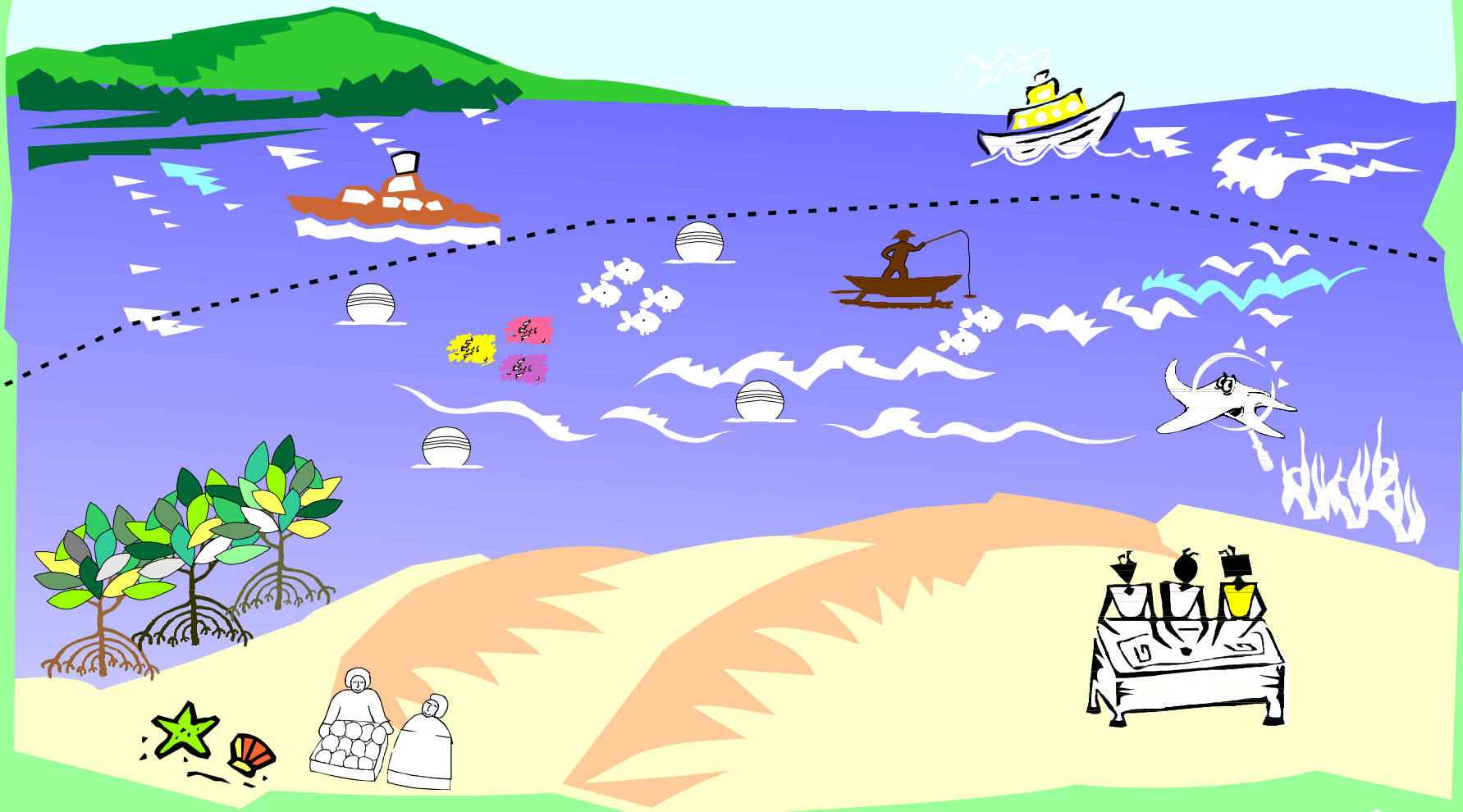
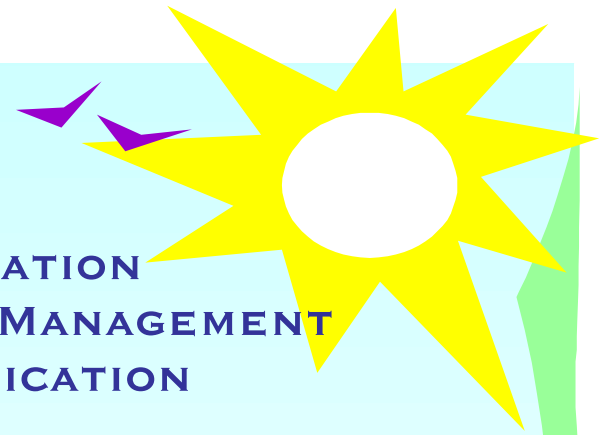


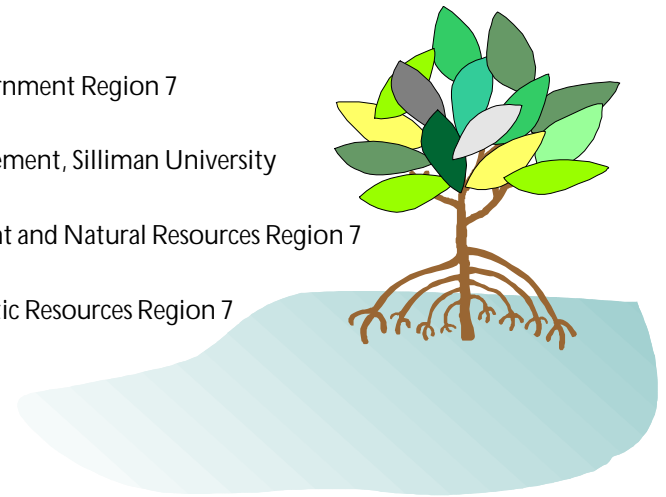
**GUIDELINES FOR
ANNUAL MONITORING AND EVALUATION
OF MUNICIPAL/CITY COASTAL RESOURCE MANAGEMENT
PLANS AND PROGRAMS FOR CERTIFICATION**



Acknowledgments

These guidelines represent the composite work and input of many individuals and organizations including local government units, nongovernment organizations, academic institutions, and national government agencies. The authors are:

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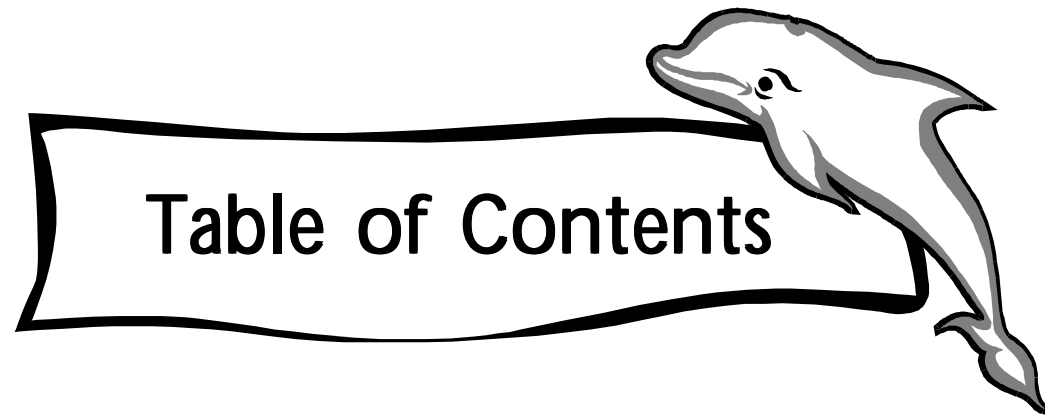
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The guidelines and CRM certification review processes were field tested in over 30 municipalities and cities from the provinces of Palawan, Bohol, Negros Oriental, Davao del Sur, and Sarangani, covering Regions 4, 7, 11 between January to June, 2001. The inputs from staff from DENR Region 11, BFAR Region 11, DILG Region 11, NEDA Region 11, DTI Region 11, ISFI, and UP Mindanao provided valuable insights to the development of the guidelines. Necessary revisions were incorporated based on comments and feedback received from the field. These guidelines will undergo periodic review and revision as needed based on further implementation experiences.

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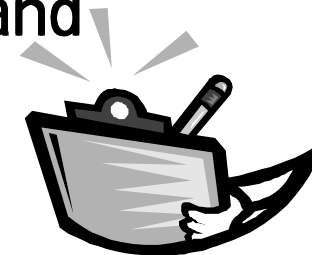
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I. The Importance of Monitoring and Evaluation in Coastal Resource Management



Local government units (LGU) represent the frontline stewards and last safety net for coastal resources in the Philippines. The primary mandate to manage coastal resources was devolved to the local government level with the passage of the 1991 Local Government Code and 1998 Fisheries Code. Coastal municipalities and cities were given jurisdiction over coastal resources and municipal waters out to distance of 15 km from the shoreline and the responsibility for delivering coastal resource management (CRM) as a basic service. Provincial governments also play a vital role in CRM through technical assistance and training, local policy review and harmonization, and information management.

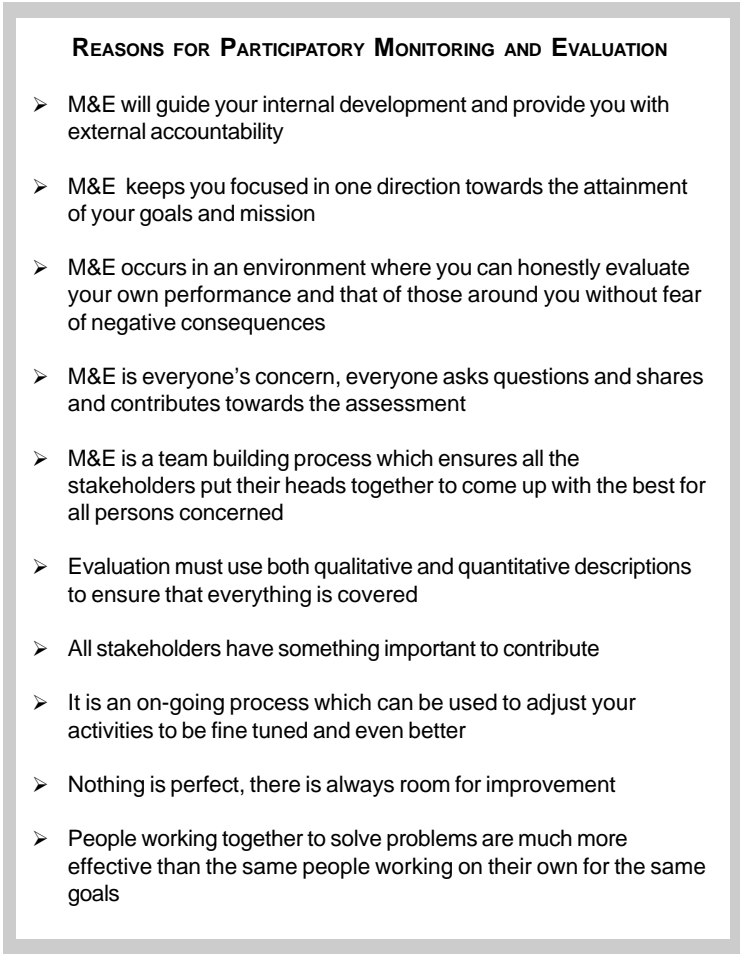
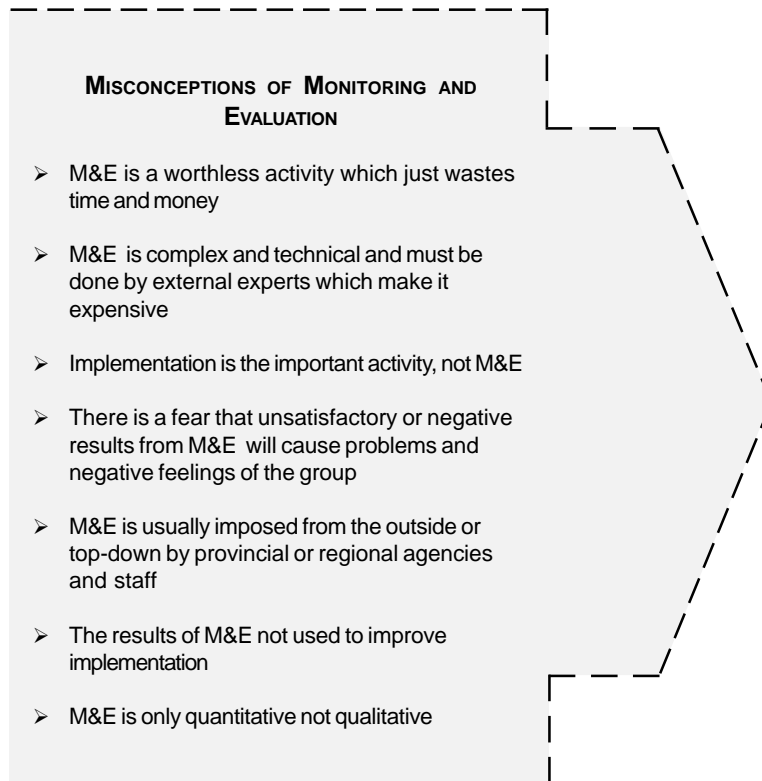
Monitoring and evaluation (M&E) of municipal and city CRM plans and programs is essential for sustaining management measures designed to improve the productivity and integrity of coastal ecosystems and to restore benefits derived from coastal resources. While municipalities and cities are primarily responsible for conducting M&E, assistance from and collaboration with other institutions and organizations including provinces,



national government agencies, NGOs, and academic institutions is necessary in the conduct of effective M&E. M&E of municipal and city CRM plans and programs is essential to:

- Determine the degree to which planned interventions are being implemented and are working
- Identify areas for improvement in directions and strategies
- Assess impacts of CRM plans and programs on biophysical and socioeconomic conditions in the area
- Characterize the benefits from CRM accruing to coastal communities and society at large
- Estimate returns on investments in CRM at the local government level
- Build community support for CRM plans and programs

Traditional M&E approaches promote strictly quantitative methodology, conducted by experts, often as a requirement for compliance monitoring in a top down governance framework. This traditional paradigm has hindered effective M&E. A new paradigm in M&E is needed to promote broad stakeholder and multisectoral participation using quantitative and qualitative methods as a process of self-evaluation and continuous quality improvement.



These guidelines promote this new style of M&E as a participatory process initiated by the coastal municipalities and cities and promoting broad participation by the community and other stakeholders in evaluating successes and challenges and identifying areas for improvement. To complement this new style of M&E, a CRM Certification System is described that enables coastal municipalities and cities to voluntarily submit the results of M&E for

- external evaluation and validation by multisectoral provincial and regional committees. Coastal municipalities and cities with certified CRM plans and programs are those that meet a set of benchmarks of local government performance in CRM. These guidelines set forth basic concepts and steps in conducting annual M&E at the municipal and city level and provide a framework for certifying municipal and city CRM plans and programs at provincial and regional levels.

Questions answered through M&E of CRM plans and programs

The multi-year CRM plan serves as the overall framework guiding the implementation of strategies and best practices designed to improve the condition of coastal ecosystems and productivity of coastal resources. An annual evaluation of the CRM plan should be conducted as the starting point for M&E. All sections of the CRM plan should be reviewed regardless of status of implementation.

Illustrative questions for evaluation of typical CRM plans and programs

CONTENTS OF CRM PLAN	EVALUATION QUESTIONS
Description of area	<ul style="list-style-type: none"> ➤ Is relevant and adequate information used to describe the coastal zone and municipal waters? ➤ Are municipal/city and barangay profiles complete? ➤ Does the baseline assessment provide adequate data for monitoring and evaluation?
Maps	<ul style="list-style-type: none"> ➤ Are spatial data presented on maps? ➤ Are municipal water boundaries, marine sanctuaries, and other use zones accurately delineated with coordinates and displayed clearly in a map? ➤ Are coastal resource uses and conditions detailed?
Management issues	<ul style="list-style-type: none"> ➤ Are the issues clearly articulated? ➤ Is the process used to identify and prioritize the issues described? ➤ What issues have arisen since the plan was implemented?
Goals and objectives	<ul style="list-style-type: none"> ➤ To what extent do the goals and objectives reflect the issues that have been identified? ➤ Is the purpose of the plan understood by those who are likely to be affected?
Management interventions (strategies and actions)	<ul style="list-style-type: none"> ➤ Are the strategies addressing the issues and plan objectives? ➤ Is the basis upon which the management measures and actions were designed validated? ➤ How far have we come in implementing the plan?

CONTENTS OF CRM PLAN	EVALUATION QUESTIONS
	<ul style="list-style-type: none"> ➤ What is the level of community support for the actions being implemented? ➤ How have the strategies been revised over time? ➤ What is the impact of groups or individuals? ➤ Are there measurable socio-environmental impacts resulting as a result of CRM plan implementation? ➤ Are biophysical conditions improving compared to baseline conditions? ➤ Has the fish catch and coastal habitat quality improved?
Institutional and legal framework	<ul style="list-style-type: none"> ➤ Is the capacity of the municipal/city staff, Municipal/City Fisheries and Aquatic Resource Management Councils, and coastal law enforcement units adequate to implement the plan? ➤ Is the legal and institutional framework adequate for CRM plan implementation? ➤ Is the M/CFARMC and other resource management organizations formed and active? ➤ Have adequate numbers of trained LGU staff been assigned to a municipal/city CRM unit? ➤ What is the quality of work, on time and in accordance with terms of reference; performed by consultants or assisting organizations tasked to assist the LGU in plan implementation? ➤ Do implementation activities balance regulatory and non-regulatory actions? ➤ Have local ordinances necessary for plan implementation been drafted and passed? ➤ Are registry and liscensing systems for fisherfolk institutionalized?
Timeline	<ul style="list-style-type: none"> ➤ Are planned interventions and actions being implemented as scheduled? ➤ What delays and why have delays been experienced?
Monitoring and evaluation	<ul style="list-style-type: none"> ➤ Has a monitoring and evaluation plan been developed? ➤ Is the monitoring and evaluation system functional? ➤ Is the information management system functional? ➤ What refinements to the plan are needed to improve implementation?

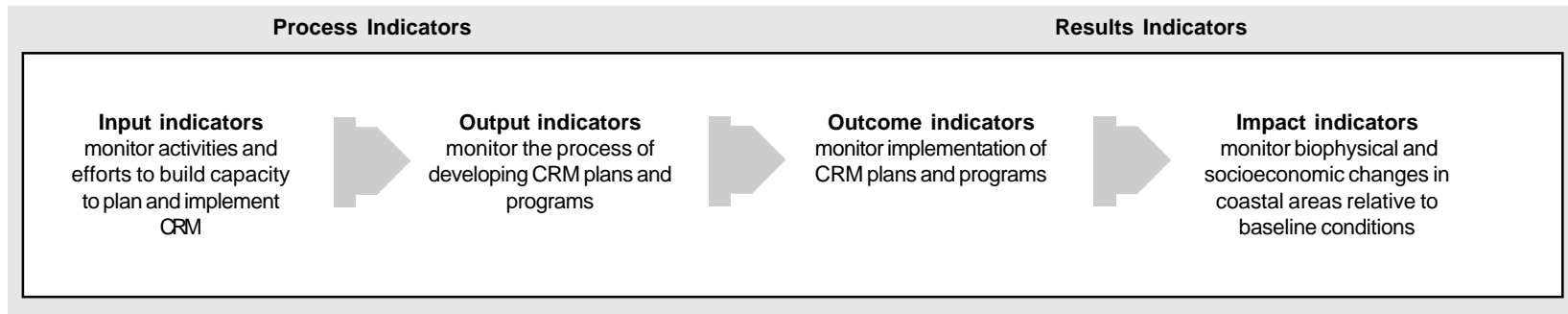
A CRM plan identifies various best practices or management strategies that need to be implemented to address priority issues. Monitoring and evaluation of these CRM best practices is essential in determining the success of plan implementation. For example, the establishment of marine sanctuary user fees for tourists may have been identified as a revenue generating strategy for the community and municipality; however, implementing this one seemingly simple intervention may reveal a number of problem areas that require refinement. Review of the implementation of this strategy may reveal that the mechanism for fee collection is cumbersome or inadequate or revenues generated may not be accruing toward community benefits, or the fee established is too high or too low. M&E is the only way to identify issues that have arisen since the plan was formulated and to make necessary refinements or adjustments.

Selecting Monitoring Indicators and Methods

Monitoring programs should be developed to track both process and results indicators. Process indicators are used to monitor the governance aspects of CRM plan implementation including how and when planned activities are progressing, how social processes (such

as community organization) are proceeding, and whether there is adequate public participation by all stakeholders in CRM planning and implementation. Results indicators are used to monitor the outcomes or impacts of these processes on behavior change and socio-environmental conditions. While it is important to keep track of process indicators, such as the number of participants trained or number of deputized fish wardens, these types of indicators do not provide any real measure of changes occurring as a result of implementing various coastal management measures.

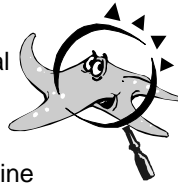
The use of impact indicators in M&E enable municipalities and cities to determine measurable changes in socio-environmental conditions from baseline conditions and over time resulting from the implementation of their CRM plans and programs. These types of indicators are usually those that have a direct relevance to coastal stakeholders and the LGU. For each impact indicator, the unit of measure must be specified. The method of data collection and analysis must be clearly described and standardized to enable reliable and repeatable monitoring year after year.



**ILLUSTRATIVE IMPACT INDICATORS FOR CRM PLANS
AND PROGRAMS**

- Municipal fish catch per unit effort (kilograms/fisher/day)
- Living coral cover and fish abundance inside and outside marine protected areas (% living coral cover, number of fish/500 m²)
- Mangrove area under effective management (hectares planted and managed)
- Upland forest area under effective management (hectares planted and managed)
- Solid waste management system effective (volume of solid waste recycled/disposed)
- Household income in coastal barangays (income/family)
- Frequency of CRM-related violations (daily, weekly, monthly)
- Level of stakeholder support for CRM plan and programs (percentage of stakeholders with knowledge of and supporting CRM best practices)

As one example, the unit of measure for living coral cover is *percent living coral cover*. This can be determined using SCUBA or snorkel survey methods, depending on the water depth, where a 50-m transect line is used to estimate the percent of living coral over the sea bottom. Observations are made every 25 cm along the transect line and the condition is noted as living coral, dead coral, rubble, or sand where the transect line touches the bottom. Observations are made every 25 cm along the transect line for a total of 200 observations. The total number of observations of living coral cover is divided by the total of 200 observations to estimate the *percent living coral cover*. If along the transect line, living coral cover was observed 100 times along the 50-m transect then the percent living coral cover along that



transect would be 50 percent. Other considerations that must be factored into the reliability and repeatability of monitoring this impact indicator is the location and depth of the transect. The transect depth should be noted and the transect line laid out over an area of fairly uniform depth because the percent living coral cover naturally varies with depth and penetration of sunlight. The location of the transect should be noted using land features or a global positioning system to be able to repeat the transect at another time. Several transects should be conducted during a confined time period in order to average results to reduce variability of the estimate. Despite the fairly technical nature of monitoring this particular impact indicator, however, coastal communities can be readily trained to monitor changes in living coral cover and socio-environmental indicators as is promoted by participatory coastal resource assessment.

A combination of methods may be needed to conduct M&E of CRM plans and programs. Secondary data from existing studies is a rich source of data that can be used to establish baseline conditions and trends. Surveys, interviews, and consultations may be used to provide data on the level of knowledge and support for CRM plans and programs. Participatory coastal resource assessment (PCRA) is a valuable method that can be implemented by trained community members to provide quantitative and qualitative data on socio-environmental conditions. Regulatory monitoring, such as the number of fishing licenses or volume of fish sold in markets, is also an important method that can be used for M&E of CRM plans and programs. National government agencies, NGOs, and academic institutions should provide LGUs copies of studies and research reports conducted in the municipality or city each year. They should also be tapped to assist the municipalities and cities conduct priority monitoring and research necessary for M&E.

KEY MONITORING METHODS FOR CRM PLANS AND PROGRAMS

- Review and analyse secondary and other available data and information
- Ocular inspection of shoreline/foreshore areas and municipal waters
- Interviews with key informants, LGU staff, and partner organizations
- Consultations at community/barangay levels
- Surveys at community/barangay levels
- Participatory coastal resource assessment
- Quantitative biophysical and socioeconomic assessments
- Regulatory and compliance monitoring

Benchmarking LGU performance in CRM

M&E activities using the indicators and methods selected can be guided by a set of benchmarks that describe the level of performance of the LGU in delivering CRM as a basic service. Benchmarks for beginning, intermediate, and advanced levels of CRM have been identified to assist coastal municipalities and cities gauge the status of their plans and programs as well as provide direction and focus for future activities. The results of M&E can be used to make a self-assessment of the level of CRM achieved by the LGU. A summary of the benchmarks is provided below and a detailed description of each benchmark provided in *Appendix A, Municipal/City Benchmarks for Beginning, Intermediate, and Advanced Levels of CRM*. These benchmarks cover each phase of the CRM process as well as specific best practices. The achievement of CRM Levels 2 and 3 assumes that the benchmarks for previous levels have been satisfied.

Specific M&E activities for CRM plans and programs can be grouped in categories of CRM benchmarks. Such groupings help to distribute the responsibility for M&E to a broader range of LGU staff

Summary of Municipal/City Benchmarks for Beginning, Intermediate, and Advanced Levels of Coastal Resource Management¹

LEVEL 1 - BEGINNING CRM

Acceptance of CRM as a basic service of municipal/city government with planning and field interventions initiated (1 to 3 years)

- ✓ Multi-year CRM drafted
- ✓ Baseline assessment conducted
- ✓ CRM-related organizations formed and active
- ✓ Annual budget allocated for CRM
- ✓ Shoreline/foreshore management measures planned and initiated
- At least 2 CRM best practices planned and initiated

LEVEL 2 - INTERMEDIATE CRM

Implementation of CRM plans underway with effective integration to local governance (2 to 5 years)

- ✓ Multi-year CRM plan finalized and adopted
- ✓ Monitoring plan developed for assessing socio-environmental conditions
- ✓ CRM-related organizations active and effective
- ✓ Financial and human resources assigned permanently to CRM activities
- ✓ Shoreline/foreshore management plan adopted with implementing guidelines
- At least 4 CRM best practices implemented with measured success

LEVEL 3 - ADVANCED CRM

Sustained long-term implementation of CRM with monitoring, measured results, and positive returns (5 years or more)

- ✓ Multi-year CRM plan implemented, reviewed, and revised as necessary
- ✓ Socio-environmental conditions assessed in accordance with monitoring plan
- ✓ CRM-related organizations effective and supported financially through municipal/city budget or revenue generating mechanisms
- ✓ Annual programming and budget sufficient to implement the plan
- ✓ Shoreline/foreshore management effective with regular monitoring and enforcement of guidelines
- At least 6 CRM best practices implemented with measured results and positive returns
- Illegal activities and destructive practices minimized or stopped
- Biophysical improvement measured
- Socioeconomic benefits accrue to coastal residents
- Positive perceptions of CRM interventions among stakeholders

¹See Appendix A for detailed description of CRM benchmarks



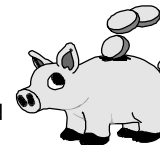
and stakeholders with specific interest and responsibility for each category. Responsible LGU offices and the active participation of M/CFARMC members, and other partner institutions should be identified for each activity.



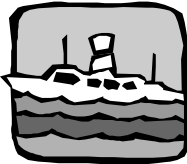
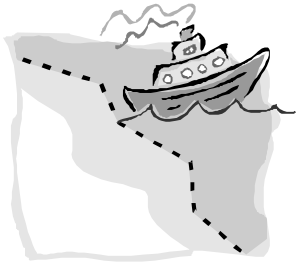
Update Municipal Coastal Database with annual results of M&E

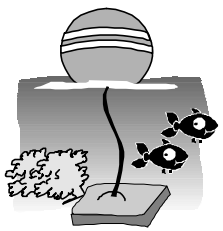

Illustrative Monitoring and Evaluation Activities for Municipality/City CRM Plans and Programs

CRM BENCHMARKS	MONITORING AND EVALUATION ACTIVITIES	M&E TEAM AND PARTNERS ¹
Multi-year CRM plan	<ul style="list-style-type: none"> ➤ Review and analyze the CRM plan and status of implementation for the report year <i>(see list of illustrative questions for evaluation of typical CRM plans and programs)</i> 	M/CPDO, M/CENRO, M/CAO, SB/SP, M/CFARMC, LGOO
Coastal resource assessment	<ul style="list-style-type: none"> ➤ Review and analyze information and data from participatory coastal resource assessments or other biophysical and socioeconomic assessments conducted by the LGU, national government agencies, NGOs and academic institutions during the report year. ➤ Conduct participatory coastal resource assessments to document baseline coastal habitat conditions and changes over time ➤ Conduct socioeconomic assessments and surveys to determine average household income, income derived from fishing or other CRM-related activities, CRM issues 	M/CAO, M/CENRO, M/CFARMC, POs, DENR, BFAR, AOs
CRM-related organizations	<ul style="list-style-type: none"> ➤ Identify key organizations in the LGU involved in CRM including M/CFARMC, TWGs, PO's, NGOs and assess the status of activity during the report year ➤ Conduct capacity assessment and consultations to determine the level of activity, effectiveness, and viability of each organization by the number of meetings conducted during the report year, activities conducted by each organization, legal structure for each organization, or other indicators for the report year 	M/CAO, M/CSWDO, POs, LGOO, and AOs
Annual CRM programming and budgeting	<ul style="list-style-type: none"> ➤ Review and analyze budget line items allocated for CRM during the report ➤ Compare the budget allocated against actual expenditures; identify shortfalls, unanticipated costs, and if the budget allocated was used to fund planned activities ➤ Conduct capacity assessment to determine staffing, equipment, and training requirements of LGU staff 	M/CPDO, M/CAO, M/CBO, M/CTO, SB/SP
Shoreline/foreshore management	<ul style="list-style-type: none"> ➤ Review and analyze shoreline/foreshore management strategies implemented in the CRM plan ➤ Conduct ocular inspections and monitor shoreline and foreshore areas of the LGU during the report year to determine baseline conditions and changes over succeeding years and compliance with agreements and permits related to shoreline/foreshore use ➤ Review and analyze the effectiveness of local legislation in preventing shoreline/foreshore development and degradation 	M/CPDO, M/CEO, M/CENRO, SB/SP, DENR



CRM BENCHMARKS	MONITORING AND EVALUATION ACTIVITIES	M&E TEAM AND PARTNERS
Local legislation	<ul style="list-style-type: none"> ➤ Review and analyze resolutions and ordinances passed during the report year and compare to local legislation identified in the CRM plan ➤ Conduct consultations with CLEUs to determine difficulties in enforcing laws that can be remedied by introducing or revising local legislation ➤ Conduct surveys of target groups to determine the level of awareness and support for CRM-related local legislation 	SB/SP, M/CAO, CLEU, M/CFARMC
Municipal water delineation	<ul style="list-style-type: none"> ➤ Review and analyze status of municipal water delineation process ➤ Evaluate capacity and effectiveness of CLEUs to patrol and monitor municipal water boundaries in terms of seaborne assets and trained personnel ➤ Conduct interviews and surveys to determine the frequency of seaborne patrols by CLEU in the report year ➤ Determine the degree of compliance of target groups with municipal water boundaries during the report year 	M/CPDO, CLEU
Coastal zoning	<ul style="list-style-type: none"> ➤ Review and analyze coastal use zones and assess implementation ➤ Conduct ocular inspection and review permits to determine compliance with coastal zoning regulations for the report year ➤ Review and analyze revenues generated from coastal area use zones for the report year 	M/CAO, M/CEO, SB/SP, M/CTO, CLEU, DENR
Fisheries management	<ul style="list-style-type: none"> ➤ Review and analyze fisheries management strategies implemented from the CRM plan ➤ Monitor annual production of municipal fisheries by compiling and analyzing landed fish catch and market survey reports (e.g. ticket sales, auxiliary invoices) for the report year. ➤ Monitor the number municipal fishers and boats registered/licensed in the LGU during the report year ➤ Conduct interviews and surveys of municipal fishers to determine the average catch per fisher per day by location for the report year 	M/CAO, M/CTO, M/CFARMC, BFAR
Coastal law enforcement	<ul style="list-style-type: none"> ➤ Conduct capacity assessment of CLEUs based on number of fish wardens, bantay dagat members, and police assigned to coastal law enforcement; number of operational patrol boats and the availability of radios, GPS, safety gear, camera, and other equipment needed for coastal law enforcement ➤ Review and analyse enforcement records to determine the frequency of coastal law enforcement operations from records of patrols or operations conducted at sea or on land ➤ Review and analyse the number of apprehensions, cases filed, and prosecutions from police records 	CLEU, M/CFARMC



CRM BENCHMARKS	MONITORING AND EVALUATION ACTIVITIES	M&E TEAM AND PARTNERS
<p>Marine protected areas</p> 	<ul style="list-style-type: none"> ➤ Review and assess the number and area covered by MPAs in CRM plan ➤ Assess status of implementation of MPA management plan ➤ Assess the level of LGU support and capacity for MPA management as staff dedicated to MPA management, level of compliance with MPA zones, coastal law enforcement and budget allocated for MPA maintenance. ➤ Conduct annual assessment of living coral cover and fish visual census using 50 m transect method; report changes over time ➤ Assess level of community support and benefits derived from marine protected areas through interviews and surveys ➤ Assess revenues generated from fees or other mechanisms as a result of MPA management 	<p>M/CAO, M/CFARMC, M/CENRO, POs, AOs</p>
<p>Mangrove management</p>	<ul style="list-style-type: none"> ➤ Review and assess mangrove management implementation for each management regime ➤ Conduct interviews with PO members to determine status of CBFMA implementation ➤ Determine the area of mangroves planted during the report year in each management regime 	<p>M/CAO, M/CENRO, POs, DENR, AOs</p>
<p>Waste management/pollution prevention</p>	<ul style="list-style-type: none"> ➤ Review waste management and pollution prevention program implementation ➤ Assess effectiveness of segregation, recycling, and disposal methods through interviews with responsible LGU staff and surveys of residents ➤ Document the volume and types of waste in coastal areas through annual coastal clean-ups for the report year and changes in volume over time 	<p>M/CENRO, M/CHO, DENR</p> 
<p>Upland/Watershed management</p>	<ul style="list-style-type: none"> ➤ Review upland/watershed management implementation for each project undertaken by the LGU and other organizations through ocular inspection, interviews with stakeholders ➤ Assess biophysical impacts of management on forest cover and water quality of river, estuarine and coastal waters 	<p>M/CAO, M/CENRO, POs, DENR</p>
<p>Coastal environment-friendly enterprise development</p>	<ul style="list-style-type: none"> ➤ Identify and assess the status of all enterprise development/livelihood projects in the LGU for the report year in terms of: status of implementation; number of individuals/households effected; nature and amount of benefits derived from projects 	<p>M/CAO, M/CPDO, M/CSWDO, NGOs</p>
<p>Revenue generation</p>	<ul style="list-style-type: none"> ➤ Identify and account for of all revenues generated, including fees and fines, and external sources of funding for CRM-related activities in the LGU for the report year 	<p>M/CTO, M/CBO, M/CPDO, SB/SP</p>
<p>Multi-institutional collaboration for CRM</p>	<ul style="list-style-type: none"> ➤ Compile and review all multi-institutional agreements on CRM including MOAs, MOUs, or other instruments between the LGU and other organizations for the conduct of training and technical assistance, biophysical and socioeconomic monitoring, coastal law enforcement, counterpart funding arrangements or other aspects of CRM implementation 	<p>M/CPDO, NGAs, LGOO, AOs</p>

¹SB: Sanggunian Bayan/Sangguniang Panlungsod; M/CAO: Municipal/City Agriculture Office; M/CPDO: Municipal/City Planning Development Office; M/CFARMC: Municipal/City Fisheries and Aquatic Resource Management Council; M/CSWDO: Municipal/City Social Welfare Department Office; M/CTO: Municipal/City Treasurers Office; M/CBO: Municipal/City Budget Office; M/CENRO: Municipal/City Environment and Natural Resources Office; M/CEO: Municipal/City Engineering Office; CLEU: Coastal law enforcement units including PNP, deputized fish wardens, and bantay dagat; NGA: National government agencies; LGOO: Local Government Operations Office (DILG); DENR: Department of Environment and Natural Resources; BFAR: Bureau of Fisheries and Aquatic Resources; AO: Assisting organizations including NGOs and academic institutions

Planning Annual Monitoring and Evaluation Activities

M&E activities for municipal/city CRM plans and programs should be planned and scheduled in advance to enable participation and involvement of different stakeholders including community members, M/CFARMC members, NGOs, and national government agencies. The development of an M&E plan facilitates the conduct of annual M&E. Key elements of a M&E plan for CRM include a statement of the purpose and objectives, indicators, methods, sampling intervals, tasks and activities to be conducted and a schedule for completion. Roles and responsibilities for each activity should be clearly described with a lead LGU office for each task. The M&E plan should also describe how data will be compiled, analyzed, managed and reported. Partner institutions that can assist municipalities and cities should be identified and formal agreements, such as Memorandum of Agreements, adopted to sustain M&E activities.

ELEMENTS OF A MONITORING AND EVALUATION PLAN FOR CRM

- Introduction
- Purpose and objectives
- Indicators, methods, and sampling intervals
- Tasks and activities according to CRM benchmarks
- Responsible LGU offices and partner institutions
- Schedule of activities
- Data compilation and analysis
- M&E Report preparation

The completion of all M&E activities and preparation of the annual M&E Report should be timed so that the results can be used for annual programming and budgeting by the LGU and other partner organizations. Monitoring activities may require daily, weekly, or monthly schedules. All M&E activities should be completed by October or November of each calendar year with the final Annual M&E Report adopted by SB/SP by the end of each calendar year.

Reporting Annual CRM Monitoring and Evaluation Results

The results of annual monitoring and evaluation may be reported using the template provided in *Appendix B, M&E Report for CRM*. The report should document the process, summarize the results, and state the conclusions of the annual M&E following the template. A short narrative should be prepared using the template describing key activities, accomplishments, and results for the report year. Supporting tables or graphs should be attached to the M&E Report generated from the Municipal Coastal Database (MCD) and other sources. The LGU should use the criteria in *Appendix A* to benchmark performance of the LGU in each phase in the CRM process indicating the CRM level for each category on the report template. Coastal municipalities and cities in the Philippines should first and foremost strive to achieve the benchmarks for Level 1 or beginning CRM. The municipality should state whether it has satisfied the criteria for a given CRM Level or if not, what areas of improvement are needed before that level can be achieved.

The Annual CRM M&E Report should be adopted by SB/SP resolution, officially filed in the appropriate office in the LGU, and the results communicated and distributed to stakeholders. The results of M&E may be submitted for CRM certification as described in the following sections.

DOCUMENTATION NEEDED FOR ANNUAL CRM M&E

- Annual M&E Report (see template in Appendix B)
- Updated Municipal Coastal Database with appropriate tables, graphs, and lists printed
- CRM plan and other supporting information and documents such as legislation passed or assessments conducted during the report year



Maintain Municipal/City official CRM files including CRM plan, ordinances, assessments, and M&E reports



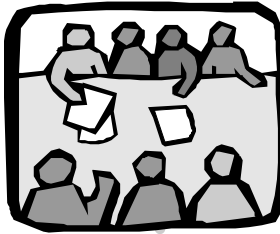
Suggested Steps in Conducting Annual CRM Monitoring and Evaluation of Municipal/City CRM Plans and Programs



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- Step 1: **Establish/mobilize municipal/city M&E Technical Working Group (TWG):** A small TWG should be convened to oversee and conduct the M&E. The TWG should preferably be composed of members involved in drafting the municipal/city CRM plan
 - Step 2: **Develop M&E Plan:** The M&E Plan should identify specific responsibilities of each member of the TWG and identify LGU staff and community-based monitoring teams who are needed to assist in the conduct M&E and a schedule.
 - Step 3: **Compile and review all information and data:** existing data, research or other studies conducted in the LGU during the calendar year should be compiled and reviewed. The MCD should be updated with information and data for the report year and gaps identified. The TWG should begin by reviewing the CRM Plan and MCD. Other plans, such as the CLUP, CMDP, and other documents relevant to CRM should be reviewed for consistency with the CRM Plan and for providing supporting data. Any biophysical and socioeconomic monitoring data collected during the report year should be reviewed and summarized
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- Step 4: **Conduct M&E workshop:** A M&E workshop should be conducted with municipal/city office heads, M/CFARMC, Bantay Dagat, community members, and assisting organizations to begin M&E activities. During this workshop, existing information and data can be compiled and gaps that must be addressed by further M&E activities identified.
 - Step 5: **Conduct M&E activities:** M&E activities identified in the M&E plan should be carried out. An ocular inspection of the municipal waters and coastal zone should be conducted to assess CRM plan implementation as well as environment impacts of development activities. Interviews and surveys should be conducted to assess level of community support, socioeconomic impacts, and identify issues that have arisen since the CRM plan was implemented. Field assessments should be conducted to assess the socio-environmental impacts of CRM plans and programs.
 - Step 6: **Prepare, validate, and adopt Annual Municipal/City M&E Report:** All data and information should be compiled into maps, tables and graphs that provide a picture of the current status of implementation of municipal/city CRM plan and programs. Supporting documents should be packaged for easy reference. The MCD should be updated with any new information and data generated during the M&E activities. A draft M&E Report (see Appendix B template) should be prepared with the updated MCD and other relevant studies or analyses attached. The M&E Report should specify the level of CRM achieved based on self-evaluation. The results of annual M&E should be reviewed at the municipal level through a multisectoral forum to further validate conclusions and recommendations. The M&E Report, updated MCD, and supporting documents is submitted for adoption by Sangguiang Bayan resolution and kept as official files of the municipality or city.
 - Step 7: **Conduct strategic planning based on M&E Report:** A strategic planning workshop should be conducted based on M&E results to align municipal/city programs and budgets for the next year including the programs and projects. A multisectoral forum will also provide an opportunity for NGOs, national government agencies, and donor-assisted projects with activities in the municipality to align their activities and funds in support of the municipality or city identified needs and gaps.
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III. Role of CRM Certification in Benchmarking LGU Performance



The concept of certifying municipal/city CRM plans and programs to benchmark LGU performance is new. A CRM Certification System has been developed and tested by the Department of Environment and Natural Resources' (DENR) through its Coastal Resource Management Project (CRMP) in response to the interest and commitment expressed by over 700 coastal mayors to plan, implement, and monitor CRM plans and programs articulated in *League of Municipalities of the Philippines Resolution No. 01, Series of 1999, A resolution calling for the enactment/implementation of measures empowering the local government units for integrated coastal management.*

Patterned after international standards for organizational and environmental management systems (ISO 9000 and ISO 14000), certification is a voluntary process in which an independent third party provides a written certificate showing that a product, method or service satisfies certain predetermined requirements or criteria. Certification has been used largely by various industries (e.g. manufacturing, processing, tourism) to improve efficiency in operations and to achieve voluntary compliance with environmental laws through the establishment of environmental management systems. Firms that have been "ISO-certified" enjoy competitive advantages and improved public image over non-certified firms.

International certification standards and procedures for establishing environmental management systems have been adopted in the Philippines under *Philippine National Standard 1701 (PNS 1701), Environmental management systems – Specification with guidance for use.*

CRM Certification provides a framework for benchmarking LGU performance in the delivery of CRM as a basic service as well as a roadmap for planning future directions and initiatives. Certification criteria have been developed as benchmarks of performance based on the LGU's CRM mandate and internationally recognized best practices in CRM (Appendix A). These criteria are used to benchmark LGU performance at three levels of certification, Beginning, Intermediate, and Advanced. The results of annual M&E of municipal/city CRM plans and programs may be submitted for evaluation and validation against criteria established for each level and "certified" by an "independent" multisectoral committee. CRM Certification is voluntary and initiated by the municipality or city by submitting Annual M&E Reports, the CRM plan, and other supporting documents needed to evaluate the status of implementation. CRM Certification must be maintained annually through M&E with the goal of achieving higher levels of certification over time.



As with international certification protocols, there may be a variety of benefits that may accrue to municipalities and cities with certified CRM plans and programs. CRM Certification can serve as a roadmap for the sustainable development programs of LGUs. CRM Certification provides a systematic monitoring system for the Medium Term Program Development Plan goals and objectives for coastal and marine resources, which targets *250 LGUs along 6,000 km of shoreline adopting integrated coastal management for the improved management of municipal waters by the year 2004*. Finally, CRM Certification provides a framework for prioritizing investments of local and national government as well as foreign funding institutions to CRM-certified municipalities and cities.

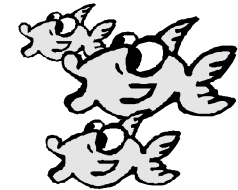
CRM Certification in the Philippines was initiated in Region 7 with the anticipation that it would spread to other regions. In September 2000, the Regional Development Council in Region 7 approved a resolution to pilot CRM Certification. A Regional CRM Certification (RCRMC) Committee was established with a core group composed of DENR (chair), DILG, BFAR, NEDA. The RCRMC Committee should also include representatives from private sector, academe and NGOs. The RCRMC Committee works directly with a Provincial CRMC Technical Working Group (PCRMC TWG) in the evaluation and validation of Annual M&E Reports.

Institutional Arrangements and Responsibilities for CRM Certification

The emerging organizational structure for the CRM Certification System is a roll-up process that can be elevated from municipal to provincial and regional levels. The municipality or city submits a completed Annual M&E Report, CRM plan, updated MCD, and other supporting documents to a PCRMC TWG by the end of the calendar year.

BENEFITS OF COASTAL RESOURCE MANAGEMENT CERTIFICATION

- Serves as a catalyst and tool for planning and monitoring LGU investments in CRM to restore and sustain benefits derived from coastal resources
- Provides a vehicle for social mobilization in support of LGU initiatives in CRM
- Serves as a basis for provincial LGU incentive or funding support program for municipal CRM
- Provides public recognition of exemplary performance of LGUs
- Provides a framework for national government and foreign funding institutions to prioritize “certified” LGUs for financial and technical assistance
- Provides systematic monitoring system for Medium Term Development Plan goals and objectives for coastal and marine resources
- Establishes an institutional memory for CRM beyond political term limits
- Forges a stronger partnership between national government agencies and LGUs
- Strengthens local coastal law enforcement
- Uses information to boost compliance
- Encourages self-assessment and continuous quality improvement



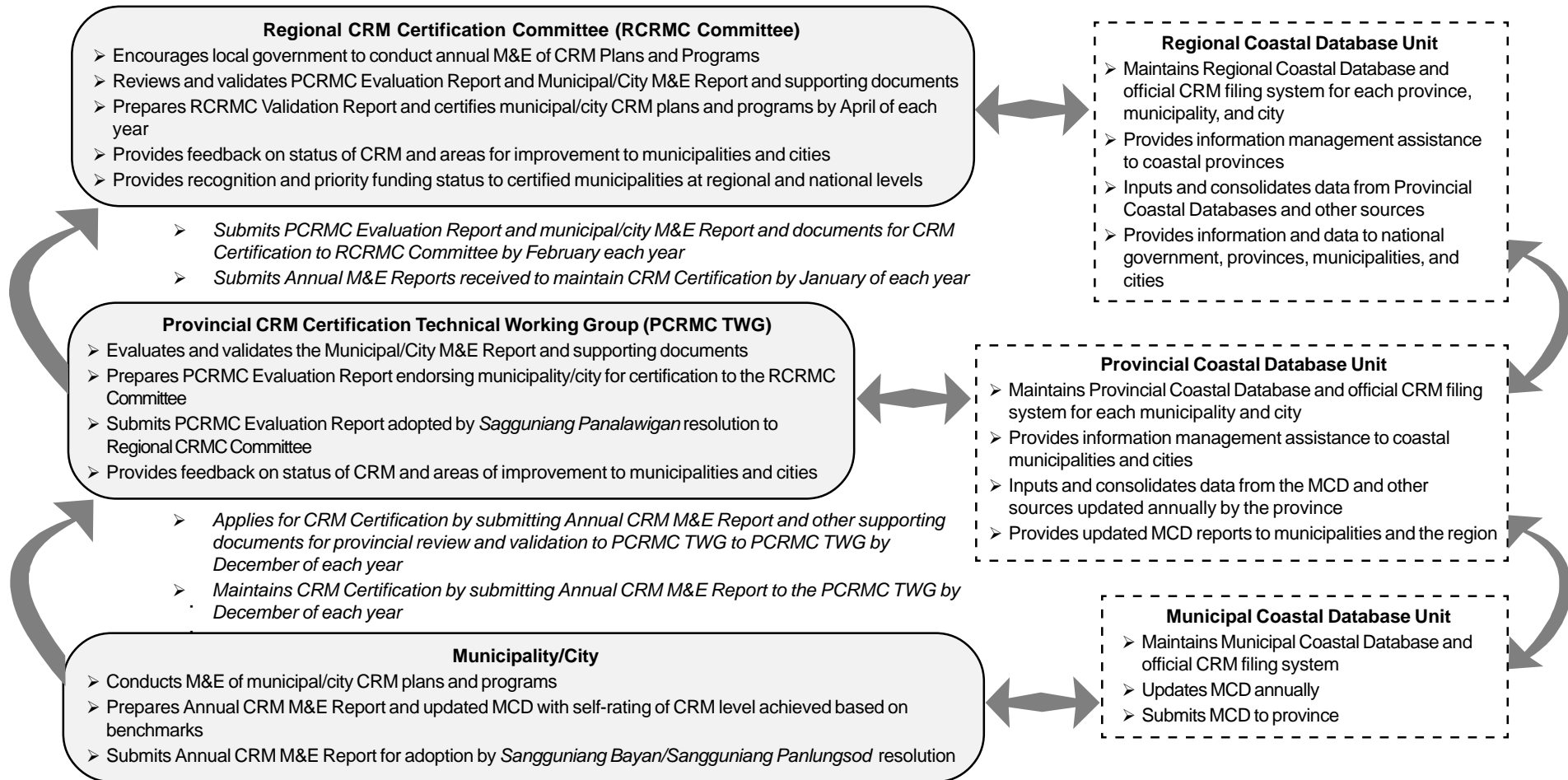
The PCRMC TWG, chaired by the province and composed of a multisectoral body including representatives from DENR, DILG, BFAR, NGOs, and academe, would be responsible for evaluation and field validation of a municipality’s annual M&E of CRM plans and programs. The PCRMC TWG submits an Provincial CRM Certification Evaluation Report (Appendix C) endorsing the municipality or city for certification to the RCRMC Committee by February of each year.

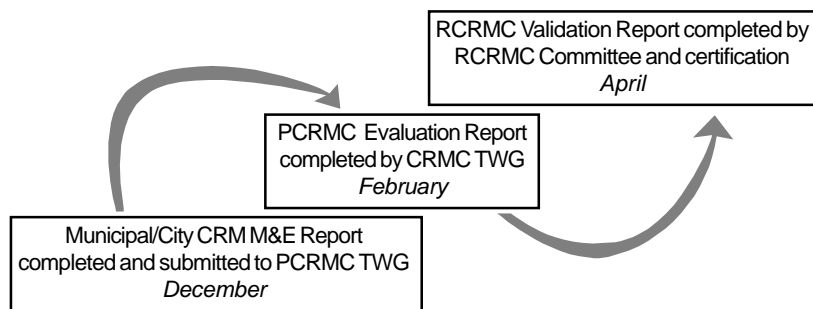


The RCRMC Committee reviews, validates and issues certification by April of each year. The RCRMC Committee is responsible for providing recognition and for promoting incentive programs established at provincial, regional, and national levels for municipalities and cities that have been certified.

- Municipalities and cities need only to maintain their certification level by submitting Annual M&E Reports to the PCRMC TWG and RCRMC Committee by the end of each calendar year. When the municipality or city believes it is ready to be evaluated for the next level of certification, it can submit a complete package to the PCRMC TWG for evaluation and endorsement to the RCRMC Committee.

Institutional Arrangements and Responsibilities for CRM Certification





Guidelines for Provincial CRM Certification Technical Working Groups

The provincial government plays a key role in CRM in the province through the provision of technical and financial assistance, training, information management, and local policy harmonization. Working together with other provincial partners, the PCRMC TWG provides a mechanism to assist coastal municipalities and cities in the evaluation of their CRM plans and programs.

The PCRMC TWG evaluates and validates CRM plans and programs submitted by municipalities and cities interested in becoming certified. The appropriate office of the provincial government chairs the PCRMC TWG. The composition of the TWG is determined by the provincial government and may vary from province to province. Possible members of the TWG may include provincial representatives from national government agencies (DENR, BFAR, DILG), NGOs, academe, and private sector. The PCRMC TWG may not; however, include municipal or city government officials or staff. A Memorandum of Agreement between members of the PCRMC TWG should be developed and signed to ensure commitment and continuity of the group.



PCRMC TWG maintains official CRM files for each municipality and city

Municipalities and cities interested in becoming CRM-certified must submit an Annual M&E Report, CRM Plan, and supporting documents to the PCRMC TWG by December 15 of each year. The PCRMC TWG will convene to evaluate and validate municipal and city CRM plans and programs. The PCRMC TWG will conduct site visits as necessary to validate information and data provided by the municipality or city. The evaluation and validation process should be completed with the PCRMC Evaluation Report, endorsed by Sangguniang Panlalawigan (province) (SP) resolution, submitted to the RCRMC Committee by the last day of February of each year.

The PCRMC TWG must maintain an official filing system for all documents submitted by the municipality or city applying for certification.

SUGGESTED STEPS IN THE PCRMC TWG EVALUATION AND VALIDATION OF MUNICIPAL/CITY CRM PLANS AND PROGRAMS

- Step 1: Establish/convene PCRMC TWG for the review of all municipal/city submissions for CRM certification. Determine if all documentation has been submitted. Send notice of document deficiencies to the municipal or city. Establish CRM Certification filing system by municipality and city as official files for the PCRMC TWG.
- Step 2: Conduct PCRMC TWG workshop to evaluate municipal/city submissions for CRM certification. Identify if further information or explanation is required to complete the evaluation. Send notice of further information or documentation required to the municipal or city.
- Step 3: Conduct site visits to respective municipalities or cities as required to validate the results of Annual M&E
- Step 4: Prepare PCRMC Evaluation Report for each municipality/city. Conduct consultations or hold a provincial workshop with municipalities and cities to feedback results of evaluation and identify areas of accomplishment and needed improvement
- Step 5: Submit the PCRMC Evaluation Report and 1 copy of the CRM plan and supporting documents to each municipality and city to the RCRMC Committee by March 31 of each year.



Guidelines for the RCRMC Committee

The RCRMC Committee is chaired by the DENR Regional Executive Director and composed of the Regional Directors of DILG, BFAR, NEDA, and representatives from NGOs and academic institutions. Other national government agencies may be invited to sit on the RCRMC Committee depending the thrusts and capacity of the region and agency.

The RCRMC Committee is responsible for reviewing and validating the PCRMC Evaluation Report in conjunction with the original documents submitted by the municipality or city. After receipt of the PCRMC Evaluation Reports for all municipalities and cities in the region, the RCRMC Committee will convene its members and review the submissions. Notices of deficiencies will be issued to the PCRMC TWG in the case of missing documentation. The RCRMC Committee will conduct site visits, as necessary, to validate the PCRMC Evaluation Report.

The review and validation process should be completed by the RCRMC Committee by the last day of April of each year. The RCRMC Committee must maintain an official filing system for all documents submitted by the province for municipalities and cities applying for certification.



The RCRMC Committee will notify the municipalities and cities certified for the previous calendar with copy furnished to the PCRMC TWG. The RCRMC Committee will submit the list of CRM-certified municipalities to national government, donor, and other institutions with programmatic or funding windows to promote the CRM-certified municipalities and cities for priority funding status.

SUGGESTED STEPS IN THE RCRMC COMMITTEE REVIEW AND VALIDATION OF THE PCRMC EVALUATION REPORT

- Step 1: Establish/convene RCRMC Committee for the review of the PCRMC Evaluation Reports for all municipal/city submissions for CRM certification. Determine if all documentation has been submitted. Send notice of document deficiencies to the PCRMC TWG. Establish CRM Certification filing system by municipality and city as official files for the RCRMC Committee.
- Step 2: Conduct RCRMC Committee workshop to review PCRMC Evaluation Reports for all municipal/city submissions for CRM certification. Identify if further information or explanation is required to complete the evaluation. Send notice of further information or documentation required to the PCRMC TWG.
- Step 3: Conduct site visit to respective municipality or city as required to validate the results of Annual M&E.
- Step 4: Prepare RCRMC Certification Report for each municipality/city.
- Step 5: Submit the RCRMC Certification Report to each municipality and city with copy furnished to the PCRMC TWG by the last day of April of each year.
- Step 6: Publish an annual list of CRM-certified municipalities in the newspaper and promote CRM-certified municipalities and cities for priority funding status among national government, donor, and other agencies.


**RCRMC TWG
maintains official
CRM files for each
municipality and city**


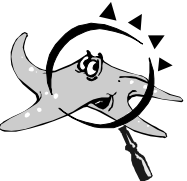



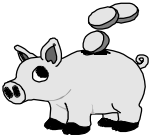





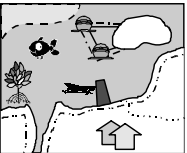

APPENDIX A

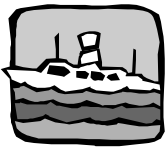
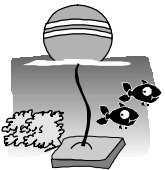

**Municipal/city benchmarks for beginning (Level 1), intermediate (Level 2),
and advanced (Level 3) levels of coastal resource management**



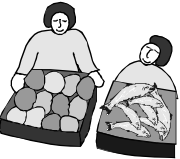
BENCHMARK CATEGORY	MUNICIPAL/CITY BENCHMARKS FOR CRM
 <p data-bbox="184 565 407 690">Overall requirements for CRM certification by level</p>	<p data-bbox="453 363 1898 428">Level 1: Acceptance of CRM as a basic service of municipal/city government with planning and field interventions initiated (1 to 3 years)</p> <ul style="list-style-type: none"> <li data-bbox="573 440 953 467">✓ Multi-year CRM plan drafted <li data-bbox="573 477 999 505">✓ Baseline assessment conducted <li data-bbox="573 514 1155 542">✓ CRM-related organizations formed and active <li data-bbox="573 552 1010 579">✓ Annual budget allocated for CRM <li data-bbox="573 589 1388 617">✓ Shoreline/foreshore management measures planned and initiated <li data-bbox="573 626 1220 654">➤ At least 2 CRM best practices planned and initiated <p data-bbox="436 680 1803 708">Level 2: Implementation of CRM plans underway with effective integration to local governance (2 to 5 years)</p> <ul style="list-style-type: none"> <li data-bbox="573 717 1121 745">✓ Multi-year CRM plan finalized and adopted <li data-bbox="573 755 1465 782">✓ Monitoring plan developed for assessing socio-environmental conditions <li data-bbox="573 792 1171 820">✓ CRM-related organizations active and effective <li data-bbox="573 829 1461 857">✓ Financial and human resources assigned permanently to CRM activities <li data-bbox="573 867 1520 894">✓ Shoreline/foreshore management plan adopted with implementing guidelines <li data-bbox="573 904 1409 932">➤ At least 4 CRM best practices implemented with measured success <p data-bbox="436 958 1955 1023">Level 3: Sustained long term implementation of CRM with monitoring, measured results and positive returns (5 years or more)</p> <ul style="list-style-type: none"> <li data-bbox="573 1032 1457 1060">✓ Multi-year CRM plan implemented, reviewed, and revised as necessary <li data-bbox="573 1070 1524 1097">✓ Socio-environmental conditions assessed in accordance with monitoring plan <li data-bbox="573 1107 1829 1172">✓ CRM-related organizations effective and supported financially through municipal/city budget or revenue generating mechanisms <li data-bbox="573 1182 1377 1209">✓ Annual programming and budget sufficient to implement the plan <li data-bbox="573 1219 1759 1247">✓ Shoreline/foreshore management effective with regular monitoring and enforcement of guidelines <li data-bbox="573 1256 1633 1284">➤ At least 6 CRM best practices implemented with measured results and positive returns <li data-bbox="573 1294 1356 1321">➤ Illegal activities and destructive practices minimized or stopped <li data-bbox="573 1331 1041 1359">➤ Biophysical improvement measured <li data-bbox="573 1369 1220 1396">➤ Socioeconomic benefits accrue to coastal residents <li data-bbox="573 1406 1356 1433">➤ Positive perceptions of CRM interventions among stakeholders



BENCHMARK CATEGORY	MUNICIPAL/CITY BENCHMARKS FOR CRM
Basic Requirements	
 <p data-bbox="195 516 394 581">Multi-year CRM plan</p>	<p data-bbox="436 345 1957 500">Level 1: Multi-year CRM plan drafted. Draft multi-year CRM plan prepared through <i>barangay</i> consultations and participatory planning with the following sections: description of the area, maps, management goals and objectives, strategies and actions, institutional and legal framework, timeline and funding requirements, and monitoring and evaluation plan. A coastal environmental profile has been completed consolidating information and data from the baseline assessment and secondary information and incorporated into the draft CRM plan.</p> <p data-bbox="436 521 1957 610">Level 2: Multi-year CRM plan finalized and adopted. Multi-year CRM plan finalized and adopted after public hearings and with supporting municipal /city resolution/ordinance; plan implementation for at least 2 years with annual budget allocated; annual monitoring and evaluation of CRM plan and programs conducted.</p> <p data-bbox="436 631 1957 756">Level 3: Multi-year CRM plan implemented, reviewed, and revised as necessary. Strategies and actions articulated in multi-year CRM plan fully implemented and supported by LGU, NGAs, NGOs, and other collaborators for 5 years or more with participatory monitoring and evaluation of CRM plan and programs conducted annually. Land use and coastal area zoning plans reconciled and consistent.</p>
 <p data-bbox="184 976 405 1032">Coastal resource assessment</p>	<p data-bbox="436 792 1957 946">Level 1: Baseline assessment conducted. Baseline assessment completed using participatory coastal resource assessment or scientific surveys with maps showing coastal resources, habitats, uses, issues and municipal water boundaries; graph and tables documenting the condition of fisheries, coral reefs, mangrove areas, seagrass beds and other coastal resources; and information on the general, social, and economic conditions of the municipality/city to include secondary data from NGAs, NGOs, and academe.</p> <p data-bbox="436 967 1957 1122">Level 2: Monitoring plan developed for assessing socio-environmental conditions. Monitoring plan for assessing biophysical and socioeconomic conditions developed to assess changes resulting from CRM plan implementation. Linkages with national government agencies, NGOs, and academic institutions involved in monitoring developed to assess conditions and use data for decision making. Key indicators identified and highlighted in the monitoring plan. Municipal Coastal Database established and operational</p> <p data-bbox="436 1143 1957 1235">Level 3: Socio-environmental conditions assessed in accordance with monitoring plan. Biophysical and socioeconomic assessments conducted on a regular basis for 3 years. Data analysis conducted and compared to baseline conditions. Data regularly updated and stored in Municipal Coastal Database.</p>
 <p data-bbox="205 1398 384 1455">CRM-related organizations</p>	<p data-bbox="436 1271 1957 1360">Level 1: CRM-related organizations (M/CFARMC and at least 1 other CRM-related organization, e.g. TWG, <i>bantay dagat</i>, people's organization) formed and active. MFARMC and other CRM-related organizations have been formed and active as evidenced by regular meetings (at least quarterly), trainings conducted and activities accomplished.</p> <p data-bbox="436 1382 1957 1438">Level 2: CRM-related organizations (M/CFARMC and at least 2 other CRM-related organization) active and effective. MFARMC and other CRM-related organizations contributing to local policy formulation, CRM plan review and implementation.</p>

BENCHMARK CATEGORY	MUNICIPAL/CITY BENCHMARKS FOR CRM
	<p>Level 3: CRM-related organizations (M/CFARMC and at least 2 other CRM-related organization) effective and supported financially through municipal/city budget or revenue generating mechanisms. Sustained active and effective M/CFARMC and other CRM-related organizations with continuous and adequate budget from the municipality/city and other revenue generating mechanisms.</p>
 <p>Annual CRM programming and budgeting</p>	<p>Level 1: Annual budget allocated for CRM. Annual municipal/city budget allocated for CRM and other sources of funding have been leveraged or secured in support of the CRM plan; Municipal Coastal Database established</p> <p>Level 2: Financial and human resources assigned permanently to CRM activities. Annual municipal/city budget allocated for all CRM activities including plan implementation, monitoring and evaluation, and coastal law enforcement. Regular and qualified CRM staff assigned to municipality/city with operating budget. Municipal Coastal Database updated annually. Other sources of funding leveraged for CRM activities. CRM unit established under MAO or CRM office with staff and budget</p> <p>Level 3: Annual programming and budget sufficient to implement the plan. CRM plan implementation fully funded through municipal/city budget and other sources, plantilla positions established for CRM.</p>
 <p>Shoreline /foreshore management</p>	<p>Level 1: Shoreline/foreshore management measures planned and initiated. Existing shoreline and coastal land use reviewed and assessed; shoreline management measures planned to establish setback requirements or other shoreline/foreshore management measures to minimize negative impacts of development in shoreline and foreshore areas; shoreline management measures incorporated into CRM plan.</p> <p>Level 2: Shoreline/foreshore management plan adopted with implementing guidelines. Shoreline/foreshore management plan adopted with implementing guidelines established through local ordinance and integrated into local business and building permits. Regulation, monitoring, and enforcement of shoreline/foreshore use implemented with reports and actions on illegal uses.</p> <p>Level 3: Shoreline/foreshore management effective with regular monitoring and enforcement of guidelines. Regulation, monitoring, and enforcement of shoreline/foreshore use implemented in accordance with guidelines, shoreline/foreshore use integrated in land use plans. Illegal construction in shoreline setbacks and foreshore areas stopped.</p>
CRM Best Practices	
 <p>Local legislation</p>	<p>Level 1: Local legislation existing, drafted or proposed. Local legislation has been reviewed and revised to be consistent with national policies and laws. Local ordinances proposed or drafted in support of multi-year CRM plan and specific regulatory and management measures. Public hearings and community consultations conducted.</p> <p>Level 2: Local legislation enacted and implemented supportive of CRM plan. CRM-related local legislation enacted supporting CRM plan and regulatory and management measures. Social marketing of local legislation on regulatory measures conducted.</p>

BENCHMARK CATEGORY	MUNICIPAL/CITY BENCHMARKS FOR CRM
	<p>Level 3: Local legislation monitored, reviewed, and amended, if necessary. Widespread understanding of local legislation and regulatory measures with implementation. Monitoring and evaluation of effectiveness of local legislation conducted with review and amendments as necessary</p>
 <p>Municipal water delineation</p>	<p>Level 1: Municipal water boundary delineation planned and initiated. Process described in DAO 2001-17 initiated with inter-LGU discussions and workshops held to identify potential boundary issues. Preliminary maps drawn with all affected LGUs present.</p> <p>Level 2: Municipal water boundaries delineated. Municipal waters are officially delineated according to procedures set forth in DAO 2001-17, certified by NAMRIA with coordinates and boundaries shown on municipal/city maps. Local ordinance enacted to establish municipal water boundaries.</p> <p>Level 3: Municipal water boundaries enforced. Monitoring, control and surveillance of activities conducted to stop illegal activities and destructive practices in municipal waters.</p>
 <p>Coastal zoning</p>	<p>Level 1: Coastal area use zones planned: One or more coastal area or municipal water use zones (excluding MPAs) described, planned and identified on maps. Land use issues potentially affecting municipal water use zones identified; shoreline management plans reviewed with planned municipal water use zones</p> <p>Level 2: Coastal area use zones established and enforced. Coastal area and municipal water use zones (excluding MPAs) with associated regulatory and revenue-generating mechanisms established through local ordinance. Shoreline management guidelines and land use plans reviewed and evaluated with municipal water use plans</p> <p>Level 3: Monitoring and evaluation of municipal water use zones, and modification, if necessary. Effectiveness of municipal water use zones (excluding MPAs) monitored and evaluated. Land use and sea use plans reconciled and consistent.</p>
 <p>Fisheries management</p>	<p>Level 1: Fisheries management measures planned. Regulatory mechanisms are planned and to limit access and pressure to fishery resources such as licensing, limitations on number of fishers, closed seasons, gear restrictions, limitations on size of fish caught, color coding of boats, and other catch restrictions.</p> <p>Level 2: Fisheries management measures implemented: All municipal fishers registered and licensed; local legislation enacted and enforced for fisheries management measures; monitoring plan for municipal fisheries developed and initiated.</p> <p>Level 3: Fisheries management measures monitored: Regular monitoring of fish catch and annual registration and licensing conducted and sustained.</p>

BENCHMARK CATEGORY	MUNICIPAL/CITY BENCHMARKS FOR CRM
 <p data-bbox="212 451 375 516">Coastal law enforcement</p>	<p data-bbox="436 277 1948 342">Level 1: Coastal law enforcement units formed and trained. Coastal law enforcement units formed and trained composed of PNP with assistance from <i>Bantay Dagat</i> and deputized Fish Wardens.</p> <p data-bbox="436 358 1948 456">Level 2: Coastal law enforcement units operational. Operations plan developed and budget allocated for efficient conduct of coastal law enforcement operations; coastal law enforcement units equipped and conducting land-based and sea-based operations. Apprehensions, cases filed, and convictions related to violations of coastal laws recorded</p> <p data-bbox="436 472 1948 561">Level 3: Coastal law enforcement units effective. Illegal activities in coastal areas and municipal waters minimized or stopped through regular conduct of coastal law enforcement operations. Regular training of coastal law enforcement units and monitoring of coastal law enforcing activities</p>
 <p data-bbox="184 776 399 833">Marine protected areas</p>	<p data-bbox="436 597 1917 727">Level 1: Marine protected areas planned or existing. Participatory processes involving coastal stakeholders in assessment and planning for marine protected areas initiated for the establishment of at least one marine protected area (e.g. coral reefs, seagrass beds, other important coastal habitat; social acceptance for site selection sought; site selection with baseline assessment completed; management measures initiated or management plan drafted</p> <p data-bbox="436 743 1948 865">Level 2: Marine protected area established and enforced. Marine protected area site accepted by community; management body and plan finalized, adopted, and accepted by community; ordinance enacted creating marine protected area; marker buoys and signs installed; biophysical and socioeconomic monitoring plan developed and conducted with assistance from collaborators, management activities sustained.</p> <p data-bbox="436 881 1902 979">Level 3: Marine protected areas managed, monitored, and evaluated. Monitoring, control, and surveillance conducted; marker buoys maintained; management body active; marine protected area boundaries respected; biophysical and socioeconomic monitoring conducted; revenue generating mechanisms established and providing benefits to the community.</p>
 <p data-bbox="212 1190 375 1247">Mangrove management</p>	<p data-bbox="436 1011 1885 1109">Level 1: Mangrove management measures planned or existing. Baseline assessment and inventory of mangrove areas conducted; community-based forest management agreements, mangrove planting, protection or other management and rehabilitation measures are planned or existing.</p> <p data-bbox="436 1125 1829 1190">Level 2: Mangrove management measures established and enforced. Community-based mangrove management agreements awarded; mangrovetums, or other management and rehabilitation measures established and enforced</p> <p data-bbox="436 1206 1875 1304">Level 3: Mangrove management measures monitored and evaluated. Monitoring of mangrove management measures conducted; economic benefits derived from mangrove management options; change in vegetation cover and ecological/environmental impact monitored.</p>

BENCHMARK CATEGORY	MUNICIPAL/CITY BENCHMARKS FOR CRM
 <p data-bbox="212 423 373 483">Solid waste management</p>	<p data-bbox="436 280 1934 375">Level 1: Solid waste management system planned and initiated. Solid Waste Management Act reviewed, public orientation sessions conducted; solid waste management board established, IEC conducted; waste segregation, minimization, collection, and disposal systems planned and initiated.</p> <p data-bbox="436 394 1955 483">Level 2: Solid waste management system operational. Solid waste management board active; waste segregation, minimization, collection, and disposal systems operational. Waste disposal sites designated to minimize impact to coastal areas. Inappropriate waste disposal sites in coastal areas identified with plans for mitigation and new site selection;</p> <p data-bbox="436 503 1856 565">Level 3: Solid waste management system effective and monitored. Waste segregation, minimization, collection, and disposal systems effective and monitored with measured reduction in waste generated and disposed.</p>
 <p data-bbox="212 776 373 865">Upland/Watershed management</p>	<p data-bbox="436 600 1919 722">Level 1: Upland/watershed management program planned and initiated. Upland/watershed management issues affecting the coastal zone identified including upland sources of siltation and other pollution carried by streams and rivers from deforestation and domestic, industrial and agricultural pollution; baseline conditions established; watershed management plan drafted with multisectoral consultations and public hearing</p> <p data-bbox="436 742 1955 863">Level 2: Upland/watershed management program adopted and implemented. Upland/watershed management plan adopted after public hearings through municipal resolution; reforestation projects implemented; pollution minimization and prevention programs adopted by industries; pesticide reduction program adopted by farmers; solid waste management system operational in all <i>barangays</i>. Water quality monitoring program implemented in major river systems.</p> <p data-bbox="436 883 1927 945">Level 3: Upland/watershed management program effective and monitored. Measurable improvements in forest cover and water quality of major river systems.</p>
 <p data-bbox="212 1161 373 1315">Coastal environment-friendly enterprise development</p>	<p data-bbox="436 984 1927 1105">Level 1: Coastal environment-friendly enterprises planned and initiated. Livelihood and enterprise development projects promote conservation and sustainable use of coastal resources (does not include projects that promote the use of <i>payaws</i>, fish corrals, artificial reefs, improved fishing technologies, fishing gear distribution, or polluting activities); fisherfolk/coastal communities targeted for employment in non-fishing livelihoods or low impact mariculture.</p> <p data-bbox="436 1125 1955 1247">Level 2: Coastal environment-friendly enterprises successful and expanding. Livelihood and enterprise development programs employing fisherfolk/coastal communities in non-fishing livelihoods or low impact mariculture that promote conservation and sustainable use of coastal resources (does not include projects that promote the use of <i>payaws</i>, fish corrals, artificial reefs, improved fishing technologies, fishing gear distribution, or polluting activities).</p> <p data-bbox="436 1266 1934 1356">Level 3: Coastal environment-friendly enterprises providing measurable socioeconomic and biophysical benefits. Livelihood and enterprise development programs result in measurable socioeconomic benefits to fisherfolk/coastal communities and biophysical improvements in coastal resource condition.</p>

BENCHMARK CATEGORY	MUNICIPAL/CITY BENCHMARKS FOR CRM
 <p data-bbox="226 423 359 483">Revenue generation</p>	<p data-bbox="436 277 1948 375">Level 1: Revenue generating mechanisms planned and initiated. <i>Barangay</i> consultations and public hearings conducted to identify fee structure and other revenue generating mechanisms for various coastal resource uses based on CRM plan and municipal water use zoning. Revenue allocation to CRM and community projects identified.</p> <p data-bbox="436 391 1906 456">Level 2: Revenue generating mechanisms finalized and adopted. Fee structure finalized and adopted through municipal ordinance. Revenue collection system established.</p> <p data-bbox="436 472 1913 532">Level 3: Revenue generating mechanisms funding CRM plans and programs. Fee structure implemented with revenues supporting CRM and community projects</p>
 <p data-bbox="184 740 405 829">Multi-institutional collaboration for CRM</p>	<p data-bbox="436 565 1940 724">Level 1: Multi-institutional collaboration planned and initiated. Potential collaborators from LGUs, NGAs, NGOs, academe, private sectors, and funding institutions identified. MOAs drafted defining institutional roles and responsibilities and modes of collaboration and resource sharing to provide technical and financial assistance, training, monitoring and evaluation, livelihood, skills development, information, education, and communication support and other forms of assistance as well as inter-LGU collaboration in coastal law enforcement or other CRM-related activities.</p> <p data-bbox="436 740 1871 805">Level 2: Multi-institutional arrangements for collaboration formalized and strengthened. MOAs or other instruments approved by municipal resolution and signed with collaborators; collaborative activities implemented.</p> <p data-bbox="436 821 1940 881">Level 3: Multi-institutional collaboration effective. CRM-related activities jointly implemented with measured success. Resource sharing mechanisms effective. Terms and conditions specified in MOAs or other instruments reviewed and assessed.</p>

APPENDIX B

Template for Municipal/City CRM Monitoring and Evaluation Report

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT

Report Year:

Municipality/City:

Province:

Region:

M&E Review and Approval Cover Sheet

M&E TWG Members:

M&E Participants (Organizations/individuals):

M&E Report Prepared By: (M/CPDC, M/CAO, or M&E TWG chair)

Date Prepared:

M&E Report Adopted By Municipal/City Resolution: (Resolution No. and Title)

M&E Report Approved by Municipal/City Mayor: (Printed name and signature of Mayor)

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Multi-year CRM Plan
(check one)

Level 0: Criterion not satisfied:

Level 1: Multi-year CRM plan drafted: _____

Level 2: Multi-year CRM plan finalized and adopted: _____

Level 3: Multi-year CRM plan implemented, reviewed, and revised as necessary:

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Provide a brief history of CRM initiatives of the municipality/city:
Describe the activities undertaken to draft the CRM plan including establishment of TWG, community planning workshops, public hearings and other activities:
Describe the current status of CRM plan adoption and implementation:
Describe the plan for biophysical and socioeconomic monitoring:

¹ Report prepared by the municipal/city CRM monitoring and Evaluation Technical Working Group.

² Benchmarks and CRM Levels are described in Appendix A.

³ Justification should be provided for each benchmark rated and level.

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Coastal Resource Assessment

(check one)

Level 0: Criterion not satisfied:

Level 1: Baseline assessment conducted: _____

Level 2: Monitoring plan developed: _____

Level 3: Socio-environmental conditions assessed:

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe activities undertaken to conduct coastal resource assessment including training, mapping of coastal resources, habitats, uses, issues, and municipal waters:
 Summarize condition of coastal resources:
 Summarize issues identified and priorities:
 Describe activities undertaken to complete the environmental profile including background information consolidated and analyzed, maps available, other municipal/city plans (e.g. CLUP, M/CMDP) reviewed:
 Describe the current status of the information management system established to manage data for coastal resource management activities of the municipality/city:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



CRM-related Organizations

(check one)

Level 0: Criterion not satisfied:

Level 1: CRM-related organizations formed and active: _____

Level 2: CRM-related organizations active and effective: _____

Level 3: CRM-related organizations effective and supported financially through municipal/city budget or revenue generating mechanisms: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe activities and accomplishments of the M/CFARMC and other CRM-related organizations:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Annual CRM Programming and Budgeting

(check one)

Level 0: Criterion not satisfied:

Level 1: Annual budget allocated for CRM: _____

Level 2: Financial and human resources assigned permanently to CRM activities: _____

Level 3: Annual programming and budget sufficient to implement the plan: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Detail budget allocations and staffing levels for CRM in the municipality and city from the Internal Revenue Allotment, General Fund and 20% Development Fund.

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Shoreline /Foreshore Management

(check one)

Level 0: Criterion not satisfied:

Level 1: Shoreline/foreshore management measures planned and initiated: _____

Level 2: Shoreline/foreshore management plan adopted with implementing guidelines: _____

Level 3: Shoreline/foreshore management effective with regular monitoring and enforcement of guidelines: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe shoreline/foreshore management initiatives, plans, and policies

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Local Legislation

(check one)

Level 0: Criterion not satisfied:

Level 1: Local legislation existing, drafted or proposed: _____

Level 2: Local legislation enacted and implemented supportive of CRM plan: _____

Level 3: Local legislation monitored, reviewed, and amended, if necessary: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe key applicable municipal/city ordinances drafted or passed, e.g. for adoption of CRM plan, unified fisheries ordinance, establishment of marine protected areas:
Describe status of implementation CRM-related ordinances:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Municipal Water Delineation

(check one)

Level 0: Criterion not satisfied:

Level 1: Municipal water boundary delineation planned and initiated: _____

Level 2: Municipal water boundaries delineated: _____

Level 3: Municipal water boundaries enforced: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe efforts to delineate and enforce municipal waters

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

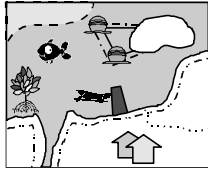
Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Coastal zoning

(check one)

Level 0: Criterion not satisfied:

Level 1: Coastal area use zones
planned: _____

Level 2: Coastal area use
zones: _____

Level 3: Monitoring and
evaluation of municipal water
use zones, and modification, if
necessary: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe status of coastal zoning efforts planned or initiated by the municipality/city.

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Fisheries Management

(check one)

Level 0: Criterion not satisfied:

Level 1: Fisheries management
measures planned: _____

Level 2: Fisheries management
measures implemented: _____

Level 3: Fisheries management
measures monitored: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe status of fisheries management measures planned or initiated by the municipality/city, e.g. registry of municipal fishers, licensing systems, closed seasons, and other management measures:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

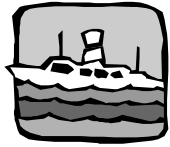
Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Coastal Law Enforcement

(check one)

Level 0: Criterion not satisfied:

Level 1: Coastal law enforcement units formed and trained: _____

Level 2: Coastal law enforcement units operational: _____

Level 3: Coastal law enforcement units effective: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe status of coastal law enforcement planned or initiated in the LGU:
Describe regional or provincial multi-agency collaborative efforts in which the LGU participated:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Marine Protected Areas

(check one)

Level 0: Criterion not satisfied:

Level 1: Marine protected areas
planned or existing: _____

Level 2: Marine protected
area established and
enforced: _____

Level 3: Marine protected areas
managed, monitored, and
evaluated: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe status and total hectares of MPAs planned or initiated in the municipality/city:
Indicate whether management plans and municipal/city ordinances exist for each MPA:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Mangrove Management

(check one)

Level 0: Criterion not satisfied: _____

Level 1: Mangrove management measures planned or existing: _____

Level 2: Mangrove management measures established and enforced: _____

Level 3: Mangrove management measures monitored and evaluated: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe status of mangrove management measures planned or initiated in the municipality/city:
Indicate whether community based forest management agreements or other measures have been employed:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Solid Waste Management

(check one)

Level 0: Criterion not satisfied:

Level 1: Solid waste management interventions planned and initiated: _____

Level 2: Solid waste management system operational: _____

Level 3: Solid waste management system effective and monitored: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe status of solid waste management programs.

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Watershed Management

(check one)

Level 0: Criterion not satisfied: _____

Level 1: Upland/watershed management program planned and initiated: _____

Level 2: Upland/watershed management program adopted and implemented: _____

Level 3: Upland/watershed management program effective and monitored: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe status of watershed management activities planned or initiated:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Coastal Environment-Friendly Enterprise Development

(check one)

Level 0: Criterion not satisfied:

Level 1: Coastal environment-friendly enterprises planned and initiated: _____

Level 2: Coastal environment-friendly enterprises successful and expanding: _____

Level 3: Coastal environment-friendly enterprises providing measurable socioeconomic and biophysical benefits: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe types and status of environment-friendly enterprises planned or initiated in the municipality/city:
Indicate the number of coastal stakeholders that will or have benefited from these enterprises:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Revenue Generation

(check one)

Level 0: Criterion not satisfied:

Level 1: Revenue generating mechanisms planned and initiated: _____

Level 2: Revenue generating mechanisms finalized and adopted: _____

Level 3: Revenue generating mechanisms funding CRM plans and programs: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe revenue generating mechanisms for CRM and other sources of funds obtained for CRM-related activities:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



**Multi-Institutional
Collaboration for CRM**

(check one)

Level 0: Criterion not satisfied:

Level 1: Multi-institutional
collaboration planned and
initiated: _____

Level 2: Multi-institutional
arrangements for
collaboration formalized and
strengthened: _____

Level 3: Multi-institutional
collaboration effective: _____

MCD updated?

Yes _____

No _____

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

Describe multi-institutional mechanisms established by the municipality/city in support of CRM plans and programs:

MUNICIPAL/CITY CRM MONITORING AND EVALUATION REPORT¹

Report year:

Municipality/City:

Province:

Region:

Benchmark²

(See details in Appendix A)



Overall requirements for CRM certification by level

CRM Certification Level
(municipal/city self-rating):

- Level 0 _____
- Level 1 _____
- Level 2 _____
- Level 3 _____

- All guiding indicators in place with evidence for benchmarks and supporting processes through field observation and in written form.
- MCD updated
- All relevant supporting documents attached including: CRM plan, ordinances, updated Municipal Coastal Database, other relevant documents and data

M&E Results Narrative

(Describe activities conducted during report year/provide evidence to support certification level)³

SUMMARY SHEET

	0	1	2	3
Basic requirements				
Multi-year CRM plan				
Coastal resource assessment				
CRM-related organizations				
Annual CRM programming and budgeting				
Shoreline/foreshore management				
CRM best practices				
Local legislation				
Municipal water delineation				
Coastal zoning				
Fisheries management				
Coastal law enforcement				
Marine protected areas				
Mangrove management				
Solid waste management				
Upland/watershed management				
Coastal environment-friendly enterprise development				
Revenue generation				
Multi-institutional collaboration for CRM				

- Level 0: Basic requirements benchmarks and minimum CRM best practices benchmarks for Level 1 not met.
- Level 1: All basic requirements benchmarks at Level 1 and at least 2 CRM best practices benchmarks at Level 1
- Level 2: All basic requirements benchmarks at Level 2 and at least 4 CRM best practices benchmarks at Level 2
- Level 3: All basic requirements benchmarks at Level 3 and at least 6 CRM best practices benchmarks at Level 3


Provide overall justification for the CRM level of municipality/city based on self-rating
Document lessons learned and experiences during the report year
Describe key actions needed and proposed timeframe for achieving the next CRM Certification Level
Describe priority technical assistance and investments needed to further CRM initiatives of the municipality/city

APPENDIX C

Template for Provincial CRM Certification Evaluation Report

Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____

Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Multi-year CRM plan</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>


1 Report prepared by Provincial CRM Certification Technical Working Group

2 Benchmarks and CRM Levels are described in Appendix A.

3 Justification should be provided for each benchmark rated and level. For Level 0, specific reasons for not achieving the benchmark should be identified as deficiencies; for Levels 1, 2, and 3, specific justification for attainment of that level must be provided; merit remarks be noted for extra ordinary achievements; Conditional rating may be signified pending appropriate data or documentation supplied by the municipalities; ample justification must be provide if a particular CRM best practices is deemed not be applicable (NA).


Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____


Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Coastal resource assessment</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>

Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____

Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Annual CRM programming and budgeting</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>

Provincial CRM Certification Evaluation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark ²	Justification/Deficiencies/Merit Remarks ³		Additional Requirements
<div style="text-align: center;">  </div> <p>CRM-related organizations</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>			<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>


Provincial CRM Certification Evaluation Report¹

Report Year:

Municipality/City:

Province:

Region:

Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Shoreline/ Foreshore management</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>

Provincial CRM Certification Evaluation Report¹

Report Year:

Municipality/City:

Province:

Region:

Benchmark²

Justification/Deficiencies/Merit Remarks³

Additional Requirements

CRM Best Practices



Local legislation

Level 0 _____

Level 1 _____

Level 2 _____

Level 3 _____

N/A _____

Additional supporting documents required?

No _____

Yes _____

(If yes, indicate the document required)

Field validation required?


No _____

Yes _____

(If yes, indicate focus of field validation)

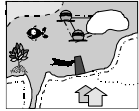
Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____

Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Municipal water delineation</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>


Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____


Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Coastal zoning</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>

Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____


Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Fisheries management</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>

Provincial CRM Certification Evaluation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark ²	Justification/Deficiencies/Merit Remarks ³		Additional Requirements
 <p>Coastal law enforcement</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>			<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>


Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____

Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Marine protected areas</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>


Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____

Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Mangrove management</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>


Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____


Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Solid waste management</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>

Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____


Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Watershed management</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>

Provincial CRM Certification Evaluation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark ²	Justification/Deficiencies/Merit Remarks ³		Additional Requirements
 <p>Coastal environment-friendly enterprises</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>			<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>


Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____

Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Revenue generation</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>

Provincial CRM Certification Evaluation Report¹

Report Year: _____ Municipality/City: _____ Province: _____ Region: _____

Benchmark ²	Justification/Deficiencies/Merit Remarks ³	Additional Requirements
 <p>Multi-institutional collaboration</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p> <p>N/A _____</p>		<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate focus of field validation)</p>


Provincial CRM Certification Evaluation Report¹

Report Year:


Municipality/City:

Province:

Region:

Benchmark ²	Summary Sheet				Additional Requirements																																																																																																				
 <p>Overall requirements for CRM certification by level</p> <p>CRM Certification Level (endorsed):</p> <p>Level 0 _____</p> <p>Level 1 _____</p> <p>Level 2 _____</p> <p>Level 3 _____</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;"></th> <th style="width: 12.5%;">0</th> <th style="width: 12.5%;">1</th> <th style="width: 12.5%;">2</th> <th style="width: 12.5%;">3</th> </tr> </thead> <tbody> <tr> <td colspan="5" style="text-align: center;">Basic requirements</td> </tr> <tr> <td>Multi-year CRM plan</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Coastal resource assessment</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CRM-related organizations</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Annual CRM programming and budgeting</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Shoreline/foreshore management</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5" style="text-align: center;">CRM best practices</td> </tr> <tr> <td>Local legislation</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Municipal water delineation</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Coastal zoning</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fisheries management</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Coastal law enforcement</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Marine protected areas</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mangrove management</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Solid waste management</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Upland/watershed management</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Coastal environment-friendly enterprise development</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Revenue generation</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multi-institutional collaboration for CRM</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					0	1	2	3	Basic requirements					Multi-year CRM plan					Coastal resource assessment					CRM-related organizations					Annual CRM programming and budgeting					Shoreline/foreshore management					CRM best practices					Local legislation					Municipal water delineation					Coastal zoning					Fisheries management					Coastal law enforcement					Marine protected areas					Mangrove management					Solid waste management					Upland/watershed management					Coastal environment-friendly enterprise development					Revenue generation					Multi-institutional collaboration for CRM					<p>Feedback and consultation with municipality/city on proposed CRM Certification Level conducted:</p> <p>(date of consultation):</p>
		0	1	2	3																																																																																																				
	Basic requirements																																																																																																								
	Multi-year CRM plan																																																																																																								
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	Revenue generation																																																																																																								
Multi-institutional collaboration for CRM																																																																																																									
<p>Level 0: Basic requirements benchmarks and minimum CRM best practices benchmarks for Level 1 not met. Level 1: All basic requirements benchmarks at Level 1 and at least 2 CRM best practices benchmarks at Level 1 Level 2: All basic requirements benchmarks at Level 2 and at least 4 CRM best practices benchmarks at Level 2 Level 3: All basic requirements benchmarks at Level 3 and at least 6 CRM best practices benchmarks at Level 3</p>																																																																																																									

Provincial CRM Certification Evaluation Report¹

Report Year:	Municipality/City:	Province:	Region:	
Benchmark²				Additional Requirements
 <p>Priority CRM technical assistance and investment needs of the LGU</p>	<p>Provide overall justification for the CRM level of municipality/city endorsed based on PCRMC TWG evaluation. Based on municipal/city feedback and consultation, list priority environmental investments needed, technical or training needs and possible sources, agencies and organizations to provide technical and financial assistance:</p>			

DESCRIPTION OF REVIEW AND VALIDATION PROCESS:

- 1. Annual M&E report reviewed: Yes _____ No _____
- 2. Municipal Coastal Data base reviewed: Yes _____ No _____
- 3. CRM Plan reviewed: Yes _____ No _____
- 4. Supporting documents submitted and reviewed: Yes _____ No _____
- 5. Field validation conducted: Yes _____ No _____

Municipal/city is recommended for CRM Certification Level: 0 _____ 1 _____ 2 _____ 3 _____

Justification/Deficiencies:

Provincial CRM Certification Technical Work Group Members:

Certification Endorsed to Regional CRM Certification Committee By:

Chairman, Provincial CRM Certification Technical Working Group

APPENDIX D

Regional CRM Certification Validation Report Template


Regional CRM Certification Validation Report¹

Report Year:

Municipality/City:

Province:

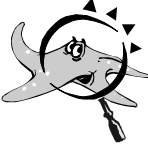

Region:

Benchmark ²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements
 <p>Multi-year CRM plan</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>



¹ Report prepared by Regional CRM Certification Committee

² Benchmarks and CRM Levels are described in Appendix A.

Regional CRM Certification Validation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements	
 <p>Coastal resource assessment</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	
 <p>Annual CRM programming and budgeting</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	

Regional CRM Certification Validation Report¹



Report Year:	Municipality/City:	Province:	Region:
Benchmark ²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements	
 <p>CRM-related organizations</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	
 <p>Shoreline/foreshore management</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	

Regional CRM Certification Validation Report¹

Report Year: _____ **Municipality/City:** _____ **Province:** _____ **Region:** _____

Benchmark ²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements
------------------------	--------------------------------------------------------	-------------------------

CRM Best Practices

 Local legislation	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>
 Municipal water delineation	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>

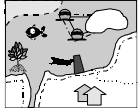

Regional CRM Certification Validation Report¹

Report Year:



Municipality/City:

Province:



Region:

Benchmark ²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements
 <p>Coastal area zoning</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>
 <p>Fisheries management</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>



Regional CRM Certification Validation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements	
 <p>Coastal law enforcement</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	
 <p>Marine protected areas</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	



Regional CRM Certification Validation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark ²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements	
 <p>Mangrove management</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	
 <p>Solid waste management</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	



Regional CRM Certification Validation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements	
 Watershed management	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	
 Coastal environment-friendly enterprises	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	

Regional CRM Certification Validation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements	
 <p>Revenue generation</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	
 <p>Multi-institutional collaboration</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (If no, explain why)</p> <p>N/A _____</p>	<p>Additional supporting documents required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p> <p>Field validation required?</p> <p>No _____</p> <p>Yes _____ (If yes, indicate the document required)</p>	

Regional CRM Certification Validation Report¹

Report Year:	Municipality/City:	Province:	Region:
Benchmark ²	Concurrence with Provincial Evaluation Report/Comments	Additional Requirements	
 <p>Overall requirements for CRM certification by level</p>	<p>CRM certification level in Provincial Evaluation Report accepted?</p> <p>Yes _____</p> <p>No _____ (if no, explain why)</p>	<p>Feedback to PCRMC TWG and municipality/city on final CRM Certification Level:</p> <p>(date of feedback)</p>	
 <p>Technical assistance and investment needs:</p>	<p>PCRMC Committee actions to source technical assistance and funding to priority needs of the municipality/city:</p>	<p>Potential sources of technical assistance and funding:</p>	

DESCRIPTION OF REVIEW AND VALIDATION PROCESS:

1. Provincial CRM Certification Evaluation Report reviewed: Yes _____ No _____
2. Annual M&E report reviewed: Yes _____ No _____
3. Municipal Coastal Database reviewed: Yes _____ No _____
4. CRM Plan reviewed: Yes _____ No _____
5. Supporting documents reviewed: Yes _____ No _____
6. Field validation conducted: Yes _____ No _____

Municipal/city is certified at CRM Certification Level: 0 _____ 1 _____ 2 _____ 3 _____

Justification/Deficiencies:

Regional CRM Certification Committee and Technical Working Group Members:

Certification approved by Regional CRM Certification Committee By:

Chairman, Regional CRM Certification Committee

These guidelines were produced by:



Department of
Environment and
Natural Resources



Department of the
Interior and Local
Government



Department of
Agriculture - Bureau of
Fisheries and Aquatic
Resources

Local Government Units, Nongovernment Organizations, and other Assisting Organizations



through the Coastal Resource Management Project,
a technical assistance project supported by the
United States Agency for International Development.



Technical support and management is provided by:



The Coastal Resource Management Project, 5/F Cebu International Finance Corporation Towers
J. Luna Ave. cor. J.L. Briones St., North Reclamation Area, Cebu City, 6000 Philippines
Tel. (63 32) 232 1821-22; 412 0487-89; Fax (63 32) 232 1825; Email: crmp@oneocean.org; Website: www.oneocean.org