2003 includes:

Local Implementation and Monitoring and Evaluation

Davao del Sur, including Davao City

- Completed technical assistance packages for the provincial, municipal, and City LGUs in Davao del Sur. Strengthened capacity of provincial, city, and municipal TWGs in facilitating CRM implementation at the local level
- Completed the monitoring and evaluation of CRM plans and programs of LGUs in the Malalag Bay area and initiated the process in other LGUs in the province
- Provided technical guidance to the Region 11 CRM Certification Committee in the certification of the municipalities of Padada, Sulop, Malalag, and Hagonoy
- Provided technical guidance to the Davao City CRM Multipartite TWG in the preparation of CRM Framework Plan
- Assisted the Provincial CRM TWG and DENR CENROs in the setting-up of a system of regular Municipal Coastal Database updating at the municipal and provincial levels
- Organized and conducted the CRMP Turn-Over Ceremony on November 18, 2003. The event brought together local officials and technical staff from provincial, municipal and city governments, NGAs, NGOs, POs, and other partner organizations who played significant role in the implementation of CRMP in the province.
- Initiated coordination and partnership with other coastal environmental projects in the area (such as SMICZMP, FRMP, and EcoGov)

Davao Oriental

- Provided technical assistance to the municipalities of Mati and Baganga in the preparation of draft multi-year CRM Plans and provided guidance to the municipal TWGs in conducting community and sectoral consultations
- Provided technical guidance to the Provincial Government, through the Provincial Fisheries and Aquatic Resource Management Office and the Provincial CRM TWG, in assisting other municipalities in the province not covered by CRMP
- Completed the participatory coastal resource assessment in the 16 coastal barangays and 11 coastal barangays in the municipalities of Mati and Baganga, respectively

- Conducted municipal-based ICM Training for municipal and barangay leaders in Mati and Baganga
- Conducted training on marine protected area management in Mati and Baganga
- Facilitated organizational assessment and strategic planning for municipal and barangay FARMCs in Mati and Baganga
- Conducted various IEC activities (distribution of IEC materials, coordination with local radio station, school-based IEC activities, community meetings, and exhibits)

Sarangani Bay

- Completed technical assistance packages for the provincial, municipal, and city LGUs in the Sarangani Bay area; initiated capacity building activities for the provincial, city, and municipal TWGs in facilitating CRM implementation at the local level
- Completed monitoring and evaluation of CRM plans and programs of Sarangani Bay LGUs
- Provided technical guidance to the Region 12 CRM Certification Committee in the certification of the municipalities of Alabel, Glan, Maitum, Malapatan, and Kiamba and General Santos City
- Assisted the Provincial CRM TWG and DENR CENROs in the setting-up of a system of regular Municipal Coastal Database updating at the municipal and provincial levels
- Assisted the Sarangani Provincial Planning and Development Office and the Office of the Provincial Agriculture in the integration of MCD and M&E for CRM Certification in the Provincial Information Management System
- Organized and conducted the CRMP Turn-Over Ceremony on November 24, 2003. The event brought together local officials and technical staff from provincial, municipal and city governments, NGAs, NGOs, POs, and other partner organizations who played significant role in the implementation of CRMP in the province
- Initiated activities to strengthen the Sarangani Bay PAMB, in coordination with the SMICZMP and DENR Region 12
- Initiated coordination with other coastal environmental projects in the area (EcoGov and Tambuyog SCAD Project)

Institutional Development

- Provided technical assistance to the DENR Regions 11 and 12 in the capacity building of CMMD and CMMS staff particularly on planning, monitoring and evaluation, MCD

installation and maintenance, development of IEC program, CRM showcasing, and training

- Facilitated policy forum on Foreshore Area and Shoreline Management and on the National Integrated Protected Area System, in partnership with various bureaus and offices of DENR
- Conducted IEC Training for the CMMD and CMMS staff of DENR Regions 9, 10, 11, 12, 13, and ARMM
- Provided technical assistance to the DENR Region 12 CMMD on various CRM activities in the province of Sultan Kudarat
- Conducted ICM Training Course and Training on IEC for the regional, PENRO and CENRO officials and technical staff of DENR-ARMM, and technical staff of BFAR-ARMM

Municipal Water Delineation and Coastal Law Enforcement

- Provided technical guidance to the Davao Gulf Management Council and its member agencies on various policy advocacy activities and strategic planning
- Facilitated the creation of the Davao Gulf Environmental Protection Alliance and assisted in the conduct of organizational development activities and strategic planning
- Provided technical and legal guidance to the Davao del Sur Provincial Anti-Illegal Fishing Task Force, through the Environmental Legal Assistance Center (ELAC-Cebu)
- Conducted series of training course on Coastal and Fishery Law Enforcement and trained 130 law enforcers from PNP, PCG, NGAs, NGOs, member-agencies of DGEPA, and LGUs in Region 11

IEC and Showcasing

- Developed the Southern Mindanao CRM Showcase Tour, in partnership with the Davao City Tourism Office, Department of Environment and Natural Resources, Department of Tourism, Bureau of Fisheries and Aquatic Resources, Provincial Governments of Davao del Sur, Davao del Norte and Davao Oriental, Island Garden City of Samal, and other local partners. The inaugural tour was held on November 11-14, 2003 and was featured by major local newspapers in Region 11
- Participated in various social mobilization activities and information campaign initiated by national government agencies, local government units, non-government organizations, academic institutions and other private organizations

- Distributed various information materials to LGUs, NGAs, NGOs, POs, academic institutions and other concerned agencies

Fisheries Management

- Conducted fisheries profiling of Illana Bay and Sarangani Bay, in partnership with the Mindanao State University – General Santos City and in coordination with DA-BFAR Region 9, 12 and ARMM, DENR Regions 9, 12, and ARMM, and the EcoGovernance Project
- Provided technical guidance to the Davao del Sur and Sarangani Bay LGUs in the implementation of various fisheries management interventions, as a component of their CRM plans and programs

3.2.4.2 Activities Not Accomplished and Why

- The Strategic Planning for the Southern Mindanao CRM Showcase Tour did not materialize due to time limitation. It is rescheduled in January 2004.
- The submission of the Ilana Bay Fisheries Profile and the Sarangani Bay Fisheries Profile was extended until January 30, 2004, to allow more time for the MSU-GSC to consolidate and analyze the data gathered and write the final report.
- The Coastal Law Enforcement Training for Davao del Norte and Compostela Valley was postponed indefinitely by the concerned provinces and DGEPA, pending for the availability of the DA-BFAR Regional Fisheries Training Center. The training for Davao Oriental was also postponed due to budget constraints on the part of the provincial government.

3.2.4.3 Issues and Lessons Learned

Sustaining the momentum gained by the CRMP in the past 7 years is a big challenge to DENR CMMD and CMMS. The DENR staff have varying levels of responses to their role as technical assistance provider to LGUs. It is recognized that most of the field level staff lack the needed experience and behavior to be more effective and efficient service provider. The DENR needs to continue working with the provincial and municipal/city TWGs and be more proactive in providing technical assistance to LGUs and communities.

4.0 PROJECT MANAGEMENT

Project management activities include:

- Preparation and submission of quarterly, semi-annual, and annual reports
- Preparation of special reports (e.g. training report)

- Preparation of inventory report and equipment turnover plan
- *Management and adjustment of project personnel as required*

4.1 WORK PLAN ACCOMPLISHMENT

Major accomplishments for the 4th Quarter 2003 include:

- Finalization and implementation of project turnover plan for all equipment maintained in the field offices of Negros Oriental, Davao del Sur, Sarangani and Bohol
- Adjustment of the level of effort of project personnel in accordance with the phase-out of CRMP as reflected in the table below
- Refinement of the work plan for July 2002 - June 2004 with inputs from the CRMP yearend reporting and planning workshop
- Agreements made on details for a smooth transition from CRMP to Fisheries Improved for Sustainable Harvest Project (FISH) regarding personnel and equipment

4.1.1 Cost Control

The total expenditures through December 31, 2003 represent about 95.9 percent of the total budget with 93.94 percent of the total contract period elapsed. The estimated percent of expenditures by implementation level and activity as of December 31, 2003 is as follows:

TABLE 4-1
SUMMARY PERCENT OF TOTAL EXPENDITURES IMPLEMENTATION
BY LEVEL AND ACTIVITY
December 31, 2003

Implementation Level/Activity	Percent of Expenditures To Date
CRM Core Activities/Administration	50.0
Policy	8.0
Mangrove Management	5.0
Performance Monitoring	1.0
San Vicente, Palawan	3.0
SE Negros Oriental	3.0
Olango Island, Cebu	3.0
NW Bohol	3.0
Malalag Bay, Davao del Sur	2.0

TABLE 4-1 (continued)
SUMMARY PERCENT OF TOTAL EXPENDITURES IMPLEMENTATION
BY LEVEL AND ACTIVITY
December 31, 2003

Implementation Level/Activity	Percent of Expenditures To Date
Sarangani Bay	2.0
Multisectoral Coordination	1.0
Silliman University Marine Laboratory	5.0
Expansion Activities	14.0
Total	100.0

Notes:

1. Percent of expenditures are estimated and should not be used for contractual or accounting purposes.
2. Expenditures include labor, other direct costs, subcontractors, and associated overhead and fee.

4.1.2 Subcontractor and Individual Consultant Agreements

A summary of subcontractor firms and individual consultants who have provided support to various CRMP activities from the period January through December 31, 2003 are listed in Table 4-2. Subcontractor firms or individuals marked (*) have completed their services on December 31, 2003 unless otherwise indicated.

TABLE 4-2
SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS
(January 1, 2003 to December 31, 2003)

Organization / Individual	Completion Date	Services
Davao Oriental State College of Science and Technology	Ongoing	Technical assistance on Local Implementation in Davao Oriental
Environmental Legal Assistance Center	Ongoing	Legal assistance on law enforcement and training; assistance on publication of legal manuals
League of Municipalities in the Philippines	12/31/03	Assistance on national CRM policy and advocacy to LGUs; IEC, Fisheries and Law Enforcement
Mindanao State University	Ongoing	Technical assistance in the preparation of Illana Bay and Sarangani Bay Fisheries Profile

TABLE 4-2 (continued)
SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS
 (January 1, 2003 to December 31, 2003)

Organization / Individual	Completion Date	Services
Pacific Rim Innovation and Management Exponents	9/30/03	Technical staff in support of policy component including: policy core advisor, policy researcher, and support staff
UP-Visayas Foundation Inc.	Ongoing	Research on municipal fisheries in Region VII as part of regional fisheries management planning process
Individual		
Aliño, Liberty P.	12/31/03	Technical assistance as IEC Documentation Specialist
Ablong, William E.	12/31/03	Technical assistance as Provincial Learning Area Coordinator for Negros Oriental
Armada, Nygiel B.	12/31/03	Technical assistance Fisheries Management Specialist
Balisacan, Caridad D.	12/31/03	Assistance in graphics arts for various CRMP publications
Besa, Dexter Allen	12/31/03	Assistance in graphics arts for various CRMP publications
Cabangon, Hermenegildo	12/31/03	Technical assistance as Provincial Learning Area Coordinator for Sarangani Bay
Cafugauan, Howard B.	12/31/03	Technical assistance as Provincial Coordinator for Davao del Sur
Collantes, Ysolde A.	12/31/03	Assistance in graphics arts for various CRMP publications
Colocado, Marie Sol S.	Ongoing	Technical assistance as Publications/Technical Copy Editor
Custodio, Khristine	Ongoing	Technical assistance as Desk Top Publishing Specialist for Philippine Marine Capture Fisheries Profile
De Castro, Helio	11/30/03	Technical assistance for IEC Exhibit Installation Specialist
Deguit, Evelyn T.	Ongoing	Technical assistance as Core Advisor for CO/CD and Task Leader for CRM Certification
Dequito, Kent A.	12/31/03	Technical assistance for coastal resources assessment community organizing in Sarangani Learning Area
Farrarons, Rosario M.	Ongoing	Assistance as IEC Specialist

TABLE 4-2 (continued)
SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS
(January 1, 2003 to December 31, 2003)

Organization / Individual	Completion Date	Services
Floren, Adonis S.	12/15/03	Technical assistance as Researcher for Shell Study
Floren, Jessie O.	Ongoing	Technical assistance as Training Assistance in CRMP's training component and GIS Specialist
Flores, Jimely O.	Ongoing	Technical assistance as Fisheries Management Task Assistance
Flores, Ma. Monina M.	12/31/03	Technical assistance as Showcase Development Specialist
Gasalatan, Mario C.	Ongoing	Assistance in Cebu expansion areas for PCRA and MPA establishment
Green, Stuart J.	Ongoing	Technical assistance as Task Leader of the Fisheries Management Task
Gulayan, Anecita S.	12/31/03	Technical assistance in Bohol Learning area
Gulayan, Samuel J.	Ongoing	Technical assistance CLE/MWD Task Assistant
Jatulan, William P.	Ongoing	Technical assistance as Deputy Chief of Party
Leocadio, Flora S.	7/31/03	Technical assistance as Enterprise Development Specialist and provincial coordinator for the learning areas in Negros Oriental and Palawan
Lim, Romina Astrid V.	Ongoing	Assistance as IEC and Social Mobilization Specialist
Luna, Cesar Z.	10/31/03	Technical assistance as Technical Editor for Fisheries
Mancao, Roquelito	12/31/03	Technical assistance in the Malalag Bay Learning Area
Martinez, Rafael	Ongoing	Technical assistance as Geographic Information Systems (GIS) Specialist-Fisheries Management
Nañola, Cleto	Ongoing	Technical assistance in monitoring marine protected areas in CRMP learning areas
Ocaña, Michael M.	Ongoing	Assistance as Database Programmer
Onozawa, Maria Lourdes	11/30/03	Technical assistance for IEC as Interpretative Center Design Specialist
Paña, Marie Antonette	12/31/03	Administrative Assistant for Davao del Sur
Rodriguez, Jose C.	6/30/03	Assistance as CRMP Planning Assistant
Secuya, Modesto	Ongoing	Technical assistance for CRMP's website, www.oneocean.org

TABLE 4-2 (continued)
SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS
(January 1, 2003 to December 31, 2003)

Organization / Individual	Completion Date	Services
Sia, Asuncion E.	Ongoing	Technical assistance as Information Materials Development Specialist
Silvestre, Geronimo T.	11/30/03	Technical assistance as Fisheries Management Specialist
Smith, Rebecca P.	Ongoing	Technical assistance as IEC Core Advisor and Task Leader for Showcasing
Tabara, Esperanza	12/31/03	Technical assistance for Negros Oriental Learning Area
Torres, Francisco SB, Jr.	Ongoing	Technical assistance as Fisheries Research Assistant
Trinidad, Mark C. IV, Jr.	12/31/03	Business
Carreon, Marciano F. III	9/30/03	Deputy Chief of Party
Cerence, Katerina R.	Ongoing	Administrative Assistant
Guzman, Sarah de	Ongoing	Financial Manager
Guidote, Marlito N.	12/31/03	Task Leader, CLE/MWDD
Hilario, Vicencio	10/31/03	Admin. Support
Melendez, Ma. Noella Q.	Ongoing	Administration Manager & Subcontract Mgr.
Nacion, Aristeo A. II	08/08/03	Financial Controller & Procurement Officer
Ortega, Glocel P.	Ongoing	Accountant
Pojas, Rodrigo V.	Ongoing	Admin. Support
Sadiwa, Dineth	Ongoing	Accountant (Manila-based)
Tinapay, Leslie S.	Ongoing	Graphics Artist
White, Alan T.	Ongoing	Chief of Party
Yambao, Alexis C.	12/31/03	Regional Coordinator for Mindanao

4.2 ACTIVITIES NOT ACCOMPLISHED AND WHY

Most planned activities were accomplished. Turn-over of project equipment will continue through the end of the project in mid-2004 per the plan that has been approved by USAID.

4.3 ISSUES AND LESSONS LEARNED

Project management for the extension of the CRMP is smooth and the changes in personnel have been implemented with a minimal disruption to the project overall. Marco Carreon III who was employed as the Deputy Chief of Party (DCOP) in 2002 was replaced by William Jatulan on October 1, 2003 so that Mr. Carreon could commence as the COP

for the FISH Project. The transition to FISH will be able to build on the lessons of CRMP given that some FISH personnel are coming from CRMP with substantial experience in coastal and fisheries management.

5.0 PROJECT PERFORMANCE AND IMPACT

In this section, the overall performance and impact of CRMP is summarized according to the 2003 Annual Work Plan accomplishments, progress in meeting project targets, and impact on key participating agencies and organizations. In addition, key implementation problems and issues, proposed courses of action, and adjustments to the work plan targets are described. Graphs depicting project targets and results are shown in the Executive Summary and Appendix A of this Annual Report.

5.1 OVERALL STATUS OF WORK PLAN ACTIVITIES

All major planned activities were accomplished in 2003 as documented in the achievement of project targets of which all have been met or surpassed.

At the national level, major accomplishments include the continuing support for and institutional building of the Coastal and Marine Management Office (CMMO) of DENR. The CMMO supercedes the Coastal Environment Program (CEP) and is playing an increasingly important role in coordinating CRM-related activities within DENR and between DENR and other national agencies such as BFAR. It is also the primary link between DENR and LGUs in providing technical assistance through the CMMD of the regional offices. In addition, facilitating the implementation of the delineation of municipal water boundaries in partnership with NAMRIA and the LGUs resulted in many coastal municipalities and cities with technical maps completed for their water boundaries. Major effort was also extended through forums and publications to raise the level of awareness on the importance of fishery law enforcement to help curb overfishing in the country. This issue was addressed through local and national IEC and technical forums to highlight the need for fisheries management and why it is a serious problem. The launching of the *Philippine Fisheries in Crisis: A Framework for Management* book has assisted to alert policy makers and LGU officials regarding the magnitude of fishery issues that exist nationwide. The continued distribution of the Philippine Coastal Management Guidebook Series, with eight books covering all aspects of coastal resource management in partnership with the DENR, DA-BFAR, and DILG has now reached more than 95 percent of all coastal municipalities and cities in the country. This guidebook series enabled the design of several new coastal management projects in the Philippines and has continued demand from multiple sources because of its comprehensive overview and specific technical guidance for all aspects of CRM including fisheries management.

Most work plan activities in the learning and expansion areas have been accomplished as previously discussed and detailed in Appendix A. Increasing numbers of LGUs have CRM

budgets, MFARMCs, CRM plans, and best practices of law enforcement, MPAs, and municipal water delineation maps. Selected enterprises and others are also being implemented.

In support of municipal and city CRM programs, provinces are continuing to take a larger role in providing information management, law enforcement, technical assistance, training, and some funding. The provinces are actively engaged in database management and CRM monitoring and evaluation leading to CRM certification in selected areas.

5.2 PROGRESS IN MEETING PROJECT TARGETS

The project has met or exceeded all targets under the USAID-approved revised Results Framework.

5.2.1 Strategic Objective Indicators

A total of 113 learning and expansion area LGUs covering 3,589 km of shoreline have met all three indicators for improved management of coastal resources for the year ending 2003, exceeding the target of 3,250 km for 2003. This represents about 13 percent of all coastal LGUs and 19.9 percent of the total shoreline of the Philippines.

Biophysical changes on coral reefs within selected marine protected areas were monitored again in 2003 (not in 2002). The improvements measured in 2001 have continued to accrue as noted by the new data from the six areas. Surveys conducted in 2003 (detailed in Appendix A) show that fish abundance increased some 905 percent above the baseline inside marine sanctuaries (versus a 2003 target of 40 percent) and 314 percent above the baseline adjacent to marine sanctuaries (versus a target of 15 percent). These high percentage changes reflect the success of the sanctuaries in relation to the relatively low baseline figures for fish populations due to the degraded and poorly managed condition of these sanctuaries during the baseline year of 1997 and prior years.

Live hard coral cover increased 46 percent above the baseline inside marine sanctuaries (versus a 2003 target of 15 percent) but decreased 6 percent below the baseline adjacent to marine sanctuaries (versus a target of 6 percent). Record high tropical sea surface temperatures during the 1997-1998 El Niño event resulted in coral bleaching throughout coral reefs in the Philippines with an average national mortality of about 20 percent. Thus, although changes in living coral cover in sanctuaries monitored by CRMP have been influenced by these global climatic events affecting ocean temperature in 1997-1998, the living coral cover has substantially improved since 2000. This improvement has resulted from vigilant management in the areas inside and adjacent to the marine sanctuaries in the context of normal ocean temperatures since 1998. This increase in living coral cover and fish abundance attests to the natural ability of coral reefs to regenerate when negative impacts are minimized.

5.2.2 Intermediate Results Indicators

Annual LGU Budget Allocated for CRM: The number of LGUs allocating an annual budget for CRM continued to increase during 2003. In 1995, only 10 out of the 29 LGUs in the CRMP learning areas reported that they allocated an annual CRM budget. At present, all 29 learning areas and 88 expansion areas or 117 LGUs report allocating a CRM budget. From reported baseline budgets, average annual CRM budgets have increased some 1,368 percent for municipalities (an average CRM budget of P482,296).

Resource Management Organizations Formed and Active: The project assisted in organizing or strengthening Municipal Fisheries and Aquatic Resource Management Councils (MFARMC) in all 29 learning area municipalities as well as in 88 expansion area LGUs. CRMP has also assisted in organizing and strengthening barangay-level FARMCS (BFARMC), bantay dagat (local coastal law enforcement groups), and other local CRM focused management groups at the barangay level.

Best CRM Practices Implemented: A total of 113 LGUs were implementing two or more CRM best practices by the end of 2003, 12 more than at end of 2002. All the CRM best practices being implemented in each LGU are shown in Table 1 of Appendix A and Figure ES-9 that indicates the increase of each best practice since year 2000. The increase in the number of well-crafted CRM plans with real budget support has increased substantially. Such plans include a variety of interventions that almost always include one or more marine sanctuaries, coastal law enforcement, fisheries management interventions, and municipal water boundary delineation.

118 newly established or improved marine protected areas since 1996 now exist within CRMP-assisted LGUs. These MPAs under municipal or city ordinance and management cover more than 3,131 ha of coral reef and seagrass habitat. Those under the NIPAS Act with active Protected Area Management Boards cover 137,047 ha, which include the 33,200 ha Tubbataha National Marine Park covering 10,000 ha of coral reef; the 34,500 ha Sarangani Bay Protected Seascape and several others noted in Appendix A Table 2. The project assisted to strengthen the management of these protected areas, involving the development of supporting ordinances and management plans.

Number of Provinces and/or Multi-LGU Clusters Initiating Institutional Arrangements for Coastal and Fisheries Resource Management: Eight multi-LGU associations are now actively investing in and implementing coastal law enforcement operations that cover broad areas of coastal and marine waters. For Region 7, these include: CLEAR7, the Coastal Law Enforcement Councils of Bohol, and the Coastal Law Enforcement Clusters of southern Cebu. In Region 11, the Davao Gulf Management Council and the Davao Gulf Environment Protection Alliance are active.

Widespread Utilization of Legal, Jurisdictional, Operational Guides, and Training Modules:

As shown in Appendix A, CRMP guides and training modules are actively being utilized by 231 organizations, including 17 national government agencies, 131 local government units and leagues, 12 donor agencies and donor-assisted projects, 44 NGOs, 21 academic institutions, 4 People's Organizations, and 2 private sector organizations. A major new adoption in 2003 was the Police Environment Desk Officer program endorsed by DENR and PNP.

Public Awareness of CRM and Fisheries Issues: Extensive qualitative surveys for this indicator were conducted in 1999 and quantitative surveys were completed in 2000. The percent of survey respondents (n = 700) demonstrating knowledge of CRM problems and solutions was 70 percent compared to a target of 10 percent. Key activities completed during 2003 to support and measure public awareness of CRM and fisheries issues include:

- Continued distribution of all available CRMP-produced IEC materials on CRM and fisheries in written, poster, and video form so that over 50,000 requests for such materials were filled in 2003.
- The number of activities, events and publications focused on raising awareness of overfishing problems and proposed solutions conducted in 2003 were 23 for a total of 30 including various forums on fisheries management, publications such as "Fisheries in Crisis" and a comic series, exhibits, radio plugs, and two television programs.
- The showcasing of coastal resource and fisheries management best practices through showcase tours initiated and established in Olango Island, Bohol, Negros Oriental, Davao Provinces, and Masbate Province and CRM Interpretive Center.

Harmonization of National Policy for CRM: The project continued to contribute towards this indicator through the number of adoptions of CRM guidance materials and training modules by key government agencies. During 2003, the cumulative number of adoptions by CRM policies, guidance, and training modules was 43 exceeding the target of 40. Additions for 2003 include the MOA launching the Police Environment Desk Officers (Gawad Police ng Kalikasan), the M&E Guidebook endorsed by DENR, and the Memorandum Banning the Importation of Ammonium Nitrate Industrial Grade. In addition, the Draft EO for ICM in the Philippines is still pending for signing and the book "In Turbulent Seas: The Status of Philippine Marine Fisheries" was endorsed by 29 agencies will be published in 2004.

DENR Coastal and Marine Management Office Established and Functional: The number of permanent personnel in CMMO has grown to 10. During 2003, CMMO together with CRMP assistance was able to train 266 CMMS and CMMD staff on ICM in virtually all regions except Region 6 to make CMMO fully functional. DENR also decided to maintain

the CMMO as an autonomous office under the secretary even though at the regional level it was combined with Protected Area and Wildlife Bureau staff.

5.3 IMPACT OF ACTIVITIES ON PARTICIPATING ORGANIZATIONS AND AGENCIES

The effects of CRMP's activities are both national and local in scope. At the national level, CRMP's policy initiatives through the development of Philippine Coastal Management Guidebook Series and its distribution to most LGUs has created a tremendous interest in improved coastal resource management through a system whereby the national government operates in a supporting role to local governments. Equally, National Coastal Resource Management Policy drafted in 2001, that builds on the themes of the guidebook series and reinforces the essential messages in national policy is now in the form of an Executive Order to be signed by the President in 2004. The ICM policy through the draft EO has been fully endorsed and promoted by the League of Municipalities of the Philippines along with DENR and DILG.

DENR is now quickly acting on the need to realign their efforts, through the CMMO and CMMD, to support CRM as a basic service of local government through functions in regional and provincial offices that build on the CRM Monitoring and Evaluation results framework utilized and promoted by CRMP. The extensive training of CMMS and CMMD staff has substantially helped capacitate CMMO throughout the country.

In 2003, CRMP worked together with BFAR on various fisheries management issues and policies through forums, the development of the national fisheries profile, and the development of fisheries profiles for Region 7 as well as for Sarangani and Illana Bays. BFAR also recognized the need curtail the issue of licenses for commercial boats through a 1-year moratorium that was at least partially catalyzed through a licensing workshop in mid-2003.

CRMP's influence on local government increased again in 2003 as the CRM programs initially established within the core learning areas spread to more than 88 municipalities and cities outside of the original learning areas. These expansion area LGUs are also showing that CRM programs can increasingly be started and maintained with only strategic outside technical support with most resources being generated within the LGU. In addition, the CRM approaches, policies, training modules, and other guidance that have been adopted by almost all national coastal management projects such as FRMP, SMICZMP, CBRMP, and others are having an influence on the approaches and procedures used. Finally, the MCD is being utilized in CRMP initiated and several additional provinces showing the spread of CRM interest.

5.4 KEY ISSUES AND IMPLEMENTATION PROBLEMS

A key issue faced by CRMP in 2003 was to build project sustainability and permanence in preparation for its official end in 2004. In 2003, most local area activities were phased out in a manner that should enable most LGUs to continue under their own resources. But since the demand for technical assistance for coastal resource and fisheries management continues to grow, the project has had to be creative about how it encourages LGUs to take care of their own needs through national agencies or other sources of support.

During 2003, CRMP was able to actively partner with ongoing and new projects that have been able to take on responsibilities and objectives in selected areas. The Province of Davao Oriental, for example, has progressed substantially with its CRM program that will be carried on by the province, selected municipalities, and the future ICRMP to be supported by ADB. In southern Cebu Province, the Coastal Conservation and Education Foundation, Inc. (CCEF) has picked up where CRMP left off with six municipalities just starting to implement their CRM plans and are now all applying for CRM Certification in Region 7. Equally, in Siquijor Province, the CCEF has been able to bring 6 municipalities to CRM Level 1 benchmarks with limited technical assistance of CRMP and some assistance in coastal law enforcement.

As CRMP enters its last year of operation in 2004, it realizes that although there are still gaps in the common understanding about the need to address some key national issues such as overfishing, habitat destruction, open access, shoreline development and capacity building, these issues are now often and openly discussed in policy forums. The country has come a long way since 1996 when these issues were rarely if ever seen on the radar screen.

5.5 PROPOSED REVISIONS TO WORK PLAN SCHEDULE OR COSTS

USAID has approved an extension of CRMP through June 2004. A new work plan was developed and has been approved for the period of July 1, 2002 through June 30, 2004. Most activities planned to end by June 30, 2004 have been phased out and activities under the extension work plan is being followed. A budget realignment was also approved to cover the new focus or emphasis of activities under the extension work plan through the end of the project. There is little need for further revision at this time. The only possible request may be to extend several, specific administrative and reporting functions of CRMP, beyond June of 2004 to provide time for an efficient and comprehensive closing of the project.

6.0 SUSTAINABILITY

Sustainability of the project's interventions is being achieved by a variety of factors. These include enabling coastal communities with CRM expertise and responsibility, and

utilizing an information base for sound CRM planning and evaluation. CRMP has been continually building constituency groups to support CRM initiatives and developing a technical support system through provinces and other national and local organizations that builds on trained leaders in CRM. CRMP has made substantial progress and some changes in these areas in 2003 as described below by selected examples.

Enabling Coastal Communities with CRM Expertise and Responsibilities: A key element in sustaining CRM initiatives beyond the life of the project is the degree to which coastal communities have been enabled to address CRM issues on their own.

The monitoring and evaluation of CRM activities in the LGUs associated with CRMP assistance in 2003 has shown that 113 municipalities and cities are now conducting CRM programs under their own support and are recognized to have accomplished the basic CRM benchmarks required for consideration of CRM Level I Certification. The combined investment in CRM from these 113 LGUs is substantial when we consider that the average LGU investment (not including that of provinces) is more than P400,000 per year, the total investment for 2003 alone from these LGUs was about P45,200,000 or US\$822,000. This amount is substantially more than CRMP invested in its local operations during the year.

All of these 113 LGUs have at least undertaken the initial steps to institutionalize a CRM program in their area, which means that they are allocating budget, have a functional FARMC, have a draft or adopted CRM plan, and have initiated two or more CRM best practices. An essential element in the CRM process is that all LGUs have undertaken some baseline assessment through the PCRA process that involves local communities and develops a practical database upon which barangay and municipal wide planning can be based and guided. They are all, through the CRM planning and implementation process, beginning to address fisheries management issues through one or more best practices that at least include MPAs and improved law enforcement.

Developing a CRM Monitoring and Information Management System: The continuity of CRM initiatives is being enhanced through the development of an appropriate and user-friendly information management system. CRMP has developed the first nationwide information management system to monitor and evaluate CRM at the local government level. The development of the MCD began in 1998. Since then, the MCD has been field- and beta-tested, contains records of over 500 coastal LGUs and is now functional in all CRMP learning area municipalities and provinces. The MCD is the basis of the monitoring and evaluation system implemented in 2001, 2002, and 2003 for all CRMP learning areas and selected expansion area LGUs.

In 2003 CRMP worked extensively with interested provinces in preparing provincial reports on the state of the coastal environment and CRM trends based on the MCD. Provincial involvement and investment in maintaining and expanding the MCD reporting system is

proving to be a major force that supports sustainability of CRM activities within their area of jurisdiction.

Building Constituency Groups to Support CRM Initiatives: Different types of constituency groups from public and private sectors are required to support and sustain CRM initiatives beyond the life the project. CRMP is continuing to build these CRM support groups at national and local levels.

CRMP's partnership with the LMP continues to generate nationwide support for CRM initiatives. The 1st Conference of Coastal Municipalities of the Philippines in 1999, conducted in partnership with the LMP and national government agencies, provided a high impact venue to build support for CRM initiatives among all coastal municipalities. The launching of the "Philippine Coastal Management Guidebook Series" through the LMP convention in November 2001 proved to be another milestone in building national support for improved coastal management through local government participation. In November 2002, CRMP provided input to the LMP Convention with education materials on the state of Philippine fisheries and the distribution of the Sustainable Coastal Tourism Handbook. In 2003, CRMP made a plenary presentation in the LMP National Convention on the need for improved CRM and fisheries management in all coastal municipalities and distributed the "Philippine Fisheries in Crisis" book.

CLEAR7 continued to function in 2003. Members include DILG, DENR, DA-BFAR, PNP, PCG, LMP-Bohol, ELAC, Regional Prosecutors Office, and the NBI, plus selected LGUs in the area. Activities focus on priority illegal activities such as blast fishing, intrusion of commercial boats in municipal waters (in Bohol), among others. CLEAR7 was given a substantial boost in 2003 with the launching of the Police Environment Desk Officers nationwide but with an initial focus on Region 7 for training. At the same time, CLEAR7 provided support to budding sub-regional law enforcement operations that include multi-municipal groups in southern Cebu, Bohol, and Siquijor. Similar groups become more active and effective in the Davao Gulf area.

Showcasing CRM Successes that have Evolved in Learning Area Provinces: In 2000 CRMP shifted its emphasis toward assisting coastal provinces to develop provincial CRM plans and programs aimed toward assisting coastal municipalities and cities deliver CRM as a basic service. To showcase this role and recognize provincial "champions" in CRM, the DENR, League of Provinces in the Philippines (LPP), and the project organized the Philippine Provincial CRM Festival held in February 2002 in Cebu City. CRMP has strengthened provincial delivery of CRM as a basic service in eight provinces: Bohol, Cebu, Negros Oriental, Palawan, Davao del Sur, Sarangani, Romblon, and Masbate. The question to be answered in 2003, was how to maintain this momentum at the municipal and provincial levels. An idea that came forth in the 2002 CRM Festival was to showcase the best example of successful CRM best practices at the local level in selected areas. This has

taken shape during 2003 through a series of CRM Destinations and Showcase Tours. Examples of these to build CRM sustainability include:

Bohol Province Showcase tour includes: Visits to selected LGUs with successful MPAs that are well managed and are accruing benefits from improved fisheries, tourism or both. Visit to the Bohol Environmental Management Office (BEMO) so it can demonstrate its use of the MCD in planning, how it provides support to selected LGUs in CRM planning and best practice implementation, and how it is able to address issues such as widespread illegal sand mining from beaches and islands and illegal fishing in municipal waters. The Bohol Coastal Law Enforcement Councils that address coastal law enforcement issues by district are also on the tour to explain certain gains from improved law enforcement.

Olango Island, Cebu tour includes: This tour includes the Olango Island Bird and Seascape Tour and the Gilutongan Island Marine Sanctuary, both of which are community managed and are generating income for residents as well as the LGUs.

Davao Provinces tour includes: A visit to an active law enforcement operation in Davao del Sur that also has the first ever provincial-wide CRM plan that has actively supported the initial stages of implementation through technical support to constituent LGUs by the province. This tour also includes a visit to Mati, Davao Oriental where the PAMB is working to protect mangroves and nearshore habitats through a functional organization and structure.

Masbate Province tour includes: A visit to the Masbate CRM Interpretative Center in Masbate City as well as a tour to several municipalities that are actively planning for and protecting shoreline and beach areas. Masbate also has legislated a Provincial Environment Code and has taken an active role in providing technical assistance to municipalities in CRM implementation.

Negros Oriental tour includes: A visit to Dauin Municipality, that in addition to the well-known Apo Island Sanctuary, now has six functioning MPAs with user fee systems that is fully endorsed and assisted by the diving tourism sector. Dauin also shows off its shoreline management plans and how it is enforcing its fishery laws within municipal waters.

Overall, 2003 marked a year of transition for CRMP by looking more directly at how to make sustainable what is functioning at the local government level through improved monitoring and evaluation, eventual CRM certification in selected LGUs, and the showcasing of best CRM and fisheries management practices in selected areas. A large effort was extended to focus on the large issue of overfishing in the country and how this might be addressed. The culmination of numerous workshops and several research projects that focus both on Region 7 and at the national level are highlighting the plight of

fisheries with better information than in the past through the soon to be published book: "In Turbulent Seas: The Status of Philippine Marine Fisheries". A profile of mollusk fisheries is also nearing completion for distribution in 2004. Because overfishing is exacerbated by illegal entrance of commercial boats in municipal waters, a continuing effort was made to enable national and local governments to formally delineate their municipal water boundaries. In addition, the need for an improved national policy framework in support of coastal management has moved closer to reality through the draft EO on ICM to be signed in 2004. DENR has also initiated a new "Integrated Coastal Resource Management Project" (ICRMP) with the support of ADB that will commence in 2005 to continue to build the national and local gains in CRM initiated by CRMP and other projects. The ICRMP will be dependent on the institutional capacity within DENR to manage the effort through the Coastal and Marine Management Office and its equivalent in the regions through the CMMD and CMMS.

**APPENDIX A
PERFORMANCE INDICATOR
26 PAGES**

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	PRODUCTIVE, LIFE-SUSTAINING NATURAL RESOURCES PROTECTED, ILLEGAL FISHING REDUCED
APPROVED:	December 31, 2002 (Revised)
SO INDICATOR:	Kilometers of shoreline where improved management of coastal resources is being implemented
UNIT OF MEASURE:	Kilometers of shoreline in core areas and expansion areas
SOURCE DOCUMENT:	Local government unit records, contractor's activity report, independent surveys
SOURCE ORGANIZATION:	Local government units; TetraTech (contractor); USAID staff
INDICATOR DESCRIPTION:	Kilometers of shorelines from municipalities are counted when the following criteria in local implementation are reached: 1) Annual LGU budget allocated for CRM 2) Resources management organizations are formed and active 3) Best CRM practices are being implemented Data is collected annually.

YEAR	PLANNED	ACTUAL
1996	0	0
1997	0	0
1998	40	132
1999	670*	741
2000	1,200	1,410
2001	2,100	3,056
2002	3,000	3,187
2003	3,250	3,589
2004	3,500	

COMMENTS:

1996 is activity start-up year; however, the result framework for the CRM activity was revised in the 4th Quarter 1998, mid-term during the project. A total of 2,100 km of shoreline (670* km from core areas plus 1,430 km from expansion areas) was targeted for completion by the end of the year 2001.

Kilometers of shoreline where improved management of coastal resources is being implemented is counted from core areas and expansion areas. Core areas (CRMP Learning Areas) are where CRM interventions are directly assisted by CRMP. Core areas contribute 670* km of shoreline to the overall strategic objective of 3,000 km of shoreline where improved management of coastal resources is being implemented by the end of the year 2002. Actual km. completed at the end of 2002 was 3,187 km.

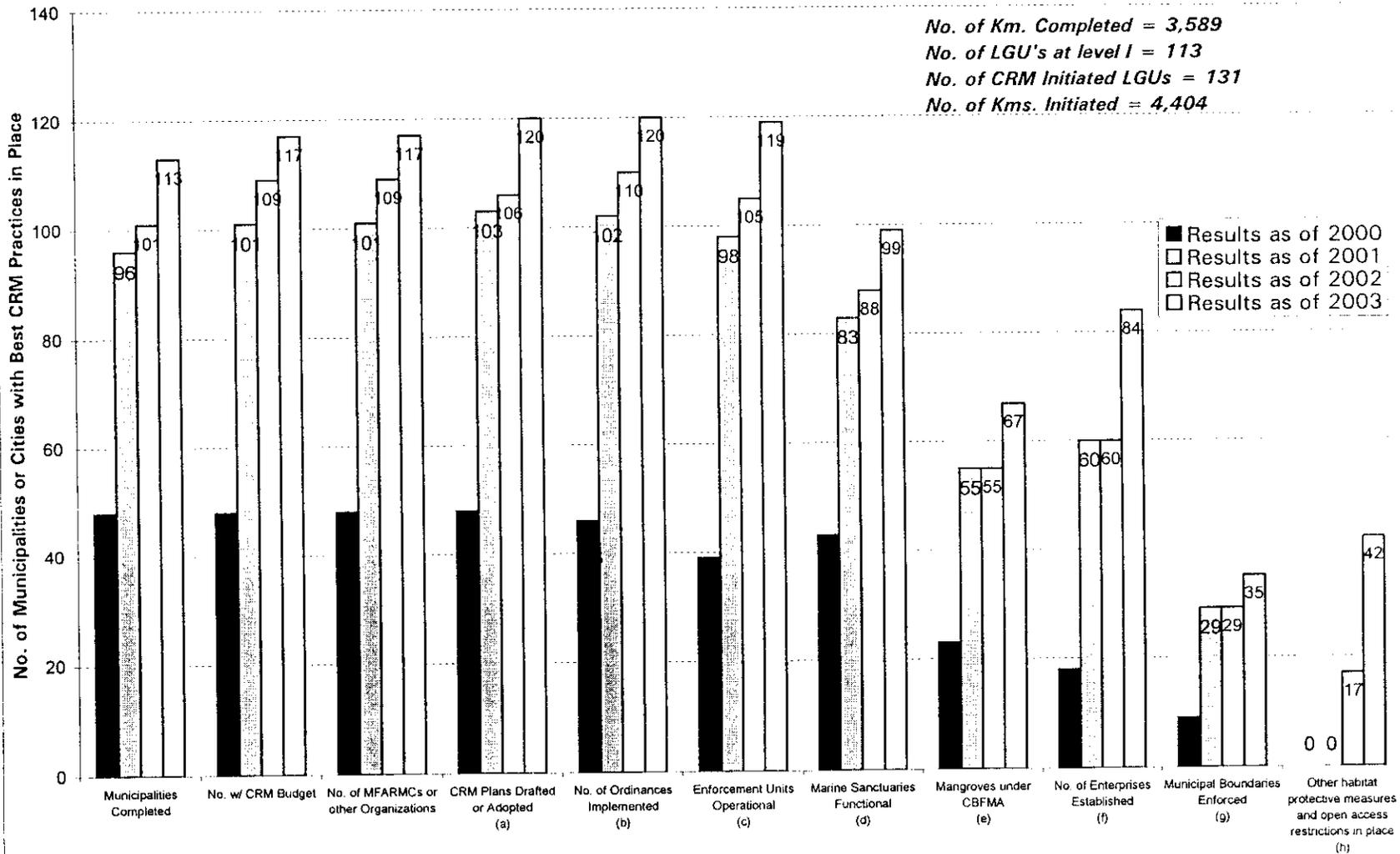
Local implementation in expansion areas is where CRM interventions are catalyzed through collaboration and use of CRMP products, services and limited technical assistance. Expansion areas contribute 2,330 km of shoreline to overall strategic objective of 3,000 km of shoreline where improved management of coastal resources is being implemented by the end of the year 2002 and 3,500 by year 2004.

2003 – Kilometers of shoreline completed by end of 2003 exceeded the 3,250 km targeted by 339 km. The Municipal Coastal Database Summary Table 1 in Annual Report provides supporting data by municipality for Strategic Objective and Intermediate Result 1 indicators.

* The actual number of km for core areas was revalidated in 2001 and was reduced to 655. however this re-adjustment does not affect the total number of km. actually achieved.

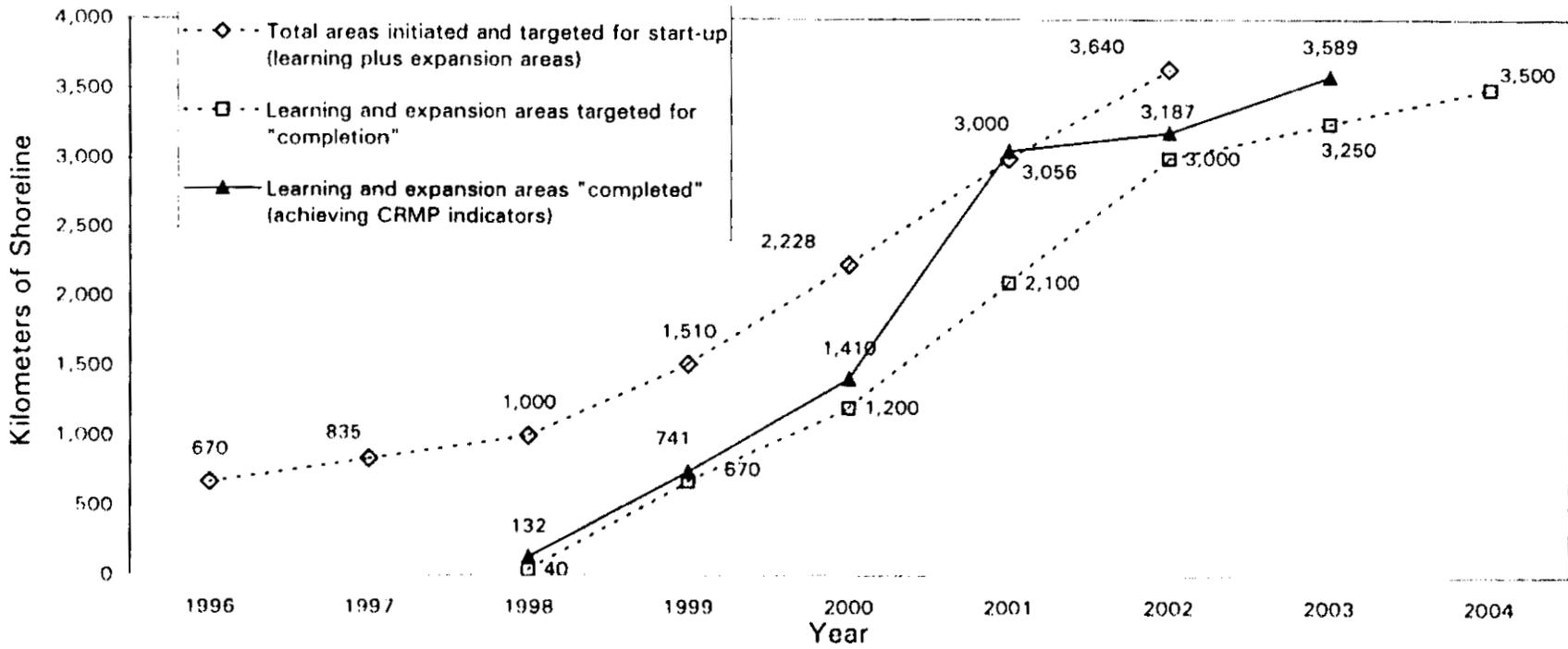
Status of CRM Implementation in CRMP Assisted Learning and Expansion Area Municipalities (December 2003)

A-2



53

Kilometers of Shoreline where Improved Management of Coastal Resources is being implemented



A-3



Municipal Coastal Database Summary Table 1

CRMP Learning Areas & Expansion Areas (Local CRM Implementation)
 Status of CRMP Completed LGUs (as of December 2003)

Province/Municipality (No. of Coastal Barangays)	Shoreline Length (km)	Local CRM Implementation Indicators**					Km Shoreline Completed as of			Total
		1	2		3	Dec 2001	Dec 2002	Dec 2003		
			Mun.	Brgy.						
Bohol										
Learning Area										
Buenavista	11	9	✓	✓	1	a, b, c, d, f, h	8			8
Calape	17	15	✓	✓	2	a, b, c, d, e, g, h	15			15
Clarín	7	7	✓	✓	1	a, b, c, d, f, h	7			7
* Inabanga	20	14	✓	✓	1	a, b, c, d, e, g, h	14			14
Tubigon	18	13	✓	✓	2	a, b, c, d, e, f, g, h	13			13
Subtotal	73	57	5	5	7		57			57
Expansion Area										
Albuquerque	6	5	✓	✓	1	a, b, c, d, f	5			5
Anda	8	19	✓	✓	2	a, b, c, d	19			19
Bien Unido	15	12	✓	✓	2	b, c, d, h				
Candijay	8	10	✓	✓	2	a, b, c, d, e, f, h	10			10
Dimiao	8	6	✓	✓	8	(a), b, c, d, f, g, h			6	6
García Hernández	11	16	✓	✓	11	a, c, f, g, h			16	16
* Getafe	19	17	✓	✓	2	a, b, c, d, e, f, h	17			17
Guindulman	7	16	✓	✓	2	a, b, c, d, f, h	16			16
Jagna	14	14	✓	✓	14	a, b, c, d, f, g, h			14	14
Loay	13	11	✓	✓	1	a, b, c, d	11			11
Loon	32	24	✓	✓	6	a, b, c, d, e, f, g, h	24			24
Mabini	11	29	✓	✓	3	a, b, c, d, e, f	29			29
Maribojoc	9	10	✓	✓	2	a, b, c, d, e, f, g, h	10			10
Panglao	10	25	✓	✓	1	c, d				
President García Is.	23	57	✓	✓	2	b, c, d				
Talibon	15	21	✓	✓	4	b, c, d				
Ubay	21	39	✓	✓	7	c, d				
Subtotal	230	331	16	16	70		141		36	177
Total	303	388	21	21	77		198		36	234
Cebu										
Learning Area										
Cordova	1	13	✓	✓	4	(a), b, c, d, e, f, h	13			13
Lapu-Lapu City	10	48	✓	✓	16	(a), b, c, d, e, f	48			48
Subtotal	11	61	2	2	20		61			61
Expansion Area										
• Southwest Cluster										
Alcantara	3	5	✓	✓	3	a, b, c, d, e, f	5			5
Alegria	4	13	✓	✓	3	a, b, c, d, e, f, g	13			13
Badian	12	23	✓	✓	10	a, b, c, d, e, f	23			23
Barili	8	17	✓	✓	5	a, b, c, d, e, f, g	17			17
* Dumanjug	8	16	✓	✓	7	a, b, c, d, e, g, h	16			16
Ginatilan	5	8	✓	✓	1	a, b, c, e	8			8
Malabuyoc	6	13	✓	✓	3	a, b, c, d, e, f	13			13
* Moalboal	8	27	✓	✓	7	a, b, c, d, e, f	27			27
Ronda	5	7	✓	✓	4	a, b, c, d, e, f	7			7
* Samboan	7	11	✓	✓	1 (P.O.)	a, b, c, d, g, h		11		11
• Southeast Cluster										
* Alcoy	6	8	✓	✓	4	a, b, c, d, f, g, h	8			8
Argao	10	25	✓	✓	5	a, b, c, d, e, f, h		25		25
Boljoon	7	10	✓	✓	3	a, b, c, d, g, h	10			10
* Dalaguete	10	15	✓	✓	10	a, b, c, d, e, f, g, h	15			15
Oslob	16	23	✓	✓	3	a, b, c, d, e, f, g, h	23			23
Santander	6	12	✓	✓	1	a, b, c, d, e, f, g		12		12
* Sibonga	7	13	✓	✓	7	a, b, c, d, f, g	13			13
• Northern Cebu										
Bogo	11	23	✓	✓	3	(a), b, c, d, e, f	23			23
Subtotal	139	270	18	18	80		222	48		270
Total	150	331	20	20	100		283	48		331

55



Municipal Coastal Database Summary Table 1
CRMP Learning Areas & Expansion Areas (Local CRM Implementation)
 Status of CRMP Completed LGUs (as of December 2003)

Province/Municipality (No. of Coastal Barangays)	Shoreline Length (km)	Local CRM Implementation Indicators**			Km Shoreline Completed as of			Total	
		1	2		3	Dec 2001	Dec 2002		Dec 2003
			Mun.	Brgy.					
Davao del Sur									
Learning Area									
* Hagonoy	5	8	✓	✓	5	a, b, c, d, e, f, h	8		8
* Malalag	3	8	✓	✓	8	a, b, c, d, e, f, h	8		8
* Padada	4	6	✓	✓	12	a, b, c, d, e, h	8		8
Santa Maria	8	48	✓	✓	9	a, b, c, d, e, f	48		48
* Sulop	1	5	✓	✓	9	a, b, c, d, e, f	5		5
Subtotal	21	75	5	5	41		75		75
Expansion Area									
Digos	4	11	✓	✓	4	a, b, c, e, f	11		11
Don Marcelino	10	35	✓	✓	10	(a), b, c, d	35		35
Jose Abad Santos	23	72	✓	✓	23	(a), b, c, f		72	72
Malita	10	32	✓	✓	10	a, b, c, d, e, f	32		32
Santa Cruz	11	34	✓	✓	11	a, b, c, d, e, f, h	34		34
Sarangani	11	60	✓	✓	11	a, b, c, e, f	60		60
Subtotal	69	244	6	6	69		172	72	244
Total	90	319	11	11	110		247	72	319
Negros Oriental									
Learning Area									
Amlan	5	7	✓	✓	5	a, b, c, d, e, f, h	7		7
Bacong	6	7	✓	✓	6	a, b, c, d, e, f, h	7		7
Bais City	13	30	✓	✓	13	a, b, c, d, e, f	30		30
* Dauin	9	10	✓	✓	9	a, b, c, d, e, f	10		10
* Dumaguete City	9	7	✓	✓	9	a, b, c, d, f	7		7
Manjuyod	10	16	✓	✓	10	a, b, c, d, e, f, h	16		16
San Jose	6	6	✓	✓	6	a, b, c, d, f, h	6		6
Sibulan	6	9	✓	✓	6	a, b, c, d	9		9
Tanjay	9	19	✓	✓	9	a, b, c, d, e, g	19		19
Subtotal	73	111	9	9	73		111		111
Expansion Area									
Ayungon	8	18	✓	✓		a, b, c, d, e	18		18
Basay	5	12	✓	✓		a, c, d, e	12		12
Bayawan	7	14	✓	✓		a, b, c, d, e	14		14
Bindoy	6	13	✓	✓		a, b, c, d, e	13		13
Guihulngan	10	27	✓	✓	10	a, b, c, d, e	27		27
Jimalalud	6	9	✓	✓		a, d			
La Libertad	6	26	✓	✓	1	a, b, c, d, e, h	26		26
Santa Catalina	8	35	✓	✓		a, c, d, e	35		35
Siaton	14	51	✓	✓	14	a, b, c, d, e, f	51		51
Tayasan	7	8	✓	✓		a, b, d, e	8		8
Vallehermoso	7	13	✓	✓		a, b, c, d, e	13		13
Zamboanguita	4	11	✓	✓		a, b, c, d		11	11
Subtotal	88	237	10	12	25		217	11	228
Total	161	348	19	21	98		328	11	339
Palawan									
Learning Area									
San Vicente	10	120	✓	✓	6	a, b, c, d, e, f, g, h	120		120
Subtotal	10	120	1	1	6		120		120
Expansion Area									
Aborlan	9	70	✓	✓		(a), b, c, e, f, h	70		70
Agutaya	10	50	✓	✓		b, c, d, f			
Bataraza	19	95	✓	✓		a, b, c, d, f	95		95
Brooke's Point	14	60	✓	✓		a, b, c, d, g, h	60		60
Cagayancillo	12	90	✓	✓		a, b, c, d, f, g, h	90		90
Coron	22					b, c, f			
Cuvo	12	45	✓	✓		b, c, d, f			
El Nido		361				c, f			



Municipal Coastal Database Summary Table 1

CRMP Learning Areas & Expansion Areas (Local CRM Implementation)

Status of CRMP Completed LGUs (as of December 2003)

Province/Municipality (No. of Coastal Barangays)	Shoreline Length (km)	Local CRM Implementation Indicators**				Km Shoreline Completed as of			Total	
		1	2		3	Dec 2001	Dec 2002	Dec 2003		
			Mun.	Brgy.						
Magsaysay	10	33	✓	✓	a, b, c	33			33	
Narra	13	70	✓	✓	(a), b, d	70			70	
Puerto Princesa	45	180	✓	✓	a, b, c, d, f	180			180	
Quezon	11				(a), b, c, f, h	135			135	
Rizal	11	110	✓	✓	a, b					
Roxas	17				b, c, d, f, g					
Taytay	28				b, c, f, g					
Subtotal	233	1,164	10	8		733			733	
Total	243	1,284	11	9	6	853			853	
Sarangani										
Learning Area										
* Alabel	3	11	✓	✓	3	a, b, c, d, e, f	11			11
* General Santos City	9	30	✓	✓	9	a, b, c, e, f	30			30
* Glan	16	66	✓	✓	16	a, b, c, d, e, f	66			66
* Kiamba	13	37	✓	✓	13	a, b, c, d, e, f	37			37
* Maasim	12	45	✓	✓	12	a, b, c, e, f	45			45
* Maitum	7	24	✓	✓	7	a, b, c, e, f	24			24
* Malapatan	6	18	✓	✓	6	a, b, c, e, f	18			18
Subtotal	66	231	7	7	66		231			231
Special Expansion Areas										
Batangas										
Mabini	40	26	✓	✓	2	(a), b, c, d, f	26			26
Tingloy	8	30	✓	✓	2	a, b, c, d, f	30			30
Subtotal	48	56	2	2	4		56			56
Davao City	22	60	✓	✓	22	(a), b, c, f, h			60	60
Subtotal	22	60	1	1	22				60	60
Davao del Norte										
Samal Island		116	✓	✓		a, b, c, d, e, f	116			116
Subtotal		116	1	1			116			116
Davao Oriental										
Mati	16	161	✓	✓	16	(a), b, c, e, f			161	161
Baganga	11	44	✓	✓	11	(a), b, e, f			44	44
Subtotal		205	1	1	27				205	205
Leyte										
Palompon	10	29	✓	✓		a, b, c, d	29			29
Subtotal	10	29	1	1			29			29
Masbate										
Aroroy	22	101	✓	✓	22	(a), b, c, d, f, g	101			101
Baleno	11	15			1	(a), d				
Balud	28	58	✓	✓	4	(a), b, c, d, g	58			58
Batuan	10	29	✓	✓	9	(a), b, e, f, h, g	29			29
Cataingan	7	38			6	(a), g				
Cawayan	17	38	✓	✓	10	(a), b, c, d	38			38
Claveria	22	106	✓	✓	1	(a), b, c, f	106			106
Dimasalang	20	10			9	(a), b, d				
Esperanza	11	19	✓	✓	3	(a), b, c, g	19			19
Mandaon	18	53	✓		18	(a), b, d, f	53			53
Masbate	30	29	✓	✓	14	a, b, c, d, f, h	29			29
Milagros	17	55	✓	✓	12	(a), b, c, f, g	55			55
Mobo	11	25	✓	✓	6	(a), b, c, f	25			25
Monreal	8	45				(a)				
Palanas	5	15	✓	✓	5	(a), b, c, d, f, g	15			15



Municipal Coastal Database Summary Table 1
CRMP Learning Areas & Expansion Areas (Local CRM Implementation)
 Status of CRMP Completed LGUs (as of December 2003)

Province/Municipality (No. of Coastal Barangays)	Shoreline Length (km)	Local CRM Implementation Indicators**			Km Shoreline Completed as of			Total	
		1	2		3	Dec 2001	Dec 2002		Dec 2003
			Mun.	Brgy.					
Pio V. Corpus	12	26	✓	✓	11	(a), b, c, f, g	28		26
Placer	17	21	✓	✓	3	(a), b, c, f, g	21		21
San Fernando	10	16		✓	3	(a)			
San Jacinto	15	30	✓	✓	10	(a), b, c, f, g	30		30
San Pascual	19	85	✓	✓		(a), b, c, f	85		85
Uson	12	25	✓	✓	11	(a), b, c, f, g	25		25
Subtotal	322	837	16	16	158		715		715
Romblon									
Alcantara	12	18							
Banton	17	36							
Cajidiocan	14	28							
Calatrava	7	20							
Concepcion	9	20							
Corcuera	15	23							
Ferrol	6	13							
Looc	12	20							
Magdiwang	9	21							
Odiangan	25	18							
Romblon	28	64							
San Agustin	15	23							
San Andres	13	18							
San Fernando	12	44							
San Jose	5	21							
Santa Fe	11	54							
Santa Maria	6	19							
Subtotal	216	460							
Siquijor									
Enrique Villanueva	9	11	✓	✓		a, b, c, d, e, h			11
Larena	11	11	✓	✓		a, b, c, d, e			11
Lazi	7	16	✓	✓		a, b, c, d, e			16
Maria	13	23	✓	✓		a, b, c, d, e			23
San Juan	11	19	✓	✓		a, b, c, d, h			19
Siquijor	18	21	✓	✓		a, b, c, d, e, h			21
Subtotal	69	101	6	6					101
Sultan Kudarat									
Lebak	25	21							
Kalamansig	15	27							
Palimbang	39	65							
Subtotal	79	113							
Surigao del Norte									
Bacuag	9	14							
Claver	14	38							
Gigaquit	12	13							
Placer	18	7							
Socorro	13	143							
Surigao City	53	181							
Tagana-an	12	97							
Subtotal	131	493							



Municipal Coastal Database Summary Table 1

CRMP Learning Areas & Expansion Areas (Local CRM Implementation)
 Status of CRMP Completed LGUs (as of December 2003)

Province/Municipality (No. of Coastal Barangays)	Shoreline Length (km)	Local CRM Implementation Indicators**			Km Shoreline Completed as of			Total	
		1	2		3	Dec 2001	Dec 2002		Dec 2003
			Mun.	Brgy.					
Surigao del Sur									
Cantilan	16	19							
Carmen	8								
Carrascal	11	70							
Cortes	12	35							
Lanuza	22	21							
Madrid	14	3							
<i>Subtotal</i>	<i>83</i>	<i>148</i>							
Learning Area Total	254	655	29	29	213	655	0	0	655
Expansion Area Total	1,648	4,864	88	88	455	2,401	131	402	2,934
Project Total	1,902	5,133	117	117	587	3,056	131	402	3,589
Accumulated Total									
Total Number of Municipalities						96	5	12	113

Notes :

* CRM certified municipalities (CRM Level 1):

** Local CRM Implementation Indicators (CRM Level 1):

Indicator 1: Resources for CRM allocated by local government units

Indicator 2: Resource management organizations (municipal FARMCs) formed and active

Indicator 3: At least 2 CRM best practices (interventions) are being implemented by the LGU such as:

- | Symbol | Description of CRM Best Practice |
|--------|---|
| a | CRM plans adopted |
| b | Fisheries and coastal management ordinances implemented |
| c | Coastal law enforcement units operational |
| d | Marine sanctuaries functional |
| e | Mangroves under Community-based Forest Management Agreements (CBFMAs) |
| f | Environmentally-friendly enterprises established |
| g | Municipal water boundaries enforced |
| h | Other habitat protective measures and open access restrictions in place |

✓ Yes

() Indicates that significant progress has been made in achieving CRM "best practices" (e.g. CRM plans drafted but not yet adopted or FARMC formed but not yet active)



Marine Protected Areas within CRMP coverage of assistance Table 2
Municipal Marine Protected Areas

Municipality/ City	MPA name	Year legally established as MPA	MPA size (ha)	Inside Area of NIPAS
Bohol				
Alburquerque	Alburquerque-Loay-Loboc Protected	2000	1,164.16	Yes
Alburquerque	Sta. Felomina Marine Sanctuary	2000	12.20	Yes
Baclayon	Pamilacan Island Fish Sanctuary	1986	11.90	No
Buenavista	Asinan Fish Sanctuary	2000	50.00	No
Buenavista	Eastern Cabul-an Fish Sanctuary	1999	50.00	No
Calape	Lomboy-Cahayag Fish Sanctuary	1995	8.60	Yes
Clarín	Lajog Marine Sanctuary	1999	11.96	No
Dimiao	Pulangyuta Fish Refuge & Sanctuary	2001	18.56	No
Dimiao	Taong-Canandam Sanctuary	2001	26.70	No
Getafe	Jagoliao (A) Marine Sanctuary	2002	10.50	No
Getafe	Jagoliao (B) Marine Sanctuary	2002	20.00	No
Getafe	Nasingin Marine Sanctuary	2002	20.00	No
Guindulman	Basdio Marine Sanctuary	2001	18.40	No
Guindulman	Cabantian Marine Sanctuary	2002	22.22	No
Guindulman	Guinacot Marine Sanctuary	2002	13.70	No
Inabanga	Cagawasan Seagrass Sanctuary	2000	17.31	No
Inabanga	Lawis Seagrass Sanctuary	2000	9.90	No
Inabanga	Ondol Seagrass Sanctuary	2000	1.86	No
Inabanga	Sto. Niño Seagrass Sanctuary	2000	10.10	No
Loay	Tayong Occidental Marine Sanctuary	2001	24.00	No
Loay	Tayong Oriental Marine Sanctuary	2002	18.00	No
Loon	Cabacongan Fish Sanctuary	1997	11.80	Yes
Loon	Calayugan Norte Shell Garden and Fish "	2002	6.57	No
Loon	Calayugan Sur Fish Sanctuary	1997	14.50	Yes
Loon	Cogon Norte Shell Garden and Fish Refug	2000	6.61	No
Loon	Cuasi Fish Refuge and Sanctuary	2001	10.00	No
Loon	Pantudlan Fish Sanctuary	1999	10.00	No
Loon	Sondol Fish Sanctuary	1999	10.00	No
Maribojoc	Maraag Marine Sanctuary	2001	12.26	No
Panglao	Balicasag Island Fish Sanctuary	1986	3.44	No
Tubigon	Batasan Island Marine Sanctuary	1999	21.00	Yes
Subtotal 31			1,646.25	
Cebu				
Santander	Pasil Marine Sanctuary	2002	10.45	No
Boljoon	Granada Marine Sanctuary	2001	9.35	No
Boljoon	Arbor Marine Sanctuary	2001	9.00	No
Alegria	Madridejos Marine Sanctuary	1994	10.78	No
Alegria	Sta. Filomena Marine Sanctuary	1994	5.60	Yes
Alegria	San Jose Parish Marine Sanctuary	1994	2.10	Yes
Alcantara	Makalagom Restricted Area	2002	5.68	No
Alcantara	Binlanan Restricted Area	2002	1.40	No
Samboan	Colase Marine Sanctuary	1993	16.00	Yes
Alcoy	Mabad-on Marine Sanctuary	2002	22.71	No
Cordova	Gilutongan Island Marine Sanctuary	1999	14.89	No
Cordova	Nalusuan Marine Sanctuary	2002	83.20	No
Cordova	Day-as Marine Park	2003	16.20	No
Barili	Barili Marine Sanctuary	1990	15.90	Yes
Oslob	Sumilon Island Fish Sanctuary	1974	39.73	No
Oslob	Gawi Marine Sanctuary	2003	12.40	No
Malabuyoc	Sto. Niño Marine Sanctuary	1998	14.18	Yes



Marine Protected Areas within CRMP coverage of assistance Table 2
Municipal Marine Protected Areas

Municipality/ City	MPA name	Year legally established as MPA	MPA size (ha)	Inside Area of NIPAS
Malabuyoc	Poblacion Marine Sanctuary		7.00	Yes
Ronda	Sta. Cruz Marine Sanctuary	2002	12.01	Yes
Moalboal	Pescador Island Marine Sanctuary	1996	4.50	No
Moalboal	Tong Fish Sanctuary	1988	4.20	Yes
Moalboal	Saavedra Fish Sanctuary	1987	8.10	Yes
Dumanjug	Bitoon Marine Sanctuary	1997	27.85	Yes
Dumanjug	Camboang Marine Sanctuary	1997	4.80	Yes
Alcoy	Poblacion Marine Sanctuary	2002	6.38	No
Badian	Matutinao Marine Sanctuary	2003	15.00	Yes
Badian	Ginablan Marine Sanctuary	2003	10.00	Yes
Badian	Bato Marine Sanctuary	2003	25.00	Yes
Badian	Lambog Marine Sanctuary	2003	25.00	Yes
Badian	Sunken Island Marine Sanctuary	2003		Yes
Badian	Zaragosa Marine Sanctuary	1987	9.70	Yes
Dalaguete	Balud-Consolacion Marine Sanctuary	2003	12.70	No
Dalaguete	Casay Marine Park and Fish Sanctuary	2002	5.00	No
Sibonga	Bagacay Fish Refuge and Sanctuary	2000	23.61	No
Bogo	Capitancillo Marine Sanctuary	2003	22.00	No
Bogo	Siocon Marine Sanctuary	2003	12.00	No
Subtotal 36			524.41	
Negros Oriental				
Amlan	Bio-os Marine Reserve	199	8.87	Yes
Amlan	Tandayag Marine Reserve	1996	6.00	Yes
Ayungon	Iniban Marine Reserve	1996	8.00	Yes
Bacong	Buntis Marine Sanctuary	2000	5.97	No
Basay	Bongalonan Marine Sanctuary	1993	20.00	No
Bindoy	Cabugan Fish Sanctuary	1993	6.90	Yes
Bindoy	Malaga Marine Reserve	1996	7.50	Yes
Bindoy	Tinaogan Marine Reserve	1996	25.30	Yes
Dauin	Poblacion District 1 Marine Reserve	2000	9.18	No
Dauin	Masaplod Norte Marine Reserve	1997	6.00	No
Dauin	Maayong Tubig Marine Reserve	2000	7.00	No
Dumaguete City	Banilad Marine Reserve	2001	12.25	Yes
Guihulngan	Malusay Marine Reserve	1996	6.00	Yes
Guihulngan	Hilaitan Marine Reserve	1996	6.00	No
La Libertad	San Jose Marine Reserve	1996	10.00	Yes
Manjuyod	Bolisong Marine Sanctuary	1995	10.00	Yes
Manjuyod	Campuyo Marine Sanctuary	1994	10.00	Yes
San Jose	Poblacion Marine Reserve	1994	4.00	Yes
Siaton	Andulay Marine Sanctuary	1993	6.40	No
Siaton	Salag Marine Reserve	2001	10.00	No
Sibulan	Cangmating Marine Reserve	1997	6.00	Yes
Sibulan	Agan-an Marine Reserve	1998	6.00	Yes
Tanjay	Tayabas Reef Marine Sanctuary	1998	2.00	Yes
Tayasan	Cabulotan Marine Reserve	1993	6.00	Yes
Subtotal 24			205.37	
Province of Davao del Sur				
Hagonoy	Hagonoy Fish Sanctuary	1998	50.00	No
Padada	Padada Fish Sanctuary	1993	50.00	No
Sulop	Balasinon Fish Sanctuary	1997	50.00	No
Malalag	Malalag Fish Sanctuary	1993	50.00	No



Marine Protected Areas within CRMP coverage of assistance Table 2
Municipal Marine Protected Areas

Municipality/ City	MPA name	Year legally established as MPA	MPA size (ha)	Inside Area of NIPAS
Sta. Maria	Sto. Niño-Basiawan Fish Sanctuary	1999	50.00	No
Malita	Tubalan Fish Sanctuary	on-going	60.00	No
Malita	New Argao & Culaman Marine Reserve	on-going	50.00	No
Subtotal	7		360.00	
Province of Davao del Norte				
Island Garden City of Samal	Aundanao Fish Sanctuary	1995	5.00	No
Subtotal	1		5.00	
Palawan				
San Vicente	Port Barton Marine Park	1998	6,500.00	No
San Vicente	Albagnen Island Fish Sanctuary			No
San Vicente	Nagolon Island Fish Sanctuary		5.00	No
Subtotal	3		6,505.00	
Sarangani				
Kiamba	Tuka Marine Sanctuary	1999	10.00	Yes
Alabel	Kawas Fish Sanctuary	1999	15.00	Yes
Glan	Glan Padidu	1998	12.00	Yes
Glan	Kabug Fish Sanctuary	1993	12.00	Yes
Glan	Pangyan	1995	70.00	Yes
Glan	Batulaki	1993	64.00	Yes
Subtotal	6		183.00	
Masbate				
Masbate City			51.65	No
Subtotal	1		51.65	
Batangas				
Mabini	Cathedral Rock Fish Sanctuary	1991	17.64	No
Mabini	Arthur's Rock Fish Sanctuary	1991	28.64	No
Mabini	Twin Rocks Fish Sanctuary	1991	20.00	No
Tingloy	Batalang-Bato Fish Sanctuary	2002	4.30	No
Bauan	Dive and Trek Fish Sanctuary		8.77	No
Subtotal	5		79.35	
Siquijor				
Siquijor	Caticugan Fish Sanctuary	1989	13.51	No
Enrique Villanueva	Tulapos Marine Sanctuary	1996	24.45	No
San Juan	Tubod Fish Sanctuary		7.50	No
Larena	Taculing Fish Sanctuary	1988	5.01	No
Maria	Olang Fish Sanctuary		20.09	No
Subtotal	5		70.56	
Total	119	Area	9,630.59	
Declared by National Protected Areas System (NIPAS)				
Talibon, Bohol	Talibon Group of Island Protected	1998	6,455.87	N.A
Negros Oriental, Bohol, Cebu,	Tañon Strait Protected Landscape and Seascape	1998	no data	N.A
Dauin, Negros	Apo Island Protected Landscape and	1986 amended	691.45	N.A
Cagayancillo,	Tubbataha Reef National Marine Park	1988	33,200.00	N.A
Mati, Davao Oriental	Pujada Bay Protected Landscape/Seascape	1994	21,200.00	N.A
Baganga, Davao Oriental	Baganga Prtoected Landscape and Seascape	no data	no data	N.A
Island Garden City of Samal	Samal Island Protected Seascape and Landscape	no data	no data	N.A



Marine Protected Areas within CRMP coverage of assistance Table 2
Municipal Marine Protected Areas

Municipality/ City	MPA name	Year legally established as MPA	MPA size (ha)	Inside Area of NIPAS
Sarangani	Sarangani Seascape	1996	34,500.00	N.A
<i>Total</i>	8		96,047.32	

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	PRODUCTIVE, LIFE-SUSTAINING NATURAL RESOURCES PROTECTED, ILLEGAL FISHING REDUCED
APPROVED:	December 31, 2002 (Revised)
SO INDICATOR:	Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries
UNIT OF MEASURE:	Average percent change compared to baseline
SOURCE DOCUMENT:	Biophysical survey data, contractor's activity report
SOURCE ORGANIZATION:	University of the Philippines Marine Science Institute; TetraTech (contractor)
INDICATOR DESCRIPTION:	<p><i>Fish abundance inside and adjacent to marine sanctuaries:</i> Average percent change (in comparison to base years) in fish abundance inside and adjacent to six marine sanctuaries, using standard survey methods. Fish abundance will be estimated three times over the life of the project.</p> <p><i>Coral cover inside and adjacent to marine sanctuaries:</i> Percent living coral cover inside and adjacent to six marine sanctuaries, using standard transect methods. Coral cover will be estimated three times over the life of the project.</p>

YEAR	PLANNED (Fish abundance) (Inside/Adjacent)	ACTUAL (Inside/Adjacent)	PLANNED (Coral cover) (Inside/Adjacent)	ACTUAL (Inside/Adjacent)
1996				
1997				
1998	0/0	175/332	0/0	37/-28
1999	10/0	381/784	5/0	84/-19
2000	20/5	74/109	10/2	9/-3
2001	30/10	233/79	12/4	43/39
2002	40/15		15/6	
2003	40/15	905/314	15/6	46/-6
2004	40/15		15/6	

COMMENTS:

Changes in fish abundance and coral cover inside and adjacent to marine sanctuaries may be influenced by a wide range of biophysical factors independent of human activities, for example, large-scale climatic-induced changes in sea surface temperature that results in coral bleaching.

1998 - El Niño oceanographic conditions marked the year and resulted in fairly widespread occurrence of coral bleaching; Observations of localized infestations of the Crown-of-Thorns seastar (coral-eating seastars).

1999 - Baseline data collection complete for 2 additional learning areas, for a total of 6 marine sanctuaries (with 2 sanctuaries being monitored within Bohol LA and no sanctuaries identified as appropriate in Malalag LA). Annual monitoring complete for all 6 sanctuaries.

2000 – Updates on the six sanctuaries show significant increases in fish abundance and recovery of coral cover from the bleaching event of 1998. Fish abundance reflects the relatively good protection within the six sanctuaries.

2001 – Recovery of living coral cover continues as well as fish abundance reflecting adequate enforcement and stable environmental conditions

2002 – No data collection in 2002

2003 – Living coral cover continues to increase and fish abundance stable or improving inside all the sanctuaries. Conditions adjacent to the sanctuaries vary according to management and ecological conditions.

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	PRODUCTIVE, LIFE-SUSTAINING NATURAL RESOURCES PROTECTED, ILLEGAL FISHING REDUCED
APPROVED:	December 31, 2002 (Revised)
IR INDICATOR:	Best CRM practices are being implemented or sustained
UNIT OF MEASURE:	No. of local government units where CRM benchmarks are being achieved and more than one CRM best practice is being implemented
SOURCE DOCUMENT:	Local government units records, contractor's activity report.
SOURCE ORGANIZATION:	Local government units; TetraTech (contractor); USAID staff
INDICATOR DESCRIPTION:	CRM best practices: CRM plans adopted, fisheries and coastal management ordinances implemented, environment-friendly enterprises established, enforcement units operational, marine sanctuaries functional, mangroves under CBFMAs, municipal water boundaries enforced. Other habitat protective measures and open access restrictions in place. Information will be collected on an annual basis.

YEAR	PLANNED	ACTUAL
1996	0	0
1997	0	0
1998	2	23
1999	10	32
2000	29	76
2001	40	96
2002	60	101
2003	110	113
2004	110	

COMMENTS:

2000 - Local government units implementing best practices are from all 6 learning areas as well as 3 expansion areas Masbate Province; (Mabini, Batangas; Palompon, Leyte; Cagayancillo, Palawan) as listed in Municipal Coastal Database Summary Table 1. Best practices being implemented include: CRM plans drafted/adopted fisheries and coastal management ordinances implemented, marine sanctuaries functional, enforcement units operational, mangroves under CBFMAs, environment-friendly enterprise established and municipal water boundaries enforced.

2001 and 2002 – The number of LGUs where two or more CRM best practices are being implemented has increased dramatically with CRMP expansion activities due to increasing demand for CRM within the Provincial Learning Areas and elsewhere.

2003 – The 11 LGUs targeted for completion by the end of 2003 have been added to the 101 LGUs completed in 2002. Another LGU (Davao City) that was not part of the 2003 target has been added to the number completed due to its active effort in implementing best CRM practice with assistance from the CRMP.

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	PRODUCTIVE, LIFE-SUSTAINING NATURAL RESOURCES PROTECTED, ILLEGAL FISHING REDUCED
APPROVED:	December 31, 2002 (Revised)
IR INDICATOR:	No. of provinces and/or multi-municipal/city clusters initiating and investing in institutional arrangements for coastal and fisheries resource management (CFRM)
UNIT OF MEASURE:	No. of local government unit associations initiating CFRM activities
SOURCE DOCUMENT:	Local government units records, contractor's activity report.
SOURCE ORGANIZATION:	Local government units; TetraTech (contractor); USAID staff
INDICATOR DESCRIPTION:	No. LGU associations initiating CFRM activities: An association of 3 or more LGUs (within or among provinces and including municipalities) that has endorsed and is actively implementing CFRM as a consortium (e.g. the Coastal Law Enforcement Alliance for Region 7 and the Davao Gulf Management Council). Information will be collected on an annual basis.

YEAR	PLANNED	ACTUAL
2002	0	2
2003	4	8
2004	6	

COMMENTS:

2002 – This new indicator reflects the need to monitor the multiple LGU associations required to achieve improved CRM and fisheries management in bays, along common shorelines and in areas where the resource base determines the boundaries for management and not strictly the political boundaries. Initial functioning associations that have been assisted by CRMP include: CLEAR 7 and the Davao Gulf Management Council (DGMC).

2003 – Multi-LGU clusters established for this year focused more on inter-LGU collaboration on coastal law enforcement implementation. These include:

1. Coastal Law Enforcement Council District 1(CLEC 1), Bohol
2. Coastal Law Enforcement Council District 2(CLEC 2), Bohol
3. Coastal Law Enforcement Council District 3(CLEC 3), Bohol
4. Davao Gulf Environmental Protection Alliance (DGEPA)
5. Coastal Law Enforcement Southeast Cebu Cluster
6. Coastal Law Enforcement Southwest Cebu Cluster

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	PRODUCTIVE, LIFE-SUSTAINING NATURAL RESOURCES PROTECTED, ILLEGAL FISHING REDUCED
APPROVED:	December 31, 2002 (Revised)
IR INDICATOR:	Increased awareness of overfishing problems and proposed solutions: No. of activities, events, public forums conducted, media coverage and publications developed and disseminated on overfishing
UNIT OF MEASURE:	No. of activities, events and publications
SOURCE DOCUMENT:	Contractor's activity report
SOURCE ORGANIZATION:	TetraTech (contractor); USAID staff
INDICATOR DESCRIPTION:	No. of activities, events and publications that increase awareness of overfishing problems and solutions will include: All major public forums and events on the topic assisted by CRMP; important media coverage through special programs and publications. Information will be collected annually.

YEAR	PLANNED	ACTUAL
2002	5	8
2003	15	30
2004	20	

COMMENTS:

2002 – The activities, events and publications completed include:

1. Overfishing Forum in Manila
2. Public CRM Forum by DENR
3. Press releases on various CRM-related subjects
4. 2003 Calendar produced and distributed
5. Fish ruler produced and distributed
6. Marine Protected Areas and Fisheries Reforms initiated
7. Radio plugs on commercial fishing/overfishing
8. LMP Booth with theme of overfishing and improved CRM

2003 – Forums, publications, and media events conducted include:

A. Forums

1. Fisheries Forum for LGUs in the provinces of Bohol, Cebu, Negros Oriental and, Siquijor
2. Coastal Law Enforcement for PEDOs (Cebu, Bohol, Negros Oriental)
3. Commercial Fisheries Forum in Region 7
4. Fisheries Profiling Forum in Illana and Sarangani Bay
5. NALECC Forum
6. Market Denial Operations
7. Regional Convention of Fish Wardens
8. LMP Exhibit and presentation
9. NSAP TA for 8 regions
10. TA for BFAR 7 Fisheries Profile

B. Publications and media

1. Fisheries in Crisis book
2. Sineskwela television show
3. Press Releases
4. Probe Team report on television
5. Showcasing tours for media
6. Side Trip on Saksi
7. Arts School
8. Interpretive Center in Masbate
9. Exhibit in ITMEMS in Manila
10. Radio Plugs
11. Comic Books
12. Exhibit in SM, Cebu

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES
APPROVED:	December 31, 1998 (Revised)
IR INDICATOR:	Widespread utilization of legal, jurisdictional, operational guides, and training modules
UNIT OF MEASURE:	Number of government and assisting organizations utilizing legal, jurisdictional, operational guides and training modules for CRM developed by CRMP
SOURCE DOCUMENT:	Contractor's activity report.
SOURCE ORGANIZATION:	Tetra Tech (contractor); USAID staff
INDICATOR DESCRIPTION:	Assisting organizations include academic and NGOs. Information will be collected on an annual basis.

YEAR	PLANNED	ACTUAL
1996	0	0
1997	0	25
1998	5	58
1999	100	97
2000	125	143
2001	150	156
2002	200	219
2003	200	231

COMMENTS:

2001 - The universe of government and assisting organizations utilizing CRM guidance include: national, regional, and provincial offices of national government agencies; Supreme Court and regional and local courts; local government unit offices (provinces and municipalities); state colleges and universities; private colleges and universities; and non-government organizations. A summary listing of 156 agency organizations and projects are provided on the following page. Several of the listed donor-assisted projects are national in scope and inturn encompass numerous additional local government units, as well as involved agencies and organizations.

2002 - Added to the list of government, assisting organizations and other groups utilizing CRM guidance are peoples organizations (POs) and private sector. The Philippine Coastal Management Guidebook Series and Sustainable Coastal Tourism Handbook for the Philippines constituted the bulk of materials distributed for 2002.

2003 - Added 12 expansion area municipalities under local government unit category.

Summary Documentation

**IR Indicator: Widespread utilization of legal, jurisdictional,
operational guides, and training modules**

National Government Agencies (17)

BFAR-Regional Fishermen's Training Centers (RFTCs)
Bureau of Fisheries and Aquatic Resources (BFAR)
Department of Environment and Natural Resources (DENR)
Department of Justice (DOJ)
Department of Industry (DTI)
Department of Interior and Local Government (DILG)
Department of Tourism (DOT)
Laguna Lake Development Authority
Local Government Support Program (LGSP)
Mindanao Economic Development Council (MEDCO)
National Bureau of Investigation (NBI)
National Economic Development Authority (NEDA)
Palawan Council for Sustainable Development Staff (PCSDS)
Philippine Coast Guard (PCG)
Philippine Information Agency (PIA)
Philippine Navy (PN)
Philippine National Police (PNP)

Local Government Units (131)

29 Learning Area LGUs
84 Expansion Area LGUs (See MCD Summary Table 1)
15 Provinces (Aklan, Antique, Bohol, Cebu, Compostela Valley, Davao del Norte, Davao del Sur, Davao Oriental, Masbate, Negros Occidental, Negros Oriental, Palawan, Romblon, Sarangani, Sultan Kudarat)
League of Municipalities of the Philippines (LMP)
League of Provinces of the Philippines (LPP)
League of Provincial Legislators

Donor Agencies and Donor-Assisted Projects (12)

Bohol Marine Triangle
Community-Based Resource Management Project (CBRMP) – World Bank
Eco-Governance Project - USAID
Fisheries Resource Management Project (FRMP) – ADB
Foundation for Philippine Environment (FPE)
German Development Service Office
Governance and Local Democracy (GOLD) Project – USAID
Industrial Initiative for Sustainable Environment (IISE) Project – USAID
Japan International Cooperation Agency (JICA)

Southeast Asian Fisheries Development Center (SEAFDEC)
US Peace Corps
Volunteer Service Overseas (VSO) – United Kingdom

Non-Government Organizations / Alliance (44)

ABS-CBN Foundation
Antique Federation of NGOs
Antique Integrated Area Development Foundation
Bandillo ng Palawan
Bohol Alliance of NGOs (BANGON)
Bohol Integrated Development Foundation
Cebu Biodiversity Conservation
Center for Environment and Rural Development (CERD)
Coastal Dynamic Foundation
Conservation International (CI)
Davao Gulf Management Council
Environmental Legal Assistance Council (ELAC)
Evelio B. Javier Foundation
Feed the Children
Foundation for a Sustainable Society, Inc. (FSSI)
Foundation of the Philippine Environment (FPE)
GENESYS Foundation
Gerry Roxas Foundation
Girl Scouts of the Philippines
Green Mindanao
Guiuan Development Foundation
Haribon Foundation
Institute of Small Farms and Industries (ISFI)
International Marinelife Alliance (IMA)
Lanao Aquatic and Marine Fisheries Center for Community Development, Inc.
Mactan Channel Management Council
Palawan Conservation Corps
Palawan NGO Network, Inc. (PNNI)
Palompon Fishwardens Foundation Inc.
Participatory Research, Organization of Communities and Education towards the Struggle for Self
Reliance (PROCESS), Bohol
Phildhrra
Philippine Business for Social Progress (PBSP)
PLAN International
Ramon Aboitiz Foundation, Inc. (RAFI)
Samal Action Volunteers for Environment
Save the Children - US
Save Nature Society

SAGUDA

St. Catherine's NGO

Sulu Fund for Marine Conservation Foundation / CCEF

Tambuyog Development Foundation

Tanggol Kalikasan

Ting Matiao Foundation, Inc. (TMF)

World Wildlife Fund-Philippines (WWF-Philippines; Kabang Kalikasan ng Pilipinas, KKP)

Academic Institutions (21)

Camiguin Polytechnic State College

Cebu Normal University

Cebu State College of Science and Technology - School of Fisheries

Central Visayas State College of Agricultural, Forestry and Technology

Davao Oriental State College of Science and Technology

Divine Word College, Tagbilaran, Bohol

Iloilo State College of Fisheries

Institute of Fisheries Policy and Development Studies

Leyte State University

Local Government Academy

Mindanao State University (MSU), General Santos City

Palawan State University

Philippine Public Safety College

SEAFDEC – Aquaculture Department

Silliman University, Center of Excellence – Coastal Resource Management (COE-CRM)

Siquijor State College

Southwestern University, Cebu

University of San Carlos – Marine Biology Section (USC-CRM)

University of Southern Philippines

University of the Philippines - Marine Science Institute (UP-MSI)

University of the Philippines in the Visayas (UPV)

People's Organization (4)

Suba Olango Eco-tour Cooperative (SOEC)

Cor Jesus College Junior Ecologist Movement

PAMANA Ka sa Pilipinas

Pambansang Kilusan ng mga Samahang Magsasaka

Private Sector (2)

Oposa and Associates

First Consolidated Bank

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	PRODUCTIVE, LIFE-SUSTAINING NATURAL RESOURCES PROTECTED, ILLEGAL FISHING REDUCED
APPROVED:	December 31, 2002 (Revised)
IR INDICATOR:	Increased awareness of overfishing problems and proposed solutions: No. of coastal and fisheries resource management best practices documented/showcased
UNIT OF MEASURE:	No. of CFRM best practices showcased
SOURCE DOCUMENT:	Contractor's activity report
SOURCE ORGANIZATION:	TetraTech (contractor); USAID staff
INDICATOR DESCRIPTION:	No. of LGUs or cluster of LGU for successful CRM implementation through documentation mass media coverage and as learning destinations (e.g. Olango Island Bird and Seascape Tour, Giiutongan Marine Sanctuary generating revenues from user fees, selected functional and financially sustainable marine protected areas, coastal law enforcement operations that are effective, etc.) Information will be collected annually.

YEAR	PLANNED	ACTUAL
2002	0	0
2003	4	7
2004	6	

COMMENTS:

2002 – Planning and documentation for this indicator started.

2003 – The following showcase tours and learning destinations were completed:

1. Olango Bird and Seascape Tour (OBST) / Gilutongan / Nalusuan Tour
2. Bohol Showcase Tour
3. Negros Oriental Showcase Tour
4. Davao Provinces Showcase Tour
5. Masbate Provincial CRM Showcase Tour
6. Masbate CRM Interpretive Center
7. Directory of Learning Destinations

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	PRODUCTIVE, LIFE-SUSTAINING NATURAL RESOURCES PROTECTED, ILLEGAL FISHING REDUCED
APPROVED:	December 31, 2002 (Revised)
IR INDICATOR:	Harmonization of national policy for CRM
UNIT OF MEASURE:	No. of adoptions of CRM guidances and training modules by key national government agencies
SOURCE DOCUMENT:	Contractor's activity report
SOURCE ORGANIZATION:	TetraTech (contractor); USAID staff
INDICATOR DESCRIPTION:	CRM guidance and training: (a) legal and jurisdictional guidance; (b) integrated coastal management policies and procedures; (c) ICM, PCRA, mangrove management; (d) fisheries profiles and plans endorsed Information will be collected annually.

YEAR	PLANNED	ACTUAL
1996	0	0
1997	0	0
1998	3	3
1999	20	8
2000	30	35
2001	33	37
2002	36	41
2003	40	44
2004	40	

COMMENTS:

1998 - Legal and jurisdictional guidebook was completed and adopted in 1997 by 3 national government agencies (Department of Environment and Natural Resources, DENR; Bureau of Fisheries and Aquatic Resources, BFAR; and Department of Interior and Local Government, DILG).

1999 - PCRA guidebooks and methodology were adopted by DENR and BFAR. In addition, a mangrove management toolkit guidebook was completed and adopted by DENR for 1999. CRM for Food Security document adopted by BFAR and DA as policy guidance on fishery issues.

2000 - Joint Memorandum Order RP 8550 adopted by BFAR and DENR. 8 Coastal Management Guidebooks adopted by DENR, BFAR, and DILG and Mangrove Management Handbook adopted by BFAR through FRMP in addition to DENR's adoption in 1999.

2001 - National CRM policy adopted by DENR. DAO 17 approved by DENR. Draft DAO for Coastal and Marine Management Office in DENR.

2002 - DAO for CMMO approved, Letter of Instruction 10/01 (Perfect Environment) Signed by PNP, Sustainable Coastal Tourism Guidebook endorsed by DENR and DOT.

2003 – MOA Launching of the Gawad Police ng Kalikasan, M & E Guidebook, Memorandum Banning the Importation of Ammonium Nitrate Industrial Grade, (Phil. Fisheries Profiles Endorsed by 29 Agencies for inclusion in 2004 and Draft ICM Executive Order for signing in 2004—not counted in 2003)

ORGANIZATION/PROGRAM:	USAID PHILIPPINES
STRATEGIC OBJECTIVE:	PRODUCTIVE, LIFE-SUSTAINING NATURAL RESOURCES PROTECTED, ILLEGAL FISHING REDUCED
APPROVED:	December 31, 2002 (Revised)
IR INDICATOR:	DENR Coastal and Marine Management Office (CMMO) functional
UNIT OF MEASURE:	No. of staff in CMMO compared to baseline
SOURCE DOCUMENT:	Contractor's activity report
SOURCE ORGANIZATION:	TetraTech (contractor); USAID staff; CMMO staff
INDICATOR DESCRIPTION:	No. of staff in CMMO compared to baseline: No. of staff fully dedicated to CMMO tracked since the beginning of CMMO in 2002. Information will be collected annually.

YEAR	PLANNED	ACTUAL
2000	0	0
2001	0	0
2002	3	6
2003	6	10
2004	9	

COMMENTS:

2001 - Draft DAO for Coastal and Marine Management Office in DENR

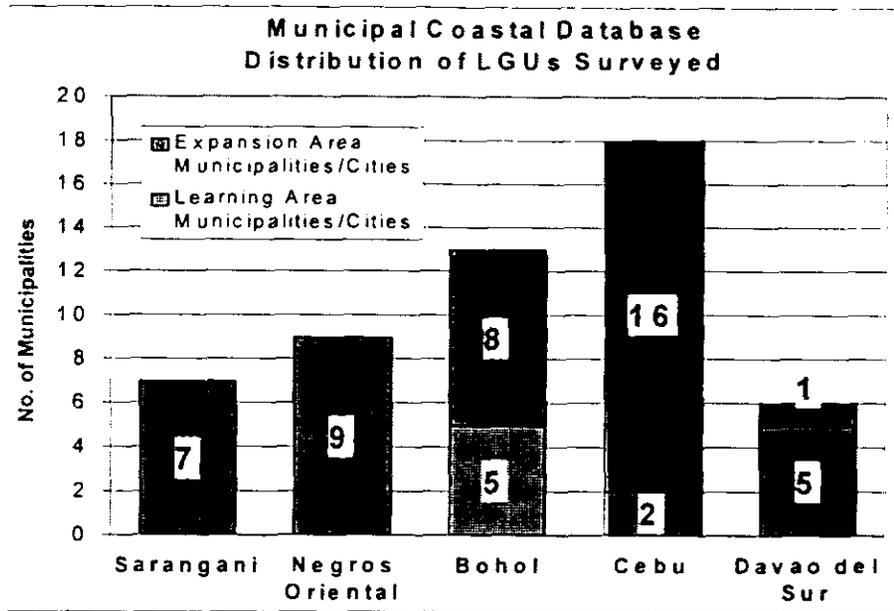
2002 - DAO establishing CMMO signed and office established with 6 dedicated staff

2003 - 10 personnel in CMMO conducted training to 261 CMMS and CMMD staff on ICM
 Provided TAs to CENROs (Cebu - 4, Bohol - 2, Negros Oriental - 2, Siquijor - 1, GenSan - 1, Sarangani - 3, Davao del Sur - 3, Davao Oriental - 4, Davao City - 2, Davao Norte - 2)
 Provided TAs to CMMDS (Region 7, 11, 12)

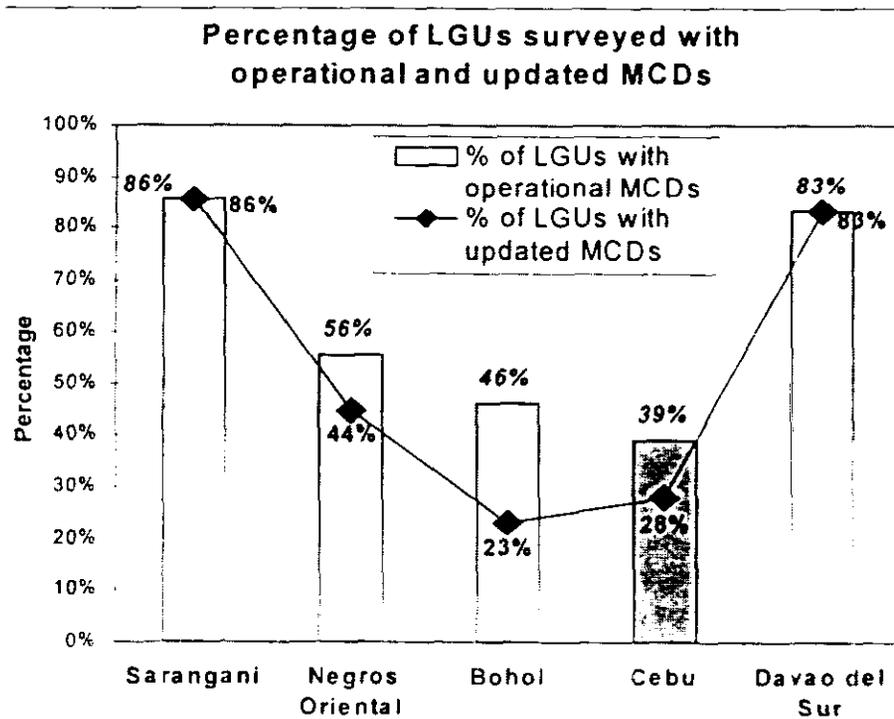
APPENDIX B
MUNICIPAL COASTAL DATABASE FIELD SURVEY RESULTS
4 PAGES

Municipal Coastal Database Field Survey Results as of February 2003

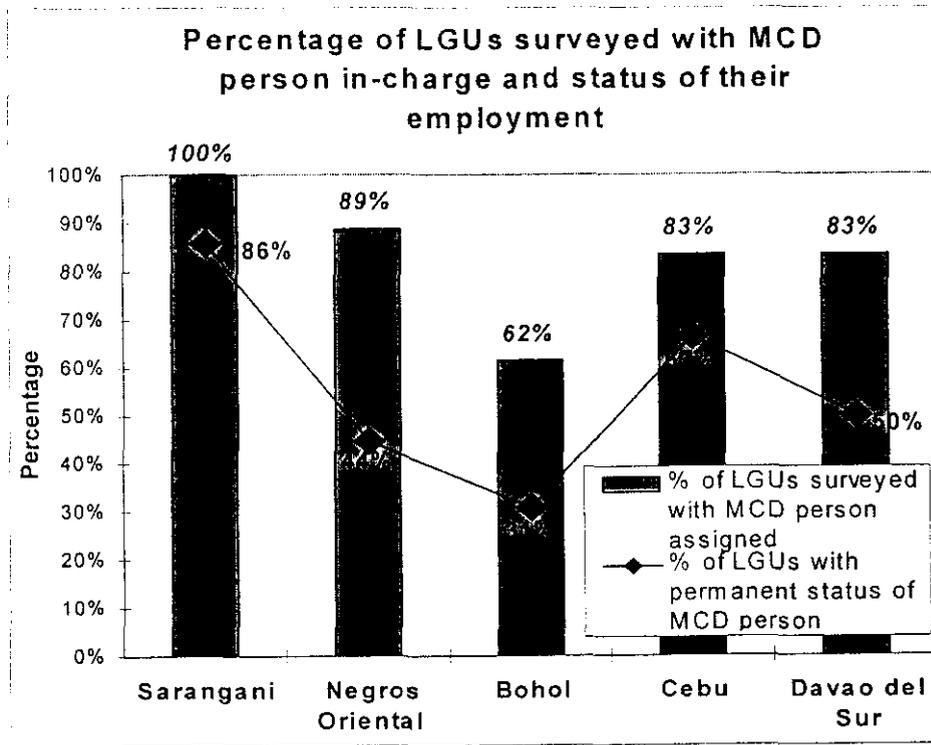
1. Cities and municipalities surveyed



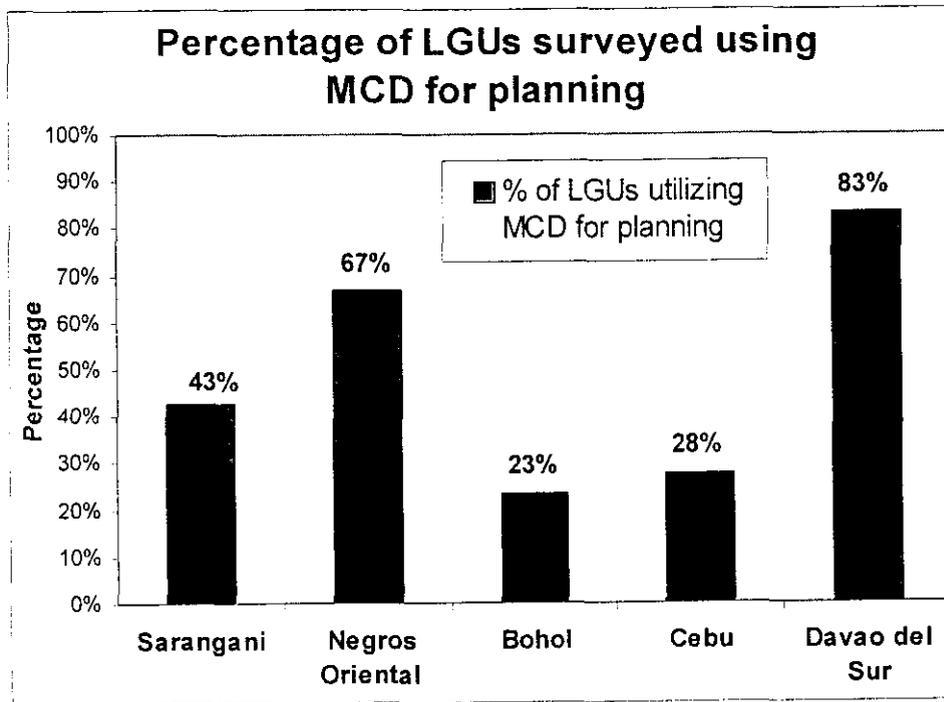
2. Operational and updated MCDs



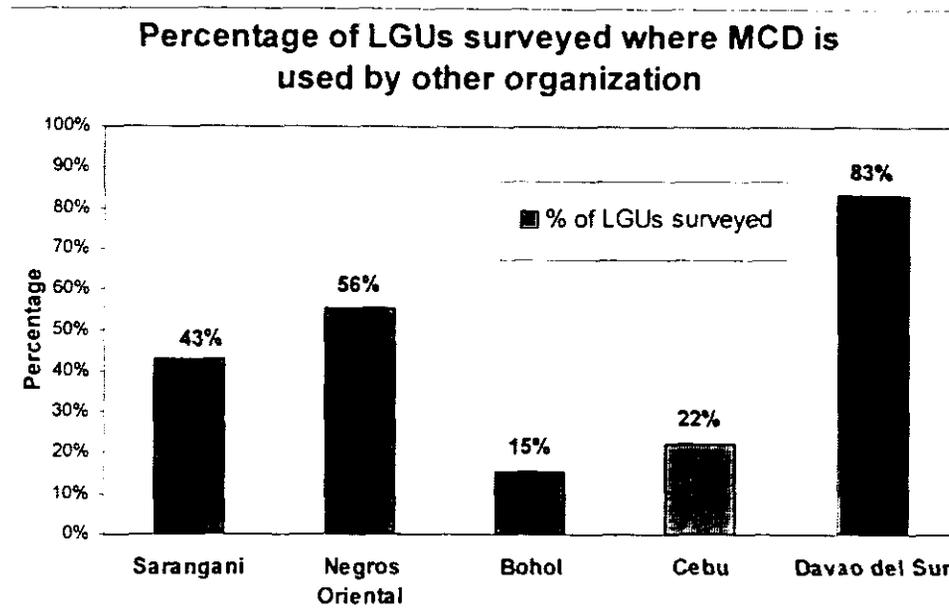
3. MCD person in-charge with permanent status



4. MCD used for LGU planning



5. MCD used by other organizations in the municipality



6. Problems Encountered in MCD Operation

- MCD was not used after the installation
- Computer units incompatible with MCD
- Due to the reformatting of the PC where the MCD was installed, all data were lost
- No PC is assigned at the MAO and the MPDO
- The PC where MCD was installed bogged down
- Data were not inputted in the MCD program so they could not generate reports
- No updates were done in electronic files; updates were only made in hard copies
- Do not know how to generate specific reports
- No MS Access program is installed in the PC
- No back-up of MCD data
- MCD data were intended for internal consumption only
- MAO and MPDC are not appreciative of effective data management
- Organizational climate is not supportive of CRM initiatives
- MPDC takes the sole responsibility of maintaining and encoding the MCD and may not have time to update the data
- The MCD trained personnel resigned
- Initial reluctance on the part of the MAO and the MPDC to make the MCD functional
- No serious effort extended to gather data
- MCD is installed in the Mayor's Office and is not utilized by the MAO and the MPDO

- No one in the MAO knows how to operate the computer
- Staff familiar with computers has a casual status

7. Recommendations

- Local Chief Executive, the SB, MAO and other relevant offices need to be oriented about the MCD using the LGU's available data.
- Updated MCD should be presented to the Mayor and SB and other relevant department heads.
- Installation/Re-installation of MCD at the MAO, MPDO
- Bi-annual data updating (January and June)
- Further training on MCD
- Train other personnel to do the MCD, particularly those with permanent status in the MAO or the MPDO.
- Disseminate information/data generated to relevant offices and decision makers.
- Need to promote MCD within the LGU for better appreciation

APPENDIX C
HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
11 PAGES

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
National Government Agencies	
Department of Environment and Natural Resources (DENR) - Provincial, Regional and National Offices	<p>1st Quarter 2003: Participation in the preparation and production of the CRMP and CMMO Exhibit at the ITMEMS Conference in Manila (R. Smith, Y. Collantes); Conduct of a PCRA in the Municipality of Tabogon, Cebu Province with CRM Partners (E., Deguit, W. Jatulan, A. Lim); Initial meetings with CRM Partners to facilitate the PCRA activity (R. Smith, R. Farrarons); ICM training Regional CMMD Planning Workshops, CRM Certification meetings; PCRA Training on CMMS (E. Deguit, W. Jatulan, A. Yambao, A. Lim, H. Cafugauan, R. Mancao, H. Cabangon); Presented Project Profile and Accomplishments at NRMP-DENR Public Fora in Manila (M. Carreon, W. Jatulan, Guidote, M., R. Smith).</p> <p>2nd Quarter 2003: Conducted joint meeting with LGUs to identify their roles and functions in the implementation of CRM programs and activities in the Municipality as well as in the drafting of their M&E reports (A. Lim). Conduct various consultation and planning meetings and quarterly assessment (W. Jatulan, A. Trinidad). Conduct ICM Training for CMMS/CMMD Staff (W. Jatulan, E. Deguit, A. Lim) Facilitate IEC Training for selected Regional CMMD staff (W. Jatulan, R. Smith, A. Yambao) Initial meeting re: CRMP assistance in the Region (W. Jatulan, H. Cabangon, A. Yambao). Assistance in providing geological data and drafting write-ups about CRM showcase sites. (A. Sia, R. Farrarons). Workshop on the framework and "call of action" of the Philippine Marine Capture Fisheries Profile (S. Green, N. Armada, G. Silvestre, C. Luna, J. Flores, M. Colocado). Participated in the training need assessment for southeastern Cebu and in the coastal law enforcement training through the CENRO/CMMS and provided secretariat services to CLEAR7 (M. Guidote, S. Gulayan, K. Cerence, R. Omega). Jointly conducted workshop/seminar for the Police Environment Desk (M. Guidote, W. Jatulan, A. Yambao).</p> <p>3rd Quarter 2003: Met with Usec Rolando Metin to discuss concerns and present CRMP's opposition on the planned transfer of CMMO to PAWB (A. White, A. Trinidad, W. Jatulan); Facilitated 3rd quarter joint CRMP-CMMO planning (A. Trinidad, W. Jatulan); Conducted briefing on the progress of CRMP institutional development plan to DENR 7 (A. White, M. Carreon, R. Smith, S. Green, A. Lim, W. Jatulan); Assisted in facilitating NIPAS meeting and policy forum (A. Trinidad, A. Yambao, R. Smith, H. Cabangon, W. Ablong, A. White, W. Jatulan); Facilitated IEC materials development workshop with CMMO and LMB staff (R. Smith, A. Trinidad, W. Jatulan); With funding support from CMMO, conducted ICM training to CMMDs and CMMSs for regions 5, 8, 9, and 10 (E. Deguit, A. Lim, J. Floren, W. Jatulan). Provided technical guidance in the conduct of PCRA trainers training in the Municipality of Valencia and continued coaching in the barangay level and assisted in the consultation meeting on Shoreline Management in town of Dimiao (A. Gulayan). Assisted in the development of brochures on Mangrove and the Tuka Fish Sanctuary found in Kiamba and Maasim (H. Cabangon, K. Dequito). Assisted the CRMP team in back staffing the LGU SCUBA divers doing underwater resource assessment, including the use of their SCUBA gears and compressor (H. Cabangon, K. Dequito).</p> <p>4th Quarter 2003: Series of Meetings and coordination with DENR-CMMD 7 for CRM M&E and certification (E. Deguit, A. Lim). Assisted DENR Region 5 in formalizing Regional CRRM Certification Committee (E. Deguit, A. Lim). Facilitated ICM Training for CMMD/CMMS in Regions 4a, 4b, 1, 2, 3, and NCR (W. Jatulan, A. Lim, E. Deguit, J. Floren). Met with Nelson Gorospe and team for EcoGov Review in Cebu (A. White). Met with Sec. E. Gozun at CRMP Annual Meeting in Cebu (A. White and CRMP Team). Conducted Training on IEC for DENR-ARMM (A. Yambao, R. Smith, M. Gasalatan). Assisted DENR Region 12 CMMD in the conduct of Orientation on CRM Certification for Sultan Kudarat LGUs; Coordination with DENR Region 12 on CRM Certification of Sarangani Bay LGUs (A. Yambao, H. Cabangon, K. Dequito); Coordination in the</p>

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
	strengthening of Davao Gulf Environmental Protection Alliance (A. Yambao). CMMD-5, MGB-RO5, Masbate PENRO/CENRO -- Strategic and Action Planning for Masbate CRM Showcase (A. Sia, R. Smith); CMMD-5 - updates on progress of Masbate City CRM certification process
Department of Agriculture – Bureau of Fisheries and Aquatic Resources (DA-BFAR) – Provincial, Regional and National Offices	<p>1st Quarter 2003: As a Cebu CRM Partner, participated in the conducted of the PCRA in the Municipality of Tabogon (E. Deguit, W. Jatulan, A. Lim); Participated in meetings regarding the showcasing of selected Marine Protected Areas in Region 7 (R. Smith, R. Farrarons); In Region 11, through the FRMP, participated in organizational meetings of the showcasing technical working group and assisted in the conduct of site validation activities (A. Sia, A. Yambao, H. Cafugauan, H. Cabangon); Served as panel of reactor on “Extension Policy Consultation and Validation Workshop” (E. Deguit, A. Lim). Meeting with Noel Barut of BFAR-NFRDI to discuss collaborations (M. Carreon, S.J.Green).</p> <p>2nd Quarter 2003: Packaging of NSAP data for regions 1, 6, 7, 9, 11, 12, 10 and ARMM into a user friendly version (S. Green, N. Armada, G. Silvestre). Workshop on the framework and “call of action” of the Philippine Marine Capture Fisheries Profile (S. Green, N. Armada, G. Silvestre, C. Luna, J. Flores, M. Colocado). Jointly conducted National Fisheries Licensing Workshop and provided training materials for Coastal Law Enforcement (M. Guidote). Participated as trainer in Coastal Law Enforcement Training and participated in joint curriculum development with other agencies (M. Guidote, S. Gulayan, R. Omega)</p> <p>3rd Quarter 2003: Coordinated during the conduct of consultation meeting with the Commercial Fishers (A. Gulayan, N. Armada, J. Flores, R. Acosta). Coordinated in the presentation of the research result on the study of Manta Ray (A. Gulayan). Assisted in the review of the Monitoring and Evaluation documents for Certification (A. Gulayan). Provided support in the conduct of re-orientation and re-organization of the Municipal Fishery and Aquatic Resource Management Council in the Municipality of Garcia Hernandez and Jagna (A. Gulayan). Assisted the CRMP Team in providing technical inputs and direction setting to the sub-contractor of CRMP in profiling Illana and Sarangani Bays (H. Cabangon, K. Dequito). Lecturer at NSAP training for Enumerators (N. Armada). Workshop for Regions IX, XII and ARMM for the National Stock Assessment Project (Manila) (G. Silvestre). BAS joint meeting to look at internal agreements and collaboration on fisheries statistics in region VII. (J. Flores)</p> <p>4th Quarter 2003: Met with Dir. Sarmiento at LMP Meeting, Manila (A. White). Attended NSAP five year national presentaion for whole country. (G. Silvestre, N. Armada). Conducted commercial fishers forums for fisheries management in Bohol, Negros Oriental, and Cebu with BFAR-7 FRMD Staff(S. Green, J. Flores, N. Armada, R. Martinez, W. Ablong, A. Gulayan). Attended 5th National Tuna Congress in General Santos City (S. Green). Coordination with BFAR Regions 12 and 9 in the preparation of Illana Bay and Sarangani Bay Fisheries Profiles (A. Yambao); Coordination with Davao del Sur Provincial Fisheries Office on fisheries management (A. Yambao, H. Cafugauan, R. Mancao); Coordination with BFAR Region 12 on CRM Certification of Sarangani Bay LGUs (A. Yambao, H. Cabangon, K. Dequito) Coordination in the strengthening of Davao Gulf Environmental Protection Alliance (A. Yambao)</p>
Department of Interior and Local Government (DILG) – National, Regional and Provincial	<p>1st Quarter 2003. Attended the organizational meeting of the Region 11 CRM Showcasing technical working group (A. Sia, A. Yambao, H. Cafugauan); Participated in the site validations of the proposed learning destinations in Regions 7 and 11.</p> <p>2nd Quarter 2003: Provided manpower supplement resource speakers in trainings,</p>

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
	<p>seminar and conferences (M. Guidote, S. Gulayan, R. Omega, K. Cerence, R. Farrarons).</p> <p>3rd Quarter 2003: Coordinated in the implementation of the Solid Waste Management Program in the municipality (A. Gulayan). Mobilized in the conduct of several meetings on the review of the monitoring and evaluation documents of Municipality of Guindulman and Buenavista (A. Gulayan).</p> <p>4th Quarter 2003: Coordinated with DILG 7 for their representation and active participation in CRM Certification Committee (A. Lim, E. Deguit). Coordination with DILG Region 12 on CRM Certification of Sarangani Bay LGUs (A. Yambao, H. Cabangon, K. Dequito); Coordination in the strengthening of Davao Gulf Environmental Protection Alliance (A. Yambao).</p>
Office of the President in Central Visayas	<p>2nd Quarter 2003: Provided venue for meeting and participated actively in CLEAR7 undertakings (M. Guidote, S. Gulayan, K. Cerence, R. Omega, C. Balisacan). Danajon Bank Executive Committee meeting with USAID to collaborate with key partners (A. White, M. Carreon, S. Green)</p>
Department of Tourism (DOT)	<p>1st Quarter 2003: Meetings with DOT officials regarding the showcasing of Regions 7 and 11 provinces/municipalities as possible CRM learning destinations. DOT staff participated in conducting site validation of these possible learning sites (R. Smith, A. Sia, R. Farrarons).</p> <p>4th Quarter 2003: Coordination in the development of the Southern Mindanao CRM Showcase Tour (A. Sia, H. Cafugauan, A. Yambao); Coordination with DOT Region 12 on CRM Certification of Sarangani Bay LGUs (A. Yambao, H. Cabangon, K. Dequito).</p>
Department of Science and Technology (DOST)	<p>3rd Quarter 2003: Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) – Development/installation of vortex chamber (tornado simulator) (A. Sia); Philippine Institute of Volcanology and Seismology (PHIVOLCS) – development/installation of earthquake model for Masbate CRM Interpretive Center (A. Sia).</p>
Philippine National Police (PNP) – Provincial, Regional and National Offices.	<p>1st Quarter 2003: Attended NALLEC Meeting where project's role in enforcement activities in the region and other parts of the country was highlighted (A. White, M. Carreon, A. Yambao, A. Lim).</p> <p>2nd Quarter 2003: Provided trainers for PEDO and Coastal Law Enforcement (M. Guidote, W. Jatulan, A. Yambao, M. Carreon, A. Trinidad). Provide resource person in all coastal law enforcement training, developed operation plan for Southeastern Cebu Municipalities and created task forces in support of coastal law enforcement (M. Guidote, S. Gulayan, R. Omega, K. Cerence).</p> <p>3rd Quarter 2003: Coordinated in the conduct of Coastal law Enforcement Training (A. Gulayan, S. Gulayan, M. Guidote). Facilitated in the conduct of joint meeting with PEDO and CLEC (A. Gulayan, S. Gulayan).</p> <p>4th Quarter 2003: PEDO Blotter turnover and ceremony – Flag Ceremony and talk in Cebu (A. White, S. Gulayan, W. Jatulan). Coordination in the strengthening of Davao Gulf Environmental Protection Alliance (A. Yambao).</p>

**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES
2003**

PARTNER	COLLABORATIVE ACTION AND OUTCOME
Philippine National Police-Maritime Group	<p>1st Quarter 2003: Discussed with Directors of Maritime Group Institutional Development Assistance that the Project can provide Maritime Group for its Seaborne Enforcement Activities (M. Carreon, M. Guidote, A. Trinidad).</p> <p>2nd Quarter 2003: Provided trainors in all coastal law enforcement training and participated in all training conducted by the task force (M. Guidote).</p> <p>4th Quarter 2003: Coordination in the strengthening of Davao Gulf Environmental Protection Alliance (A. Yambao); Coordination with BFAR Region 12 on CRM Certification of Sarangani Bay LGUs (A. Yambao, H. Cabangon, K. Dequito).</p>
Philippine Coast Guard (PCG) – National, Regional and Provincial	<p>2nd Quarter 2003: Provided trainors for all coastal law enforcement training (M. Guidote). Provided resource parsons in all coastal law enforcement training and floating assets for use in training and participated in planning for operation in Southeastern Cebu (M. Guidote, S. Gulayan, R. Omega, K. Cerence).</p> <p>3rd Quarter 2003: Collaborated in drafting the program for the 18th International Coastal Clean up celebration, conduct IEC in several schools, monitor the whole day affair (H. Cabangon, K. Dequito).</p> <p>4th Quarter 2003: Coordination in the strengthening of Davao Gulf Environmental Protection Alliance (A. Yambao); Assisted in the conduct of International Coastal Clean-Up in Sarangani Bay (H. Cabangon; K. Dequito).</p>
Bureau of Customs	<p>2nd Quarter 2003: Provided manpower complement for coastal law enforcement (M. Guidote, S. Gulayan)</p>
National Economic Development Authority (NEDA)	<p>4th Quarter 2003: Coordination with NEDA Region 12 on CRM Certification of Sarangani Bay LGUs (A. Yambao, H. Cabangon, K. Dequito)</p>
Philippine Tourism Agency (PTA)	<p>1st Quarter 2003: Attended the organizational meeting of the Region 11 CRM Showcasing technical working group (A. Sia, A. Yambao, H. Cafugauan).</p>
Donor Agencies and Donor-Assisted Projects	
EcoGovernance – USAID	<p>1st Quarter 2003: Meet with EcoGov core staff to discuss collaboration in Mindanao Area (M. Carreon, S. Green, W. Jatulan, E. Deguit, A. Yambao, H. Cabangon, M. Guidote).</p> <p>3rd Quarter 2003 – Coordinated through BEMO and UPV Cebu in the conduct of CRM Planning in Talibon and consultation meeting on the boundary conflict between the Municipality of Bien Unido and Talibon. Supported during the review and finalization of the Monitoring and Evaluation result (A. Gulayan).</p> <p>4th Quarter 2003: Coordination on various activities in Davao del Sur (A. Yambao, H. Cafugauan, R. Mancao); Coordination in the preparation of Illana Bay Fisheries Profile (A. Yambao).</p>
Southern Mindanao Integrated Coastal Zone Management Project (SMICZMP)	<p>4th Quarter 2003: Coordination in the strengthening of the Sarangani Bay PAMB (A. Yambao, H. Cabangon, K. Dequito); Assisted in the coastal zoning of Sarangani Bay (H. Cabangon, K. Dequito); Coordination in various activities in the Malalag Bay area (H. Cafugauan, R. Mancao).</p>
Peace Corps U.S.	<p>1st Quarter 2003: Served as resource person on coral reef ecology for new CRM batch of Volunteers, (S.J. Green, R. Smith, A. White).</p>

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
	3 rd Quarter 2003: Served as resource persons on CRM to new CRM volunteers (M. Carreon, A. White.).
United States Agency for International Development – (USAID)	1 st Quarter 2003: Presented revised work plan and current activities to OEM, USAID (A. White, M. Carreon); Attended Monthly Chief of Party Synergy Meeting (A. White, M. Carreon). 3 rd Quarter 2002: Coordinated/supported during the conduct of evaluation to the different USAID funded project in Bohol (A. Gulayan). 4 th Quarter 2003: Present updates for EcoGov to NEDA, DENR, USAID (W. Jatulan).
Non-Government Organizations	
League of Municipalities in the Philippines	2 nd Quarter 2003: Conducted advocacy for delineation of municipal water and conducted joint meeting regarding CMMO and LGU partnership (M. Guidote, W. Jatulan, A. Trinidad) 3 rd Quarter 2003: Assisted in designing and facilitating the Interagency Workshop on CRM Budgeting (M. Guidote, A. Trinidad, A. White, W. Jatulan). Coordinated the LMP President in the person of Mayor Sylvia Adame in providing updates on the result of municipal water delineation and status of CRM implementation in Bohol. 4 th Quarter 2003: A Headed National Convention to make plenary presentation on CRMP and to receive an award for CRMP (A. White, M. Guidote, W. Jatulan).
Bohol Environment and Management Office (BEMO)	3 rd Quarter 2003 – Provided capability building and continued coaching in the conduct of several trainings related on CRM (A. Gulayan). Supported different activities extended to the coastal municipalities (A. Gulayan, E. Deguit, A. Lim, R. Farrarons, M. Ocaña, R. Smith, S. Green, W. Jatulan). Assisted in the conduct of consultation workshop on Fisheries Management (S. Green, J. Flores, M. Gasalatan, R. Smith). 4 th Quarter 2003: Provided technical support in updating and maintenance of MCD (J. Floren, A. Gulayan).
Menca Development Corporation	1 st Quarter 2003: Facilitated/attended meeting together with Cordova LGU to development LGU-private sector partnership arrangement in the management of the Nalusuan Marine Sanctuary.
Philippine Council for Aquatic and Marine Development (PCAMRD)	3 rd Quarter 2003: Fisheries Management Course – Curriculum Development Workshop. Laguna (G. Silvestre) 4 th Quarter 2003: Attended meeting to plan for Coastal Zone Philippine Conference (E. Deguit). Coordinated with PCAMRD to finalize Coastal Zone Philippines Brochure and assist in disseminating information regarding the Conference (E. Deguit, A. White, R. Smith).
Mactan Channel Multi-Sectoral Council	1 st Quarter 2003: Attend regular meeting (A. White). 4 th Quarter 2003: Attended regular meeting and assessment workshop (E. Deguit).
German Development Service (DED)	3 rd Quarter 2003: Visayas Fisherfolk Summit Resource person (N. Armada)

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
GTZ - Visayan Sea	4 th Quarter 2003: Initiated and finalized discussions with on possible counterpart funding for In Marine Turbulent Seas Marine Fisheries Profile (S. Green, A. White).
Philippine Coast Guard Auxiliary	3 rd Quarter 2003: Formulation of criteria and evaluation tools for the SEARCH FOR THE CLEANEST PORT in the province of Negros Oriental (W. Ablong, B. Tabara)
Coastal Dynamics Foundation	1 st Quarter 2003: Served as co-trainer and participant respectively of the Socio-economic Monitoring (Socmon) Training (E. Deguit, A. Lim).
Hon Mun MPA Pilot Project	1 st Quarter 2003: Facilitated the 6-day cross visit to CRMP assisted MPA sites (W. Jatulan).
Feed the Children Foundation	3 rd Quarter 2003: Shared inputs and reference materials as their guide for the conduct of Participatory Coastal Resource Management in the barangays of Tubigon (A. Gulayan)
PROCESS Foundation	3 rd Quarter 2003: Shared inputs through on the CRM Planning writeshops in Tagbilaran City (A. Gulayan) 4 th Quarter 2003: Met with Emie Roslinda to plan for Coastal Zone Phils. Conference (E. Deguit). Met at CRM turnover ceremony, Bohol (A. White, R. Smith).
Fisheries Resource Management Project	2 nd Quarter 2003: Provided a trainors for coastal law enforcement in Davao and participated in conferences and meetings on the operationalization of PEDO. (M. Giodote, A. Yambao)
Coastal Conservation and Education Foundation (CCEF) (formerly Sulu Fund Inc.)	1 st Quarter 2003: Law Enforcement Training in Southern Cebu and launching of PEDO of the PEDO jointly with CCEF (A. White, M. Carreon, W. Jatulan, M. Guidote, E. Deguit). 2 nd Quarter 2003: Joint effort in assisting LGUs in finalizing their Municipal CRM Plans and in the drafting of their M&E Reports. Provided counter part fund for trainings in the southeastern Cebu. (M. Guidote, S. Gulayan) 3 rd Quarter 2003: Facilitated in the conduct of inventory and consolidation of MPA establishments province wide. Assisted in the presentation of the MPA status and framework on MPA monitoring and benchmarking (A. Gulayan). Coordinated in the presentation of documents during earthwatch expedition (A. Gulayan). CRM/MPA Exhibit during the KINAIYAHAN FESTIVAL in Dauin, Negros Oriental (W. Ablong, B. Tabara). Coastal Leadership Training and MPA Management Planning Workshop for the Banilad Marine Sanctuary in Banilad, Dumaguete City (W. Ablong, B. Tabara). Advice on conducting of fisheries research and study in Southern Cebu (G. Silvestre). 4 th Quarter 2003: Coordinated M&E and CRM certification activities in Cebu Southeast Cluster (A. Lim). Attended South Cebu cluster meeting in Cebu (A. White, M. Guidote, S. Gulayan). Resource person in series at Southern Cebu Fisheries Management Workshops (S. Green, M. Guidote, S. Gulayan).

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
Environmental Legal Assistance Center (ELAC)	<p>1st Quarter 2003: Meetings with Executive Director to discuss Fisheries Management Activities in Region 7 (S.J. Green).</p> <p>2nd Quarter 2003: Provided trainors in all coastal law enforcement training and legal services in the taskforce kinhason implementation and developed strategy for legal approach in coastal law enforcement (M. Guidote, S. Gulayan, R. Omega, K. Cerence)</p> <p>4th Quarter 2003: Met to discuss presecution book, Cebu (A. White, M. Guidote). Assisted in the provision of legal assistance to the Davao del Sur Provincial Anti-Illegal Fishing Task Force (A. Yambao, H. Cafugauan, R. Mancao).</p>
Partnership for Environmental Management in Seas of East Asia (PEMSEA)	4 th Quarter 2003: Attended East Asian Seas Congress in Kuala Lumpur, Malaysia in December to present lessons of CRMP (A. White).
Pamilacan Island Dolphin and Whale Watchers Organization	1 st Quarter 2003: Coordinated DOT Ecotourism TWG meetings and NZAID activities with Provincial Government, Bohol Tourism Office, PIDWWO and Municipal Government (S.J.Green).
Philippine Partnership for the Development of Human Resources in the Rural Area (PhilDHRRA)	1 st Quarter 2003: Meetings to discuss Fisheries Management Activities in Region 7 (S.J.Green).
Tambuyog Development Center	1 st Quarter 2003: Participated in planning sessions on advocacy for DAO 17 (M. Guidote, A. Trinidad, R. Smith).
Ting Matio Foundation, Inc.	4 th Quarter 2003: Coordination and co-sponsored CRM M&E and MCD Training for the LGUs of Siquijor Province (E. Deguit, J. Floren, W. Ablong).
Association of Government Information Offices - Region VII	2 nd Quarter 2003: Provided venue and airtime for the forum on Fisheries and Coastal Management situation in Region VII (R. Farrarons).
World Wildlife Fund (WWF)	<p>2nd quarter 2003: workshop for the framework and "call of action statement" of the Philippine Marine Capture Fisheries Profile (S. Green, N. Armada, G. Silvestre, C. Luna, J. Flores, M. Colocado). Provided trainors in coastal law enforcement training and conducted information exchange regarding coastal law enforcement (M. Guiodte). Philippines RA 8550 Revisions Workshop – presenter and Chairpersons (J. Flores, G. Silvestre, N. Armada)</p> <p>4th Quarter 2003: Met in EcoRegion collaboration in Malaysia (A. White).</p>

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
Bohol Tourism Office	<p>2nd Quarter 2003: Cooperation and coordination as "operator" of the Bohol CRM showcase (R. Farrarons, R. Smith, A. Gulayan).</p> <p>3rd Quarter 2003: Assisted the in the conduct of evaluation of the identified show case sites. Finalized the packaged in the itinerary of the tour. Mobilized in the research and preparation of write up of the stories on the municipalities not included for showcase sites (A. Gulayan, R. Smith, R. Farrarons).</p> <p>4th Quarter 2003: Operation of the Bohol CRM Showcase; facilitation of training of community-level "suppliers" of services for the showcase tour (R. Farrarons).</p>
Davao City Tourism Office	<p>2nd Quarter 2003: Cooperation and coordination as "operator" of the Davao Provinces CRM showcase (A. Sia, A. Yambao, H. Cafugauan).</p> <p>4th Quarter 2003: Cooperation and coordination as "operator" of the Southern Mindanao CRM Showcase Tour (A. Sia, H. Cafugauan, A. Yambao).</p>
Dumaguete City Tourism Office	<p>2nd Quarter 2003: Cooperation and coordination as "operator" of the Negros Oriental CRM showcase (R. Farrarons, W. Ablong). <i>Interpretive training workshop for field level "suppliers" of services for the Negros Oriental CRM Showcase (R. Farrarons).</i></p>
Academe	
Davao Oriental State College of Science and Technology	<p>4th Quarter 2003: Assisted in CMP implementation in Davao Oriental (A. Yambao, H. Cafugauan, R. Mancao).</p>
Mindanao State University – Naawan	<p>2nd quarter 2003: workshop on the framework and "call of action" of the Philippine Marine Capture Fisheries Profile (S. Green, N. Armada, G. Silvestre, C. Luna, J. Flores, M. Colocado).</p>
Mindanao State University – General Santos City	<p>2nd Quarter 2003: Initiated profiling activities for Sarangani and Illiana Bays. (G. Silvestre).</p> <p>3rd Quarter 2003: The MSU College of Fisheries <i>partnered</i> with CRMP in the conduct of Habitat Assessment Training, particularly in the field exercise covering the following activities: Fish Visual Census, determining percentage of coral cover using the quadrant; Developed "mini lecture IEC" on the 18th International Coastal Clean up celebration (H. Cabangon, K. Dequito). Illana and Sarangani Bay consultative meeting (G. Silvestre).</p> <p>4th Quarter 2003: Assisted in the preparation of Sarangani and Illana Bay Fisheries Profile (A. Yambao, G. Silvestre, H. Cabangon, S. Green).</p>
University of the Philippines in the Visayas – Cebu Campus	<p>2nd Quarter 2003: Provided support in the delineation of municipal waters and participated in the coastal law enforcement training (M. Guidote, S, Gulayan, K. Cerence).</p>
University of the Philippines in the Visayas-Miagao Campus	<p>2nd quarter 2003: Finalized contract for the municipal fisheries profile of region VII (S. Green, N. Armada). <i>Workshop on the framework and "call of action" of the Philippine Marine Capture Fisheries Profile (S. Green, N. Armada, G. Silvestre, C. Luna, J. Flores, M. Colocado).</i></p> <p>4th Quarter 2003: On-going baseline collection for municipal fisheries of Region VII through contract with UPVFI (G. Green).</p>

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
University of the Philippines – Marine Science Institute	2 nd quarter 2003: workshop on the framework and “call of action” of the Philippine Marine Capture Fisheries Profile (S. Green, N. Armada, G. Silvestre, C. Luna, J. Flores, M. Colocado).
Silliman University – Dumaguete City	3 rd Quarter 2003: Coordination for the various activities during the visit of US Ambassador Francis Ricciardone and party in Dumaguete City, Apo Island and Dauin, Negros Oriental (W. Ablong, B. Tabara)
Private Sector	
ABS-CBN Foundation’s Bantay Kalikasan and Sine’eskwela	1 st Quarter 2003: Completed location filming of the two episodes on fisheries by the Sine’eskwela production team with location filming undertaken in Gilutungan Island, Municipality of Cordova (A. Sia, M. Carreon, K. Cerence)
GMA-7 News and Public Affairs Department	4 th Quarter 2003: Produce/air feature stories on Masbate CRM Showcase for Sidetrip segment of Saksi (A. Sia)
Probe Productions	4 th Quarter 2003: Produce/air feature stories on Region 7 showcase for Cheche Lazaro Presents and Art Is-Kool (A. Sia, R. Farrarons).
DyAB – AM (ABS-CBN)	2 nd Quarter 2003: Provided airtime for the discussion on Government’s management of the Country’s Coastal Resources (R. Farrarons).
DyMF – AM	2 nd Quarter 2003: Facilitated guesting of CRM representatives and other personalities in “Ang Atong Gobyerno” a public affairs program for 3 Sundays in May 2003. (R. Farrarons).
DyDD – AM and DYAR – FM	2 nd Quarter 2003: Provided airtime for the interview on Coastal Law Enforcement (R. Farrarons).
Sun Star Davao	4 th Quarter 2003: Coordination on the development of Southern Mindanao CRM Showcase Tour (H. Cafugauan).
Mindanao News	4 th Quarter 2003: Coordination on the development of Southern Mindanao CRM Showcase Tour (H. Cafugauan).
National Museum	3 rd Quarter 2003: Consult with Archeological Section on development of Masbate CRM Interpretive Center (A. Sia)
Local Government Units	
PNP (Minglanilla, Cebu City, Liloan, Mandaue City, Talisay City, Lapu-lapu City)	2 nd Quarter 2003: provided manpower support to the coastal law enforcement taskforce kinhason and participated in coastal law enforcement planning (M. Guidote, S. Gulayan).
Office of the Provincial Agriculture, Bohol	3 rd Quarter 2003: Coordinated in the meeting on Provincial Fishery Program Mobilized in the review of the monitoring and evaluation in the Municipality of Buenavista and Guindulman (A. Gulayan).
Masbate City Planning and Development Office	4 th Quarter 2003: Cooperation and coordination as “operator” of the Masbate Province CRM Showcase and the Masbate CRM Interpretive Center (A. Sia)
Province of Masbate	1 st Quarter 2003: Pursued discussions with Provincial Planning and Development Office, Masbate Province, and City of Masbate for their commitment to make Masbate a CRM Learning Destination. (A. Sia). Cooperation and coordination as “operator” of the

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
	<p>Masbate CRM showcase (A. Sia). Providing the venue for CRM Interpretive Center and Museum (A. Sia).</p> <p>3rd Quarter 2003: I TWG in the conduct of M&E assessment of Masbate City CRM M&E report (E. Deguit, A. Sia)</p> <p>4th Quarter 2003: 4th Quarter 2003: Provincial Planning and Development Office (PPDO) and Provincial Office on Environment and Natural Resources Management (POEM) – Strategic and Action Planning for Masbate CRM Showcase (A. Sia, R. Smith).</p>
Province of Cebu	<p>1st Quarter 2003: Pursued discussions with Provincial Planning and Development Office, Cebu province for their interest/commitment to make Cebu a staging area for CRM Learning Destinations in Region 7 (R. Farrarons; R. Smith). Follow up activities regarding Delineation of Municipal Waters and activities of the Cebu CRM Partners (R. Farrarons, M. Gasalatan).</p> <p>2nd Quarter 2003: Jointly established the Provincial CRM Certification Committee and the Provincial MCD under PPDO. Established a reporting system in the maintenance of MCD. Facilitated the municipal water delineation in the entire Cebu Province (A. Lim).</p> <p>2nd Quarter 2003: Cooperation and coordination as "operator" of the Cebu CRM showcase (R. Farrarons). Manning and promotion of the Month of the Ocean exhibit at SM Mall (R. Farrarons).</p> <p>3rd Quarter 2003: Co-implemented facilitation of PCRA for the municipality of Borbon and meeting with the LGU of Aloguinsan for possible assistance in CRM (E. Deguit, W. Jartulan, A. Lim, J. Floren)</p>
Province of Bohol	<p>1st Quarter 2003: Pursued discussions with the Provincial Tourism Office and the Chair of the Provincial Board Committee on Tourism to serve as the primary operator of the "CRM Learning Destinations in Bohol" (R. Smith, R. Farrarons). Conducted meeting with the CLEAR7 regarding PEDO training and provided information used in training (M. Guidote, S. Gulayan)</p> <p>4th Quarter 2003: Co-sponsored CRMP closing meeting (A. Gulayan).</p>
Province of Davao del Sur	<p>4th Quarter 2003: Assisted the Provincial CRM TWG in providing technical guidance to LGUs (A. Yambao, H. Cafugauan, R. Mancao); Assisted in the development of Southern Mindanao CRM Showcase Tour (H. Cafugauan, A. Sia)</p>
Province of Negros Oriental	<p>3rd Quarter 2003: Conduct of Trainers' Training for PTWG on MCD operation and maintenance. (W. Ablong, E. Deguit, J. Floren, M. Ocana).</p> <p>4th Quarter 2003: Co-sponsored CRMP closing meeting and turnover ceremony (W. Ablong, E. Tabara, A. White).</p>
Province of Sarangani	<p>1st Quarter 2003: Pursued discussions with the Provincial Planning and Development Office and Provincial Administrator's Office regarding the showcasing of selected CRM projects in Sarangani Province (R. Smith, A. Sia, H. Cabangon).</p> <p>3rd Quarter 2003: Assisted PTWG in the conduct of Habitat Assessment training for the PTWG members and LGU participants. (E. Deguit, A. Yambao, J. Floren, W. Jatulan, K. Dequito)</p> <p>4th Quarter 2003: Co-sponsored and facilitated CRMP Closing Activity (H. Cabangon, K. Dequito, E. Deguit, W. Jatulan).</p>

HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2003	
PARTNER	COLLABORATIVE ACTION AND OUTCOME
Autonomous Region of Muslim Mindanao	3 rd Quarter 2003: Met with DENR-ARMM officials to discuss planned training activities in the area (A. Yambao, R. Smith, W. Jatulan); Conducted ICM training to DENR and BFAR staff in ARMM region (A. Yambao, E. Deguit, J. Floren, H. Cabangon, K. Dequito). 4 th Quarter 2003: Trained DENR and BFAR technical staff on IEC for CRM (A. Yambao, R. Smith, M. Gasalatan); Coordination with BFAR and DENR in the preparation of Illana Bay Fisheries Profile (A. Yambao).
City Government of Davao del Sur	4 th Quarter 2003: Assisted in the preparation of CRM Framework Plan (A. Yambao).
Local Government of Mandaue City	2 nd Quarter 2003: Provided manpower complement in the task force kinhason implementation (M. Guidote, S. Gulayan, R. Omega, K. Cerence).
Integrated Bar of the Philippines (IBP)	4 th Quarter 2003: Meet with IBP Officials re: legal assistance on coastal law enforcement (M. Guidote, A. Lim, W. Jatulan).

APPENDIX D
LIST OF IEC MATERIALS PRODUCED BY CRMP
4 PAGES

LIST OF IEC MATERIALS PRODUCED BY CRMP (as of December 31, 2003)

POSTERS

1. A Call for Leadership (English and Cebuano)
2. Coastal Alert! (English and Cebuano)
3. For Future's Sake (English and Cebuano)
4. Imagine the Future without Mangroves (bilingual – English/Cebuano)
5. Human Impacts on the Environment (English)
6. Month of the Ocean posters: "It's their Ocean too, and their future"; "*Ang Dagat ay buhay, ating kinabukasa'y dito nakasalalay*"
7. Philippine Fisheries in Decline, No Time to Lose (English)
8. *Nagkagamay na ang atong kuha gikan sa panagat* (Cebuano variation of the Philippine Fisheries in Decline)
9. Fisheries are Finite Resource

TECHNICAL / REFERENCE PUBLICATIONS

1. Tambuli Newsletter: (Issues no. 1-7)
2. Legal and Jurisdictional Guidebook on Coastal Resource Management in the Philippines
3. The Values of Philippine Coastal Resources: Why Protection and Management are Critical
4. Participatory Coastal Resource Assessment (PCRA) Manual
5. CRM Primer
6. *Food Security and Coastal Resource Management*
7. Rhythm of the Sea: Coastal Environmental Profile of San Vicente, Palawan
8. Coastal Environment Profile of Malalag Bay
9. *Coastal Environment Profile of Bohol*
10. Coastal Environment Profile of Olango Island
11. Coastal Environment Profile of Sarangani Bay
12. *Coastal Environment Profile of Negros Oriental*
13. Coral Reef Monitoring for Management
14. Mangrove Management Handbook
15. CRMP Mid-Term Report: CRMP in Midstream- On Course to a Threshold of Sustained Coastal Management in the Philippines
16. Philippine Coastal Management Guidebook Series (8 volumes)
17. Bohol Island: Its Coastal Environment Profile
18. Sustainable Coastal Tourism Handbook for the Philippines
19. Philippine Fisheries in Crisis: A Framework for Management
20. *Hudyat ng Dagat para sa Pagbabago*
21. Modeling the Way – *Lessons in Developing Capacities for Coastal Management in the Philippines*

POPULARIZED PUBLICATIONS

1. The Coastal Resource Management Project (CRMP) brochure/leaflet (English and Cebuano)
2. Coastal Alert! Pamphlet
3. Coastal Alert! Magazine
4. Coastal Alert! Magazine special edition on the Ocean Ambassadors Homepage
5. Coastal Alert! Magazine special edition on the Conference of Coastal Municipalities of the Philippines
6. Saving the Philippine Seas, speech by His Excellence President Joseph E. Estrada
7. Guide to the Video Course on the Establishment of Community-based Marine Sanctuaries (English and Pilipino)
8. "Save our Seas" *Kapitan Barungoy* Coloring Book
9. Call to Action flyer
10. Lost Reefs leaflet
11. Mangroves Brochure.
12. Mangroves FAQ pamphlet
13. Mangroves in Trouble leaflet
14. Philippine Fisheries in Decline leaflet
15. "Our Seas, Our Lie" Exhibit Guide
16. Hop on the Olango Tour
17. Paddling up the Cambuhat River
18. "I Love the Ocean" Movement leaflet
19. The Blue Tapestry: A Community Arts Project Celebrating the Philippine Centennial and the International Year of the Ocean
20. Search for Best CRM Program Awards
21. MCD Operation Manual
22. M & E Guidelines Booklet
23. Fish Ruler (new version)
24. Coastal Law Enforcement Booklet
25. Sustainable Fisheries Development and Management Through a National Integrated Fisheries Management Strategy
26. Monitoring and Evaluating Municipal/City Plans and Programs for Coastal Resource Management

MATERIALS IN CD FORMAT

1. Municipal Coastal Database 2000 (v.3)
2. CRMP Publication on CD
3. Coastal Resource Metadatabase (Negros Oriental, Davao del Sur, Palawan, Sarangani and Bohol)

EXHIBIT PANELS

1. Our Seas, Our Life Info Panels and Walls*
2. Coastal Resource Management Bamboo Panel Exhibit
3. Protected Seascapes*

4. Ocean Depths Map
5. Exhibit panels for Bohol
6. Exhibit panels for Saranggani
7. Blue Backdrops: 1) "Bring Back our Future, Manage our Coastal Resources", 2) "Coastal Resource Management for Food Security"; 3) Have a Heart, Stop illegal fishing; Reduce Fishing Effort to Sustainable Levels; Protect and Manage Coastal Habitats; Municipal Waters for Municipal Fishers; 4) "Manage our Coastal Resources, Your leadership can Make the Difference; and 5) Restore our Mangroves

WEB SITE

7. <http://www.oneocean.org>. – CRMP's website serves as the official source of information on coastal resource management in the Philippines and around the world. The site makes available online and for downloading, CRMP technical / reference documents. The site incorporates among other features, pages for CRMP, 36 issues of its electronic magazine, *Over Seas*, the *CRM Tools Page*. *DENR Region 11 web page*, and the *Ocean ambassadors' homepage*.

VIDEO / AUDIO MATERIALS

1. *Ang Dagat ay Buhay* (Our Seas, Our Life) song.
2. *Sigaw ng Karagatan* documentary
3. *Karaniwang Tao MTV*
4. *Tungo sa Bagong Umaga* video documentary on the 6 winning Search for Best CRM Program Awards
5. TV/Radio Plugs for Ocean Month
6. TV/Radio Plugs on Illegal fishing
7. Radio plug on the cutting of mangroves
8. TV/ Radio plug on the intrusion of commercial fishing in municipal waters
9. Video course on Coastal Resource Management (10 – part series on CRM in Pilipino)
10. Video course on the Establishment of Marine Sanctuaries (7 – part series on marine sanctuaries in Pilipino)
11. "Colors of the Sea" Children's video (6 part – series for children on the interconnectedness of land and marine ecosystems in Filipino)

* these exhibit panels are now housed with the Protected Areas and Wildlife Bureau, DENR

OTHER PROMOTIONAL MATERIALS

1. "I Love the Ocean" labels/ sticker
2. "I Love the Ocean" membership card, Blue Heart Pin and Creed
3. Oneocean.org postcard

BRIEFING MATERIALS

1. Participatory Coastal Resource Assessment (PCRA) and CRMP Briefing Kit (in English and Cebuano)
2. Briefing Package on CRMP
3. Introduction to Coastal Resource Management
4. Introduction to Integrated Coastal Management
5. Economic Valuation of Coastal Resources
6. Food Security and Coastal Resource Management
7. Into the Mainstream: Promoting Coastal Resource Management in the Philippine National Agenda
8. Mangrove Management
9. Earthwatch Research Results
10. Revised Results Framework
11. A Framework for Enterprise Development in Coastal Areas
12. Sustainable Coastal Tourism Framework
13. Philippine situational analysis of coastal resources
14. Information, education, communication (IEC) Framework
15. DAO 17 (Guidelines for Delineating/Delimiting Municipal Waters
16. Monitoring and Evaluation Guidelines

TRAINING MATERIALS

1. Integrated Coastal Management Training Module
2. Participatory Coastal Resource Assessment Training Module
3. Marine Protected Area Establishment and Management Training Module

APPENDIX E
SUMMARY OF EXPENDITURES THROUGH DECEMBER 31, 2003 (USAID ONLY)