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**BMB Technical Bulletin**  
No. 2022- 02

**SUBJECT: GUIDE IN MAINSTREAMING THE INTEGRATED COASTAL MANAGEMENT (ICM) APPROACH TO THE LOCAL GOVERNMENT UNITS' COMPREHENSIVE LAND USE PLAN (CLUP)**

Pursuant to DAO 2016-26, EO 533 and in order to ensure the mainstreaming of ICM approach into the CLUP and sustainable development of the country's coastal and marine environment, this Technical Bulletin is hereby issued for the information of all concerned.

**Section 1. Basic Policy**

It is the policy of the state to ensure the sustainable management of the country's coastal and marine environment and resources by looking at the interconnectivity of ecosystems from the upland to the coastal and marine areas in order to promote the right to a healthful and balanced ecology in accord with the rhythm and harmony of nature. Towards this end, it shall adopt integrated coastal management, hereinafter referred to as ICM, as a framework in regulating different human activities and ensuring a multi-stakeholder and ridge-to-reef approach to ecosystem management, with due consideration to ecological connectivity and their impact on social and ecological systems.

**Section 2. Objective**

This Technical Bulletin shall guide the DENR Field Offices in extending Technical Assistance to the LGUs in mainstreaming ICM into the Department of Human Settlements and Urban Developments' (DHSUD's) 12-step CLUP development planning process.

**Section 3. Scope and Limitations**

The Technical Assistance to be extended by the DENR Field Offices under this TB shall be initially implemented in LGUs with river systems influencing NIPAS Marine Protected Areas and other conservation areas, as part of the DAO 2016-26. This will eventually be implemented nationwide following a set of considerations in prioritization to be identified in the preparatory phase outlined in Section 7.



It is implied that the updating of the CLUP is LGU-led, and that the DENR Field offices will provide specific assistance consistent with their mandate, e.g., mapping, resource assessment, profiling, capacity building as outlined in Section 5 of this Technical Bulletin.

#### **Section 4. Definition of Terms**

For the purpose of this TB, the following definition of terms shall be used:

*Adaptation* refers to the adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities.

*Biological Diversity or Biodiversity* refers to the variability among living organisms from all sources including, inter alia, terrestrial, marine, and other aquatic ecosystems and the ecological complexes of which they are part. Biodiversity consists of a variety of species, their genetic make-up, and the habitats to which they belong.

*Climate Change* refers to changes in the mean and/or variability of climate properties that persist for an extended period typically decades or longer, whether due to natural variability or as a result of human activity.

*Coastal Area or Zone* refers to a band of dry land and adjacent ocean space (water and submerged land) in which terrestrial processes and uses directly affect oceanic processes and uses, and vice versa; its geographic extent may include areas within a landmark limit of one (1) kilometer from the shoreline at high tide to include mangrove swamps, brackish water ponds, nipa swamps, estuarine rivers, sandy beaches and other areas within a seaward limit of 200 meters isobath to include coral reefs, algal flats, seagrass beds and other soft-bottom areas.

*Comprehensive Land Use Plan (CLUP)* refers to the document formulated by the cities and municipalities in consultation with its stakeholders, that defines or provides guidelines on the allocation, utilization, development and management of all lands within a given territory or jurisdiction according to the inherent qualities of the land itself and supportive economic, demographic, socio-cultural and environmental objectives as defined in Republic Act (RA) No. 11201, otherwise known as the "Department of Human Settlements and Urban Development Act"

*Ecosystems Services* refer to the benefits people obtain from the ecosystems such as:

- a. *provisioning* which refers to the services that provide food, water, timber, and fiber;
- b. *regulating* which refers to the services that affect climate, floods, disease, wastes, and water quality;
- c. *cultural* which refers to the services that provide recreational, aesthetic, and spiritual benefits; and
- d. *supporting* which refers to the essential services such as soil formation, photosynthesis, and nutrient cycling.

*Integrated Coastal Management* refers to the ridge-to-reef approach and natural resource and environmental ecosystem-based management framework which employs an integrative, holistic management approach and an interactive planning process in addressing the complex management issues of the coastal and marine areas, and the major goal of which is to attain sustainable coastal development, including the maintenance of the functional integrity of ecosystems through effective coastal and ocean governance.

*Integrated Coastal Management Plan* is a plan formulated by the Local Government Units through the help of the DENR to holistically manage their resources. Reflected in the plan are the environmental resources present in the LGU such as but not limited to coral reef, mangroves, seagrass and others. The mitigation, conservation, protection and management are also embedded in the plan.

*Interconnectivity*- refers to the physical, socio-economic, and ecological linking of protected areas, production areas, settlements development, and infrastructure development policy areas within a watershed.

*Legislated Marine Protected Areas*- are marine areas established by Congressional legislation.

*Mainstreaming in CLUP*- means extracting, summarizing, and synthesizing the elements of Integrated Coastal Management in the DHSUD's 12-Step CLUP development process.

*Marine areas* - means the foreshore, seabed, and coastal water, and the airspace above the water: a) of which the seaward boundary is the outer limits of the territorial sea; b) of which the landward boundary is the line of mean highwater springs, except that where that line crosses a river, the landward boundary at that point shall be whichever is the lesser of.

*Municipal waters* refer not only to streams, lakes, inland bodies of water, and tidal waters within the municipality which are not included within the protected areas as defined under RA No. 11038 otherwise known as the "Expanded National Integrated Protected Areas System Act of 2018" (ENIPAS), public forest, timber lands, forest reserves, or fishery reserves, but also marine waters included between two (2) lines drawn perpendicular to the general coastline from points where the boundary lines of the municipality touch the sea at low tide and a third line parallel with the general coastline including offshore islands and fifteen (15) kilometers from such coastline. Where two (2) municipalities are situated on opposite shores and with less than thirty (30) kilometers of marine waters between them, the third line shall be equally distant from the opposite shore of the respective municipalities.

*Other Effective Area-based Conservation Measures (OECM)* - a geographically defined area other than a Protected Area, which is governed and managed in ways that achieve positive and sustained long-term outcomes for the in-situ conservation of biodiversity with associated ecosystem functions and services and where applicable, cultural, spiritual, socio-economic, and other locally relevant values.

*State of the Coasts reporting system* refers to an assessment tool for LGUs to be used in measuring the progress and benefits of ICM implementation. It allows the LGUs to document and measure the effectiveness and impacts of policy and management interventions in support of sustainable coastal development and evaluate progress towards local, national, and international targets for sustainable development.

*Watershed* refers to a land area drained by a stream or fixed body of water and its tributaries having a common outlet for surface run-off. It is a topographically delineated area of landform which rainwater can drain as surface run-off, *via* a specific stream or river system to a common outlet point.

*Zoning* is the division of a city/municipality into zones or sub-zones (e.g. commercial, residential, industrial, institutional, agricultural, forest, etc.) according to present and potential uses of land to maximize, regulate and direct their use and development in accordance with the Comprehensive Land Use Plan. It takes the form of a locally enacted ordinance which provides, among others, regulations affecting uses allowed or disallowed in each zone or sub-zone, conditions for allowing them, and procedures on evaluating deviations.

## **Section 5. ICM Mainstreaming Process into the Comprehensive Land Use Plan (CLUP)**

This section elaborates the phases of mainstreaming the ICM Approach into the CLUP. Each level has a set of activities to be undertaken with corresponding means of verification which is vital in monitoring the progress of mainstreaming.

**5.1. Inception Phase.** This phase entails the preparatory works and activities in Mainstreaming the ICM approach to CLUP, and prioritization of LGUs for pilot-testing. The Inception Phase is centered on the creation of an enabling mechanism with the Local Government Unit. During this Phase, the following activities must be undertaken within the span of one (1) year period.

1. Creation of DENR Regional Composite Team with clear-cut tasks and outputs;

*MOV: Special Order on the creation of DENR Composite team signed by the RED*

2. Mapping of river systems influencing to NIPAS-MPAs with LGU coverage;

*MOV: Maps of river systems influencing the NIPAS MPA*

3. Status of the LGU's Comprehensive Development Plan (CDP), Comprehensive Land Use Plan (CLUP), and Integrated Coastal Management Plan (ICMP) (*i.e. adopted, for updating, draft*);

*MOV: Filled-out form on the status of the LGUs' CLUP, CDP and ICM Plan*

4. Ground validation of inventoried river systems to identify key threats and issues and ENR Profiling;

*MOV: Ground-truthed maps and filled-out ENR profile form.*

5. Notify the LGU on the result of the Inception Phase;

*MOV: Letter to the Chief Executive of the LGU containing the findings and recommendations.*

6. Identification of LGU to be prioritized for ICM mainstreaming following these criteria:

*Number of river systems and severity of consequences of threats and challenges.* Prioritize LGUs that have more river systems influencing the PA and the urgency to address the threats/challenges.

*Status of ICM plan.* Prioritize LGUs that have updated, adopted and implemented ICM plans.

*Status of CLUP.* Prioritize LGUs that have outdated CLUP or are currently updating their plans.

*LGU Partnership.* Prioritize LGUs that have strong linkage and partnership with DENR Region and development partners. In addition, prioritize LGUs that have MENRO/City ENRO  
*Availability and accessibility of data.* Prioritize LGUs that have maintained and updated databases.

*MOV: Memorandum to the BMB Director containing the name of LGU to be prioritized based on the criteria for prioritization.*

**5.2. Mainstreaming Phase.** This phase provides the specific technical assistance to be given by the DENR Field Offices following the 12-step CLUP development process as outlined in Volume 2 of the CLUP Guide Books. A more comprehensive checklist on ICM-mainstreaming into CLUP is annexed (**Annex 1**) to this bulletin.

<b>12 Steps of CLUP Development</b>	<b>Specific TA to be provided by the DENR/Role of DENR</b>	<b>Key actions/elements to check/reference</b>	<b>MOV to be reported to BMB for the MnE under CMEMP</b>
<b>Step 1. Organize</b>	DENR Field Office letter to the LGUs informing them of new direction of DENR on ICM TA support, and inquiry on LGUs plan to update their CLUPs; or  Letter of Intent (LOI) from the LGU requesting for support	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 1	DENR Field Office Letter to LGUs (Annex 2) / LGU Letter of Intent  Report of confirmation that the LGU is planning to update their CLUP

	from DENR Field Office on updating their plan		
<b>Step 2. Identification of Stakeholders</b>	Express interest to the LGUs to be a member of the development team of CLUP / member of the organized team.	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 2	Meeting report with photo documentation (can be taken during the first meeting) if possible, or letter from the mayor indicating that the DENR is part of the TWG.
<b>Step 3. Vision Setting</b>	Provide descriptors / keywords related to ICM in the vision statement of the LGU.  Provide inputs to the workshop on Vision-Reality Gap (VRG) if applicable	Suggested descriptors in the vision: interconnectivity, sustainable, conservation, ridge-to-reef, sustainability  May refer also to the LGU's ICM Plan, if any; EO 533  <b>Reference:</b> CLUP Guidebook Volume 1 - Step 3	Meeting report indicating the approved vision statement of the LGU (with photo documentation if possible), and inputs to the VRG
<b>Step 4. Analysis of Situation</b>	Provide data for the relevant ENR profile (as part of the Ecological Profile) using the following:  BAMS/ BMS (assessment on terrestrial and coastal and marine habitats) present in the LGU.  SEAMS/ SRPAO Water Quality  Provide technical inputs in the sectoral studies (e.g. SWOT Analysis), environmental facts and figures.  Provide watershed map / river systems map /	<b>References:</b>  DENR Office: BAMS, BMS, SEAMS/SRPAO, Water Quality Assessment tools and methodologies, CLUP Guidebook Volume 1 - Step 4  All other available relevant studies sources	Report on submitted documents or workshop documentation including inputs to the ENR profile (attach the provided maps and information submitted to the LGU)

	<p>Digital Elevation Model (DEM) of the LGU.</p> <p>Provide relevant shapefiles/data/information of the LGU.</p>		
<b>Step 5. Set the Goals and Objectives</b>	<p>Provide ICM goals, objectives, and success indicators on the environmental sector, and cross-cutting sectoral studies</p>	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 5	<p>Report on submitted documents in the CLUP containing the ICM goals, objectives, success indicators</p>
<b>Step 6. Establish Development Thrust and Spatial Strategies</b>	<p>Provide inputs/ analyses of watershed map / river systems map / Digital Elevation Model (DEM) and other relevant spatial strategies and tools of the municipality/city and consider the adjacent municipalities within the watershed to establish the development of thrusts and spatial strategies of the LGU.</p> <p>Watershed/ river basin analysis report and assessment to check for R2R approach and connectivity.</p>	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 6	<p>Report on development thrust and spatial strategies of the LGUs in consideration of the R2R approach, including the maps/data provided to the LGUs. This will also include watershed/river basin analysis and assessment.</p>
<b>Step 7. Prepare the Land Use Plan</b>	<p>Provide inputs/ analyses towards the development of LGUs' land and water use policies, and other spatial location policies/zones using the shapefile/ data/ information provided in Step 4:</p>	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 7	<p>Report on the submitted documents with appropriate attachments (Technical Description of the Land Use policy areas)</p>

	Watershed (Forest, river basin) policies/zoning; Coastal and marine (Corals, seagrass, mangrove, mudflats, wetland) policies/zoning; Protected Area Management Zoning		
<b>Step 8. Draft the Zoning Ordinance</b>	Check and provide inputs on the allowable, non-allowable uses, design regulations, DRR-CCA policies on the zones particularly those affecting the NIPAS protected areas and other conservation areas such as but not limited to coastal and land conversion projects e.g. infrastructure projects, telecommunication facilities, and extractive industries.	<b>Reference:</b> DHSUD-HLURB Model Zoning Ordinance  CLUP Guidebook Volume 1 - Step 8	Draft ZO incorporating the inputs provided
<b>Step 9. Conduct Public Hearing</b>	Participate in the public hearing	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 9	Participation (Attendance Sheet) with meeting report and photo documentation
<b>Step 10. Review, Adopt and Approve the CLUP and ZO Ordinance</b>	Participate in the review of CLUP and Zoning Ordinance	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 10	Participation (Attendance Sheet) with meeting report and photo documentation
<b>Step 11. Implement the CLUP and ZO</b>	Secure a copy of the draft SB Resolution Adopting the Implementation of the ICM-responsive CLUP	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 11	Minutes of Meeting of the discussion of the Resolution Adopting the Implementation of the ICM-Responsive CLUP
<b>Step 12. Monitor and Evaluate the CLUP and ZO</b>	Participate in Environmental Management Council meetings with the LGUs	<b>Reference:</b> CLUP Guidebook Volume 1 - Step 12	Participation (Attendance Sheet) with meeting report and photo documentation



**5.3. Sustained phase.** The following criteria is required to categorize that the CLUP of LGU is already ICM-responsive, to wit:

1. Legal basis adopting the updated CLUP with ICM elements;
2. A Monitoring and Evaluation Plan developed by the LGU to assess the effectiveness of identified ICM-related strategies outlined in the CLUP;
3. State of the Coast report of the LGU submitted to the DENR
4. Documented ICM best practices using any format and/or platform available (*i.e.* print, digital media)
5. Regular updating of the ICM-responsive CLUP; and
6. Replication of the process of mainstreaming to the adjacent LGUs.

**Section 6. Implementation Arrangements.** The implementation of this TB covers the process of mainstreaming the ICM Approach into the CLUP. This requires multi-coordination among DENR, LGUs and other concerned agencies/institutions. The implementation of the ICM-responsive CLUP shall be the mandate of the Local Government Units per Local Government Code 1991.

In order to provide coordinated, efficient, and effective implementation of this TB, the CENRO, PENRO, Regional Offices, and the BMB shall have the following roles and responsibilities:

#### **6.1 CENRO**

1. Be actively involved as a member of the LGU's Planning team responsible in the formulation and updating of the CLUP;
2. Provide technical assistance to the identified and prioritized municipality/city governing bodies (See Section 5 for the TA, and Section 7 for the considerations for prioritization);
3. Monitor the progress of TAs in the mainstreaming of ICM and provide progress reports with recommendation;
4. Provide capacity development support in LGU in the mainstreaming of ICM, contingent on trainings and capacity needs assessment by the DENR BMB;
5. Submit to PENRO bi-annual progress report with action taken and recommendations; and
6. Provide close coordination with the counterpart concerned agencies/institutions and LGU's M/CPDC

#### **6.2 PENRO**

1. Provide technical assistance to the CENRO in mainstreaming ICM to the LGUs' CLUP;
2. Provide capacity development support to CENRO in the mainstreaming of ICM, contingent on trainings and capacity needs assessment by the DENR BMB;

3. Monitor and evaluate reports submitted by the CENRO and provide recommendations;
4. Consolidate CENRO reports with actions taken and recommendations, and submit to RO bi-annual progress report; and
5. Be actively involved as a member of Provincial Land Use Committee (PLUC).

### **6.3 Regional Office (RO)**

1. Provide technical advice to the CENROs and PENROs in mainstreaming ICM to the LGUs' CLUP;
2. Provide capacity development support to CENROs and PENROs in the mainstreaming of ICM to LGUs' CLUP contingent on trainings and capacity needs assessment by the DENR BMB;
3. Monitor and evaluate reports submitted by the PENROs;
4. Consolidate PENRO reports and submission to BMB of bi-annual progress report on the status/progress of mainstreaming ICM;
5. Analyze and process consolidated reports from the PENRO and provide recommendations from the consolidated reports; and
6. Be actively involved as a member of the Regional Land Use Committee (RLUC).

### **6.4 Biodiversity Management Bureau (BMB)**

1. Provide guidance to the Field Offices in mainstreaming ICM to the LGUs' CLUP;
2. Conduct trainings and capacity needs assessment for the DENR Field Staff, and provide capacity development programs on the mainstreaming of ICM to LGUs' CLUP;
3. Enhance ICM database networked to the CMEMP and BMB database;
4. Monitor and evaluate the consolidated reports submitted by the ROs and provide analysis and recommendations; and
5. Submit Annual National Progress Report to the Secretary of DENR in mainstreaming ICM to LGUs CLUP.

## **Section 7. Monitoring and Assessment**

The BMB shall monitor and assess the phases of progress of the ICM Mainstreaming into the CLUP by the DENR Field offices based on the activities and its means of verification provided in each phase in Section 5. The monitoring tool is attached as **Annex 3** to guide all concerned DENR Offices.

## **Section 8. Funding**

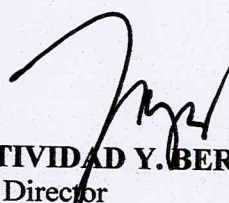
The DENR BMB and Field Offices shall allocate necessary funding to support the execution of this TB under the DAO 2016-26.

**Section 9. Separability Clause**

If any provisions of this TB shall be held invalid or unconstitutional, the other portions or provisions hereof which are not affected shall continue in full force and effect.

**Section 10. Effectivity**

This Order shall take effect immediately and shall be circulated for information and guidance of all concerned Offices.

  
**NATIVIDAD Y. BERNARDINO**  
OIC Director



Republic of the Philippines  
Department of Environment and Natural Resources  
BIODIVERSITY MANAGEMENT BUREAU



**BMB202201835**

*Annex 1: Comprehensive checklist to ensure ICM Mainstreaming into the CLUP*

**1.1 Step 1. Organize**

Step 1. Organize	Key Steps	Relevant Output	Checklist to ensure ICM mainstreaming	TA to be supported by the various Government agencies	Possible Source of Data and Information
	Discuss the need to prepare or update the CLUP	Decision to prepare/update CLUP	Letter of intent/request sent by LGU to DENR Field for TA support or a letter of inquiry from the DENR field to the LGU whether there is a plan to update their CLUP.	Main facilitator and support from provincial PPDO; CMEMP BMB as resource persons	LGU
	Access available resources and prepare proposal	Strategies to undertake planning CLUP Proposal / SB/SP Resolution approving proposal	Consider resources for conduct of coastal resource assessment and studies, consultation activities and data collection.	harmonizing all available policies and local programs related to ICM and CLUP	DHSUD, DILG, LGU, DENR
	Organize the Planning Team	Executive Order designating members of Planning Team and Technical Working Groups	Ensure involvement of DENR-BMB, BFAR, Agriculture, Environment in the LDC, Tourism offices must be involved (municipal level); involve Provincial levels and DHSUD coordinator; NEDA and DILG; ICM TWG/network.	Training/Resource Speaker to orient the planning team; GIS /mapper;	Involve research academic institutions/NGOs as resource speakers; BFAR for fisheries related policies; DSHUD CLUP steps, DILG for CDP steps; DENR for environmental programs; CCC for CC lens, UP Resilience Institute/SURP or OCD for DRM lens

	Orient the Planning Team	Defined roles and responsibilities	Orientation on ICM, basic terminologies and coastal zones; involve FARMC or fisherfolk sectoral reps, review approaches to strengthen the ridge-to-reef/integrated ecosystems concepts during the planning process (e.g. nature-based solutions, ecosystem-based adaptation)	Technical inputs on forest, coastal, fisheries for non-technical team members; vice-versa; Planning orientation and tools to non-planners; DSHUD guidelines	Relevant training manuals, toolkits, guidelines on ICM/coastal and marine and SD aspects
	Inventory available information	Compilation of existing data	Key watershed/sub-watershed delineation (DENR/CENRO), Local sectoral plans and key national agency plans (DENR-BMB, DA-BFAR), Annual reports, assessments and evaluation, climate projections and hazard data, tenorial instruments, fisheries code, other coastal and marine related data available in the LGU and other government entities.	Facilitator and documenter	DENR, BFAR, DILG, DHSUB, MLUC and PLUC
	Prepare and disseminate IEC materials.	Community awareness	Orientation of ICM principles in CLUP; IEC materials in relation to the importance of ICM	Facilitator and documenter	CPDO/MPDO; Barangay officials

*ICM MOV for Step 1: Report on the Relevant Output and Checklist (Columns 3 and 4)*

**1.2 Step 2. Identify Stakeholders**

<b>Step 2. Identify Stakeholders</b>	<b>Key Steps</b>	<b>Relevant Output</b>	<b>Checklist to ensure ICM mainstreaming</b>	<b>TA to be supported by the various Government agencies</b>	<b>Possible Source of Data and Information</b>
	Identify stakeholders by key planning and development sectors or coverage	List of interest groups/individuals for identified key CLUP outcome/result areas and objectives	Consider as stakeholders FARMCs, ENRO, MAO, BFAR-Regional Office, NAMRIA, PPA, SUCs, NGOs engaged in marine/coastal related work. Include NCIP and IPs as stakeholders if there are parts of the municipal waters recognized as Ancestral Domains.	Facilitator and documenter	M/CPDO, DHSUB, MLUC and PLUC
	Prepare an action plan for approaching and involving each person or group	Action Plan with strategies for approaching and involving stakeholders	Stakeholder engagement plan, if necessary.	Facilitator and documenter	DENR, BFAR, DILG, DHSUB, MLUC and PLUC
	Develop and implement an Information and Education Campaign (IEC) plan.	Information and Education (IEC) Plan	Orientation of planning process the importance of CLUP and ICM; related to fisheries and CLUP and LGU's vision, if PA present this should be part of the CEPA	Facilitator and documenter	CPDO/MPDO; Barangay officials

*ICM MOV for Step 2: Report on the Relevant Output and Checklist (Columns 3 and 4)*

### 1.3 Step 3. Set the Vision

Step 3. Set the Vision	Key Steps	Relevant Output	Checklist to ensure ICM mainstreaming	TA to be supported by the various Government agencies	Possible Source of Data and Information
	Review the vision, goals, and objectives of the existing CLUP.	Existing vision reaffirmed, revalidated, or revised	The review of the existing vision should clearly be reflected in the context of the integrated ecosystem/watershed-based or ridge-to-reef management planning framework; Ensure revised vision includes ICM aspects	Facilitator and documenter	MPDC/CPD C
	Formulate the vision statement.	Vision statement formulated and agreed upon (if new)	Highlight initial/final results of the situational analysis, especially on coastal assessments, during the visioning/review workshops.	Facilitator and documenter	MPDC/CPD C
	Present the refined vision statement to the Local Development Council for endorsement to the Sangguniang Panlungsod/ Bayan for subsequent adoption.	Feedback from Local Development Council	Refined vision to incorporate ICM elements.	Facilitator and documenter	MPDC/CPD C
	Adopt the vision.	Adopted vision by Sangguniang Panlungsod/ Bayan	Adopted vision to incorporate ICM elements.		SB/SP

	Disseminate the adopted vision to the general public.	Official vision statement disseminated	Official vision statement to incorporate ICM elements.	technical inputs on forest, coastal, fisheries	CPDO/MPD O; Barangay officials
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*ICM MOV for Step 3: Report on the Relevant Output and Checklist (Columns 3 and 4)*

#### 1.4 Step 4. Analyze the Situation

<b>Step 4. Analyze the Situation</b>	<b>Key Steps</b>	<b>Relevant Output</b>	<b>Checklist to ensure ICM mainstreaming</b>	<b>TA to be supported by the various Government agencies</b>	<b>Possible Source of Data and Information</b>
	Review current CLUP, PPF, and relevant national/ sub-national plans.	Review of accomplishments of current CLUP based on key result areas; Key strategies and targeted priorities of PPF, national and other relevant plans	Review relevant plans such as CRMP and ICMP, if available. Consider ADSDPP, PAMP, FLUP and CLUPs/plans of adjacent municipalities/cities/provinces.		Integrated River Basin Management and Development Master Plans/Framework; Monitoring reports, progress reports on CLUP/PPFP implementation, if available.
	Update situation analysis and conduct new assessments. Conduct sectoral studies Conduct key natural/ physical/ biodiversity/ environmental assessments Process and analyze data	Sectoral and thematic studies Demographic/ socio-economic/ infrastructure-utilities profile: Coastal and marine Forest Climate change and disaster risk	Conduct Coastal Planning Ecosystems Analysis Steps using the CLUP Guidebook Volume 2.; Sectoral: ICM/CRM plans and programs; MPA plan, FMA, fisheries production, river management plan, PAMPs	DENR Field Offices TA in Updating the ENR Profile; Technical inputs in the sectoral studies, facts and figures (ie. BAMS, BMS, DENR-EMB/ BMB for water quality and pollution	DENR BFAR, DOST, NGOs and research institutions; Information from projects and programs being implemented by multilateral and bilateral partners



<p>Discuss the existing situation</p> <p>Establish the significant historical land use trends</p> <p>Determine areas that need to be conserved and preserved, and areas with physical constraints</p> <p>Integrate the results to derive the most pressing and significant issues</p> <p>Discuss potentials and comparative advantages</p> <p>Determine and rank the priority issues and problems</p> <p>Determine possible interventions</p>	<p>Ancestral domain</p> <p>Heritage</p> <p>Green growth</p> <p>Urban design</p>	<p>ICM/CRM plans and programs; MPA plan, FMA, river management plan, PAMPs, SEAMS</p>	<p>DENR Field Offices</p> <p>TA: Technical inputs in the sectoral studies, facts and figures, SEAMS, BAMS, DENR</p> <p>EMB-BMB for water quality and pollution</p>	<p>all NGA concerned to the fisheries sectors, BFAR, DOST, DENR, NGOs research institutions</p>
	<p>Sectoral needs/issues/problems</p> <p>Projected/future land requirements</p> <p>Assessment of natural/ physical/ environmental features</p> <p>Physical environmental profile</p> <p>Existing land uses (map and areas)</p> <p>Thematic and analytical maps</p> <p>Development constraints/ non-buildable areas</p> <p>Potential development areas</p> <p>Cross-sectoral analysis and integration of sectors and land uses</p> <p>LGU potentials and comparative advantages</p> <p>Priority issues and problems</p> <p>Possible interventions</p>	<p>Coastal: ICM/CRM plans and programs; MPA plan, Fisheries Management Area plan, river management plan, PAMPs, SEAMS; BAMS</p> <p>Mangrove and beach forests, river and estuaries, wetlands, endangered and endemic species, Climate Change Vulnerability Assessment (CCVA)</p>	<p>Technical inputs from DENR and BFAR on environmental profile</p>	<p>DENR, BFAR, DOST, NGOs and research institutions</p>
		<p>Forests: inclusion of mangrove and beach forest, greenbelts zones, river basins, watersheds</p>	<p>Technical inputs from DENR and BFAR on environmental profile</p>	<p>DENR FMB, BMB, ERDB, DA-BFAR</p>
		<p>CCDRM: tsunami area, SL rise, flood prone areas</p>	<p>Technical inputs, Maps</p>	<p>CCC, DOST, DENR, NEDA, BFAR, PAG-ASA</p>
		<p>Ancestral domain: ADSDPP, claims, domains maps for rivers and waters, watershed, islands, ICCA</p>	<p>Maps, technical inputs, IP knowledge</p>	<p>NCIP</p>

		Heritage: geological or historical features		National Museum, academic institutions, NGO's, Church
		Green Growth: enterprise/economic development related to fisheries, coastal marine and forest products, tourism, marine transport		DTI, DHSUD, NEDA, PPA, TIEZA, Export zone, Marina
		Sectoral needs: Coastal Environment Profiles; Fisheries Profiles; Solid Waste Issue/Marine Litter, Gender and Development Plan		
		Projected/future: same as above		
		Cross-sectoral: Gender, Conflict Areas, CCA and DDR, Economic zones		
		LGU potentials: Coastal zoning and fisheries and tourism related programs		
		Policy issues/possible interventions: Sectoral studies, SWOT, PCRA		
	Validate new findings with stakeholders.	Refinement of baseline data based on stakeholder feedback	Ensure that baseline data includes coastal and marine indicators.	Facilitator and documenter LGU

	Determine current and projected needs.	Current and projected needs per sector		Facilitator and documenter	LGU
	Determine land supply.	Land supply for development		Maps	DENR LMB, NAMRIA

*ICM MOV for Step 4: Report on the Relevant Output and Checklist (Columns 3 and 4)*

### 1.5 Step 5. Set the Goals and Objectives

<b>Step 5. Set the Goals and Objectives</b>	<b>Key Steps</b>	<b>Relevant Output</b>	<b>Checklist to ensure ICM mainstreaming</b>	<b>TA to be supported by the various Government agencies</b>	<b>Possible Source of Data and Information</b>
	Review the vision statement and the major problems and opportunities identified in the situation analysis.	Analysis of vision, major problems/ issues, and potentials	Utilize outputs of the visioning activities and situation analysis to come up with coastal and marine-related goals and objectives.	Reviewer, BMB resource person	LGU, DENR BMB
	Formulate the general goals and objectives.	General goals and objectives (multi-sectoral)	ICM elements in the goals and objectives	Reviewer, BMB resource person	LGU, DENR BMB
	Identify the key outcome and output indicators.	Key outcome and output indicators	ICM outcome and output indicators identified	Reviewer, BMB resource person	LGU, DENR BMB

	Validate and adopt the identified development goals, objectives, and key outcomes at the city/ municipal and community level.	Validated goals, objectives, key outcome and output indicators	ICM elements in the goals, objective, indicators	Reviewer, BMB resource person	LGU, DENR BMB
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*ICM MOV for Step 5: Report on the Relevant Output and Checklist (Columns 3 and 4)*

### 1.6 Step 6. Establish Development Thrust and Spatial Strategies

Step 6. Establish Development Thrust and Spatial Strategies	Key Steps	Relevant Output	Checklist to ensure ICM mainstreaming	TA to be supported by the various Government agencies	Possible Source of Data and Information
	Generate and evaluate options for the strategic development thrust.	Preferred development thrust	During the workshop for the generation and evaluation of the strategic development thrust, <b>include, validate and integrate</b> the terrestrial and coastal and marine nodes of LGU, including its comparative advantages, environmental constraints, functional roles, as well as the <b>ICM-related vision descriptors, goals and objectives</b> that were established during the previous steps. This way, the LGU can incorporate and establish their spatial development strategy. Specifically, 1. Indicate the upland, coastal and fisheries thrusts (production, protection (conservation), ecosystem-based adaptation (EbA) elements and principles; biodiversity protection;	1. Facilitation through a meeting or workshop to ensure that ICM Nodes/network are considered; 2. Provide technical inputs; 3. Guide/Refer to the concerned agencies and/or national policies on other topics/expertise	CLUP Guidebook Volume 1 - Step 6

			2. Integration and review the other sectoral plans in the spatial development options (CRM Plan, DRRM, PAMP, Solid Waste Management Plan, Fisheries Management Plan, FLUP, Watershed Management Plan)		
	Formulate development strategies to pursue the preferred development thrust.	Development strategies for the preferred development thrust	Map out the strategies through a map or a transect/ridge-to-reef diagram, especially development strategies located in coastal areas, to help visualize the effects and relationship between strategies and the surrounding areas. Consider the following sustainable development aspects as stipulated in the ICM Framework: 1. Natural and Man-made Hazard prevention and management (refer DRRM Plan, CCVA) 2. Habitat Protection, Restoration and Management (refer PAMP, FLUP, CRM, Fisheries Management Plan) 3. Water Use and Supply Management 4. Food Security and Livelihood Management 5. Pollution Reduction and Waste Management	1. Facilitation through a meeting or workshop to ensure that these sustainable development aspects be considered in the section of strategies in LGUs' CLUP 2. Provide technical inputs; 3. Guide/Refer to the concerned agencies and/or national policies	CLUP Guidebook Volume 1 - Step 6
	Evaluate and select the most suitable	Preferred development and spatial strategies	Include ICM-related principles/criteria/objectives during the strategy assessment and selection process		CLUP Guidebook Volume 1 - Step 6

	development and spatial strategies		(GAM/SCBA). Step 4 assessment shall be considered in spatial strategies		
	Prepare the Structure Plan based on the spatial strategies.	Structure Plan to provide the overall framework of the CLUP (schematic diagram with short narratives)	Using the results of the development thrust and strategies, and characterize the said outputs into a map and detail major planning considerations on the said map, including/considering the steps 4-5 analysis such as critical watersheds/ecosystems/habitats, protection areas, production areas, buffers, climate and disaster resiliency intervention measures, major infrastructure projects, urban growth areas, and circulation networks (including navigational lanes).	1. Support the LGUs by providing technical inputs in the formulation of the structural plan	CLUP Guidebook Volume 1 - Step 6

*ICM MOV for Step 6: Report on the Relevant Output and Checklist (Columns 3 and 4)*

**1.7 Step 7. Prepare the Land Use Plan**

Step 7. Prepare the Land Use Plan	Key Steps	Relevant Output	Checklist to ensure ICM mainstreaming	Technical Assistance Needed	Possible Source of Data and Information
	Determine land requirements and supply.	Total sectoral land requirement Strategies for addressing land requirements	<p>Integrate results of sectoral/thematic and development plans, such as FLUP, CRMP, Tourism Master Plan, PAMP, and ADSDPP, by the LGUs or national agencies into the CLUP. Land use management and zoning arrangements of these plans should be consistent and compatible with the designation land use and zoning of the LGU.</p> <p>Collect and assess the results of the situational analysis particularly on the: 1. municipal waters boundaries and limits; 2. coastal layers; 3. land/water use requirements, demands and existing supply; 4. River zones; 5. Mariculture and Aquaculture zones; 6. PA Zones; 7. Risk and vulnerability maps; (Refer to Section 4 -Match the needs with the supply)</p>	<p>1. Participation in the meeting/workshop/write shop in the formulation of this step;</p> <p>2. Provide technical inputs</p>	CLUP Guidebook Volume 1 - Step 7

	Design the basic land use scheme.	Proposed Land Use Map; Tabulation of existing and proposed uses; Proposed network of major and secondary roads	Translate the structure plan, with consideration to the land and water use requirements and supply, into a proposed land and water use map with clearly defined boundaries for land/use areas and zones. This should take account aesthetic factors, transport layout, convenience and performance standards.  Quantify land areas of the mapped-out land and water uses.	1. Participation in the meeting/workshop/writes hop in the formulation of this step; 2. Provide technical inputs	CLUP Guidebook Volume 1 - Step 7
	Formulate the policies that will govern the specific land and water uses.	Land and water use policies	Detail the policies that will govern the land and water uses - including statements for its strategic functions, intensity of activities, visual impact regulations, incentives, CCA-DRR, and conservation, preservation, maintenance and development of ecosystems (e.g. coastal), cultural heritage, natural resources and the like.		CLUP Guidebook Volume 1 - Step 7
	Identify the key strategic programs and projects to support implementation of Land Use Plan.	General listing of consolidated programs and projects	Determine relevant programs and projects that will help detail and implement the land use plan and the identified policies. Consider the following sustainable development aspects as stipulated in the ICM Framework and in connection to Step 6: (Highlight the ICM) 1. Natural and Man-made Hazard prevention and management (refer DRRM Plan, CCVA) 2. Habitat Protection, Restoration and Management (refer PAMP, FLUP, CRM,	1. Provide technical input on possible programs that can be undertaken and date needed for program/project design; 2. Suggestions on possible fund sources (e.g. DENR- LGU joint initiative)	CLUP Guidebook Volume 1 - Step 7



			Fisheries Area Management Plan) 3. Water Use and Supply Management 4. Food Security and Livelihood Management 5. Pollution Reduction and Waste Management		
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*ICM MOV for Step 7: Report on the Relevant Output and Checklist (Columns 3 and 4)*

### 1.8 Step 8. Draft the Zoning Ordinance

<b>Step 8. Draft the Zoning Ordinance</b>	<b>Key Steps</b>	<b>Relevant Output</b>	<b>Checklist to ensure ICM mainstreaming</b>	<b>Technical Assistance Needed</b>	<b>Possible Source of Data and Information</b>
	Define the title and purpose of the integrated Zoning Ordinance.	Authority and purpose	Under the Authority section, it is important to refer in the approved Zoning Ordinance references to other relevant laws such as NIPAS Law, Fisheries Code, Forestry Code, Water Code and other ordinances that are applied in the ZO. Under the Purpose section, LGUs may want to highlight other purposes which are more expressive of the specific development needs, goals and directions of their localities, such as those related to ICM principles.	1. Technical input that can be undertaken and date needed for the zoning;	CLUP Guidebook Volume 1 – Step 8 CLUP Guidebook Volume 3
	Designate specific zones in the city/ municipality based on the CLUP.	Boundary descriptions	Zones should be based on the land and water uses identified in the CLUP. Step 8, Annex 8-2 provides for a guide in determining zones and development regulations specifically for Coastal Areas. In addition, CLUP Guidebook Volume 3 provides for sample Zones and	1. Technical input that can be undertaken and date needed for the zoning;	CLUP Guidebook Volume 1 - Step 8 CLUP Guidebook Volume 3

			Regulations that can be included in the ZO of the LGUs. Water zones should be delineated and provided with corresponding regulations. Since we are promoting ICM approach, for the landlocked municipalities/cities, consider ICM- sustainable development aspects be integrated in the zoning		
	Identify and agree on regulations for each zone/ district.	Zone/ district regulations (use, density and bulk controls, urban design rules and performance standards)	CLUP Guidebook Volume 3 provides for sample Zones and Regulations that can be included in the ZO of the LGUs. Water zones should be delineated and provided with corresponding regulations. Identify in the water use zones allowable uses/activities in accordance with existing laws such as Fisheries Code, AFMA, IPRA, etc., as well as local ordinances.		CLUP Guidebook Volume 1 - Step 8 CLUP Guidebook Volume 3
	Identify areas where Co-Management Agreement (CMA), and inter-LGU cooperation and coordination as well as Indigenous Political System (IPS) can apply.	Indigenous Political System (IPS) / Co-management provisions	Partnership with DENR (for public lands), adjacent LGUs and LGUs within the same watershed (for inter-LGU cooperation and management) and other NGAs (for other public lands) should be established. Corresponding institutional arrangement and mechanisms would also be established between the agencies/groups.  - PA Co-Management Areas; - MPAN; - CBFMA Areas; - Ancestral domains	1. Provide technical inputs; 2. Refer to the concerned agencies such as NCIP, DENR-FMB, BFAR	CLUP Guidebook Volume 1 - Step 8 CLUP Guidebook Volume 3
	Determine any innovative techniques or designs;	Innovative techniques, miscellaneous provisions and	Include other zone arrangements like tenurial agreements, foreshore lease, and permits to help in the management of lands and resources.	1. Provide technical input that can be integrated in the zoning arrangement considering	CLUP Guidebook Volume 1 - Step 8

	miscellaneous provisions; and mitigating measures to include variance and exception provision.	mitigating devices	- Special Use Agreement in Protected Areas - Integrated Forest Management Agreement (IFMA) - Foreshore Lease Agreement - Forest Land Use Agreement (FLUA) - Tenorial Instrument for small scale capture fisheries and aquaculture	the sustainable development aspects	
	Identify/ define provisions to administer and enforce ZO.	Administration and enforcement (Permitting system, designation and appointment of Zoning Officer, creation of Local Zoning Board)	Include LGU officers or representatives in the composition of members for LZBA (handling of appeals) and LZRC (review, evaluation and updating of CLUP/ZO), if applicable. Can also invite ICM experts and non-government organizations to join meetings as resource persons.	1. Provide technical inputs as regard to this section; 2. Be involved as an ICM Expert to join in the meetings	CLUP Guidebook Volume 1 - Step 8 CLUP Guidebook Volume 3
	Formulate other key provisions of the ZO.	Procedures for handling complaints; amendments, violation, and penalty, supplementary effect of other laws			

*ICM MOV for Step 8: Report on the Relevant Output and Checklist (Columns 3 and 4)*

### 1.9 Step 9. Conduct Public Hearing

Step 9: Conduct Public Hearing/ Consultation	Key Steps	Relevant Output	Checklist to ensure ICM mainstreaming	Technical Assistance Needed	Possible Source of Data and Information
	STAGE 1: Pre- public Hearing	Executive summary, feedback form, information flyers and posters	<p>Include technical agency representatives to support the LGU during the Public Hearing as member of the Public Hearing/Consultation Board (PHCB).</p> <p>Invite key ICM-identified stakeholders, such as fisherfolks, private resort owners, etc. during the Public Hearing/Consultation.</p>	<p>1. Suggest to LGUs to include/ invite the stakeholders identified in Step 2 (These stakeholders are ICM- identified stakeholders)</p> <p>2. Provide technical inputs as the DENR's expertise to the LGU</p>	CLUP Guidebook Volume 1 - Step 9
	STAGE 2: Public Hearing/Consultation	Public hearing	Include highlights/results of the terrestrial, coastal and marine assessment and profile, as well as the water use zones during the presentation and in the materials for the Public Hearing. Highlight its importance in sustainable resource use.	<p>1. Provide inputs/material to the LGUs during the presentation and in the materials for the public hearing</p> <p>2. Resource Person as ICM Expert during the public consultation</p>	CLUP Guidebook Volume 1 - Step 9

	STAGE 3: Committee Hearing	SP/SB Committee hearings with stakeholders	Include highlights/results of the ICM, as well as the water use zones during the presentation and in the materials for the Public Hearing. Highlight its importance in sustainable resource use.	1. Provide inputs/material to the LGUs during the presentation and in the materials for the public hearing 2. Resource Person as ICM Expert during the public consultation	CLUP Guidebook Volume 1 - Step 9
	STAGE 4: Post- Public Hearing	Consolidated comments and decisions on what will be incorporated			

*ICM MOV for Step 9: Report on the Relevant Output and Checklist (Columns 3 and 4)*

**1.10 Step 10. Review, Adopt, and Approve the CLUP and ZO**

Step 10: Review, Adopt, and Approve the CLUP and ZO	Key Steps	Relevant Output	Checklist to ensure ICM mainstreaming	Technical Assistance Needed	Possible Source of Data and Information
	Submit the final draft CLUP/ZO to the SB/SP, PLUC, RLUC, or HLURB for review and approval.	Required documents submitted			
	Conduct of review and approval of the CLUP/ZO by the SB/SP, PLUC, RLUC, or HLURB.	Adopted and enacted CLUP and ZO	<p>Include as additional member in the reviewing body, relevant agencies (national, regional, provincial levels) as technical resource persons during the review of the CLUP. DENR, DA should also provide inputs during the review as they are members of the reviewing bodies. A Parameters for Review for CLUPs and ZOs is provided under DHSUD MC 2021-04 that serve as a guide for technical agencies in the review.</p> <p>Note: It is suggested that technical agencies provide data and information during the plan preparation of LGUs so that these are already integrated during the</p>	<p>1. Provide technical inputs; 2. Guide/Refer to the concerned agencies and/or national policies on other topics/expertise</p>	<p>CLUP Guidebook Volume 1 - Step 10 DHSUD MC 2021-04 (<a href="https://dhsud.gov.ph/wp-content/uploads/Laws_Issuances/06_Memorandum_Circulars/2021/Memorandum_Circular_No.2021-004.pdf">https://dhsud.gov.ph/wp-content/uploads/Laws_Issuances/06_Memorandum_Circulars/2021/Memorandum_Circular_No.2021-004.pdf</a>)</p>

			formulation process rather than require these during the review process.		
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*ICM MOV for Step 10: Report on the Relevant Output and Checklist (Columns 3 and 4)*

**1.11 Step 11. Implement the CLUP and the ZO**

<b>Step 11: Implement the CLUP and ZO</b>	<b>Key Steps</b>	<b>Relevant Output</b>	<b>Checklist to ensure ICM mainstreaming</b>	<b>Technical Assistance Needed</b>	<b>Possible Source of Data and Information</b>
	Strengthen and build local institutional mechanisms	Approved Institutional Structure and Systems and Procedures	Include ICM relevant department/agencies/divisions in the institutional mechanisms for the implementation of the CLUP, particularly in permits and zoning implementation. Include capacity building programs to capacitate the said offices for the plan implementation.		CLUP Guidebook Volume 1 - Step 11
	Inform and educate	Information, Education and Communication (IEC) Plan /Advocacy			
	Establish inter-LGU partnership and/or co-management agreements	MoA, MoU with other LGUs, NGAs, etc.			



	Localize to barangay or community level.	Enhanced/ revised BDP	Incorporate ICM-related programs and projects in Local Investment Programs and other local implementing tools/mechanisms (ordinances, incentives, land value capture, etc.).		CLUP Guidebook Volume 1 - Step 11
	Other ways to implement the CLUP	CLUP implementation tools and instruments			

*ICM MOV for Step 11: Report on the Relevant Output and Checklist (Columns 3 and 4)*

**1.12 Step 12. Monitor and Evaluate**

<b>Step 12: Monitor and Evaluate</b>	<b>Key Steps</b>	<b>Relevant Output</b>	<b>Checklist to ensure ICM mainstreaming</b>	<b>Technical Assistance Needed</b>	<b>Possible Source of Data and Information</b>
	Organize a monitoring, review and evaluation (MRE) body.	MRE teams created/organized	Include ICM relevant offices in the MRE (DA-BFAR, NWRB, DENR-BMB, DOTr, DOT, etc.)	1. DENR Field Offices be part of the MRE Body	CLUP Guidebook Volume 1 - Step 12
	Develop MRE Systems and Procedures.	Monitoring systems and procedures, including benchmarks and indicators	Establish monitoring systems such as quality of life assessment, land use changes (water use zones), implementation of priority programs and projects and project implementation monitoring scheme.		CLUP Guidebook Volume 1 - Step 12
	Conduct actual MRE.	MRE results	Gather ICM-related monitoring and evaluation results from the established monitoring systems for assessment and evaluation.		CLUP Guidebook Volume 1 - Step 12
	Review CLUP and ZO for updating.	Proposed actions for the revision/updating of the CLUP and ZO			
	Submit the report	Action by Mayor, SB/SP			

*ICM MOV for Step 12: Report on the Relevant Output and Checklist (Columns 3 and 4)*

*ANNEX 2. Sample Letter to the LGU*

Date

Honorable: (Name of the Mayor)

Local Chief Executive

Name of the LGU:

Address:

Email:

Dear Honorable \_\_\_\_\_,

Isang makakalikasang araw!

Relative to the mandates of the Department of Environment and Natural Resources (DENR) to conserve, manage, develop and properly use the country's environment and natural resources, its Field Offices are extending Technical Assistance to the LGUs within their area of jurisdiction in any concerns related to the environment. As such, one of the priority programs of the DENR is the Coastal and Marine Ecosystems Management Program (CMEMP) which aims to address the drivers and threats of degradation of the coastal and marine ecosystems. This program uses the Integrated Coastal Management approach to holistically manage the ecosystems by looking at the interconnectivity of the activities from the ridges down to the coastal areas.

In addition, the DENR through its Biodiversity Management Bureau which is the implementer of CMEMP, consulted the Department of Interior and Local Government through its Bureau of Local Government Development (DILG-BLGD) and the Department of Human Settlement and Urban Development (DHSUD) to discuss the mainstreaming of the ICM Approach into the Comprehensive Land Use Plan (CLUP) as part of the rationalization of the planning system.

With this, this Office would like to commit our technical capabilities, available data and knowledge by being a member of the Technical Working Group on the development of your Comprehensive Land Use Plan. We are looking forward to receiving your invitation in the future TWG meetings.

Very truly yours,

Name of CENRO/PENRO

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### ANNEX 3. Monitoring Tool

This monitoring tool shall be used in order to monitor, assess and make an evaluation on the progress of the DENR Field Offices in Mainstreaming of ICM Approach into the CLUP.

INCEPTION PHASE			
Specific Activities	Means of Verification	Status (Done/To be accomplished)	Remarks (Gaps/issues/challenges/encountered)
Creation of DENR Regional Composite Team with clear-cut tasks and outputs	Special Order on the creation of DENR Regional Composite team Signed by the RED		
Mapping of river systems influencing to NIPAS-MPAs with LGU coverage	Maps of the River system influencing the NIPAS MPA		
Status of the LGU's Comprehensive Development Plan (CDP), Comprehensive Land Use Plan (CLUP), and Integrated Coastal Management Plan (ICMP) ( <i>i.e. adopted, for updating, draft</i> )	Filled-out form on the inventory of the status of CLUP, CDP and ICM plan		
Ground validation of inventoried river systems to identify key threats and issues and ENR Profiling	Ground-truthed maps and filled-out ENR profile form		
Notify the LGUs on the result of Inception Phase	Letter to the Local Chief Executive containing the findings and recommendations		
Identification of the LGU to be prioritized	Memorandum to the BMB Director containing the name of the LGU to be		

	prioritized based on the criteria for prioritization.		
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<b>MAINSTREAMING PHASE</b>			
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<b>Specific TA to be provided by the DENR/Role of DENR</b>	<b>MOV to be reported to BMB for the MnE under CMEMP</b>	<b>Status (Done/To be accomplished)</b>	<b>Remarks (Gaps/issues/challenges encountered)</b>
<p><b>Step 1. Organize</b></p> <p>DENR Field Office letter to the LGUs informing them of new direction of DENR on ICM TA support, and inquiry on LGUs plan to update their CLUPs; or</p> <p>Letter of Intent (LOI) from the LGU requesting for support from DENR Field Office on updating their plan</p>	<p>DENR Field Office Letter to LGUs (Annex 2) / LGU Letter of Intent</p> <p>Report of confirmation that the LGU is planning to update their CLUP</p>		
<p><b>Step 2. Identification of Stakeholders</b></p> <p>Express interest to the LGUs to be a member of the development team of CLUP / member of the organized team.</p>	<p>Meeting report with photo documentation (can be taken during the first meeting) if possible, or letter from the mayor indicating that the DENR is part of the TWG.</p>		
<p><b>Step 3. Vision Setting</b></p> <p>Provide descriptors / keywords related to ICM in the vision</p>	<p>Meeting report indicating the approved vision</p>		

<p>statement of the LGU.</p> <p>Provide inputs to the workshop on Vision-Reality Gap (VRG) if applicable</p>	<p>statement of the LGU (with photo documentation if possible), and inputs to the VRG</p>		
<p><b>Step 4. Analysis of Situation</b></p> <p>Provide data for the relevant ENR profile (as part of the Ecological Profile) using the following:</p> <p>BAMS/ BMS (assessment on terrestrial and coastal and marine habitats) present in the LGU.</p> <p>SEAMS/ SRPAO Water Quality</p> <p>Provide technical inputs in the sectoral studies (e.g. SWOT Analysis), environmental facts and figures.</p> <p>Provide watershed map / river systems map / Digital Elevation Model (DEM) of the LGU.</p> <p>Provide relevant shapefiles/data/information of the LGU.</p>	<p>Report on submitted documents or workshop documentation including inputs to the ENR profile (attach the provided maps and information submitted to the LGU)</p>		
<p><b>Step 5. Set the Goals and Objectives</b></p> <p>Provide ICM goals, objectives, and success indicators on the environmental</p>	<p>Report on submitted documents in the CLUP containing the ICM goals,</p>		

sector, and cross-cutting sectoral studies	objectives, success indicators		
<p><b>Step 6. Establish Development Thrust and Spatial Strategies</b></p> <p>Provide inputs/ analyses of watershed map / river systems map / Digital Elevation Model (DEM) and other relevant spatial strategies and tools of the municipality/city and consider the adjacent municipalities within the watershed to establish the development of thrusts and spatial strategies of the LGU.</p> <p>Watershed/ river basin analysis report and assessment to check for R2R approach and connectivity.</p>	<p>Report on development thrust and spatial strategies of the LGUs in consideration of the R2R approach, including the maps/data provided to the LGUs. This will also include watershed/river basin analysis and assessment.</p>		
<p><b>Step 7. Prepare the Land Use Plan</b></p> <p>Provide inputs/ analyses towards the development of LGUs' land and water use policies, and other spatial location policies/zones using the shapefile/ data/ information provided in Step 4:</p>	<p>Report on the submitted documents with appropriate attachments (Technical Description of the Land Use policy areas)</p>		

<p>Watershed (Forest, river basin) policies/zoning; Coastal and marine (Corals, seagrass, mangrove, mudflats, wetland) policies/zoning; Protected Area Management Zoning</p>			
<p><b>Step 8. Draft the Zoning Ordinance</b></p> <p>Check and provide inputs on the allowable, non-allowable uses, design regulations, DRR-CCA policies on the zones particularly those affecting the NIPAS protected areas and other conservation areas such as but not limited to coastal and land conversion projects e.g. infrastructure projects, telecommunication facilities, and extractive industries.</p>	<p>Draft ZO incorporating the inputs provided (coordinate to the LGU to secure a copy)</p>		
<p><b>Step 9. Conduct Public Hearing</b></p> <p>Participate in the public hearing</p>	<p>Participation (Attendance Sheet) with meeting report and photo documentation</p>		
<p><b>Step 10. Review, Adopt and Approve the CLUP and ZO Ordinance</b></p> <p>Participate in the</p>	<p>Participation</p>		



review of CLUP and Zoning Ordinance	(Attendance Sheet) with meeting report and photo documentation		
<b>Step 11. Implement the CLUP and ZO</b>  Secure a copy of the draft SB Resolution Adopting the Implementation of the ICM-responsive CLUP	Minutes of Meeting of the discussion of the Resolution Adopting the Implementation of the ICM-Responsive CLUP		
<b>Step 12. Monitor and Evaluate the CLUP and ZO</b>  Participate in Environmental Management Council meetings with the LGUs	Participation (Attendance Sheet) with meeting report and photo documentation		

### SUSTAINED PHASE

The following criteria is required to categorize that the CLUP of LGU is already ICM-responsive, to wit:

1. Legal basis adopting the updated CLUP with ICM elements;
2. A Monitoring and Evaluation Plan developed by the LGU to assess the effectivity of identified ICM-related strategies outlined in the CLUP;
3. State of the Coast report of the LGU submitted to the DENR
4. Documented ICM best practices using any format and/or platform available (*i.e.* print, digital media)
5. Regular updating of the ICM-responsive CLUP; and
6. Replication of the process of mainstreaming to the adjacent LGUs.