



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

OCT 11 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region
1515 L&S Bldg, Roxas, Blvd.,
Ermita, Manila

THRU : The ARD for Technical Services

FROM : The OIC, PENR Officer

SUBJECT : **QUARTERLY REPORT ON THE TARGET ACTIVITIES UNDER COASTAL AND MARINE RESOURCES/AREAS SABLAYAN-CALINTAAN MARINE PROTECTED AREAS NETWORKING (SaCa MPAN) AS WELL AS THE TECHNICAL ASSISTANCE TO LOCAL GOVERNMENT UNITS (LGUs) AND VERDE ISLAND PASSAGE (VIP)**



Forwarded is the memorandum dated October 6, 2022 of CENRO Sablayan regarding monthly report of the Conservation and Development Section (CDS) on the different activities based on the approved CY 2022 Work and Financial Plan such as Sablayan-Calintaan Marine Protected Areas Networking (Sa-Ca MPAN), including the 3rd Executive Committee Meeting conducted on September 15, 2022.

Likewise, the Technical Assistance to LGUs on Orientation activity for Sablayan has been conducted last August 5, 2022. Also, last October 6, 2022 we coordinated with the staff of Provincial Planning Development Office of the Province of Occidental Mindoro regarding consultation workshop for the localization of its Enforcement and Management Plan tentatively set on the last week of October 2022.

For Means of Verification (MOVs) of the aforementioned activity provided is the link (bit.ly/CSby-CDS-MPAN).

Attached are other pertinent documents relative to the above-mentioned activity.

For information and record.

ERNESTO E. TAÑADA

TSD-CDS10/10/2022

Copy furnished:

1. Planning Section
2. File

So. Pag-asa, Brgy. Payompon, Mamburao, Occidental Mindoro
Email: penroocemin@denr.gov.ph



Republic of Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

October 6, 2022

MEMORANDUM

FOR : The OIC, PENR Officer

THRU : The Chief, Technical Services Division
The Planning Officer

FROM : The CENR Officer

SUBJECT : **QUARTERLY REPORT ON THE TARGET ACTIVITIES UNDER COASTAL AND MARINE RESOURCES/ AREAS SABLAYAN-CALINTAAN MARINE PROTECTED AREAS NETWORKING (Sa-Ca MPAN) AS WELL AS THE TECHNICAL ASSISTANCE TO LOCAL GOVERNMENT UNITS (LGUs) AND VERDE ISLAND PASSAGE (VIP)**

RECORDED
Date: 10-16-22
By: [Signature]

Respectfully forwarded is the consolidated monthly report of the Conservation and Development Section (CDS) on the different activities based on the approved CY 2022 Work and Financial Plan (WFP) such as the Sablayan-Calintaan Marine Protected Areas Networking (Sa-Ca MPAN), including the 3rd Executive Committee Meeting conducted on September 15, 2022. Likewise the Technical Assistance to LGUs on the Orientation activity for Sablayan has been conducted last August 5, 2022. The Technical Assistance-Verde Island Passage on the consultation workshop for the localization of its Enforcement and Management Plan is tentatively set on the last week of October 2022.

To access the electronic copies of our Means of Verifications (MOVs) for the activities conducted, kindly visit the link provided (bit.ly/CSby-CDS-MPAN).

For information, record and evaluation.

RECORDS

RECEIVED BY: [Signature]

DATE: 10/6 TIME: _____

RELEASED BY: _____

DATE: _____ TIME: _____

FOR. ANASTACIO A. SANTOS, MPA

PENRO

RECEIVED BY: [Signature]

DATE: 10-06-22 TIME: 04:08

TSD

RECEIVED BY: [Signature]

DATE: 10-07-22 TIME: 9:50



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

October 5, 2022

MEMORANDUM

FOR : The CENR Officer
THRU : The Deputy CENR Officer
FROM : The Chief, Conservation and Development Section
SUBJECT : **QUARTERLY REPORT ON THE TARGET ACTIVITIES UNDER THE MANAGEMENT OF COASTAL AND MARINE RESOURCES/ AREAS**

Please be informed that the Conservation and Development Section (CDS) has conducted the following activities per target activity;

- **Technical Assistance to Local Government Units (LGUs)**
 - Conducted the Orientation to the Local Government Unit of Sablayan with regards to the Biodiversity Management Bureau (BMB) Technical Bulletin No. 2022-02 or the Guide in Mainstreaming the Integrated Coastal Management (ICM) Approach to the Local Government Units Comprehensive Land Use Plan (CLUP) with report submitted to PENRO as of August 20, 2022.
- **Sablayan-Calintaan Marine Protected Areas Networking (Sa-Ca MPAN)**
 - Conducted the 3rd Quarter Executive Committee Meeting last September 15, 2022 at Calintaan, Occidental Mindoro (See attached Minutes of meeting and geo-tagged photos).
 - Presented the edited SaCa MPAN Manual of Operations wherein minimal comments have been given by Exe Com members.
 - Attended the Marine Protected Area Network (MPAN) Consultation Workshop last September 19-23, 2022 at Selah Garden Hotel wherein during the conduct of the said activity the SaCa MPAN roadmap has been revised and submitted.
- **Technical Assistance to LGUs- Verde Island Passage (TAs-LGUs VIP)**
 - Result of the reef check conducted by the office of the Provincial Planning and Development Office (PPDO) was sent to this office. The same data has also been uploaded in the shared folder.
 - Currently, we are in communication with the PGO and LGUs for the schedule of the Verde Island Passage Law Enforcement Network (VIP)




Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

LEN) Localizatn workshop that is tentatively scheduled on the last week of October 2022..

Also, to access the electronic copies of our Means of Verifications (MOVs) for activities under Coastal and Marine Resources/ Areas kindly click the link (bit.ly/CSby-CDS-MPAN).

For information, evaluation and record.


ALVIN E. SANICO



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

August 19, 2022

MEMORANDUM

FOR : The CENR Officer
THRU : The Deputy CENR Officer
FROM : CENR Officer
SUBJECT : ACCOMPLISHMENT REPORT ON THE CONDUCTED
ACTIVITY PROVIDING TECHNICAL ASSISTANCE TO
LOCAL GOVERNMENT UNITS ON THEIR RESPECTIVE
INTEGRATED COASTAL MANAGEMENT (ICM) PLAN

Respectfully submitted herewith is the Accomplishment Report of the Conservation and Development Section (CDS) under Coastal and Marine Resources/ Areas particularly the conduct of Technical Assistance for Integrated Coastal Management.

Please be informed that the CDS office has conducted an orientation to some LGU Sablayan personnel especially those that are involved in the drafting/ updating of their Comprehensive Land Use Plan (CLUP) and Integrated Coastal and Marine Resources Management (ICM) Plan. This activity was also attended by DENR PENRO and CENRO Sablayan personnel.

Attached are the geo-tagged photos, activity report, copies of the presentation, and other pertinent documents.

For information, evaluation, and record.


ALVIN E. SANICO



**ACTIVITY REPORT ON THE ORIENTATION TO THE MAINSTREAMING THE
INTEGRATED COASTAL MANAGEMENT (ICM) APPROACH TO THE LOCAL
GOVERNMENT UNITS COMPREHENSIVE LAND USE PLAN**

1. List of Attendees

DENR

Anastacio A. Santos	Noriel M. Dulatre
Emiliza A. Calabio	Jebiel Petalcorin
Isaías A. Guimod	Ferdinand B. Magno
Alvin E. Sanico	Marlon C. Cortez
Reynaldo A. Daño	Dennis E. Feratero
Merlie Barrera	Pamela M. Marcelino
Joseph M. Mateo	Angelica D. Flores
Ronie Alpajaro	

LGU-SABLAYAN

Luzviminda C. Alto
Robert P. Duquil
Luis B. Corpuz
Harold C. Rapajon
Joel M. Ordenes
Jinky Joy G. Andrade
Joselito Tiongson
Suzette N. Añasco
Kim C. Alto

2. Date and Venue

The orientation was held at Palayok ni Jing Restaurant and Catering Services, Brgy. Buenavista, Sablayan, Occidental Mindoro on August 5, 2022, it started at 9:00 am with a prayer led by MENRO Robert P. Duquil followed by National Anthem thru an Audio-Visual presentation.

3. Welcome Remarks and Message

Welcome remarks were given by CENRO Anastacio A. Santos, he emphasized the importance of the activity especially for both the LGU and the DENR. He emphasize the economic importance of our coastal areas, factors affecting our coastal areas like solid waste management in connection in the effects of climate change. He also added the ridge to reef approach that should be practice/ incorporated in all the plans and programs of both agencies.

A short message was also shared by MPDC Luzviminda C. Alto wherein she highlighted the importance of the activity to LGU Sablayan she also stated that the LGU is very thankful that the DENR has chosen Sablayan as the pilot LGU in which the said policy will be implemented, she also added that the policy to be discussed will much helpful as they will be updating their Comprehensive Land and Water Use Plan (CLWUP), Forest Land Use Plan (FLUP) and in drafting/ updating their Integrated Coastal and Marine Resource Management Plan (ICMRP) for 2023.

4. Roll Call

Forester Alvin E. Sanico Chief Conservation and Development Section started the roll call on the participants.

2 4



5. Orientation Proper

Engineer Ronnie Alpajaro from DENR MIMAROPA Region particularly from CDD CRFMS started the event by asking if the LGU will make ICM Plan? The LGU personnel answered yes and that it is scheduled next year.

Engineer Alpajaro presented and explained the principles that form the foundation of ICM practice, delineating the ICM Operational Boundary. Engr. Alpajaro presented a sample table with the basic data that has been previously filled out by the LGU was reviewed.

During the review, some of the data were updated particularly in the column of the name of major river/s wherein Pasugui, Alipid and Busuangan rivers were added and are for ground validation activity to be conducted. To further visualize the river systems PMF Noriel M. Dulatre shared a GIS Map that was overlaid using Google earth application the map also includes the location of all the Locally Managed Marine Protected Areas (LMMPAs) within the Municipality of Sablayan.

The discussion continued to the ICM Program Development and Implementation Cycle of the program which mirrors the 12 step CLUP Process.

ICM Program Cycle	CLUP Guidelines by the DHSUD
Preparing/ Site profiling /SOC baseline Coordinating mechanism	Organizing
	Stakeholders Identification
Initiating/ Prioritization of Management Issues	Visioning
	Analysis of situation
Developing/ Formulation of strategies and action plans	Setting Goals and Objectives
	Establish Development thrusts and spatial strategies
	Prepare Land Use Plan
	Draft the Zoning Ordinance
Adoption	Conduct Public Hearing
	Review, Adopt and Approve the CLUP and ZO
Implementation	Implement the CLUP and ZO
Refining and Consolidation/ Monitoring, evaluation and reporting	Monitor and evaluate the CLUP and ZO

LGU representatives are then asked if they are aware of the above cycle of the CLUP process and they said that they are aware especially those who are part/ members of the CLUP TWG of the LGU and that the activity will capacitate them in incorporating the BMB Technical Bulletin for the updating of their CLUP and ICM.

The discussion continues and the ICM Mainstreaming into the CLUP, Integrated Coastal Management Framework for Sustainable Development of the Coastal and Marine Environment and Resources specifically the Thirty-five (35) core indicators on ICM CLUP was discussed.



Republic of Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

1. Coastal profile/ Environmental risk assessment	19. Areal extent of habitats and heritage
2. Coastal strategy and action plans	20. Protected areas for coastal habitats and heritage
3. Local government development plan, including coastal and marine areas	21. Reclamation and conversion
4. Coordinating mechanism	22. Water conservation and management
5. Participation of stakeholders in the coordinating mechanism	23. Access to improve water source
6. ICM enabling legislation	24. Incidences/deaths due to waterborne diseases
7. Administration and monitoring of compliance to legislation	25. Fishery management plan and implementation
8. Environmental cases filed/resolved	26. Fisheries production
9. Public education and awareness	27. Malnutrition rate
10. Stakeholder participation and mobilization	28. Poverty, education and employment
11. Availability/accessibility	29. Livelihood programs
12. Human resource capacity	30. Management plans
13. Budget for ICM	31. Water quality
14. Sustainable financing mechanism	32. Air Quality
15. Level of preparedness for disasters	33. Sanitation and domestic sewerage
16. Degree of vulnerability	34. Municipal solid waste
17. Social and economic losses due to disasters	35. Industrial, agricultural and hazardous wastes
18. Habitat management plan and implementation	



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Engr. Alpajaro discussed each of the above core indicators and LGU representative commented that some of the indicators are not included/ needs updating since their CLUP which is very timely for the scheduled activity next year. MPDC Alto asked if that the core indicators need to be arrange in the same manner that Engr. Alpajaro has presented and Engr. Alpajaro answered added that they may rearrange the 35 core indicators depending on their preference.

After the presentation and some questions being entertained the meeting ended.

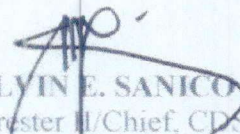
6. Adjournment

The Orientation ended at 12:50 pm.

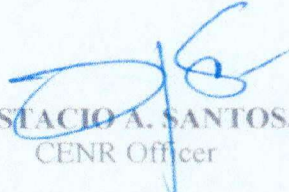
Prepared by:


MARLON C. CORTÉZ
Forest Technician I

Checked and Reviewed:


ALVINE E. SANICO
Forester II/Chief, CDS

Noted:


FOR. ANASTACIO A. SANTOS, MPA
CENR Officer



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
MIMAROPA REGION
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES

Orientation to the Mainstreaming the Integrated Coastal Management (ICM) Approach to
the Local Government Units Comprehensive Land Use Plan (CLUP)

August 5, 2022

No.	NAME	POSITION/DESIGNATION	OFFICE	AGE	SEX		CONTACT NO.	SIGNATURE
					MALE	FEMALE		
1	WALIMINOS C. AND	MPDC	MPDO	63			09178023442	
2	SINETE M. ARASCO	ADMIN. ASST.	MPDO	40			09457092413	
3	HAROLD C. RAPASON	PDO I	MPDO	28			0994 024 6007	
4	KIM C. ALTO	PA III	MENIND	25			09453042080	
5	ALBERT P. BERNAL	MPDO	LEG-MENIND	54			09158110236	
6	LUIS B. ORTIZ	PO II	MPDO	53			09182215128	
7	JOSEPH M. MARTIN	ECOMS I	GENRO Sbg	33			09159198530	
8	REYNALDO A. DANA	ECOMS II	GENRO Sbg	62			09176309425	
9	ENRIQUE A. CALABLO	FOR. III	DRIVE OFFICE	49			0994 403 1461	
10	NORME M. GALLERIA	Rank Philippine Forum	MENIND	42			09158793666	
11	JOEL M. ORDANES	Agri I	OPH	43			09101107054	
12	JIMMY JOY C. ANDRADO	Agro I	OPH	29			09090211282	
13	ISAIAS A. GILMERO	FOR. III	GENRO-SBY	63			09168219290	
14	ANASTASIO A. SANTOS	GENRO	GENRO-SBY	59			09176387344	
15	NORIEL DURANTE	PMF	PERHO	29			09957468589	
16	MARLON C. GARCIA	FTI	GENRO SBY	29			09358984230	
17	FRANCIS ALPAJANO	Engr II	DRIVE Pujawan	32				
18	JOSUE WILSON TRONILSON	DMT - DENR	MENIND	52			09110950961	



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
MIMAROPA REGION
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES

Orientation to the Mainstreaming the Integrated Coastal Management (ICM) Approach to
the Local Government Units Comprehensive Land Use Plan (CLUP)

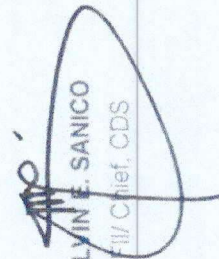
August 5, 2022

No.	NAME	POSITION/DESIGNATION	OFFICE	AGE	SEX		CONTACT NO.	SIGNATURE
					MALE	FEMALE		
19	JEBIEUA CARLA PETALCORIN	SNS II /	MGB	25		/	09488763812	
20	Flore Aybike	FPD	Central SGY	30		/		
21	Muriel Barroza	For. II	Central SGY	49		/	09669470069	
22	FEDERACION R. MAGNO	PM FOREMAN	Central SGY	47			09156689185	
23	ALVIN E. SANICO	FM/CHIEF, CRS	Central SGY	28	/		0919 301/1615	
24	PERNELL E. FERNANDES	FM/CBS	CSBY	40	-		0977-797-0316	
25	Pamela M. Marcilino		CSBY	27		/		
26								
27								
28								
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7

Name of Province	City or Municipality (Indicate whether Coastal or Landlocked)	Name of Major River System	Name of Receiving body of water	Name of Protected Landscape and Seascape (PLS)
Occidental Mindoro	Sablayan (C)	Amnay, Patrick, Mompong, Pasugui, Alipid and Busuangan River	Mindoro strait	Apo Reef Natural Park, 10 LMMPAS

Consolidated by:

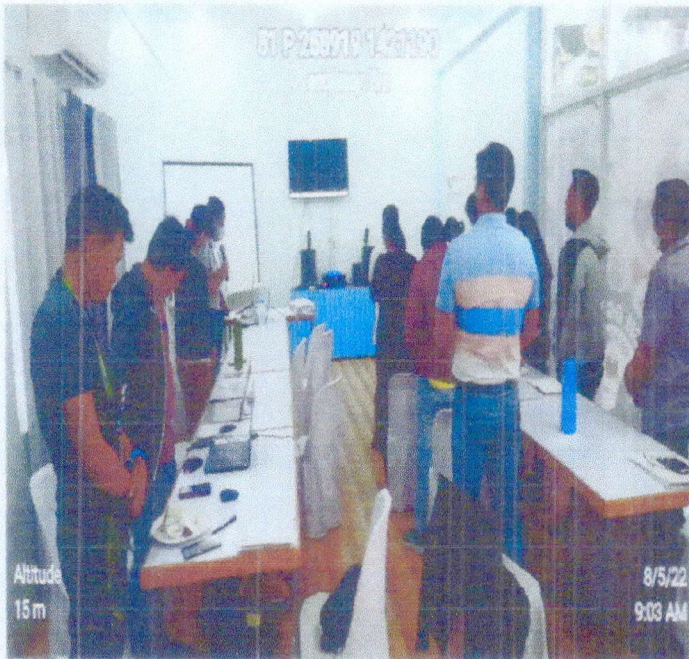

 ALVIN E. SANICO
 III/ Chief, CDS

Status of ICM Plan (indicate whether Adopted (A), Currently updating (C), Actively implementing (I))	Duration of ICM Plan	Status of CLUP Indicate whether Adopted (A), Currently updating (C), Actively implementing (I)	Duration of CLUP	Status of CDP	Remarks
ICM Plan for updating, Locally Managed Marine Protected Areas (10 Locally Managed MPAs with 10 adopted Management plans), ARNP has updated PAMP (2021-2031).	2017-2023	A, I	2015-2042	A (For updating 2022 revised)	Three (3) additional river system for ground validation, CLUP for updating in 2023 together with the ICM.

Noted:

FOR. ANASTACIO A. SANTOS, MPA
CENR Officer

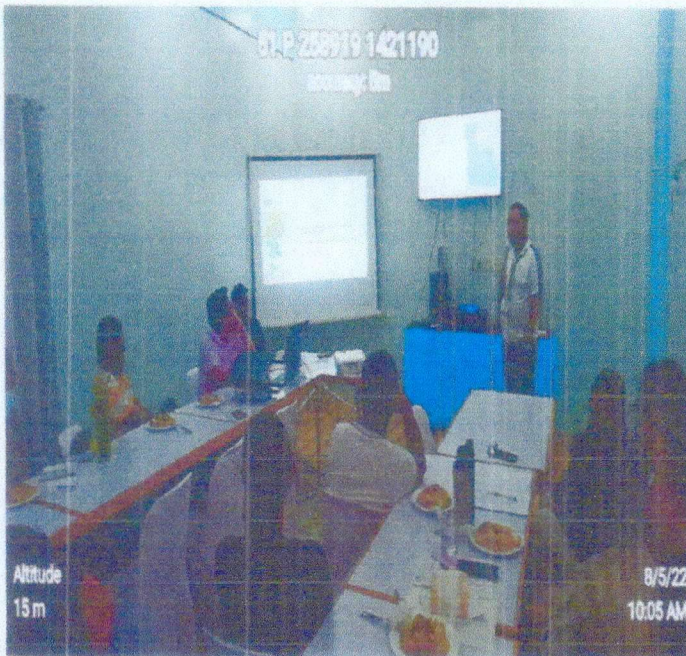
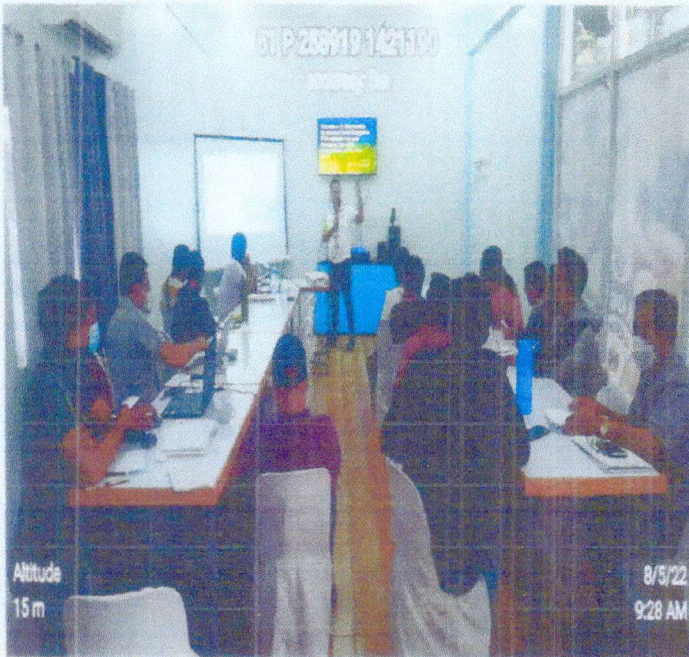
PHOTO DOCUMENTATION



Geo-tagged photos showing CENRO Anastacio A. Santos giving his opening remarks (lower left) and MPDC Luzviminda C. Alto during her opening message (lower right)

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PHOTO DOCUMENTATION



Geo-tagged photos showing the orientation proper



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

June 13, 2022

HON. ANDRES D. DANGEROUS
Municipal Mayor
Sablayan, Occidental Mindoro

ATTN: **MR. ROBERT P. DUQUIL**
MENR Officer

RECORDED

Date: 6-13-22
By: 9

Dear Mayor Dangerous,

Greetings of Peace!

This DENR CENRO Sablayan has a target activity under the Coastal and Marine Resources particularly in assisting the Local Government Units (LGUs) in crafting their Integrated Coastal and Marine Resources Management Plan which entail discussions/workshops with regards to the existing policies.

In this connection and considering the data currently available, we are proposing the municipality of Sablayan as our target area for this year. With this may we request a confirmation letter from your office if you will accept our proposal to be our host municipality for the said activity.

Should there be queries regarding the said activity, kindly contact Mr. Alvin E. Sanico our Conservation and Development Section thru his phone number at +63917-301-1615.

Thank you very much. More power and God bless.

Very truly yours,

FOR. ANASTACIO A. SANTOS, MPA
CENR Officer



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

June 25, 2022

HON. WALTER B. MARQUEZ
Municipal Mayor
Sablayan, Occidental Mindoro

ATTN: **MR. ROBERT P. DUQUIL**
Municipal Environment and Natural Resources Officer

MS. LUZVIMINDA C. ALTO
Municipal Planning and Development Coordinator

MR. REYNALDO FACTOR
Municipal Agricultural Officer

Dear Mayor Marquez,

Greetings of Peace!

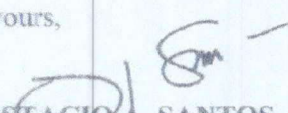
The DENR CENRO Sablayan has a target activity under the Coastal and Marine Resources particularly in assisting the Local Government Units (LGUs) in crafting their Integrated Coastal and Marine Resources Management Plan which entails orientation/discussions with regards to the existing policies. For this year, considering the data currently available, this Office had chosen the municipality of Sablayan to assist in the said target activity.

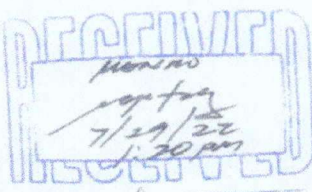
Relative hereto, may we invite you or your designated representative together with the Municipal Environment and Natural Resources Officer (MENRO), Municipal Planning and Development Coordinator (MPDC), Municipal Agricultural Officer (MAO) and three (3) of their personnel to attend the *Orientation on the Mainstreaming the Integrated Coastal Management (ICM) Approach to the Local Government Units Comprehensive Land Use Plan (CLUP)* to be held on August 5, 2022, at 8:00AM (with breakfast). The venue will be at Palayok ni Jing, Brgy. Buenavista, Sablayan, Occidental Mindoro.

Should there be queries regarding the said activity, kindly contact Mr. Alvin E. Sanico, Chief, Conservation and Development Section thru his mobile (+63917-301-1615).

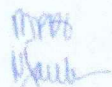
Thank you very much. More power and God bless!

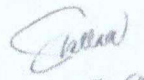
Very truly yours,

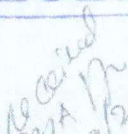

FOR. ANASTACIO A. SANTOS, MPA
CENR Officer



National Road, Brgy. Sto. Niffo, Sablayan, Occidental Mindoro
E-mail: cenrosablayan@denr.gov.ph


7-29-22
1:28 PM


7-29-22


7/29/2022

Mainstreaming of ICM to CLUP

ROYEE E. ALPAJARO

1

Definitions

Integrated Coastal Management

An approach to managing a **defined coastal area** that understands the coast as a complex and dynamic system that encompasses strong interactions between **physical and ecosystems**, and must be managed as an **integrated whole**.

Utilizes coastal use zoning/integrated land and sea use zoning/integrated land and water use zoning, marine spatial planning as tools for allocating available **resources, land and water resources and spaces** to various land and water use activities and functions in consideration with the state of the ecosystem, consistent with the **shared vision**, socio-cultural and economic values of the society and **sustainable development goals**.

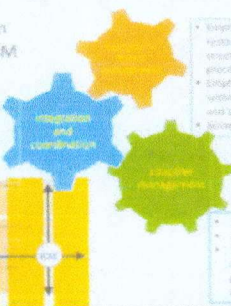
Refers to the **proactive and** natural resource and environmental ERM framework which employs an integrative, holistic management approach and an interactive planning process in addressing the complex management issues of the coastal and marine areas, and the major goal of which is to attain sustainable coastal development, including the maintenance of the **functional integrity** of ecosystems through **effective coastal and ocean governance**.



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Principles that form the foundation of ICM practice

- Functional integration (cross-sectoral/inter-sectoral)
- Policy integration (vertical/horizontal)



- Large focus on the protection and restoration of ecosystem structure, function and key processes
- Emphasizes the connectivity within and between systems (land and sea)
- Interconnected planning

- Learning by doing
- Learning from others
- Knowledge building to act in the face of uncertainty, with changes and gradual interventions and changes in policy, institution

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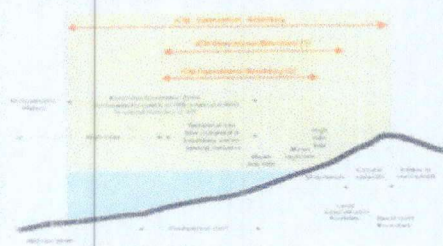
Defining the ICM Operational Boundary

Spatial boundary for ICM - R2R

- Landward: where watershed or catchment basin
- Seaward: 12 miles (200 nmi EEZ)

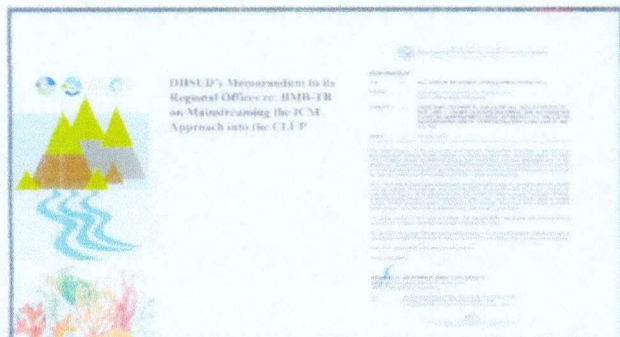
Operational boundary

- Landward: administrative boundaries or activity jurisdiction
- Seaward: 2 nmi (territorial waters) or 12 nmi (exclusive economic zone) or 200 nmi (continental shelf)

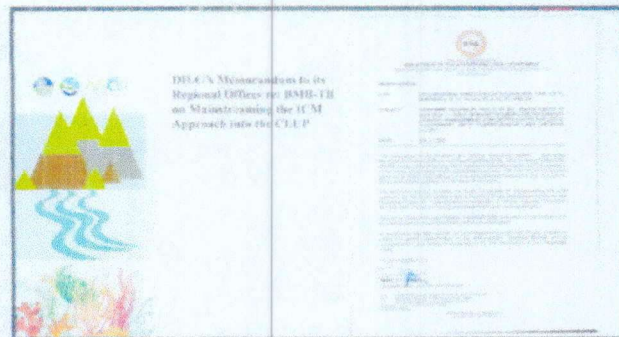


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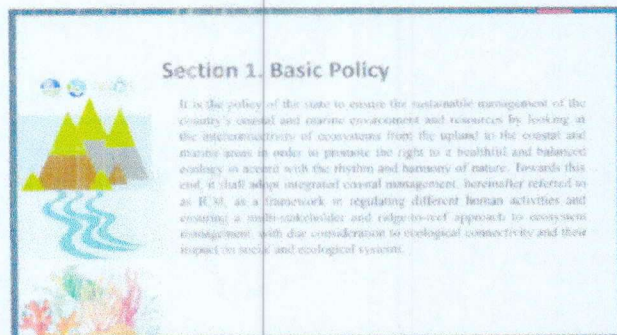
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Section 2. Objective

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 Development's (DHSUD's) 12-step CLUP development planning process.

13




Section 3. Scope and Limitation

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 DA's 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 5.

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.

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Section 4. Definition of Terms

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

1. Adaptation	13. Municipal Waters
2. Biological Diversity or Biodiversity	14. Other effective Area-based Conservation Measures (OECMs)
3. Climate change	15. State of the Coast Reporting System
4. Coastal area or zone	16. Watershed
5. Comprehensive Local Use Plan (CLUP)	17. Zoning
6. Ecosystem services	
7. Integrated Coastal Management (ICM)	
8. Integrated Coastal Management Plan (ICMP)	
9. Interconnectivity	
10. Legislated Marine Protected Area	
11. Mainstreaming in CLUP	
12. Marine Areas	

15



Section 5. ICM Mainstreaming into the CLUP

This section illustrates the process 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 Initiation Phase
5.2 Mainstreaming Phase
5.3 Sustained Phase

16

9 4

Section 5. ICM Mainstreaming into the CLUP

5.1 Inception Phase

1. Creation of DENR Regional Composite Tools with climate risk and integrate
2. Mapping of river systems following to NIPAS-ABRs with CLUP coverage
3. Status of the LGU's Comprehensive Development Plan (CDP), Comprehensive Land Use Plan (CLUP), and Integrated Coastal Management Plan (ICMP)
4. Conduct validation or consultation river systems to identify key threats and issues and PMR tracking
5. Notify the LGU (via the results of the Inception Phase)
6. Identification of LGU to be prioritized for ICM mainstreaming following these criteria:
 - a. Number of river systems and severity of consequences of threats and challenges
 - b. Status of CDP plan
 - c. Status of CLUP
 - d. LGU Partnership
 - e. Availability and accessibility of data

17

Section 5. ICM Mainstreaming into the CLUP

5.2 Mainstreaming Phase into the 12-step CLUP Guidelines by the DHSUD

1 Organize

- Informing of new direction of DENR on ICM TA support
 - Inquiry on LGU plan to update their CLUPs or
 - LGU requests support from DENR Field Office
- DENR Field Office Letter to LGUs or Report of Confirmation on LGUs CLUP update
LGU Letter of Intent

18

Section 5. ICM Mainstreaming into the CLUP

5.2 Mainstreaming Phase into the 12-step CLUP Guidelines by the DHSUD

2 Identification of Stakeholders

- Expression of interest to the LGUs
 - Membership to the development team of CLUP
- Meeting report with documentation, or Letter from the mayor indicating that the DENR is part of the TWG

19

Section 5. ICM Mainstreaming into the CLUP

5.2 Mainstreaming Phase into the 12-step CLUP Guidelines by the DHSUD


3 Vision Setting

- ICM related descriptors / keywords provided for LGU vision statement
 - Inputs to Vision-Reality Gap (VRG) workshop provided, if applicable
- Meeting report indicating: Approved vision statement of the LGU
Inputs to VRG

20

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Section 5. ICM Mainstreaming into the CLUP
5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DHS/D



4
Analysis of Situation


Data for ENR Profile Provided:

- BAMS/BMS present
- SEANIS/SRPAD/ Water Quality
- Technical inputs in sectoral studies, environmental facts and figures
- Watershed maps / river systems map / Digital Elevation Model
- Relevant shapefiles/data/information

Report on submitted documents; or Workshop documentation Inputs to ENR profile

21

Section 5. ICM Mainstreaming into the CLUP
5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DHS/D




5
Set the Goals and Objectives

- ICM goals, objectives, and success indicators on the environmental sector
- Cross-cutting sectoral studies

Report on submitted documents in the CLUP containing:
ICM goals
Objectives
Success Indicators

22

Section 5. ICM Mainstreaming into the CLUP
5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DHS/D




6
Establish Development Thrust and Spatial Strategies

- Inputs / analysis of relevant spatial strategies and tools
- Consider adjacent municipalities within the watershed
- Watershed/river basin analysis report and assessment to check for R2R approach and connectivity

Report on strategies of the LGUs in consideration of the R2R approach, including:
Maps/data provided to LGUs
Watershed/river basin analysis and assessment

23

Section 5. ICM Mainstreaming into the CLUP
5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DHS/D



7
Prepare the Land Use Plan

Inputs / analyses on policies/zoning using information from Step 6


- Watershed (Forest, river basin)
- Coastal and Marine (Corals, seagrass, mangrove, mudflats, wetland)
- Protected Area Management Zoning

Report on documents with appropriate attachments (Technical Description of the Land Use policy areas)

24

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Section 5. ICM Mainstreaming into the CLUP
5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DBSUD



8
Draft the Zoning Ordinance


Check and provide inputs on:

- Allowable, non-allowable uses;
- Design regulations;
- DRR-CCA policies on the zones;
- Other conservation areas (i.e., coastal and land conversion projects)

Draft ZO incorporating the inputs provided

25

Section 5. ICM Mainstreaming into the CLUP
5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DBSUD




9
Conduct Public Hearing

Participate in the public hearing

Participation (Attendance Sheet)
Meeting report
Photo documentation

26

Section 5. ICM Mainstreaming into the CLUP
5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DBSUD




10
Review, Adopt and Approve the CLUP and ZO

Participate in the Review of the approved CLUP and ZO

- Participation (Attendance Sheet)
- Meeting report
- Photo documentation

27

Section 5. ICM Mainstreaming into the CLUP
5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DBSUD



11
Implement the CLUP and ZO

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

28

5 4

Section 5. ICM Mainstreaming into the CLUP

5.2. Mainstreaming Phase into the 12-step CLUP Guidelines by the DENR

12

Monitor and Evaluate the CLUP and ZO

Environmental Management
Council meetings with the LGUs

Participation (Attendance Sheet)
Meeting report
Photo documentation

29

Section 6. Implementation Arrangements

The implementation of this TH 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-sustaining CLUP shall be the mandate of the Local Government Units per Local Government Code of 1991.

30

Section 6. Implementation Arrangements

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 governing bodies (See Section 5 for the TA, and Section 7 for the considerations for prioritization).
3. Monitor the progress of TH in the mainstreaming of ICM and provide progress reports with recommendation.
4. Provide capacity development support to LGU in the mainstreaming of ICM, contingent on trainings and capacity needs assessment by the DENR BMR.
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 MCOFC.

31

Section 6. Implementation Arrangements

6.2 PENRO

1. Provide technical assistance to the CENRO in mainstreaming ICM to the LGU's CLUP.
2. Provide capacity development support to CENRO in the mainstreaming of ICM, contingent on trainings and capacity needs assessment by the DENR BMR.
3. Monitor and evaluate reports submitted by the CENRO and provide recommendations.
4. Consolidate CENRO reports with actions taken and recommendations, and submit to WRD bi-annual progress report and
5. Be actively involved as a member of Provincial Land Use Committee (PLUC).

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Section 6. Implementation Arrangements

6.3 Regional Office (RO)

1. Provide technical advice to the DENROs and PENROs in mainstreaming ICM to the LGUs CLUP.
2. Provide capacity development support to DENROs 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 be actively involved as a member of the Regional Land Use Committee (RLUC).

33

Section 6. Implementation Arrangements

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 FOs and provide analysis and recommendations; and
5. Submit Annual National Progress Report to the Secretary of DENR in mainstreaming ICM to LGUs CLUP.

34

Section 7. Monitoring and Assessment

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

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Section 8. Funding

The DENR BMB and Field Offices shall allocate necessary funding to support the execution of the ICM under the DMO-2016-28.

Section 9. Separability Clause

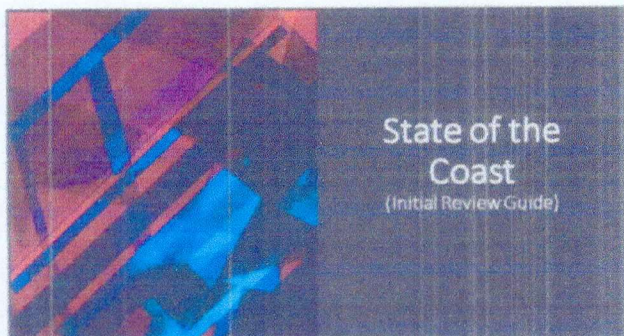
If any provision of this ICM shall be held invalid or unconstitutional, the other portions or provisions hereof which are not affected shall continue in full force and effect.

Section 10. Effectivity

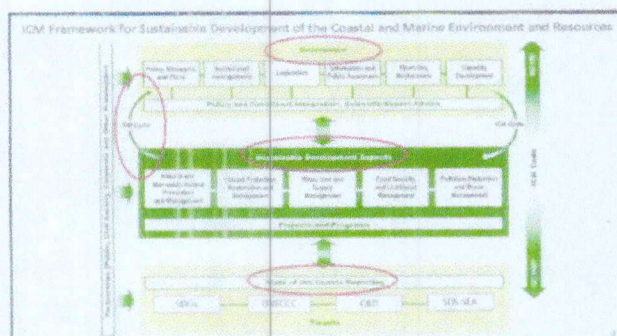
This Order shall take effect immediately and shall be provided for information and guidance of all concerned offices.

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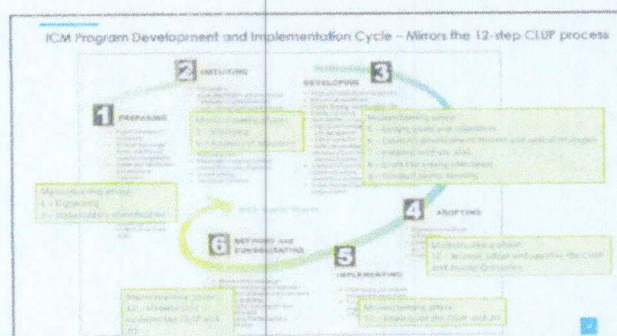
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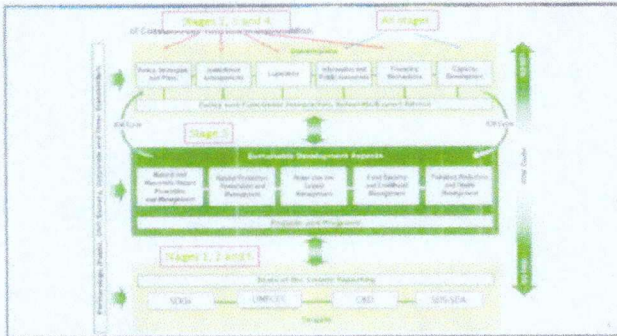


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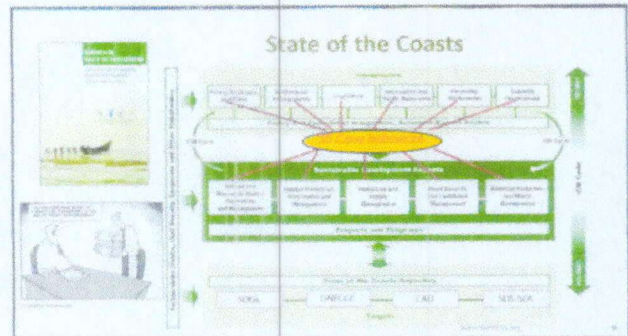


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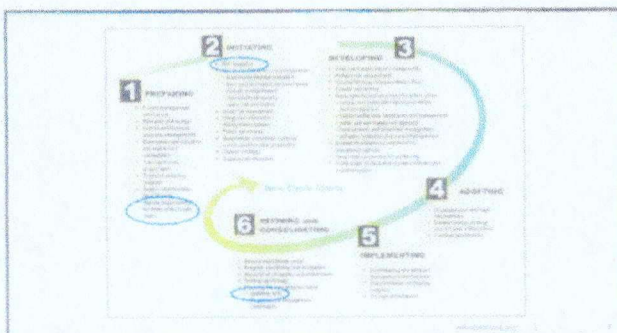
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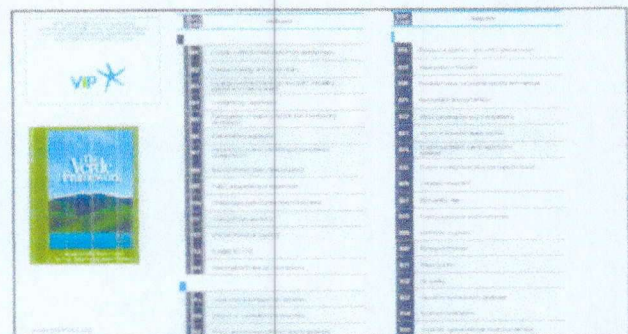
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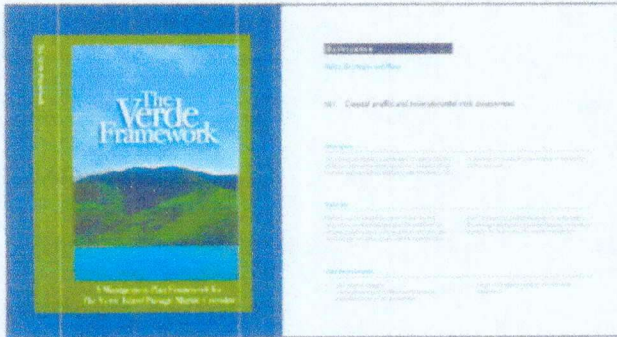


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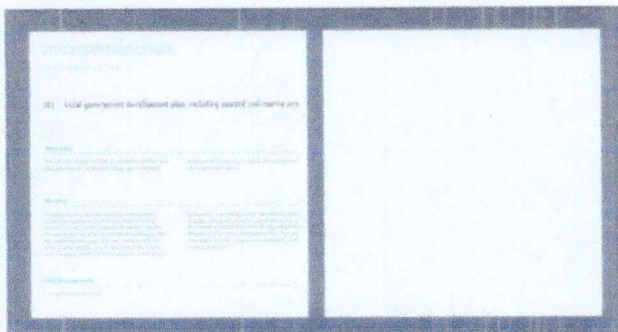
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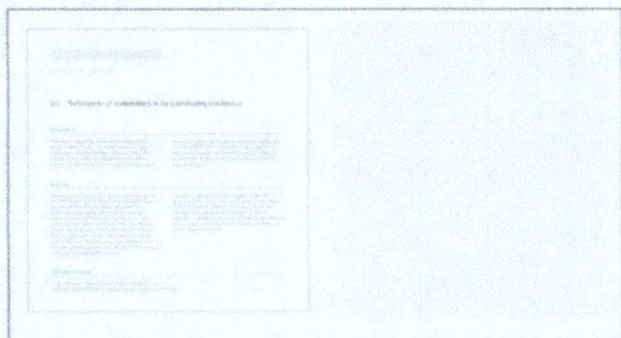


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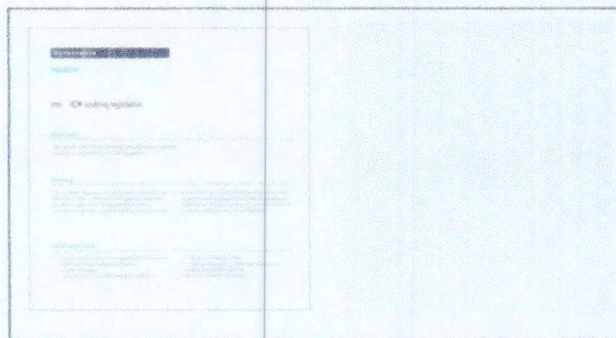


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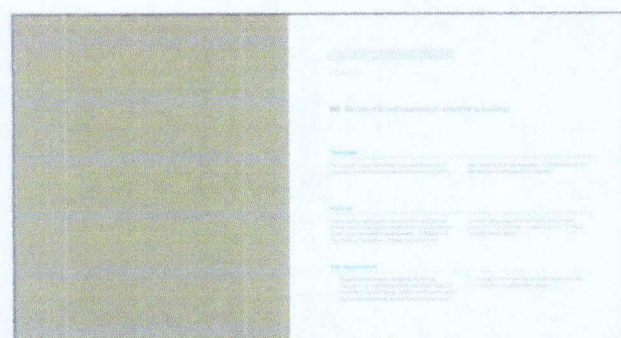
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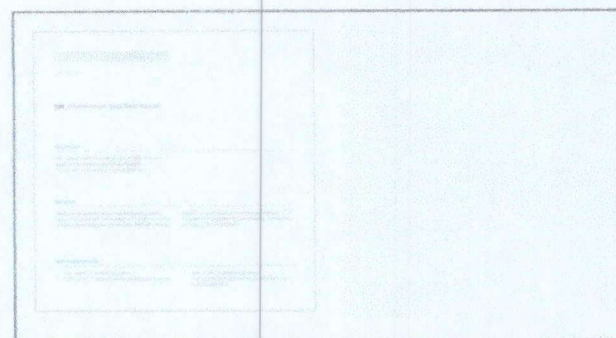
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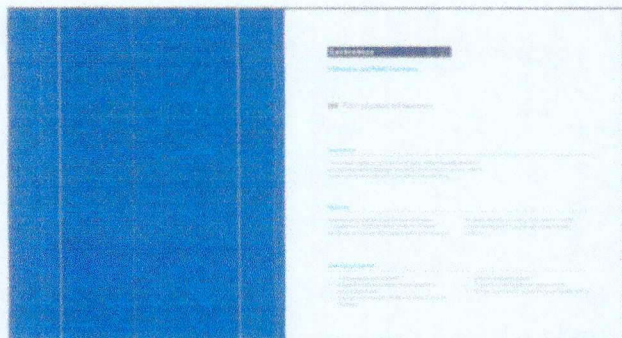


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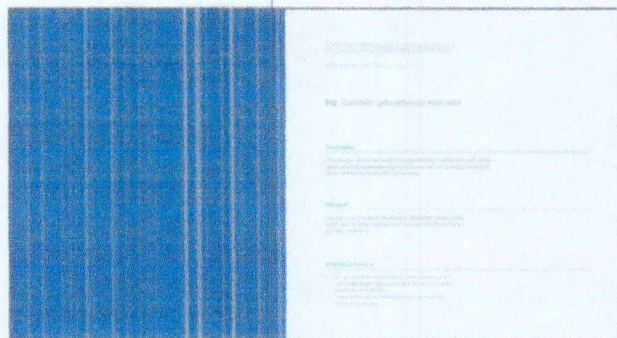


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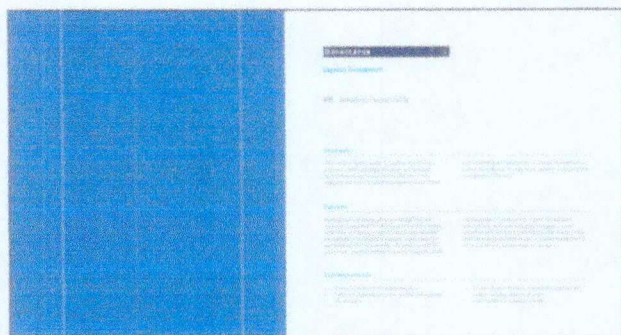
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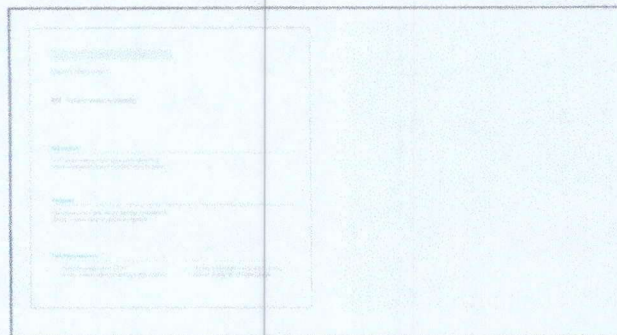
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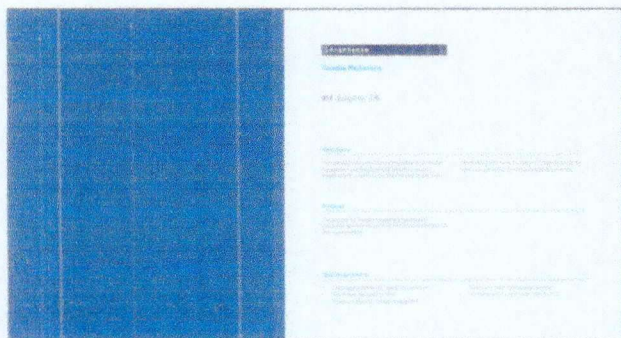


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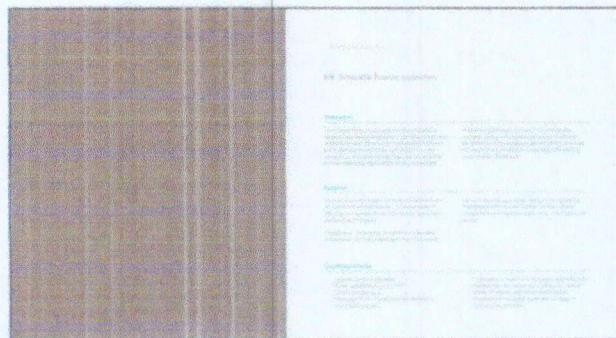


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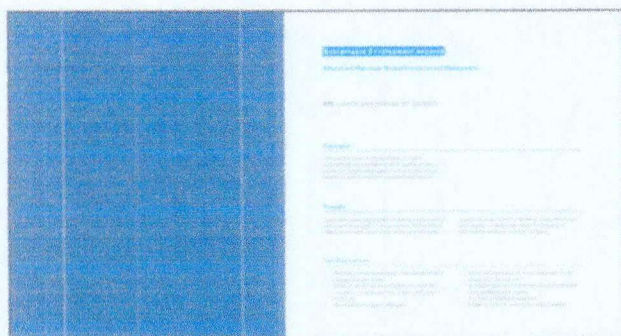
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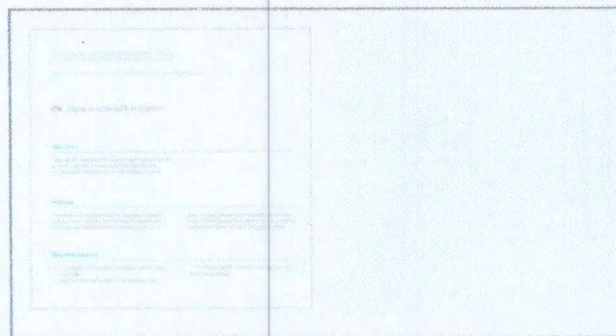
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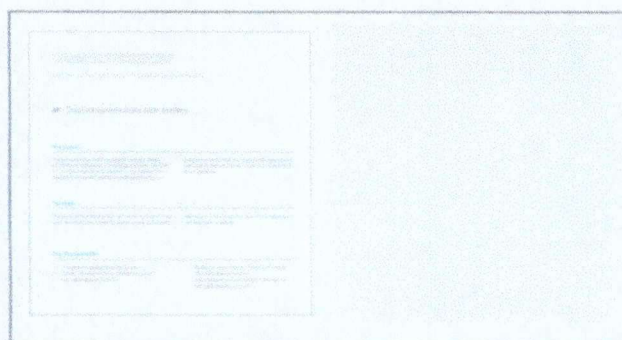


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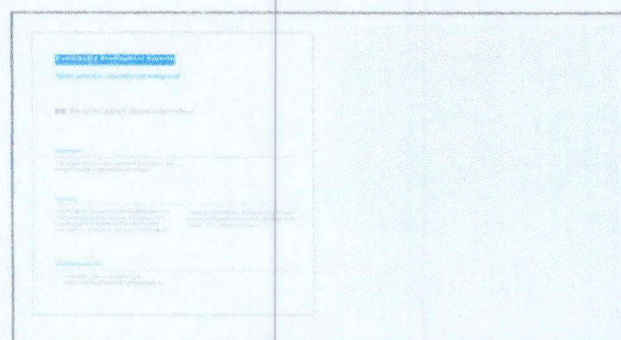


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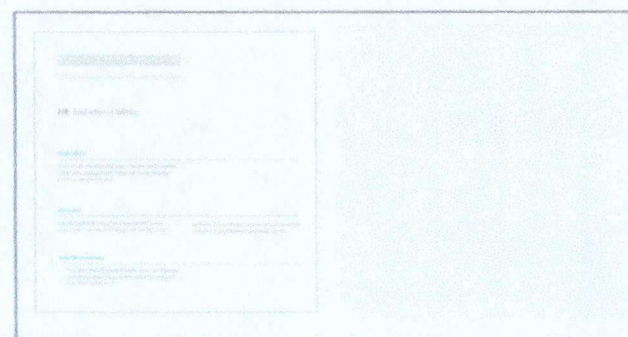
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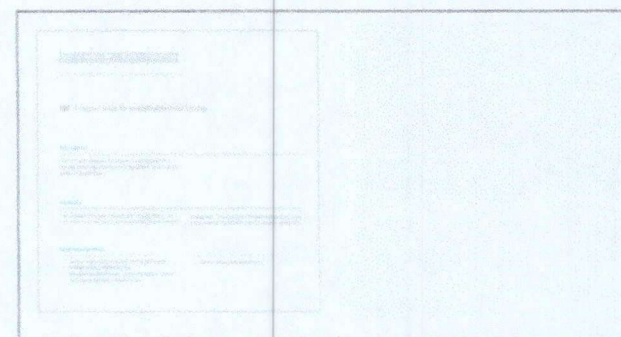
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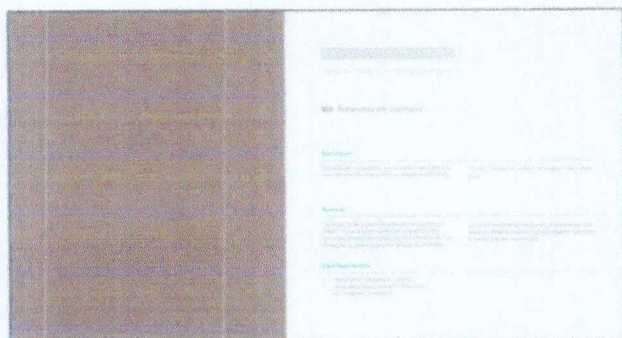


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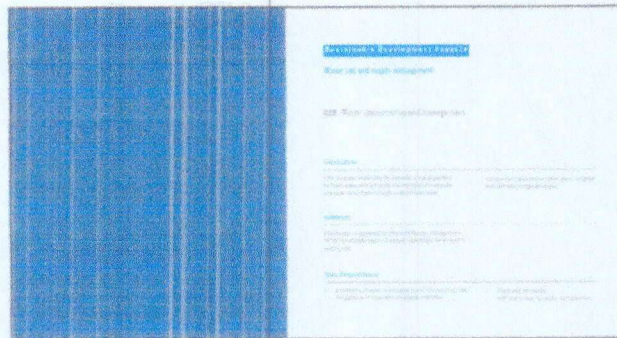


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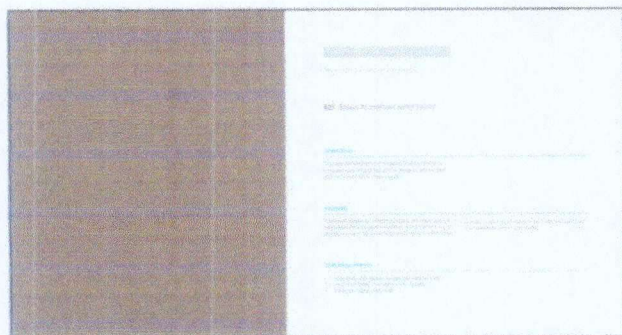
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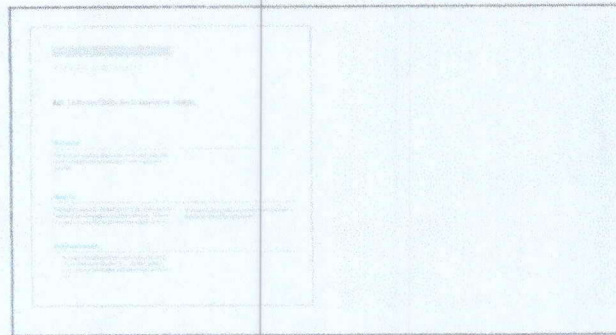
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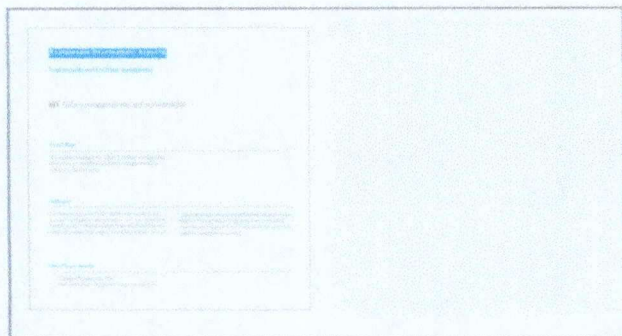


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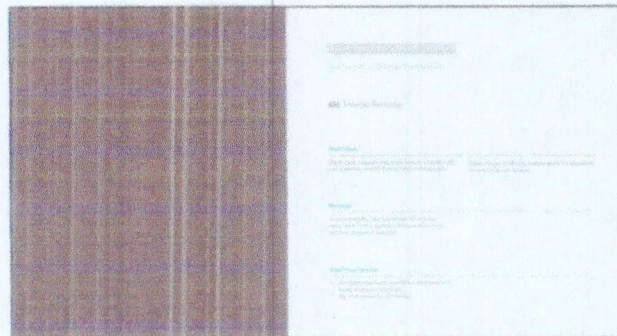


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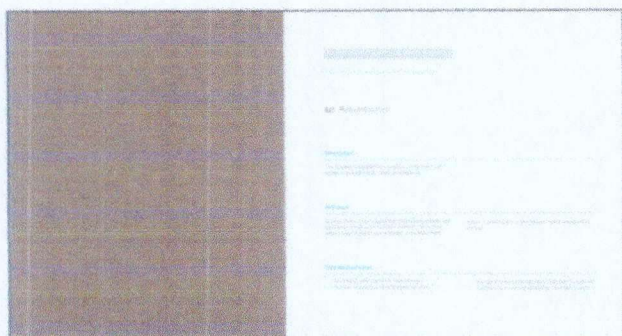
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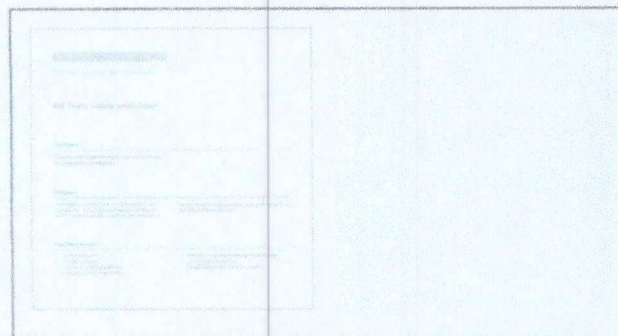
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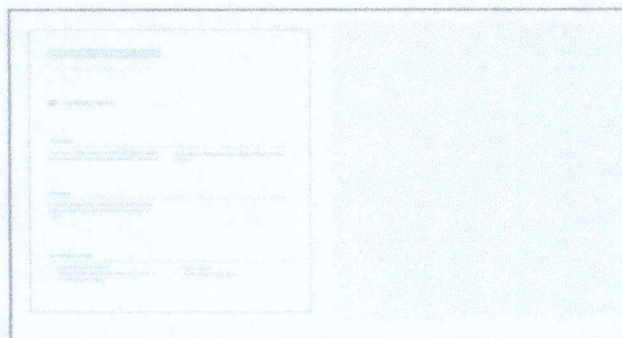


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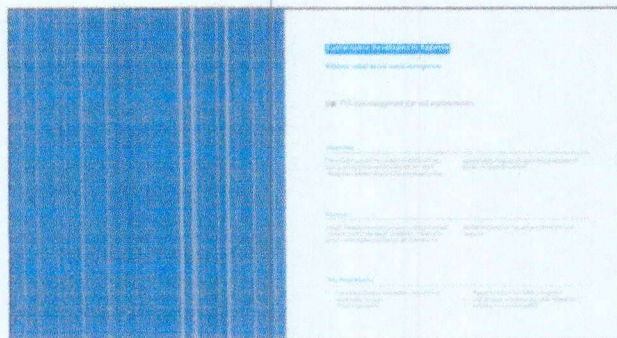


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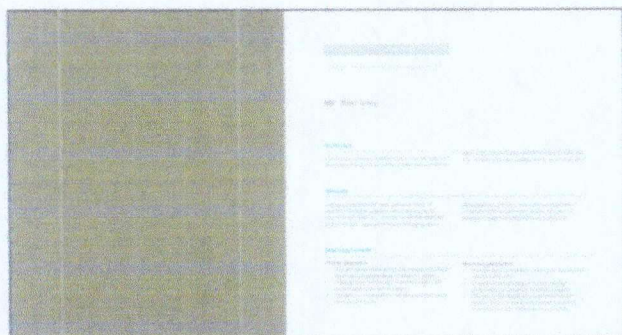
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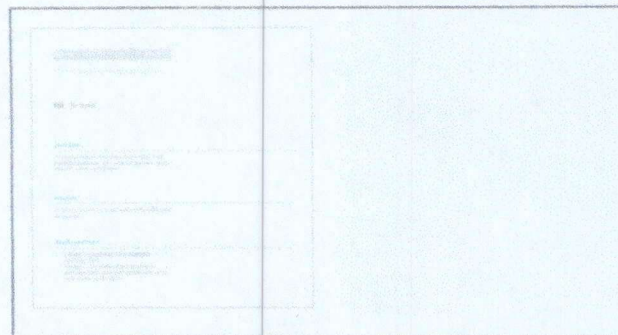
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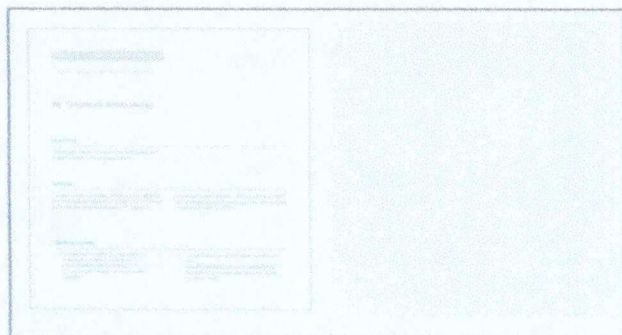


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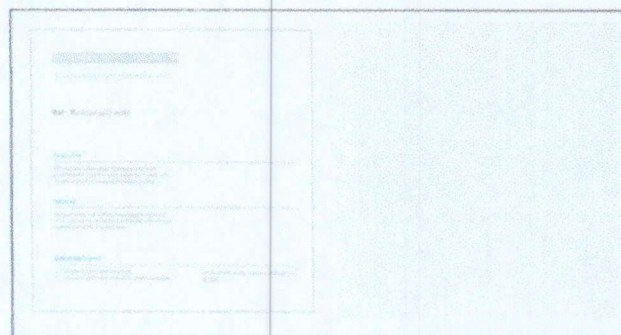


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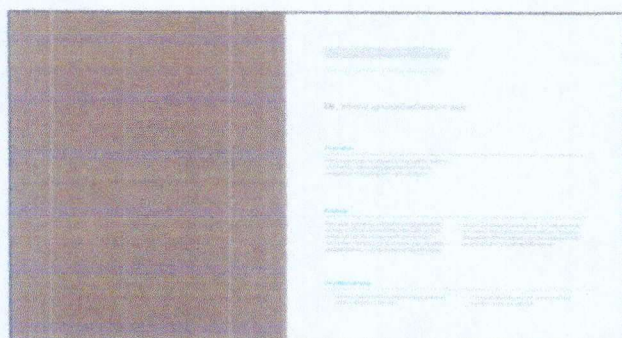
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Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

August 22, 2022

HON. WALTER B. MARQUEZ

Municipal Mayor
Sablayan, Occidental Mindoro

ATTN: **MR. ROBERT P. DUQUIL**
Municipal Environment and Natural Resources Officer

MPDC LUZVIMINDA C. ALTO
Municipal Planning and Development Coordinator

Dear Mayor Marquez:

Greetings of Peace!

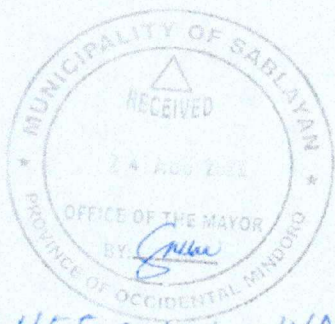
This is in relation to the result of the orientation activity for the mainstreaming of the Integrated Coastal Management (ICM) Plan approach to the Local Government Units (LGUs) Comprehensive Land Use Plan (CLUP) last August 5, 2022.

During the said activity some of the data must be acquired from the LGU and some are for updating. The data needed are particularly for the status of the ICM Plan based on the core indicators specified. We will appreciate very much if you can provide the data needed before September 7, 2022.

Attached herewith are the data requirement in tabular forms that need to be acquired/updated and other pertinent documents.

Thank you very much. More power and God bless.

Very truly yours,



0910 455 6436 - LYN

MPDC
N. Alto
8/24/22
(043) 458 9909 - Hot line

FOR. ANASTACIO A. SANTOS, MPA
CENR Officer

CHECKLIST OF DATA AND MAP REQUIREMENTS FOR ENR PROFILE

ENR Parameters	Data Requirements	Map Requirements	Status (Present/Absent)
Geography	Total Land area, area by barangay No. of barangays and sitios Relative Location Absolute location Number of barangays and sitios Boundaries with respect to the province	Topographic Map, Cadastral maps, tax maps Provincial map Administrative Map	
Geology and Geomorphology	Major geologic structures Land formation Slope stability Landslide potential Hazard potential Areas within fault lines	Geologic Map Geomorphic or Landform Map	
Topography, Slope Aspect and Elevation	General topography of the area Slope Slope Aspect Elevation	Topographic Map Slope Map Slope Aspect Map Elevation Map	
Soils	Type of soils Soil type characteristics Area coverage of soil type Land capability classes Characteristics of land capability Classes Area coverage of land capability Classes basis for capability classification soil erosion	Soil Map Land Capability Map Soil Suitability Map Soil Erosion Map	
Drainage, tributary patters and catchment areas	Types of drainage pattern Drainage Density Name and location of drainage Basins	Drainage Map	
Land Classification and Regulatory Status	Types of land classification and Regulatory status Total land area of: Certified A & D land Unclassified forestland Classified forestland as Established forest reservation Established timberland National parks Reservations covered by Proclamations, DENR projects, other protected areas Games refuge & bird sanctuary Protected Areas	Land Classification and Regulatory Map Legal Status Map	

CHECKLIST OF DATA AND MAP REQUIREMENTS FOR ENR PROFILE

	<p>Civil reservations Fishpond Number, location and land area of the ff: Timber license agreements Pasture permits and leases Industrial tree plantations Tree farm lease Agroforestry farm lease Stewardship contracts Other licenses, permits and leases</p>		
Land Use/Cover	<p>Existing land use and extent of coverage</p> <p>Agriculture: highly restricted conditionally</p> <p>restricted for conversion areas marginal to agriculture Areas suitable to agricultural expansion and the recommended crops or activities for each area</p> <p>Forest: old growth forest secondary forest mossy agroforestry reforestation Protected areas Tourism areas Residential Commercial Institutional Industrial Utilities Infrastructure</p>	<p>Land Use Map (general and urban) Vegetation Cover Map Protected Areas for Agriculture Map</p> <p>Key Production Areas Map</p>	
Land Ownership Pattern	<p>Average area of landholding by type of land use List landowners with landholdings 10 hectares and above</p>	<p>Location map of large landholdings</p>	
Mineral Resource and Reserves	<p>Type and location of deposits Type and location of mining sites Mineral resources surveys</p>	<p>Mineral Location Map</p>	
Natural Disasters	<p>Occurrences of earthquake Occurrences of landslides Occurrences of volcanic eruptions Occurrences of floods Occurrences of droughts</p>	<p>Typhoon Prone Areas Map Floodprone Areas Map Faultlines</p>	

CHECKLIST OF DATA AND MAP REQUIREMENTS FOR ENR PROFILE

Location and Extent of Surface Freshwater Bodies	Type, location & extent of the following	Water Resources Map	
	Lakes and rivers Reservoirs	Hydrologic Map Map Showing River	
	Main irrigation canals Wetlands	Map Showing Actual Stream Quality	
Location and Extent/Size of Marine and Coastal Resources	Location & extent of the following	Fishpond Resources Map	
	Marine and coastal resources Wetlands Seagrass Coral reefs Fishpond resources	Coastal Resources Map	
General Groundwater Information	Water Table Location of wells and springs Aquifer recharge & discharge rates Groundwater yield Groundwater quality	Groundwater Map Groundwater Well Logs	
Water Use and Regulation	Water usage of springs and surface water by the population		
Watershed Importance	Important uses of the watersheds		
Surface Water/Stream Conditions	Water quality Sedimentation Surface water runoff rate Streamflow variations		
Prevailing Tidal Fluctuations	Tidal fluctuations Tide gauging stations		
General Climate Type	General climate type Rainfall Air temperature Wind velocity Wind patterns Relative humidity Soil & water evaporation rates		
Air Quality	Sulfur dioxide content of the atmosphere Carbon dioxide content of the atmosphere		
Biodiversity/Vegetation/F flora of the following ecosystems:			
Forest Grassland	Species composition as to endemic species, introduced species, endangered species medical species and species of	Vegetation Cover Map Aerial Photographs	

CHECKLIST OF DATA AND MAP REQUIREMENTS FOR ENR PROFILE

Lakes & rivers Coastal	species distribution Species diversity Distribution of vegetation types Standing crop Rate of biomass production Ecological species indicators Commercially valued species			
Biodiversity/Fauna of the following ecosystems: Forest Grassland Cropland/agricultural Urban Lakes & rivers Coastal	Species composition as to endemic species, introduced: species, endangered species: migratory species of scientific and aesthetic interest Population densities and Distribution Species diversity Biomass production/ productivity Ecological/species indicators Commercially valued species			
Bacteria and Fungi	Beneficial bacteria and fungi Harmful bacteria and fungi			
Dumpsites & Sewerage Systems	No. and location of dumpsites Rate of solid waste generation Type of solid waste mgt system Type, no. and location of	Location Map of dumpsites Sewerage Layout		
	sewerage and waste disposal systems			
ENR Cooperatives and NGOs	Type, name, address & type of services of cooperatives Name, address and services of NGOs			
Ancestral Domain	Location of and classification of tribal group residing in ancestral domain Conflicting land claims land uses and issue over ancestral domain	Ancestral Domain Map		
Legal Institutional Jurisdiction of Natural Resources	Institutional jurisdiction of government agencies over natural resources			
Legislation on ENR planning, development and management	National, provincial and municipal legislations on environment and natural resources relevant to the LGU			
Plans, programs and projects	Copies of provincial and municipal ENR development and management plans and program/project profiles			



Republic of the Philippines
DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT
DILG-NAPOLCOM Center, EDSA cor. Quezon Avenue, West Triangle, Quezon City
www.dilg.gov.ph

MEMORANDUM

FOR : DILG REGIONAL DIRECTORS OF REGION NCR, CAR, I, II, III, MIMAROPA, V, VI, VII, VIII, IX, X, XI, XII, AND XIII

SUBJECT : DENR-BMB TECHNICAL BULLETIN NO. 2022-02 DATED 10 MAY 2022 – "GUIDE IN MAINSTREAMING THE INTEGRATED COASTAL MANAGEMENT (ICM) APPROACH TO THE LOCAL GOVERNMENT UNITS' COMPREHENSIVE LAND USE PLAN (CLUP)"

DATE : JUN 21 2022

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The Department of Environment and Natural Resources (DENR) – Biodiversity Management Bureau (BMB) issued Technical Bulletin No. 2022-02 dated 10 May 2022 entitled *Guide in Mainstreaming the Integrated Coastal Management (ICM) Approach to the Local Government Units' Comprehensive Land Use Plan (CLUP)* to provide guidance to DENR Field Offices on extending technical assistance (TA) to LGUs on formulation and/or updating of ICM responsive CLUPs.

The Technical Bulletin provides the three (3) phases of mainstreaming the ICM approach into the CLUP 12-step process: Inception Phase, Mainstreaming Phase, and Sustained Phase; the implementation arrangement of Central, Regional, Provincial, and City ENR offices; monitoring and assessment; and, funding allocation.

To apprise LGUs of the said initiative, the DENR-BMB requested for the assistance of the Department in disseminating the said Technical Bulletin.

In response to the said request, all DILG Regional Directors are hereby directed to cause the widest dissemination of the above-subject Technical Bulletin and its Annexes within your areas of responsibility for the information of your respective LGUs.

For appropriate action.


MARLO L. PANGAN,
Undersecretary for Local Government

Enc: DENR-BMB Technical Bulletin No. 2022-02 dated 10 May 2022
CC: OIC Director Natividad Y. Bernardino, DENR – BMB
OIC Director Mylene A. Rivera, DHSUD – ELUPB
Reference Number: OUSLG-2022-06-14-003
BLGD/AFB/LDPD/kcd

"Matino, Mahusay at Masasahan"
Trunkline No. 8876-34-54



MEMORANDUM

TO : ALL DHSUD REGIONAL OFFICE DIRECTORS/ OICs

FROM : Assistant Secretary for the Bureaus and
OIC – Office of the Secretary

SUBJECT : DENR-BMB TECHNICAL BULLETIN NO. 2022-02 DATED 10
MAY 2022 – “GUIDE IN MAINSTREAMING THE INTEGRATED
COASTAL MANAGEMENT (ICM) APPROACH TO THE LOCAL
GOVERNMENT UNITS’ COMPREHENSIVE LAND USE PLAN
(CLUP)”

DATE : 11 July 2022

The Department of Environment and Natural Resources (DENR) – Biodiversity Management Bureau (BMB) issued Technical Bulletin No. 2022-02 dated 10 May 2022 entitled *Guide in Mainstreaming the Integrated Coastal Management (ICM) Approach to the Local Government Units’ Comprehensive Land Use Plan (CLUP)* to provide guidance to DENR Field Offices on extending Technical Assistance to LGUs on the formulation and/or updating of ICM – responsive CLUPs.

The Technical Bulletin was developed with DHSUD’s support and guidance to DENR through series of meetings and consultations. It provides the three (3) phases of mainstreaming the ICM approach into the CLUP 12-step process: Inception Phase, Mainstreaming Phase, and Sustained Phase. The Technical Bulletin also provides details on the implementation arrangement of Central, Regional, Provincial, and City ENR offices; monitoring and assessment and funding allocation.

To guide LGUs of the said initiative, the DENR-BMB requested the Department’s assistance in disseminating the said Technical Bulletin.

All DHSUD Regional Offices are hereby directed to cause the widest dissemination of the above-subject Technical Bulletin and its Annexes within their areas of jurisdiction.

For your information and appropriate action.

Very truly yours,

MELISSA A. ARADANAS, DMD, EnP, CESO II
Assistant Secretary for the Bureaus and
OIC – Office of the Secretary

Encl: DENR-BMB Technical Bulletin No. 2022-02 dated 10 May 2022
CC: OIC Director Natividad Y. Bernardino, DENR – BMB
Undersecretary for Local Government Mario L. Irgan, DHSUD

