

Republic of the Philippines
National Economic and Development Authority
MIMAROPA Region

REGIONAL LAND USE COMMITTEE

REFERENCE FOLDER

Third Quarter Meeting
17 August 2022
Calapan City (Online)

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Republic of the Philippines
REGIONAL DEVELOPMENT COUNCIL
MIMAROPA Region

REGIONAL LAND USE COMMITTEE
Second Quarter Meeting
June 29, 2022 Calapan City (Online)

MINUTES OF THE MEETING

ATTENDANCE

Present

Represented by

RLUC Officers

- | | |
|-------------------------------|------------------------------------|
| 1. EnP. Agustin C. Mendoza | NEDA MIMAROPA and RLUC Chairperson |
| 2. Mr. Apollo Edwin S. Pagano | NEDA MIMAROPA and RDC Secretary |
| 3. EnP. Sheryll B. Sarabia | NEDA MIMAROPA and RLUC Secretary |

Regional Directors of National Government Agencies

- | | | |
|---------------------------------|----------------------|---------------------------------|
| 4. Dir. Antonio G. Gerundio | DA MIMAROPA | Ms. Rein Marie R. Mendoza |
| 5. Atty. Marvin V. Bernal | DAR MIMAROPA | Ms. Lea Colon |
| 6. Dir. Lormelyn E. Claudio | DENR MIMAROPA | For. Cesar P. Odi |
| 7. Dir. Julius Ervin O. Enciso | DHSUD MIMAROPA | Ms. Marione Comboy |
| 8. Dir. Wilhelm M. Suyko | DILG MIMAROPA | Ms. Sidney Pamela M. Bejasa |
| 9. Dir. Cheryl C. Ortega | DICT Luzon Cluster 3 | Engr. Norly A. Tabo |
| 10. Dir. Ma. Josefina P. Abilay | DOST MIMAROPA | Mr. Aaron Esclamado |
| 11. Dir. Gerald A. Pacanan | DPWH MIMAROPA | Engr. Nilo Jazon L. Triviño |
| 12. Dir. Joel B. Valera | DTI MIMAROPA | ARD Rudy Mariposque |
| 13. Atty. Beviene G. Malateo | DOT MIMAROPA | |
| 14. USec. Ruben S. Reinoso | DOTr | Mr. Christopher Floyd Querijero |

Guests

- | | |
|-----------------------------------|-------------------------|
| 15. Ms. Ma. Lourdes T. Pagtalunan | DOTr |
| 16. For. Jonas Paolo Saludo | DENR MIMAROPA |
| 17. Arch. Ray C. Guarnes | DHSUD MIMAROPA |
| 18. Mary Ann Lacson | DICT Luzon Cluster 3 |
| 19. Mr. Arnel Morales | Marinduque PPDO |
| 20. EnP. Lydia Muñeca S. Melgar | Oriental Mindoro PPDO |
| 21. Mr. John Paul A.C Ramos | Occidental Mindoro PPDO |
| 22. Ms. Joana May Q. Tiuzen | Occidental Mindoro PPDO |
| 23. EnP. Willard N. Mortos | Romblon PPDO |
| 24. EnP. Dulce Lao | Calapan City CPDO |
| 25. Ms. Rhea Aguilar | Puerto Princesa CPDO |

I. PRELIMINARIES

The meeting started at 02:00 in the afternoon with an invocation.

51
52 II. BUSINESS PROPER

53
54 A. Declaration of Quorum

55
56 Ms. Sheryll B. Sarabia of NEDA MIMAROPA called the roll and
57 declared a quorum. Of the 12 members, two were present and ten
58 were represented, registering 100.00% attendance.
59

60 B. Opening Remarks

61
62 In his welcome message, RLUC Chairperson and NEDA
63 MIMAROPA Regional Director Agustin C. Mendoza provided an
64 overview of the matters that will transpire during the meeting. He
65 provided update on the status of Provincial Development and
66 Physical Framework Plan (PDPFPs) of MIMAROPA provinces.
67

68 He also informed the committee on the presentation of Port City
69 Development Master Planning in the MIMAROPA Region.
70

71 DENR MIMAROPA was acknowledged for the topics they will
72 present – Features of DENR MIMAROPA Control Map and updates
73 on the Rapid Land Tenure Appraisal (RLTA). Both are necessary
74 to achieve evidence-based land use planning in the region.
75

76 Further, Dir. Mendoza emphasized the significance of CLUPs and
77 how policies and ordinances incorporated in them, being backed
78 by legal bases, are vital to ensure sound and effective regional and
79 local planning efforts.
80

81 In closing, he enjoined everyone to continue extending their
82 cooperation and support in various undertakings of RLUC and of
83 NEDA as the country welcomes its new set of leaders.
84

85 C. Proposed Agenda

86
87 On motion duly seconded, the proposed agenda was approved as
88 presented.
89

90 D. Approval of the Minutes of the 2022 2nd Quarter RLUC Meeting

91
92 On motion duly seconded, the minutes of the previous meeting was
93 approved.
94

95 E. Secretary's Report

96
97 On updates concerning preparation of the Disaster Risk
98 Reduction/Climate Change Adaptation (DRR/CCA) Enhanced
99 PDPFP of Romblon, Ms. Sarabia reported that the Provincial
100 Government of Romblon will present the salient features of the draft
101 DRR/CCA enhanced PDPFP of Romblon during the meeting.
102 However, said document is yet to be formally endorsed by DHSUD
103 MIMAROPA to the RLUC Secretariat.

On salient features of Republic Act No. 11573, DENR MIMAROPA will present updates on the implementation of Rapid Land Tenure Appraisal (RLTA) in the MIMAROPA Region during the meeting.

Further, on the status of preparation of Comprehensive Land Use Plans (CLUPs), Ms. Sarabia reported that DILG is yet to send a formal request, regarding provision of capacity development training on CDRA and advanced GIS for priority LGUs in the region, to DHSUD MIMAROPA. On another note, the list of priority LGUs in need of said training was already submitted to DHSUD MIMAROPA and other concerned agencies.

Ms. Bejasa of DILG MIMAROPA commented that they are considering the training offered by NAMRIA to equip and capacitate LGUs on GIS-related tasks of participatory Land Use Planning.

Dir. Mendoza inquired if there is a registration fee on said training offered by NAMRIA.

Ms. Bejasa replied that there is an institutional agreement between DILG MIMAROPA and NAMRIA on the conduct of said training.

Dir. Mendoza further asked to look into the possibility of tie-up and collaboration between agencies to include other concerned stakeholders in said training.

On inventory data and maps requirements, Ms. Sarabia reported that the RLUC Secretariat is currently conducting an inventory of maps aligned with the provincial/local planning and expenditure management.

F. Matters for Approval/Review/Endorsement/Information

- Salient Features of DRR/CCA enhanced PDPFP of Romblon

EnP. Mortos of Romblon PPDO presented the salient features of DRR/CCA enhanced PDPFP of Romblon.

The Regional Land Use Committee (RLUC) promotes the integration of land use and physical planning policies, plans, programs, and disaster risk management into regional socioeconomic plans and programs.

The RLUC is mandated to review the Provincial Development Physical Framework Plans (PDPFP) and Comprehensive Land Use Plans (CLUP) of highly urbanized cities to ensure consistency with national and regional policies and plans.

The PDPFP serves as a link between national and local development plans. It contains the long-term vision of the province and identifies the development goals, strategies, objectives/targets,

and corresponding PPAs which serve as inputs to provincial investment programming and subsequent budgeting and plan implementation.

Administrative Order No. 01, s. 2010 was issued to integrate DRR/CCA in the PDPFPs. It aimed to address emerging concerns on managing disaster risks and climate change effects at the local level by incorporating disaster mitigation strategies and measures in local development plans.

During the 1st quarter RLUC meeting on 29 March, Romblon PPDO reported the submission of copies of draft DRR/CCA Enhanced Romblon PDPFP write-up and presentation maps to DHSUD MIMAROPA and RLUC MIMAROPA on January 03, 2022 and March 21, 2022, respectively.

EnP. Mortos presented the salient features of Romblon PDPFP 2020-2030.

ARD Mariposque of DTI MIMAROPA said that their agency is already looking into connecting industries and resources available in the region and are currently promoting a robust supply chain within the province.

He also commented that plans such as PDPFPs should consider an inter-municipality approach on establishing support infrastructures required by certain industries such as slaughterhouses and landfills. Some municipalities should consider sharing these kinds of facilities to cut costs and improve efficiency on the expenditure of government funds and other resources.

In addition, he mentioned that plans should consider specific support infrastructures needed by the growing industries in the region. In particular, the tourism industry could benefit from infrastructure that encourages connectivity and other relevant and collective strategies.

Dir. Balateo of DOT MIMAROPA commented that it will be good to check if all municipalities have local tourism development plans (LTDPs) to be in sync with provincial plans.

EnP. Mortos responded that they will take note of these suggestions and comments.

Ms. Sarabia asked EnP. Mortos if the plans of other MIMAROPA provinces were revisited to ensure harmony of all five PDPFPs in MIMAROPA.

EnP Mortos responded that the development strategies of Romblon are synchronized with the strategies of other MIMAROPA provinces, particularly in the development of the agricultural industry sector.

Ms. Sarabia also inquired if the PPDO has already complied with the requirements being asked for by DHSUD MIMAROPA. This is because the RLUC is yet to disseminate the copy of their PDPFP to RLUC members, pending receipt of a formal endorsement from DHSUD.

Ms. Comboy of DHSUD-ELUPDB clarified that PPDO Romblon has already submitted the documents required on their end last 20 June 2022. Said additional documents include infrastructure framework, vector files and map atlas which were all required from them after the initial review of DHSUD. Ms. Comboy also said that DHSUD is currently preparing the endorsement and will forward it to RLUC Secretariat as soon as possible.

Ms. Sarabia clarified that after the endorsement from DHSUD has been received, the RLUC will disseminate the PDPFP to all members of the committee. A meeting will then be set for the actual review of the document. Ms. Sarabia also assured the body that RLUC will strictly follow the review and approval process.

- Features of DENR MIMAROPA Control Map

Forester Jonas Paulo Saludo presented salient features of DENR MIMAROPA Control Map.

The Department of Environment and Natural Resources (DENR) is responsible for the conservation, management, development, and proper use of the country's environment and natural resources in order to ensure equitable sharing of benefits for the welfare of the present and future generations of Filipinos.

The objectives of DENR include i. assuring the availability and sustainability of the country's natural resources through judicious use and systematic restoration or replacement; ii. enhancing the contribution of natural resources for achieving national economic and social development; iii. promoting equitable access to natural resources by the different sectors of the population, and; iv. conserving specific terrestrial.

The integration of statistical and geospatial data in the planning process is imperative to ensure that the Department's objectives are met.

The DENR control map is an analysis tool that promotes evidence-based planning and decision-making. It is a system that visualizes map information such as charts, tables, and other geo-spatial information about the priority programs of the Department. To date, the control map does not include geospatial data such as certificates and titles awarded by the Department of Agrarian Reform (DAR), National Commission on Indigenous Peoples (NCIP), among others.

As population in the region continues to grow, land continuously becomes a limited and scarce resource. To facilitate effective allocation of land to different land uses (e.g., agricultural, residential, industrial, etc.) while being consistent with the socio-economic policies in the region, plans must be data-driven. The integration of statistical and geospatial data could also be beneficial for land use planning.

Centralized mapping system such as the DENR Control Map could serve as a reference to craft regional land use policies and plans. This could also be instrumental in addressing jurisdictional and operational issues between and among key agencies involved in the Joint Administrative Order No. 1, Series of 2012.

Ms. Sarabia of NEDA manifested that RLUC purposely invited DENR MIMAROPA to present their Control Map. She went on stating that the website of DENR MIMAROPA only contains scanned maps instead of shapefiles. She then clarified with Mr. Saludo if the system they have presented is exclusive for the use of DENR MIMAROPA.

Mr. Saludo responded that the DENR MIMAROPA Control Map is still a work in progress. The DENR Central Office is yet to officially launch its use and currently being used for internal planning strategies of the DENR. However, he assured Ms. Sarabia that a number of shapefiles and other relevant geospatial data can be shared to requesting parties upon official request to the Regional Executive Director of DENR.

Ms. Sarabia shared that NEDA is currently preparing an inventory of maps for the Regional Physical Framework Plan. She proposed a data-sharing agreement on maps and other materials that were already generated by DENR MIMAROPA which could be useful for the RPPF.

Ms. Sarabia also raised another concern on geospatial issues. She conveyed that during the recently conducted RGCMC Meeting in Calapan, DENR-PENRO Oriental Mindoro responded positively to NEDA's request for assistance on the parceliary survey of the RGC site. However, upon initial survey of the DPWH, there were encroachments inside the RGC site. It was also found out that those who were issued with Certificate of Land Ownership Agreement (CLOA) by DAR have claims that overlap with the land title of RGC site.

Mr. Saludo responded that one of the objectives of DENR Control Map is to correct these kinds of inconsistencies on the ground. They are also aware of several overlapping land claims and aim to settle these with and among other agencies concerned.

ARD Pagano of NEDA asked if the DENR Control Map already contains data such as CALTs/CADTs awarded by NCIP and other land claims or rights issued by DAR.

Mr. Saludo answered that the DENR has working shapefiles and geospatial data of CALTs/CADTs awarded by NCIP, but they are yet to confirm the veracity of these data with the concerned agencies.

Mr. Atienza of NEDA MIMAROPA commented that NEDA MIMAROPA, through the PDIPBD division, has already requested the shapefiles needed for the RPFP. He then clarified with Mr. Saludo if the data provided by the DENR prior to the meeting needs no further rectification.

Mr. Saludo answered that the data shared with NEDA is already updated and may be used for their planning initiatives.

- Update on the Rapid Land Tenure Appraisal (RLTA)

Mr. Cesar P. Odi of DENR MIMAROPA presented update on the implementation of the Rapid Land Tenure Appraisal in the region.

It is a priority of the state to make public land titling more accessible and transparent. On 12 July 2019, Department of Environment and Natural Resources (DENR) Administrative Order (DAO) No. 2019 – 08 provides for the acceptance of public land titling applications at the barangay level. Said DAO intends to strengthen the implementation of DAO No. 2011-06 entitled “Prescribing the Guidelines for the Implementation of Public Land Titling in Partnership with Local Government Units” and DAO No. 2007-09 otherwise known as “Prescribing the Systematic Adjudication Process to Simplify, Streamline and Fast Track the Disposition of Public Alienable and Disposable Lands through Free and Homestead Patents.”

Public land titling is a tedious process that requires effective land tenure profiling. This type of profiling is a dynamic process as ownership and claims on land may be passed from a claimant/owner to a buyer or their heir/s. However, these changes are often not reflected on the cadastral maps and other documents used by key government agencies. This poses challenges in gauging the actual status of land tenure on the ground.

Rapid Land Tenure Appraisal (RLTA), as first described by LMB Technical Bulletin No. 1 s. 2018, is the process to obtain a clear picture of land tenure situation on the ground before land titling operations are entered into the area. It is intended to determine the approximate workable lots in the country.

RLTA is essentially an updating of tenure profile or data for untitled and titled lots. It is a critical activity to ensure the acceleration of land titling nationwide through public land titling.

The adoption of RLTA is the government's response to fulfill Agenda 6 of the 10-point socio-economic agenda of the Duterte administration, which aims to ensure security of land tenure to encourage investments and address bottlenecks in land management and titling agencies. It is also in accordance with the commitment of the DENR to the Philippine Development Plan 2017-2022 to distribute 360,000 residential free patents to qualified beneficiaries, thru the Land Management Bureau.

RLTA intends to address issues and concerns involving titling of lands including defective surveys, reconstitution of records, approaches in settlement of boundary conflicts, approval of subdivision surveys, among others.

Ms. Sarabia acknowledged the efforts of DENR, through Mr. Odi, in regularly updating the committee on the progress of RLTA in the region. She also emphasized that Mr. Odi may take advantage of RLUC activities to raise their issues and concerns with other agencies.

ARD Pagano inquired about digitization efforts in terms of tax control maps in the LGUs.

Mr. Odi answered that assistance is needed from NEDA or other RLUC and Regional Development Council members in strengthening call for the digitization of tax control maps of LGUs. He said that this would facilitate, among other activities, the validation and verification of land titles on the ground.

- Status of preparation of Comprehensive Land Use Plans (CLUPs)

Ms. Marione Comboy of DHSUD-ELUPBD present status of preparation of comprehensive land use plans.

Section 20 of the Republic Act No. 7160, otherwise known as the Local Government Code of 1991 mandates the local government units (LGUs) to prepare a comprehensive land use plan (CLUP) enacted through a zoning ordinance.

The CLUP rationalizes the allocation and management of land and other natural resources in an area. It determines the directions for sustainable land use to achieve the physical development goals and objectives of a city/municipality.

During the 4th Quarter RLUC Meeting held on 21 December 2021 virtually through Zoom, DHSUD MIMAROPA reported that as of 23 November 2021, a total of 46 cities/municipalities has active/valid CLUPs, 23 municipalities are for updating, while four municipalities have no CLUPs.

During the 1st Quarter RLUC Meeting on 29 March 2022, DHSUD MIMAROPA reported various activities accomplished relative to

CLUP review and technical assistance provided to LGUs during the first quarter of 2022.

ARD Pagano of NEDA clarified with DHSUD if the reported 4 municipalities without CLUP are the same municipalities previously reported – three from Romblon and one from Palawan.

Ms. Comboy responded positively. She said that these municipalities in Romblon are Corcuera, Cadjidiocan, and Sta. Maria, while the lone municipality in Palawan is Taytay.

ARD Pagano asked for further clarification on DHSUD's report regarding LUDIP and inventory of government-owned lands.

Ms. Comboy responded that DHSUD Central Office is currently having conferences and meetings with the Commission on Higher Education (CHED) regarding LUDIP. As for the inventory of government-owned lands, DHSUD is already collecting data, such as matrices, shapefiles and other geospatial data to incorporate in their system.

Ms. Lao of Calapan City inquired if LGUs can avail assistance from DHSUD on of the implementation of the Land Use and Zoning Information System (LUZIS).

Ms. Comboy answered that said assistance will be available to LGUs. In fact, they will be subjecting selected LGUs to a pilot training this year. She also assured that Calapan City will be among the first to be selected for the pilot training, considering that it is a city.

- Port City Development Master Planning in Mindoro Island

Dir. Mendoza presented the Port City Development Master Planning in Mindoro Island.

The National Spatial Strategy intends to be the core strategy of the National Physical Framework Plan (NPFP) which seeks to encourage urban growth in selected centers and corridors in various regions of the country by providing the analytical parameters for the planned allocation, use, and management of the county's land use and other physical resources.

The Luzon Spatial Development Framework 2015-2045 provides for a five-tiered hierarchy of settlements with Metro Manila as the prime metropolitan center. It follows the NSS' core elements of concentration, connectivity, and vulnerability reduction.

The Master Plan for the Sustainable Urban Infrastructure Development in Calapan City (MPSUID) focuses on the development of urban infrastructures within the territorial boundaries of Calapan City.

On 18 April 2022, a bilateral meeting with NEDA CALABARZON and MIMAROPA was conducted to discuss Land Use and Port-City Development Initiative, among others.

Dir. Mendoza emphasized that said initiative of developing port cities are not exclusive to the province of Oriental Mindoro. He encouraged partners, particularly in the provinces, to identify and develop strategic port areas to be cities in their respective jurisdictions and to improve connectivity in the region.

- Other Matters

No other matters were raised by the members of the Committee.

III. ADJOURNMENT

To access the presentation materials, Ms. Sarabia reminded member agencies to complete the feedback survey form through the link provided by the Secretariat. The meeting was adjourned at 5:02 PM.

CERTIFIED CORRECT:

ATTESTED:

SHERYLL B. SARABIA
RLUC Secretary

AGUSTIN C. MENDOZA
RLUC Chairperson

REGIONAL DEVELOPMENT COUNCIL
MIMAROPA Region

REGIONAL LAND USE COMMITTEE MEETING
17 August 2022 Calapan City (Online)

MATTERS ARISING FROM THE PREVIOUS MEETING

Agenda Item/Issue	Agreements	Status
Salient Features of DRR/CCA enhanced PDPFP of Romblon	Romblon PPDO will take note of the comments and suggestions of DTI MIMAROPA and DOT MIMAROPA	Status updates will be presented by the PPDO during the meeting
Update on Capacity Development Training on CDRA and Advanced GIS for Priority LGUs	NEDA MIMAROPA and DILG MIMAROPA will look into the possibility for tie-up and collaboration in the conduct of Capacity Development Training on Climate Disaster Risk Assessment and Advanced GIS with NAMRIA for priority LGUs.	NEDA MIMAROPA and DILG MIMAROPA will further coordinate regarding this matter.
Salient Features of DRR/CCA enhanced PDPFP of Romblon	DHSUD-ELUPBD will endorse Romblon PDPFP upon submission of additional documents from the province.	DHSUD MIMAROPA, in a letter dated 06 April 2022 that was sent to and received by NEDA MIMAROPA on 04 July 2022, sent copies of the draft Romblon DRR/CCA Enhanced PDPFP 2020-2030. RLUC Secretariat sent copies of the draft Romblon PDPFP 2020-2030 to RLUC members and concerned agencies on 11 July 2022 for review.
Inventory Data and Maps Requirements	RLUC Secretariat will coordinate with concerned agencies for data sharing agreements.	As part of RFPF updating, the RLUC Secretariat is currently conducting an inventory of maps aligned with the Provincial/Local Planning and Expenditure Management.

REGIONAL LAND USE COMMITTEE
Third Quarter Meeting
17 August 2022 Calapan City (Online)

BRIEF FROM THE RLUC SECRETARIAT

Subject: Comments and Recommendations on the draft Romblon DRR/CCA Enhanced PDPFP 2020-2030

1. The Regional Land Use Committee (RLUC) promotes the integration of land use and physical planning policies, plans, programs, and disaster risk management into regional socioeconomic plans and programs.
2. The RLUC is mandated to review the Provincial Development Physical Framework Plans (PDPFP) and Comprehensive Land Use Plans (CLUP) of highly urbanized cities to ensure consistency with national and regional policies and plans.
3. The PDPFP serves as a link between national and local development plans. It contains the long-term vision of the province and identifies the development goals, strategies, objectives/targets, and corresponding PPAs which serve as inputs to provincial investment programming and subsequent budgeting and plan implementation.
4. Administrative Order No. 01, s. 2010 was issued to integrate DRR/CCA in the PDPFPs. It aimed to address emerging concerns on managing disaster risks and climate change effects at the local level by incorporating disaster mitigation strategies and measures in local development plans.
5. During the second quarter RLUC meeting on 29 June 2022, EnP. Willard B. Mortos of Romblon Provincial Planning and Development Office (PPDO) presented salient features of the draft Romblon DRR/CCA Enhanced PDPFP 2020-2030.
6. DHSUD MIMAROPA, in a letter dated 06 April 2022, sent to and received by NEDA MIMAROPA on 04 July 22, endorsed the Romblon DRR/CCA Enhanced PDPFP 2020-2030 to RLUC MIMAROPA for review.
7. NEDA MIMAROPA sent a letter dated 11 July 2022 requesting RLUC members and other concerned agencies to provide comments and recommendations using the prescribed PDPFP Review Form/Guide for comments and recommendations based on the review parameters specified in DHSUD Memorandum Circular No. 2021-009.
8. As of 10 August 2022, only six concerned agencies have submitted their respective comments and recommendations to the RLUC Secretariat. RLUC members and other concerned agencies shall present their respective comments and recommendations on the draft Romblon DRR/CCA Enhanced PDPFP 2020-2030 during the third quarter RLUC meeting.

9. The Romblon PPDO shall also present the actions taken on the comments, recommendations, and review parameters provided by the RLUC members and other concerned agencies.

10. Action requested: For review.

Comments and Recommendations Based on the Review Parameters

Province: **Romblon**

Region: **MIMAROPA**

Contact Person:

Position:

Contact Details:

Planning Period of Submitted Plan: **2020-2030**

Reviewing Agency/Responsible Party: **NEDA MIMAROPA/RLUC Secretariat**

Parameters	Status	Comments/Remarks	Recommendations
a. Determines if the plan has identified measures that will increase population access to socio-economic opportunities.	✓	Part III, Section 11.7.5 (pp. 310-312) presents Romblon's proposed strategies, programs, and projects to address poverty. Further, Part IV (pp. 360-392) presents the Plan's development strategies, programs, projects and activities for all sectors.	
b. Checks if the PPFP is consistent with the Regional Physical Framework Plan (RPFP), National Framework for Physical Planning, and other national/regional policies set by the National Land Use Committee (NLUC)/Regional Land Use Committee (RLUC).	✓	PDPFP consistency with RPFP and NPFP, among other plans, were only discussed on Part I, Section 2.2 and 3.3 (p.03) and Part IV (pp. 393-394). However, how said plans were considered in the plan are unclear.	Clearly integrate and discuss how RPFP and NPFP were considered in formulating the PDPFP.
c. Checks if the PPFP is in harmony with the plans of adjacent provinces.	✓		Discuss further how Romblon PDPFP is in harmony and synchronized with the

			plans of adjacent provinces.
d. Checks if the PPFP is consistent with the Provincial CCA/DRRM Plan.	✓	Part III, Section 04 (pp. 43-60) and Section 05 (pp. 60-113) discussed thoroughly Romblon's climate and hazard profiles, respectively. However, said sections, along with Part III, Sections 6-8 (pp. 114-196) can be grouped into one section.	Group Part III, Sections 4-8 under "Risk Assessment" as prescribed in Annex 6. Basic Elements of a PPFP of DHSUD's revised Plan Review, Adoption and Approval Process for PPFPs.
e. Evaluates the PPFP vis-à-vis approved agency land use related policies/plans/programs.	✓	All prescribed parts of the PDPFP based on the Guidelines on PLPEM were considered.	

Comments and Recommendations outside the Review Parameters

Province: **Romblon**

Region: **MIMAROPA**

Contact Person:

Position:

Contact Details:

Planning Period of Submitted Plan: **2020-2030**

Reviewing Agency/Responsible Party: **NEDA MIMAROPA/RLUC Secretariat**

Sector/Data/Page	Comments/Remarks	Recommendations	Significance*
Content of the PDPFP			
	No list of tables and figures	Provide a list of tables and figure	Minor
	Identified PPAs in the PDPFP has no cost estimates	Provide cost estimates in identified PPAs in the PDPFP. Inclusion of project cost estimates will provide basis for the completion of the plan's investment program and prioritization of PPAs.	Major
	Refrain from using Region IV-B. (pp. 10 and 215)	Use MIMAROPA in referring to the Southwestern Tagalog region.	Minor
	Latest data on population used is still the 2015 Census of Population (despite availability of 2020 data.	Use 2020 Census of Population in discussing population related sections.	Major

**This is the basis for evaluating comments if compulsory to revise or refine.*

• **Minor.** These include grammatical/typographical errors, absence of data/ information which have no or little significance to the formulation of the PPFP, minor deviations from guidelines, and comments that may have no or little impact on the formulation and implementation of the PPFP.

• **Major/Important.** These include the absence of data/ information which have high significance to the formulation of the PPFP, entries/texts/maps that may confuse the plan implementation, and comments that may have a high impact on the formulation and implementation of the PPFP



**COMMENTS AND RECOMMENDATIONS
BASED ON THE REVIEW PARAMETERS**

Province : **ROMBLON**
Region : **MIMAROPA**
Planning Period : **2020-2030**
of Submitted Plan
Reviewing Agency / : **Department of Environment and Natural Resources (DENR)**
Responsible Party

PARAMETERS	STATUS <i>(put √ if yes)</i>	COMMENTS/ REMARKS	RECOMMENDATIONS
a. Checks whether present and proposed settlement sites are free from legal (e.g. tenure) and environmental constraints		The proposed settlement map is unavailable, hence data on built-up areas were processed from ESRI 2020 instead.	
b. Checks whether there are inconsistencies between areas proposed for development, areas for production, and areas for protection (e.g. mining leases/ permits within protection zones)		Attached is the map indicating the production & protection forest, tenured area, mining tenements & protected area for your reference.	
b. Ensures that the identified areas for urban use are not within the coverage of DENR's Environmentally Critical Areas (ECAs), if applicable.			
c. Checks if there are endangered flora and fauna in the area and if there are corresponding programs/projects for the protection or conservation of such areas.		Processing of data for the fauna component of MGGNP is still on-going, hence this cannot be provided as of this moment.	Attached is the list of endangered flora species found in Mt. Guiting-guiting Natural Park.
e. Ensures the protection of watershed and national parks.		Attached are the maps delineating the watershed, MGGNP and CALSANAG watershed Forest Reserve	

PARAMETERS	STATUS (put √ if yes)	COMMENTS/ REMARKS	RECOMMENDATIONS
		In the Province of Romblon for your reference.	
f. If there are forestlands, checks if forest land use is integrated into the PPFP regardless if the FLUP is available or not.		For the Province of Romblon, 15 Municipalities have already drafted/ formulated their Forest Land Use Plan. Out of 15, 8 Municipalities (<i>Ferrol, Odlongan, Magdiwang, San Fernando, Cajidiocan, San Andres, Sta. Maria & Sta. Fe</i>) have already adopted and implemented their FLUP. Other municipalities are still on the process of finalization and legitimization of the plans.	Attached is the map delineating the forestland and A&D, for your reference as well as the electronic copy of the approved Forest Land Use Plan in the Province of Romblon for your future reference and information.
g. If applicable, ensures that areas with a slope 18% and above are not designated for urban use and ensures the delineation for which is for the forest and which is A& D.			Please take note of the recommendations/ corrections on the data specifically on land classification on the copy of the draft plan. Attached is the slope and land classification map for your reference.
h. Checks if there are sites identified for disposal and projects for the management of solid and other hazardous wastes within the province.		According to EMB, for hazardous waste, there is a septic vault for the temporary disposal to be hauled by EMB accredited hauler.	As per information of EMB there is 1 existing sanitary land fill in the Province of Romblon located in <i>Brgy. Combot in San Jose</i> and four (4) sites under construction (<i>Brgy. Madalag in Alcantara, Brgy. Magsaysay in Sta. Fe, Brgy. Anahao in Odlongan,</i>

PARAMETERS	STATUS (put √ if yes)	COMMENTS/ REMARKS	RECOMMENDATIONS
			and Brgy. Cajimos in Romblon.
i. Checks the consistency of the Provincial Solid Waste Management Plan with the PPFP.		Most of the programs on SWM is already devolved to LGU (i.e. conduct of IEC, establishment of sanitary landfill for final disposal , Residual Containment Area & Material Recovery Facilities for sorting and temporary storage)	
j. Checks if the plan promotes the enhancement of the environmental quality to control water, air, and land pollution.			
k. Checks/evaluates the proposed solid waste management program if these conform to the provisions of the Ecological Solid Waste Management Act (RA9003).			For Material Recovery Facilities establishment, there is a provision in EMB on awarding of equipment like biowaste shredder, plastic shredder/molder, composter. It is suggested that this should be included in the plan.
l. Checks if there are plans for sustainable development and management of natural resources within the province.		Mt. Guiting-guiting Protected Area Management Plan, CALSANAG PAMP, Forest Land Use Plans	
m. Checks if the plan directs development away from high - and/or moderate-risk areas.		As per information from Sir Edwin M. Mojares, a response regarding this matter was already forwarded to the Local Government of Romblon and geohazard maps were already provided.	

PARAMETERS	STATUS (put √ if yes)	COMMENTS/ REMARKS	RECOMMENDATIO NS
n. Check if municipal waters, foreshore, and coastal areas are delineated, mapped, and reflected in the PPFP.			
o. Evaluates the PPFP vis-a-vis approved agency land use related policies/ plans/ programs.			

Prepared by:

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Reviewed by:

MARIA MELISSA L. ENDANGAN

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Recommended by:

MAXIMO C. LANDRITO

OIC, Assistant Regional Director for Technical Services

Approved by:



LORMELYN E. CLAUDIO, CESO IV

Regional Executive Director



REPUBLIC OF THE PHILIPPINES

Department of Human Settlements and Urban Development

Kagawaran ng Pananahang Pantao at Pagpapaligid ng Kalunsuran

MIMAROPA Region

Comments and Recommendations Based on the Review Parameters

Province: Romblon

Region: IV-B (MIMAROPA)

Planning Period of Submitted Plan: 2020-2030

Reviewing Agency/Responsible Party: DHSUD

Parameters	Status (Put <input checked="" type="checkbox"/> if yes)	Comments/ Remarks	Recommendations
a. Checks if the plan adequately defines the role or specialization of the province given its resources and constraints for development.	<input checked="" type="checkbox"/>		
b. Determines if the plan provides policy directions to guide the utilization of land resources vis-a-vis production, protection, settlement, and infrastructure.	<input checked="" type="checkbox"/>		
c. Evaluates if the Provincial Physical Framework Plan is the optimum translation of the province's set goals for settlement, land use, and infrastructure development.	<input checked="" type="checkbox"/>		
d. Evaluates if the plan is in harmony with the PPFPs of adjacent provinces and takes into account existing and potential conflicting land uses, and shared climate and disaster risks, with other provinces.	<input checked="" type="checkbox"/>	Based on the overall assessment, the draft PPFP of the province is found to be in accordance with the development policies of the adjacent region and provinces.	
e. Checks if the proposed programs and projects support the goals and development vision of the province, prioritized and incorporated in the PDIP, and consistent with the provisions of the following: RA 7160 EO 72 PSSD RA 7279 AO 20 NFPP NUDHF MC 54 EO 71 MTPDP RPFP others	<input checked="" type="checkbox"/>		



REPUBLIC OF THE PHILIPPINES
Department of Human Settlements and Urban Development

Kagawaran ng Pananahang Pantao at Pagpapalad ng Kalunsuran

MIMAROPA Region

f. Checks if sites for socialized housing are identified and properly delineated according to RA 7279.	<input checked="" type="checkbox"/>		Consider indicating/mapping the allocation for proposed resettlement areas and sites.
g. Checks if the inventory of potential lands for housing are identified and properly delineated according to RA 7279.	<input checked="" type="checkbox"/>		Please provide the inventory of potential lands for housing
h. Checks integration/mainstreaming of biodiversity, heritage conservation, ancestral domain, and green growth in the PPFP.	<input checked="" type="checkbox"/>		
i. Checks integration/mainstreaming of climate change and disaster risk reduction and management in the PPFP by ascertaining that the following key elements are present: <ul style="list-style-type: none"> Hazard profiling (e.g. flood, storm surge, landslide, severe wind, ground shaking, liquefaction, ground rupture, tsunami and volcanic hazards, among others) including analysis of climate and hazard data and information (e.g. projections, maps, tables, and discussion) from official sources; 	<input checked="" type="checkbox"/>	CDRA is mainstreamed and embedded in the PPFP. Information on hazard exposures and risks, and climate analysis are lifted from the CDRA Report.	
<ul style="list-style-type: none"> Identification of decision and/or priority areas in need of intervention based on its risks (high and/or moderate) on the population, urban and built-up areas, critical facilities, lifeline utilities, production areas, and natural resources/ecosystems; 	<input checked="" type="checkbox"/>	The PPFP have summarized the decision areas and the corresponding technical findings and policy interventions for the population exposure unit.	
<ul style="list-style-type: none"> Identification of climate adaptation/risk mitigation strategies and measures of programs and projects; and 	<input checked="" type="checkbox"/>	CDRA assessment and recommendation of mitigation strategies and measures are embedded and mainstreamed into the PPFP	




REPUBLIC OF THE PHILIPPINES
Department of Human Settlements and Urban Development


Kagawaran ng Pananahang Pantao at Pagpapalad ng Kalunsuran
MIMAROPA Region

• Land use policies that will lessen and manage the risks and vulnerabilities of existing land uses and proposed developments	<input checked="" type="checkbox"/>	There is consideration to the ridge to reef approach in the formulation of the PPFP. It is deemed to be integrative, climate responsive, and ecologically sensitive.	
j. Checks and evaluates innovative approaches or solutions to the province's need for additional sources of funds for project implementation.	<input checked="" type="checkbox"/>		
k. Evaluates the PPFP vis-a-vis approved agency related policies/plans/programs.	<input checked="" type="checkbox"/>		

Prepared by:


L.R. MARIONE DEANNA T. COMBOY, ENP
HHRO III, ELUPDD

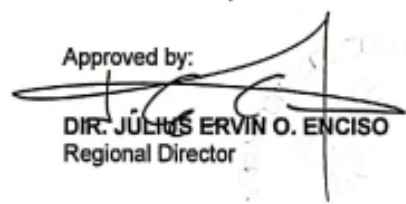
Noted by:


AR. RAY C. GUARNES, ENP
OIC - ELUPDD

Reviewed by:


ATTY. DUNSTAN T. SAN VICENTE
Assistant Regional Director

Approved by:


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Regional Director



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
MIMAROPA Region

"Hatid ay makabagong solusyon!"



Comments and Recommendations Based on the Review Parameters

Region: **MIMAROPA**

Planning Period of Submitted Plan: **2020 – 2030**

Reviewing Agency / Responsible Party: **DOST-MIMAROPA**

Parameters	Status (Put [✓] if yes)	Comments / Remarks	Recommendation
If applicable, furnishes the provincial government with completed DOST studies that are beneficial to the Province and may be adopted for implementation within the planning period.	✓	SUCs, DA, DENR, DOH, DepEd, and PSA can also provide R&D related studies that may be beneficial to the province.	
If applicable, furnishes a list of projects within the province that are programmed for implementation by DOST within the planning period.	✓		
Checks or recommends whether there are available technologies for the development of low-cost housing materials in the locality.	✓		
Checks or recommends the suitability of technology identified in the proposed projects.	✓		
Checks whether there is indigenous technology worthy of development that can be adopted, innovated, or improved.	✓		
Evaluates the PFPF vis-a-vis approved agency land use related policies/plans/programs.	✓		

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SRS II

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Assistant Regional Director

Noted by:

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"Hatid ay makabagong solusyon!"

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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF TRANSPORTATION

Comments / Recommendations Based on the Review Parameters

Province: Romblon

Region: IV-B

Planning Period of Submitted Plan: 2020-2030

Reviewing Agency/Responsible Party: DOTr

Parameters	Put ✓ if yes	Comments	Recommendations
a. Evaluates if the PPFP has integrated DOTr plans and programs for implementation within the planning period	✓	1. In the <i>Draft Romblon PDPFP 2020-2030</i> , under 10.1.2 Air Transportation, it is stated that the Cebu Pacific Airline has shown interest to have flights in Romblon Airport but further requests provision of a proper lighting system in the landing strip to accommodate night time flights. Also, under 10.2.2 Characteristics of Air Transportation System, it is stated that there is no proper lighting to accommodate nighttime landing and takeoff but there is a plan of installation in the near future.	1. Currently, our development plan for the Romblon Airport does not include a lighting system that will support night operations. The development plan for the Airport is focused on airport expansion and capacity augmentation. A construction of a new airport in a new location has to go to a Feasibility and Master Plan Study to determine the optimum development of the said airport. Furthermore, developing an entirely new airport (Greenfield) requires an Environmental and Social Impact Assessment, a requisite document in securing the Environmental Compliance



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF TRANSPORTATION

		<p>2. Related to 10.2.1.3 Other Island-Municipalities' Seaports of the PDFPFP, the two existing ports, namely, Bachawan Port, in Concepcion and San Jose Port, that municipality are identified projects in the Department's Draft Three-Year Rolling Infrastructure Program 2024-2026 for Maritime Sector.</p> <p>3. In 10.4.5 Proposed New Internal Linkage - Tugdan Seaport in Alcantara is proposed new port development. The proposed Tugdan seaport shall provide connectivity and mobility to the Looc-Alcantara-Santa Fe corridor which is one of identified Tourism Development Areas in Tablas Island.</p>	<p>Certificate (ECC) which is also required by the DENR.</p> <p>2. Bachawan and San Jose port projects are recommended for inclusion in the FY 2024 Infrastructure Program</p> <p>3. Tugdan Seaport Proposal is recommended for inclusion in the updating of the DOTr TRIP 2024-2026 and for project development in the preparation of the FY 2024 Social and Tourism Ports Infrastructure Program.</p>
b. Checks if PPFP is in harmony with the Local Public Transport Route Plan (LPTRP); if available	✓	The Road Transport Planning Division (RTPD) reviewed/ evaluated the draft LPTRP of Romblon and expecting for the submission of the revised LPTRP for further review.	



Comments and Recommendations Based on the Review Parameters

Province:	Romblon	Region:	MIMAROPA
Planning Period of Submitted Plan:	CY 2020 to 2030		
Reviewing Agency:	DEPARTMENT OF ENERGY (DOE)		
Responsible Unit:	Planning Division	Contact Details:	e-mail: eppb_pd@gmail.com Telefax: (02) 8840-1780

Parameters	Status (Put <input checked="" type="checkbox"/> if yes)	Comments / Remarks	Recommendations
a. Checks if the plan considers proposed and/or pipelined energy projects in the province.	<input checked="" type="checkbox"/>	<p>The National Electrification Administration (NEA) has an ongoing application for a Non-Project Grant Aid (NPGA) from the Japanese Government relative to ROMELCO's proposed Wind Turbine Project in the Island Municipality of Concepcion, Romblon.</p> <p>Said project has been recommended by the DOE to the National Economic and Development Authority (NEDA) – Public Investment Staff for appraisal.</p> <p>Consequently, NEDA will endorse the project proposal to the Japanese Embassy in the Philippines for approval.</p>	<p>Include ROMELCO's proposed 60-kilowatt (kW) Wind Turbine Project in Concepcion Island, Romblon under <i>Part V (Development Strategies, Programs, Projects and Activities)</i> of the PDPFP.</p> <ul style="list-style-type: none"> Specifically in Section 1.18 – Strategies, PPAs, Related to Utility / Infrastructure Service – Power and Flood Control, Market and Slaughter Houses (page 387). <p><i>Note: Please refer to attached documents for details of the proposed project.</i></p>
b. Checks or recommends whether there are available renewable energy sources and technologies that may be adopted by the province.	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> On existing renewable energy (RE) facilities, the 50-kW Cobrador Solar-Diesel Hybrid Power Plant located in Barangay Cobrador, Romblon, Romblon; the 18-kW Biomass Gasifier Power Plant in Barangay Alad, Romblon, Romblon; and the newly 	<ul style="list-style-type: none"> Include these operational RE facilities in the discussion under <i>Part III (The Planning Environment)</i> of the PDPFP. Specifically in Section 11.6.2 – Power Supply under the ROMELCO

Parameters	Status (Put <input checked="" type="checkbox"/> if yes)	Comments / Remarks	Recommendations
		<p>commissioned 900-kW Romblon Wind Power Project located in Barangays Bagacay, Lonos, and Agnay, Romblon, Romblon were not included in the discussion.</p> <ul style="list-style-type: none"> Apart from existing RE facilities, there are other identified potential RE resources in Romblon that were not considered in the PDPFP. 	<p>Franchise Area (page 285).</p> <ul style="list-style-type: none"> A separate paragraph may be required on this since the Solar-Diesel Hybrid Power Plant and the Gasifier Power Plant are only serving small communities, while the Wind Power Plant was just commissioned in 2019. The Provincial Government of Romblon (PGR) may use the published Romblon Energy Plan (REP) 2018-2040 as reference on the list of existing RE facilities in the province (discussion is on page 87-89 of the Energy Plan). Add a discussion on other potential RE resources in Romblon, particularly hydropower and biomass technologies. Specifically in Section 11.6.2.2 – Target for Power Sector PPAs (page 286). A separate paragraph or section may be added to highlight the province's Renewable Energy Development Program. The PGR may refer to page 49 of the REP 2018-2040 for the list of potential RE resources in the province. The PGR may consider adding a discussion on EVs to support the promotion.

Parameters	Status (Put <input checked="" type="checkbox"/> if yes)	Comments / Remarks	Recommendations
		<ul style="list-style-type: none"> On alternative fuels and emerging energy technologies, ROMELCO has a pilot project which deployed 100 units of two-wheeled Electric Vehicles (EVs) in the Municipality of Romblon. The EV units are being powered by the surplus power generated by the newly commissioned wind power plant. <p>On the other hand, the Municipality of Odiongan is one of the LGU recipients of the DOE's <i>E-Trike Project</i>, which received a total of 40 e-trike units.</p>	<p>development, and deployment of alternative fuels and emerging energy technologies in the province.</p> <ul style="list-style-type: none"> The PGR may refer to pages 83-84 of the REP 2018-2040 for the full discussion on the EV Projects in Romblon, as well as the DOE's plans and programs on promoting Alternative Fuels and Emerging Energy Technologies.
c. Evaluates the PPFP vis-à-vis approved agency land use related policies / plans / programs.	<input checked="" type="checkbox"/>		

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 Energy Policy and Planning Bureau



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
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Comments and Recommendations Based on the PDPFP Review Parameters

Province: **ROMBLON**

Region: **MIMAROPA**

Contact Person: **EDWIN M. MOJARES** Position: **CHIEF GEOLOGIST** Contact Details: **09171761436**

Planning Period of Submitted Plan: **2020-2030**

Reviewing Agency/Responsible Party: **MINES AND GEOSCIENCES BUREAU-MIMAROPA**

Parameters	Status (Put <input checked="" type="checkbox"/> if yes)	Comments/ Remarks	Recommendations
a. Checks if the plan adequately defines the role or specialization of the province given its resources and constraints for development.	<input checked="" type="checkbox"/>		
b. Determines if the plan provides policy directions to guide the utilization of land resources vis-a-vis production, protection, settlement, and infrastructure.	<input checked="" type="checkbox"/>		
c. Evaluates if the Provincial Physical Framework Plan is the optimum translation of the province's set goals for settlement, land use, and infrastructure development.	<input checked="" type="checkbox"/>		
d. Evaluates if the plan is in harmony with the PFPs of adjacent provinces and takes into account existing and potential conflicting land uses, and shared climate	<input checked="" type="checkbox"/>		


"MINING SHALL BE PRO-PEOPLE AND PRO-ENVIRONMENT
 IN SUSTAINING WEALTH CREATION AND IMPROVED QUALITY OF LIFE."

and disaster risks, with other provinces.			
<p>e. Checks if the proposed programs and projects support the goals and development vision of the province, prioritized and incorporated in the PDIP, and consistent with the provisions of the following:</p> <p>RA 7160 EO 72 PSSD RA 7279 AO 20 NFPP NUDHF MC 54 EO 71 MTPDP RPFP others</p>	<input checked="" type="checkbox"/>		
<p>f. Checks if sites for socialized housing are identified and properly delineated according to RA 7279.</p>	<input checked="" type="checkbox"/>		
<p>g. Checks if the inventory of potential lands for housing are identified and properly delineated according to RA 7279.</p>	<input checked="" type="checkbox"/>		
<p>h. Checks integration/mainstreaming of biodiversity, heritage conservation, ancestral domain, and green growth in the PPFP.</p>	<input checked="" type="checkbox"/>		
<p>i. Checks integration/mainstreaming of climate change and disaster risk reduction and management in the PPFP by ascertaining that the following key elements are present:</p>	<input checked="" type="checkbox"/>	<p>Assessment of karst (a landscape underlain by limestone) subsidence hazard, particularly fissures and sinkholes (solution sinkhole, cover-collapse sinkhole and cover-subsidence sinkhole) was not</p>	<p>MGB-MIMAROPA can provide updated data and information regarding karst subsidence hazards based on our recent karst mapping activities in the province.</p>

<ul style="list-style-type: none"> • Hazard profiling (e.g., flood, storm surge, landslide, severe wind, ground shaking, liquefaction, ground rupture, tsunami and volcanic hazards, among others) including analysis of climate and hazard data and information (e.g. projections, maps, tables, and discussion) from official sources; 		<p>mentioned in the hazard profiling.</p> <p>The methodology used in determining susceptibility and exposure to geohazard involving several elements at risk (population, built-up areas, facilities, infra, and agriculture) is not described in the PPFP. This makes the hazard susceptibility/exposure data unreliable and inconclusive.</p>	<p>The flood and landslide susceptibility maps used in the PPFP are not updated. The presented maps showing the exposure and susceptibility of various elements at risk to flood and landslide hazards are not from MGB-MIMAROPA. Categorically, these maps are inferior and poorly generated. Standard risk exposure maps should have been prepared to highlight the extent of risk exposure to flooding and landslide.</p> <p>As for MGB MIMAROPA geohazard maps, we have updated all our flood and landslide susceptibility maps and have generated standard risk exposure maps for flood and landslide (municipal level) covering three (3) elements at risk, i.e., population, built-up areas, and road networks under three levels of susceptibility (high, moderate and low).</p>
<ul style="list-style-type: none"> • Identification of decision and/or priority areas in need of intervention based on its risks (high and/or moderate) on the 	<input checked="" type="checkbox"/>	<p>The use and application of exposure/susceptibility maps for various elements at risk should</p>	

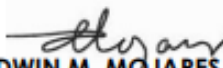
population, urban and built-up areas, critical facilities, lifeline utilities, production areas, and natural resources/ecosystems;		have been highlighted in the PPFP. In-depth analysis and evaluation of exposure data is lacking.	
• Identification of climate adaptation/risk mitigation strategies and measures of programs and projects;	<input checked="" type="checkbox"/>		
• and Land use policies that will lessen and manage the risks and vulnerabilities of existing land uses and proposed developments	<input checked="" type="checkbox"/>		
j. Checks and evaluates innovative approaches or solutions to the province's need for additional sources of funds for project implementation.	<input checked="" type="checkbox"/>		
k. Evaluates the PPFP vis-a-vis approved agency related policies/plans/programs.	<input checked="" type="checkbox"/>		

Prepared By:


ARNOLD A. VILLANUEVA
 Supervising Geologist

Reviewed/Approved By:

By Authority of the Regional Director


EDWIN M. MOJARES, Ph.D.
 Chief, Geosciences Division
 OIC, Office of the Regional Director

Comments and Recommendations Based on the Review Parameters

Province: **Romblon**

Region: **MIMAROPA**

Contact Person: **Julius Carlo F. Hilado**

Position: **Senior EDS - NEDA**

Contact Details: 0919-093-3921 / JFHilado@neda.gov.ph / (043) 288 6115 local 410

Planning Period of Submitted Plan: **2020-2030**

Reviewing Agency/Responsible Party: **DOST - Philippine Institute of Volcanology and Seismology (DOST - PHIVOLCS)**

Parameters	Status	Comments/Remarks	Recommendations
a. Checks if the plan directs development away from earthquakes, faults, volcanic danger zones, and/or areas at high risk to lahar and earthquake-induced hazards (e.g. landslide, tsunami, etc.).	X	<p>Outdated data regarding active faults underestimate the exposure and impact that this natural disaster has on the province.</p> <p>PHIVOLCS was cited as the source for the ground shaking hazard map and earthquake-induced landslide susceptibility maps. However, PHIVOLCS has yet to release such data for the province of Romblon</p> <p>Other than active faults, earthquake-induced landslides and ground shaking, the archipelagic province of Romblon is also prone to liquefaction and tsunamis, especially in low-lying areas.</p> <p>Exposures and impacts of these hazards are therefore not estimated in the development plans stated in the PDPFP.</p>	<p>Please consider including updated hazard maps provided by PHIVOLCS. You may check these sites for available earthquake hazard maps and exposure elements for the province of Romblon</p> <p>(https://hazardhunter.georisk.gov.ph/map)</p> <p>(https://www.phivolcs.dost.gov.ph/index.php/gisweb-hazard-maps)</p> <p>Official communication through DOST-PHIVOLCS may also be requested for hazard data that may not be available in the given sites above.</p> <p>See attached document "Romblon_PDPFP_Additional_comments.docx" for more details</p>
b. Evaluates the PPFP vis-a-vis approved agency's land use-related policies/plans/programs.	X	<p>No mention of earthquake hazards in this section (Issues related to DRR-CCA) as well as the targets to address the problems considering that Romblon can also be impacted by earthquake hazards.</p> <p>Content on the subsection on "D. Housing" is lacking.</p>	<p>Consider or add earthquake hazards because it also falls under geo-hazards</p> <p>Include in the objective or target provision of safe resilient, adequate and affordable housing the adherence to National Building Code</p> <p>See attached document "Romblon_PDPFP_Additional_comments.docx" for more details</p>



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE INSTITUTE OF VOLCANOLOGY AND
SEISMOLOGY



**Additional Comments and Recommendations for the Review of
Provincial Development and Physical Framework Plan (PDPFP) of
Romblon
August 12, 2022, PHIVOLCS**

I. Based on the Review Parameters

Document/ Folder	Page	Section or Map Title	Comment	Suggestion/ Recommendation
02 DRAFT ROMBLON PDPFP 2020-2030	30	3.0 PHYSICAL RESOURCES 3.1 General Land and Water Characteristics and Resources 3.1.3 Water Resources	See additional comment No. 1 below	Consider revising. See additional comment No. 1 below
02 DRAFT ROMBLON PDPFP 2020-2030	30	3.0 PHYSICAL RESOURCES 3.1 General Land and Water Characteristics and Resources 3.1.4 Geological Features	Information regarding the fault mentioned in this section is inaccurate/outdated. PHIVOLCS was cited as source data after the 2nd sentence. What is being cited to PHIVOLCS? Is it the bathymetric feature? Or the active faults in Romblon?	Revise the description of the active fault based on the latest available fault map of Romblon province. Include a figure map of what is being described in the section. Is it the geological map, or the active fault map?

Document/ Folder	Page	Section or Map Title	Comment	Suggestion/ Recommendation
02 DRAFT ROMBLON PDPFP 2020-2030	42	3.0 PHYSICAL RESOURCES 3.2 Land Use Potentials and Constraints 3.2.3 Protection Areas 3.2.3.4 Other Environmentally Constrained Areas a) Fault Lines	Information regarding the active faults mentioned in this section is inaccurate/outdated. See additional comment No. 2 below.	Revise the description of the active fault based on the latest available active fault map of Romblon province. Updated active fault map should be added/moved in this section. See additional comment No. 2 below.
02 DRAFT ROMBLON PDPFP 2020-2030	60	5.0 HAZARD PROFILE CHARACTERIZA TION	Information regarding the active faults mapped in Romblon are inaccurate/outdated. See additional comment No. 4 below	Revise the description of the active faults based on the latest available active fault map of Romblon province. Refrain from using "Fault line". See additional comment No. 4 below
02 DRAFT ROMBLON PDPFP 2020-2030	94-95	5.0 HAZARD PROFILE CHARACTERIZA TION 5.2 Geological Hazards 5.2.1 Ground Shaking	Information regarding the active faults mapped in Romblon are inaccurate/outdated. See additional comment No. 5 below. No term as "Fault Line"	Revise the description of the active fault based on the latest available active faults map of Romblon province. See additional comment No. 5 below. Refrain from using "Fault line".
02 DRAFT ROMBLON PDPFP 2020-2030	95	Figure 3.40 Ground-Shaking Map	PHIVOLCS was cited as the source for the ground shaking map. However, PHIVOLCS has yet to release a	Verify the sources of data for the said map and communicate with PHIVOLCS regarding available

Document/ Folder	Page	Section or Map Title	Comment	Suggestion/ Recommendation
		PROVINCE OF ROMBLON	<p>ground shaking hazard map for the province of Romblon.</p> <p>There was no mention about the ground shaking map in the body of the report.</p> <p>The section is about ground shaking hazards but the text only described and discussed the active faults. Although an active fault map (but not the latest) was included, the report failed to cite the map.</p>	<p>ground shaking hazard map and data.</p> <p>Revise the content of section 5.2.1, expounding on the content of available ground shaking data and the latest available active fault map. See additional comment No. 5 below.</p>
02 DRAFT ROMBLON PDPFP 2020-2030	96	Figure 3.41 Fault Lines Map PROVINCE OF ROMBLON	<p>Map has no legend and scale.</p> <p>Map was not cited in the text.</p> <p>Active Faults map used is outdated.</p>	<p>Add a legend and scale for the active faults map.</p> <p>Change the title of the figure from "Fault Lines Map" to "Active Fault Map"</p> <p>Properly cite maps that are being used.</p> <p>You may check these sites for the available latest earthquake hazard maps for the province of Romblon.</p> <p>(https://hazardhunter.georisk.gov.ph/map)</p> <p>(https://www.phivolcs.dost.gov.ph/index.php/gisweb-hazard-maps)</p>

Document/ Folder	Page	Section or Map Title	Comment	Suggestion/ Recommendation
02 DRAFT ROMBLON PDPFP 2020-2030	98-111	5.0 HAZARD PROFILE CHARACTERIZA TION 5.2 Geological Hazards 5.2.2 Earthquake-Induc ed Landslides	Information regarding susceptibility of areas to earthquake-induced landslides (EIL) in Romblon are inaccurate/outdated.	Revise the content of this section based on available EIL susceptibility data of Romblon province.
02 DRAFT ROMBLON PDPFP 2020-2030	99	Figure 3.43 Settlements (Built-up) Areas Exposed to Earthquake-Induc ed Landslides PROVINCE OF ROMBLON	PHIVOLCS was cited as the source for the ground shaking map. However, PHIVOLCS has yet to release an earthquake-induced landslide (EIL) susceptibility hazard map for the province of Romblon. Description in the section body and Table 3.57 does not match the map shown, e.g. 100% of Alcantara exposed to high EIL susceptibility	Verify the sources of data for the said map and communicate with PHIVOLCS regarding available EIL susceptibility data. Make sure that the map contents correspond to the body of the section.
02 DRAFT ROMBLON PDPFP 2020-2030	101	Figure 3.44 Population Exposure to Earthquake-induc ed Landslides PROVINCE OF ROMBLON	PHIVOLCS was cited as the source for the EIL susceptibility map. However, PHIVOLCS has yet to release an EIL susceptibility hazard map for the province of Romblon.	Verify the sources of data for the said map and communicate with PHIVOLCS regarding available EIL susceptibility data.
02 DRAFT ROMBLON PDPFP 2020-2030	103	Figure 3.45 Agricultural Areas Exposed to Earthquake-induc ed Landslides PROVINCE OF ROMBLON	PHIVOLCS was cited as the source for the EIL susceptibility map. However, PHIVOLCS has yet to release an EIL susceptibility hazard	Verify the sources of data for the said map and communicate with PHIVOLCS regarding available EIL susceptibility data.

Document/ Folder	Page	Section or Map Title	Comment	Suggestion/ Recommendation
			map for the province of Romblon.	
02 DRAFT ROMBLON PDPFP 2020-2030	108	Figure 3.46 Critical Infrastructure Exposure to Earthquake-induc ed Landslides PROVINCE OF ROMBLON	PHIVOLCS was cited as the source for the EIL susceptibility map. However, PHIVOLCS has yet to release an EIL susceptibility hazard map for the province of Romblon.	Verify the sources of data for the said map and communicate with PHIVOLCS regarding available EIL susceptibility data.
02 DRAFT ROMBLON PDPFP 2020-2030	109	Figure 3.47 Lifelines Susceptible to Earthquake-induc ed Landslides PROVINCE OF ROMBLON	PHIVOLCS was cited as the source for the EIL susceptibility map. However, PHIVOLCS has yet to release an EIL susceptibility hazard map for the province of Romblon.	Verify the sources of data for the said map and communicate with PHIVOLCS regarding available EIL susceptibility data.
02 DRAFT ROMBLON PDPFP 2020-2030	98, 100, 102, 104, 105, 106, & 107	Tables 3.57, 3.58, 3.59, 3.60, 3.61, 3.62, 3.63, & 3.64	Subject or hazard and risk exposure being discussed is on EIL but the data source is MGB.	Double check source/s of data for the risk exposure and vulnerability of critical facilities.
02 DRAFT ROMBLON PDPFP 2020-2030	109 - 110	Figure 3.48 and 5.0 HAZARD PROFILE CHARACTERIZA TION 5.3.2 Earthquake (first paragraph) Simulation of 7.5 Magnitude Earthquake PROVINCE OF ROMBLON	We noticed this section on earthquakes mostly discusses the result of earthquake magnitude simulation which is actually the effect of ground shaking. Ergo, this section should be under the discussion on Ground Shaking in Section 5.2.1 under the general section of "Earthquake Hazards" Simulation result is inaccurate because	Content should be incorporated to section 5.2.1 Ground Shaking Change Sub-title to "Earthquake Hazards" instead of Geological Hazards Revise the simulation using the latest active faults data. You may check these sites for the latest available earthquake hazard maps for the province of Romblon.

Document/ Folder	Page	Section or Map Title	Comment	Suggestion/ Recommendation
			the active faults data used in the simulation is inaccurate/outdated. How did you come up with a M7.5 earthquake scenario? What is the basis?	https://hazardhunter.georisk.gov.ph/map https://www.phivolcs.dost.gov.ph/index.php/gisweb-hazard-maps
02 DRAFT ROMBLON PDPFP 2020-2030	111	Table 3.65 Modified Mercalli Intensity Scale and Richter Scale		You may use the PHIVOLCS Earthquake Intensity Scale from this site: https://www.phivolcs.dost.gov.ph/index.php/earthquake/earthquake-intensity-scale
02 DRAFT ROMBLON PDPFP 2020-2030	113-114	5.0 HAZARD PROFILE CHARACTERIZATION 5.3 Multi-Hazards 5.3.2 Geologic Multi-Hazard	Again, available EIL and Ground Shaking hazards maps for Romblon are indicative or regional in scale. The larger scale hazards maps are yet to be generated as mentioned in preceding comments	Revise the content of this section based on the available EIL susceptibility and ground shaking hazard data of Romblon province. Also, be certain on the vulnerability of an island or municipality to a hazard when discussing the analysis of combining or overlaying layers of the hazard extents.
02 DRAFT ROMBLON PDPFP 2020-2030	113	Figure 3.50 Multi-Hazard (Geological Hazards) Map PROVINCE OF ROMBLON	PHIVOLCS was cited as the source for this map. However, PHIVOLCS has yet to release an EIL and Ground Shaking hazards map for the province of Romblon. PHIVOLCS also does	Verify the sources of data for the said map and communicate with PHIVOLCS regarding available EIL susceptibility and ground shaking hazard data.

Document/ Folder	Page	Section or Map Title	Comment	Suggestion/ Recommendation
			not produce a multi-hazard map in one layout.	You can instead put "Data Source: PHIVOLCS..." instead of making it appear that the map was sourced from or generated by PHIVOLCS
02 DRAFT ROMBLON PDPFP 2020-2030	340	Figure 3.98 Proposed General Land Use Map PROVINCE OF ROMBLON	Proposal was made based on inaccurate/outdated geologic hazard information. Size of the map may be too small (if to be printed), details are not readable if only to fit an A4 sized paper	Revise the proposed land use map based on the latest available geologic and meteorological data. Layout the General Land Use Map to fit in A3 paper size or present/layout per cluster islands in A4
02 DRAFT ROMBLON PDPFP 2020-2030	354	Part III, Section 3.5 Development Issues Related to Income, Employment, Service Access and Poverty	Subsection on D. Housing	Include in the objective or target provision of safe resilient, adequate and affordable housing the adherence to National Building Code
02 DRAFT ROMBLON PDPFP 2020-2030	359	Part II Section 3.7 Table 4.7	No mention of earthquake hazards in this section (Issues related to DRR-CCA) as well as the targets to address the problems considering that Romblon can also be impacted by earthquake hazards.	Consider or add earthquake hazards because it also falls under geo-hazards

II. Based OUTSIDE the Review Parameters

Document/ Folder	Page	Section or Map Title	Comment	Suggestion/ Recommendation
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02 DRAFT ROMBLON PDPFP 2020-2030	26	3.0 PHYSICAL RESOURCES 3.1 General Land and Water Characteristics and Resources 3.1.4 Geological Features	Where is Figure 3.9 supposedly showing the geology of the Romblon group of islands? Also, Figure 3.9 was also labeled for the Slope map mentioned in text on p. 27.	Re-check figure numbering and add missing figure/s or map.
02 DRAFT ROMBLON PDPFP 2020-2030	42	3.0 PHYSICAL RESOURCES 3.2 Land Use Potentials and Constraints 3.2.3 Protection Areas 3.2.3.4 Other Environmentally Constrained Areas	Some information is inaccurate. See comment No. 1 below	Consider revising this section. See additional comment No. 1 below
02 DRAFT ROMBLON PDPFP 2020-2030	48	4.0 CLIMATE PROFILE 4.1 Historical Climatic Profile 4.1.5 Sea Level Rise	Some information was lifted from a web source without proper citation. See additional comment No. 3 below	Please follow proper citations in citing online and academic references. Avoid plagiarism. Paraphrase and revise the whole sub-section. See additional comment No. 3 below
02 DRAFT ROMBLON PDPFP 2020-2030	98	Table 3.57 Settlement Areas Exposed to Earthquake-Induced Landslides	No unit of measurement was identified in the table.	Add the unit of measurement used in this table.

III. ADDITIONAL COMMENTS and SUGGESTIONS

(Blank fonts are excerpt from the PDPFP documents and comments are in blue fonts)

1) 02 DRAFT ROMBLON PDPFP 2020-2030, Page 30

Sibuyan Island is drained by three major waterways which are such as Magdiwang River in the north, Lumbang River in Cajidiocan in the east, Cantingas River in San Fernando in the south. The latter reportedly is the second cleanest inland body of water in Region IV. The island of Romblon is, in turn, drained by the Sablayan and Agnipa Rivers.

2) 02 DRAFT ROMBLON PDPFP 2020-2030, Page 42

Environmentally constrained areas are sometimes caused by man himself. Examples are the structures built in areas susceptible to environmental degradation. Geological Engineering, geological, and geohazard assessment studies must be undertaken first in these areas before building structures because these areas are subject to environmental and natural hazards.

Examples of these areas are the fault lines, earthquakes, tsunamis, typhoons, flooding, landslides, coastal zones, catchment areas, reserved second growth forests, mangroves, buffer strips and swamps. These are covered by regulations, management plans or covenants on land use and may be used but must not be subjected to degrading impacts.

Consider revising this whole paragraph. There is no such word as "Fault lines" because active faults are not always manifested by a "LINE". Earthquakes, tsunamis, typhoons, flooding, and landslides are natural phenomena, not "areas" as what the context of the sentence is giving out.

a) Fault Lines

In Romblon, an active fault line lies on the seafloor from the Eastern part of Tablas, passing Alcantara going to Panay Island. Its does not pose direct effects on land but tsunamis (tidal waves) could develop should earthquakes occur.

Consider revising this whole paragraph based on the latest available active fault map and data for the province of Romblon. Also, offshore earthquakes could still have a direct impact or effects on land. There are associated hazards on land due to tsunamis.

Also add/move the latest available active fault map in this section as this section already discusses the different faults that are observed in the province.

3) 02 DRAFT ROMBLON PDPFP 2020-2030, Page 48

Sea level rise is one of several lines of evidence that support the view that the climate has warmed (global warming). The global community of climate scientists confirms that it is very likely that human-induced (anthropogenic) warming contributed to the sea level rise observed in the latter half of the 20th century.

The whole paragraph was lifted from this website:

https://www.hyperhistory.com/online_n2/connections_n2/climate_n2/sealevel.html

Please cite website and article sources. Especially for those lifted word per word.



Screenshot of the website where a paragraph about sea level was lifted.

4) 02 DRAFT ROMBLON PDPFP 2020-2030, Page 60

...The presence of a ~~fault line~~ **an active fault** in Tablas Island, traversing the eastern coast of the whole island from the northern tip of Panay Island, passing Carabao Island and extending to the eastern sea board of Tres Islas, have also made the province susceptible to geologic hazard. These could be in the form of ground-shaking (**earthquake**) and earthquake-induced landslide.

Consider revising this paragraph describing the active faults and earthquake hazards based on the latest available active fault map and data for the province of Romblon.

5) 02 DRAFT ROMBLON PDPFP 2020-2030, Page 95

Records from PHIVOLCS database revealed that there were numerous earthquakes that occurred in the province within 200 km radius. Below is the **listing list** of earthquakes with a magnitude of more than 4.5 based from historical (NEIC-USGS

1589-1899) and instrumental (SOEPD-PHIVOLCS 1900-present) records of PHIVOLCS generated using the REDAS software – Table 3.56 and Figure 3.42.

The earthquake that occurred in the province which registered the highest magnitude of 7.2 was in the year 1621 based from historical data and is most likely triggered by West Panay Fault. Likewise, the 7.1 magnitude earthquake in 1962 based from instrumental data occurred along the West Panay Fault. The Tablas Fault that run along the eastern coast of Tablas Island generated an earthquake with the highest magnitude of 6.9 in 1971 based from instrumental (SOEPD-PHIVOLCS) records.

Consider revising this paragraph based on the latest available active fault map of Romblon.

6) Liquefaction and tsunami is not considered:

Liquefaction is a phenomenon wherein water-saturated sediments behave like liquid during an earthquake. This typically occurs in low-lying, large plain areas near bodies of water and may cause damage to man-made structures due to tilting, toppling, or even sinking.

Meanwhile, a tsunami is a series of sea waves commonly generated by under-the-sea earthquakes. Wave heights could be as high as more than 5 meters. It is erroneously called tidal waves and is sometimes mistakenly associated with storm surges. Tsunamis can occur during shallow-seated and strong earthquakes that displace parts of the seabed and disturb the mass of water over it. Submarine landslides and onshore landslides on coastal cliffs can also trigger tsunamis. Inland seas and municipal waters transected by offshore active faults may also be the source of tsunamis when these active faults move.

You may refer to and download the available liquefaction susceptibility hazard map and tsunami hazard map in HazardHunterPH (<https://hazardhunter.georisk.gov.ph/map>) and PHIVOLCS (<https://www.phivolcs.dost.gov.ph/index.php/gisweb-hazard-maps>).

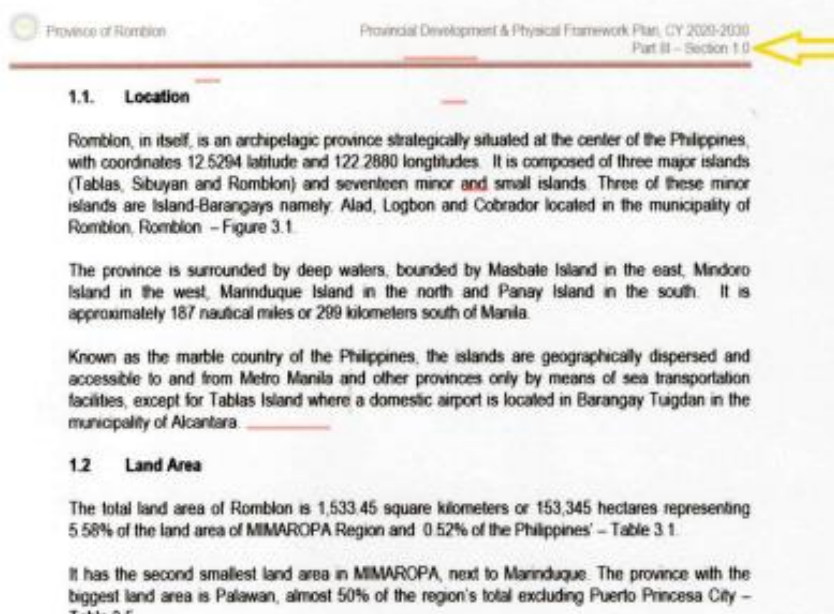
Make sure that all necessary map elements are shown and that all maps used in the document are properly cited.

All these considered, please revise and add discussions on the effects of the earthquake hazards in the province and the vulnerability and risk exposures of critical facilities to the said hazards.


7) Sources of data: As much as possible please include sources of data on all maps (indicating the year of the current version, if possible) and in the text, including


the year of publication of books and articles or data retrieval/download if it's derived from internet sources. Please also include the list of references or bibliography of data sources used or cited in the report. This is to be able to check the accuracy and validity of data or information used and to avoid possible incidents of plagiarism.

8) Header suggestion: We recommend modifying the page header to include which part/section the page is referring to. This is to serve as a guide for navigating through the document. Here is an example header suggestion:



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