



Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, 1100 Quezon City
Tel. Nos. (632) 929-6626 to 69, (632) 929-6252
929-6620; 929-6633 to 35; 929-7041 to 43
Website: www.denr.gov.ph

MEMORANDUM

FOR : **ALL REGIONAL EXECUTIVE DIRECTORS**
DENR CAR, NCR and I-XIII

Attention : **Chiefs, Regional Planning and Management Division**
Chiefs, PENRO Planning and Management Section

FROM : **THE UNDERSECRETARY**
Policy, Planning and International Affairs

SUBJECT : **FY 2020-2022 PROVINCIAL MEDIUM TERM ENVIRONMENT
AND NATURAL RESOURCES (ENR) PLAN**

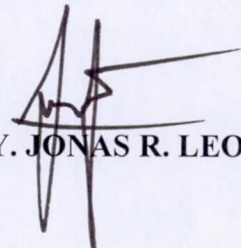
DATE : **APR 16 2019**

This refers to the Memorandum of this Office dated 13 July 2018 calling for the institutionalization of the Medium Term ENR Planning and formulation of Provincial ENR Development Plan in all field offices of the Department (see attached).

After series of trainings and consultations conducted by the Policy and Planning Service in seven (7) pilot sites nationwide participated by representatives from PENR and Regional Offices from September 2018 to January 2019, the trained personnel are expected to cascade the process to their respective field offices. Parallel to this effort, the Policy and Planning Service has prepared a mother Work and Financial Plan with an allocation of PHP400,000.00 per region intended to support the formulation of PENRO plans.

In line with this, we would like you to submit your draft electronic copy of the FY 2020-2022 PENRO plan on or before *30 April 2019* for our review and evaluation to ppdppso@gmail.com. Should you have clarifications, please contact Planning and Programming Division of the Policy and Planning Service at telephone number (02) 928-7327. Attached are the draft guidelines and the approved mother WFP for your information and reference.

For consideration, please.


ATTY. JONAS R. LEONES, CESO I



Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, 1100 Quezon City
Tel. Nos. (632) 929-6626 to 69, (632) 929-6252
929-6620; 929-6633 to 35; 929-7041 to 43
Website: www.denr.gov.ph

MEMORANDUM

FOR : **The Chief**
Budget Division

FROM : **The Chief**
Planning and Programming Division

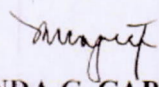
SUBJECT : **DOWNLOADING OF FUNDS TO THE DENR-REGIONAL OFFICES**

DATE : **MAR 29 2019**

May we request for the downloading of funds amounting to **SIX MILLION PESOS (Php 6,000,000.00)** to be charge against A.03.a – Formulation and Monitoring of ENR Sector Policies, Plans, Programs and Projects to support the Geospatial Planning of the PENROs with breakdown as follows:

Regional Offices	Amount (Php)
DENR – CAR	400,000.00
DENR – Region 1	400,000.00
DENR – Region 2	400,000.00
DENR – Region 3	400,000.00
DENR – CALABARZON	400,000.00
DENR – MIMAROPA	400,000.00
DENR – Region 5	400,000.00
DENR – Region 6	400,000.00
DENR – Region 7	400,000.00
DENR – Region 8	400,000.00
DENR – Region 9	400,000.00
DENR – Region 10	400,000.00
DENR – Region 11	400,000.00
DENR – Region 12	400,000.00
DENR – CARAGA	400,000.00
TOTAL	6,000,000.00

FOR YOUR APPROPRIATE ACTION, PLEASE.


MELINDA C. CAPISTRANO
ml

**Department of Environment and Natural Resources
Supplemental FY 2019 Physical and Financial Plan
(In Thousand Pesos)**

OFFICE: WFP FOR REGIONAL GEO-SPATIAL PLANNING

Program/Project/Activity A.03.a.1 Formulation and Monitoring of ENR Plans, Policies, Programs and Projects	Performance Indicator	FY 2019 Physical Performance Targets				Total	Expense Class	FY 2019 Financial Performance Budget													
		1	2	3	4			1	2	3	4	Total									
Support to Regional Geo-Spatial Planning at the PENRO Level	regional geo-spatial planning supported (no) - (Downloading of funds)																				
		DENR - Cordillera Administrative Region	1				1	MOOE	6,000												6,000
		DENR - Region 1	1				1		400												400
		DENR - Region 2	1				1		400												400
		DENR - Region 3	1				1		400												400
		DENR - CALABARZON	1				1		400												400
		DENR - MIMAROPA	1				1		400												400
		DENR - Region 5	1				1		400												400
		DENR - Region 6	1				1		400												400
		DENR - Region 7	1				1		400												400
		DENR - Region 8	1				1		400												400
		DENR - Region 9	1				1		400												400
		DENR - Region 10	1				1		400												400
		DENR - Region 11	1				1		400												400
		DENR - Region 12	1				1		400												400
		DENR - CARAGA	1				1		400												400
		16				16	MOOE	6,000												6,000	
							TOTAL	6,000												6,000	
							MOOE	6,000												6,000	

Prepared By: *Melinda C. Capistrano*

MELINDA C. CAPISTRANO
Chief, Planning & Programming Division

Recommending Approval: *MA Lourdes d. Ferrer*

MA LOURDES d. FERRER
Director, Policy and Planning Service

Approved By: *Atty. Ernesto D. Adobo, Jr.*

ATTY. ERNESTO D. ADOBO, JR.
Undersecretary for Administration, Finance, Human Resource
Information System, Legal, Legislative Affairs and Anti-Corruption

Approved By: *Atty. Jonas R. Leones*

ATTY. JONAS R. LEONES
Undersecretary for Policy, Planning
and International Affairs



Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, 1100 Quezon City
Tel. Nos. (632) 929-6626 to 69, (632) 929-6252
929-6620; 929-6633 to 35; 929-7041 to 43
Website: www.denr.gov.ph

MEMORANDUM

FOR/TO : Heads, Attached Agencies (NAMRIA, NWRB, PCSD)
All Regional Directors
All Bureau Directors (FMB, BMB, ERDB, LMB, EMB, MGB)
The Director, Policy and Planning Service
The Executive Director, River Basin Control Office
The Executive Director, Manila Bay Coordinating Office

FROM : **The Undersecretary**
Policy, Planning and International Affairs

SUBJECT : **FORMULATION OF THE PROVINCIAL MEDIUM-TERM
ENVIRONMENT AND NATURAL RESOURCES (ENR)
DEVELOPMENT PLAN (2019-2022)**

DATE : **JUL 13 2018**

As an offshoot of the series of Customized Planning and Budgeting Workshop held from March to April 2018, the Planning Office will be institutionalizing the Medium-term Environment and Natural Resources (ENR) Spatial Planning as part of the Department's planning process. Relative to this, all Regional Offices are hereby instructed to prepare your respective Provincial Medium-Term ENR Development Plan 2019-2020 using the attached *draft Guidelines on the Formulation of a Medium-term ENR Plan Using Spatial Planning as Platform*.

Starting FY 2020, the Provincial Medium-Term ENR Development Plan shall serve as reference of the Department, particularly the CENROs, PENROs and Regional Offices, in the preparation of the Department's annual budget proposal, Forward Estimates and Work and Financial Plans. In transition, the Provincial Medium-term ENR Plan 2019-2020 for the seven (7) pilot provinces, such as, Zambales, Pampanga, Benguet, Pangasinan, Capiz, Sultan Kudarat and South Cotabato shall be formulated from July to September 2018. All Regional Planning Officers are required to attend the pilot testing and implement the lessons learned from the exercise in doing their respective Plan. While the remaining Provincial Medium-term ENR Plan 2019-2020 shall be formulated from December 2018 to January 2019.

The Policy and Planning Service (PPS), staff and line bureaus, attached agencies, MBCO and RBCO are hereby instructed to provide necessary technical assistance in the course of planning exercise. The PPS is also hereby instructed to enhance the said Guidelines, as necessary, based on the experience and result of the planning activities in the pilot provinces.

For your compliance and guidance.

ATTY. JONAS R. LEONES



Republic of the Philippines

Department of Environment and Natural Resources

Visayas Avenue, Diliman, Quezon City

Tel. Nos. 929-6626 to 29; 929-6633 to 35

Website: <http://www.denr.gov.ph> / E-mail: web@denrgov.ph

DENR MEMORANDUM CIRCULAR

NO. 2019 - _____

SUBJECT:

Pursuant to Executive Order No. 109 (EO 192) mandating DENR to be responsible for the conservation, management and sustainable development of the country's environment and natural resources, the formulation of Medium Term ENR Plan on Spatial Planning (The Plan) is hereby instituted.

Section 1. Basic Policy and Objectives. The formulation of a Medium Term ENR Plan shall be instituted at all operating offices (units) of the DENR utilizing the spatial planning as a platform. Sustainable Integrated Area Development Strategy (SIAD) and Integrated Environmental Management (IEM) planning approaches be shall applied in the plan formulation/development. The plan is envisioned to:

- a) Provide a strategic road map for the DENR's conservation, management and sustainable development of the Environment, Natural Resources and Biodiversity;
- b) Rational and coordinated management action in the pursuit of the DENR's mandates;
- c) Translate the Medium Term Development Plan;
- d) Insure the long term attainment of the desired impact of the DENR's programs/project; and
- e) Insures efficient and effective program/project implementation on a medium term horizon.

Section 2. Scope and Coverage. ENR Medium Term Plan shall be formulated on a bottom-up process involving all offices of the DENR particularly the CENRO, PENRO, Regional and National Offices. The formulation shall include all sectoral program/project of the DENR including management and support services. Regional Plans are to be submitted to DENR Central office for approval and integration into the National ENR Medium Term Plan.

Line Bureaus shall also formulate their respective ENR Medium Term Plans on a similar process as stipulated for DENR Local Offices.

Section 3. Formulation of Local and National ENR Medium Term Plan. Formulation shall be a Bottom-up process guided by the ENR commitment in the Philippine Development Plan. The process shall undergo the following stages:

3.1 Formulation of the Provincial ENR Medium Term Plan

Applying the Plan formulation on a Special Planning Platform; interventions/projects in response to the current local ENR issues/problems shall be identified on spatial platform. This spatially represented project defines the synergy of interventions using the IEM and SIAD approaches. The textural translation of the plan shall include Regulatory Administrative and Support Services/project requirements. The plan shall be finalized after adoption into the Regional Plan.

3.2 Formulation of the Regional ENR Medium Term Plan

The integration of the various Provincial planned interventions/projects as it relates to the current and identified problem and issues peculiar to the region. Thus, programming of provincial intervention/project shall be based on overall regional problems and issues ensuring that optimism project impact shall be attained. The provision for Regulatory Administrative and Support Services/projects for the regional office operations shall be integrated.

3.3 Formulation of the National ENR Medium Term Plan

The National ENR Medium Term Plan shall be integration of all Regional and Line Bureaus Plan anchored on the presumptions of the Philippine Development Plan, the strategies adoption in the DENR Masterplan and various Sectoral Framework Plans. The plan should also contain provisions for the operations of the Bureaus and DENR Central Office.

The National Capital Region shall formulate its plan following the provincial ENR Planning Process.

Section 4. The Plan formulation on a spatial planning platform

The Plan formulation on a spatial planning platform shall undertake the following describe process:

1) Research and Review of the planning inputs

An exhaustive research and review of all the thematic maps and data format containing relevant environment and resource information must be undertaken to insure that analysis of the situation will be comprehensive. For purposes of spatial planning process, thematic maps format must be on a 1:10,000 scale (standard to One Control map). Other vital information can be generated or acquired during stakeholder consultations.

2) Analysis of the Situation

This process comes in once all the inputs are in place. Analysis should be undertaken in the context of IEM and SIAD approaches. Through the outputs from stakeholder consultation, examination of other secondary data, and review of existing policies and plans, such as, but not limited to, Comprehensive Land Use Plans (CLUPs), Forest

Land Use Plans (FLUPs), Comprehensive Development Plans (CDPs), Local Climate Change Action Plans (LCCAPs), and Local Disaster Risk Reduction Action Plans (LDRRMPs) and primarily all sectoral river basin and watershed framework plans, the following activities should be conducted:

- a. **Analysis of issues and potentials of the area.** This process will identify problems affecting the area of interest that ultimately needs intervention as well as the opportunities and existing investments in the area.

This also includes the review of institutional arrangement and mechanisms that ensures the ease of implementation of the intervention through linkage and partnerships within and among stakeholders. More importantly, this process shall also include the determination of baseline and assessment of priority ecosystems (to include presence of Integrated Watershed Management Plans).

- b. **Development of Log Frame.** This involves the development of Log frame that covers the identification of impacts and outcome envisioned to the project site and or as required by the national ENR frameworks. This also includes highlighting the logical linkages and coherence between the specific activities and the expected outcomes in consideration of the existing and potential risk that can affect the project.
- c. **Identification of Interventions.** The analysis of the situation/area shall also result in the identification and/or classification of areas with *comparative advantage* which need specific interventions in terms of protection or development; *competitive advantage* which specifies interventions to be upgraded or up scaled; and *non-negotiable* areas.
- d. **Identification of Alternatives.** This includes activities/projects/policy measures which closes the gap between the desired outcome (project log frame) and the actual condition including the identification of definite intervention from among the identified alternatives.

3) Project Formulation

Using the Log Frame as input, the full project plan shall be developed. The project plan/report shall be prepared per PENRO to allow clear role and counter parting of activities and budget among PENROs and interplay of various factors within the area of concern.

GIS is a powerful tool to aid in the project formulation. Other necessary spatial analysis using GIS supplements the formulation of project plan. The following are some basic tools in used in GIS.

- e. **Visualization.** Provided visual representation of the actual extent, condition, and geographic location of interventions/projects.

- f. **Querying** (Attributes and Location). Provide details through the attribute tables specific
- g. **Proximity**. Answer the basic question on its nearness to a specific point of interest (e.g. rivers, hazard areas, built up areas, etc)
- h. **Area**. Computes the actual area of a pre delineated area of interest.
- i. **Overlay**. Provided the various layers, identifies union and intersection of areas in the site.
- j. **Modelling**. Desired objective is generated through models and forecast results from conditions and parameters provided.

4) **Generation of Map Outputs**

With the one control map standards, maps are exported as outputs. Maps prepared should suffice to a particular objective. These should have its narrative explanation.

5) **ENR Medium Term Plan** (Textual Report with Spatial Plans)

The Provincial ENR Plan is a Medium Term Plan which contains all the project plans in the Province. The project plan/s (composed of textual report and spatial plans) contains the area based projects within the province which encompasses all the sectors operated by DENR, such as but not limited to environment, forestry, biodiversity, lands, environment, and mines.

Spatial plans are integral component of a Provincial ENR Plans. These are submitted for integration and adoption to higher level of DENR management and should always be accompanied by spatial plans.

6) **Planning Forms**

To facilitate the process of integration as it is being submitted to higher administrative levels of the DENR the following forms shall be used:

- a. Program/Project Documents Report (PF-01)
- b. PENRO/Regional Textual Medium Term ENR Plan (PF-02)
- c. National Textual Medium Term ENR Plan (PF-03)

See Annexes for the specific format of the above form.

Section 7. Transition Phase. The full implementation of this planning system shall be a year before the preparation of 2023-2028 Medium Term Plan. Meanwhile starting July of 2018 for a period of two months a Medium Term ENR Plan shall be prepared to cover 2017-2022 period. For period 2017 to 2019 all projects, administrative and support services for those

years will be taken as a given/component of the plan. The full application of the system will cover 2020-2022 periods.

Section 8. Responsibilities. The following are expected from the various levels of DENR offices in terms of implementation of Geo Spatial Planning. As a planning tool, GIS should be mainstreamed in the various offices to undertake the following responsibilities.

1. **Central Office.** Consolidates all Regional Plans submission and reviews consistency with the ENR Framework Plans, Guidelines and other standards and current policies. Provides recommendation based on assessment.
2. **Regional Office.** Prepares the Regional Medium Term Plans based on the consolidated Provincial ENR Plans submitted by the PENROs. Reviews the same and translates the output into regional WFP, proposals and Forward Estimate. Review and consolidate all PENRO Plans and submits to Central Office. Specifically, the Regional Office shall:
 - i. Align the priorities with the Regional Development Plans (RDPs), Regional Development Investment Plans (RDIP) and other relevant Plans
 - ii. Conduct stakeholders consultations (Regional Level)
 - iii. Presentation of the Regional Plan to Regional Development Council (RDCs)
 - iv. Identification of priority areas for interventions and investments needed
 - v. Identification of risks and assumptions, including measures to mitigate those risks
3. **PENRO.** Prepares their respective Provincial ENR Plans through Integrated Ecosystem Management (IEM) approach translated spatially into 1:10,000 scale maps to be submitted to the Regional Office. Specifically, the PENRO shall:
 - i. Review and consolidate CENROs inputs on PENRO Plan
 - ii. Align the priorities with the Provincial Development and Physical Framework Plan (PDPFP) and other relevant Plans
 - iii. Conduct stakeholders consultations (Provincial Level)
 - iv. Identification of priority areas for interventions and investments needed
 - v. Identification of risks and assumptions, including measures to mitigate those risks
4. **CENRO.** Conducts the comprehensive assessment of areas using GIS. Specifically, the CENRO shall:
 - i. Review of the priorities espoused in the CLUPs, FLUPs, CDPs, LCCAPs, LDRRMPs; Identification of priority areas (up to Barangay Level) for interventions, including investments needed
 - ii. Identification of risks and assumptions, including measures to mitigate those risks
 - iii. Stakeholders Consultations (Municipal Level)
Inputs to PENRO on Preparation of Project Plans; conducts necessary field activities.

Section 9. Plan Monitoring and Evaluation. Monitoring and evaluation shall be conducted spatially in reference to the Provincial ENR Plans. It should be conducted in various levels of DENR Offices using the performance indicators set. Hence, spatial plans are essential input in the conduct of monitoring and evaluation.

ANNEX

CONTENTS OF PROVINCIAL ENR MEDIUM TERM PLAN

1. Coverage of the Plan
2. Provincial Profile
 - This contains information relevant to Political, Economic, Social, Technological, Legal and Environmental (PESTLE) conditions of the area.
 - a. Situational Analysis
 - Defines the Provincial and Sectoral problems/issues/challenges derived from the following diagrams:

Diagram No. 2 (Provincial Problem Tree Analysis)
 Diagram No. 2.1 (Sectoral Problem Tree – Forestry)
 Diagram No. 2.2 (Sectoral Problem Tree – Lands)
 Diagram No. 2.2.1 (Land Management)
 Diagram No. 2.2.2 (Land Disposition)
 Diagram No. 2.3 (Sectoral Problem Tree – Protected Area and Biodiversity)
 Diagram No. 2.4 (Sectoral Problem Tree – Coastal)

3. Plan Goals and Objectives
 - Definition of Goals of the province and objective of the sectors derived from the following diagrams:

Diagram No. 3 (Provincial Objective Tree Analysis)
 Diagram No. 3.1 (Sectoral Objective Tree – Forestry)
 Diagram No. 3.2 (Sectoral Objective Tree – Lands)
 Diagram No. 3.2.1 (Land Management)
 Diagram No. 3.2.2 (Land Disposition)
 Diagram No. 3.3 (Sectoral Objective Tree – Protected Area and Biodiversity)
 Diagram No. 3.4 (Sectoral Objective Tree – Coastal)

4. Strategies, Programs, Projects and Activities derived from the log frame

PENRO Investment Plan

Programs/ Projects	Locati on	Indicat or	Univers e	Baselin e year	Valu e	Implementing Period					
						2020		2021		2022	
						Target	Budget	Target	Budget	Target	Budget
Forest Rehabilitati on											
1. San Juan Reforestatio n Project	San Juan	Area Planted (ha)									

**To include General Administration and Support Services Requirements*

**To include Program/ Projects that the Stakeholders deem relevant and which was encountered during the development of the problem tree but which may not be within the DENR's mandate*

Diagram No. 4 (Logical Framework)
 Diagram No. 4.1 (Sectoral Logical Framework – Forestry)

- Diagram No. 4.2.1 (Land Management)
- Diagram No. 4.2.2 (Land Disposition)
- Diagram No. 4.3 (Sectoral Logical Framework – Protected Area and Biodiversity)
- Diagram No. 4.4 (Sectoral Logical Framework – Coastal)

5. Implementation Plan

- This defines the arrangement of the planning and management of the implementation of the plans to ensure that there will be effective coordination with other relevant programs and activities.

6. Monitoring and Evaluation Plan

- Document that will help assess the results of the interventions throughout the timeline of a program. It is a living document that should be referred to and updated on a regular basis.

CONTENTS OF A MAP LAYOUT

A detailed PENRO and Regional Medium Term ENR Plan should be accompanied with map attachments. Maps should have the following basic layout parts:

- A. **Title.** Provides the primary content, theme, or subject of the map.
- B. **Map Overlay (output).** This is the output of the Map Overlay analysis being generated based on the Log frame.
- C. **North Arrow.** An integral part of a map which conveys the orientation of the map.
- D. **Locator Map.** Displays which part of the municipality, province, region or the country where the Project Site is located.
- E. **Grids.** These define location on maps through coordinate systems.
- F. **Neatline.** This provides the border delineating the extent of the geographic data on the map layout.
- G. **Scale.** Refers to the relationship between map distance and actual distance on the ground. The map scale depends on the purpose of what is to be conveyed in the map. Smaller scale ratio is used for maps showing detailed features.
- H. **Legend.** Explains every feature contained in the map.
- I. **Bibliographic and production data.** This includes the projections used, datum, author, date, and the Source of Data, if available. It is also important to include the date when the map is prepared.

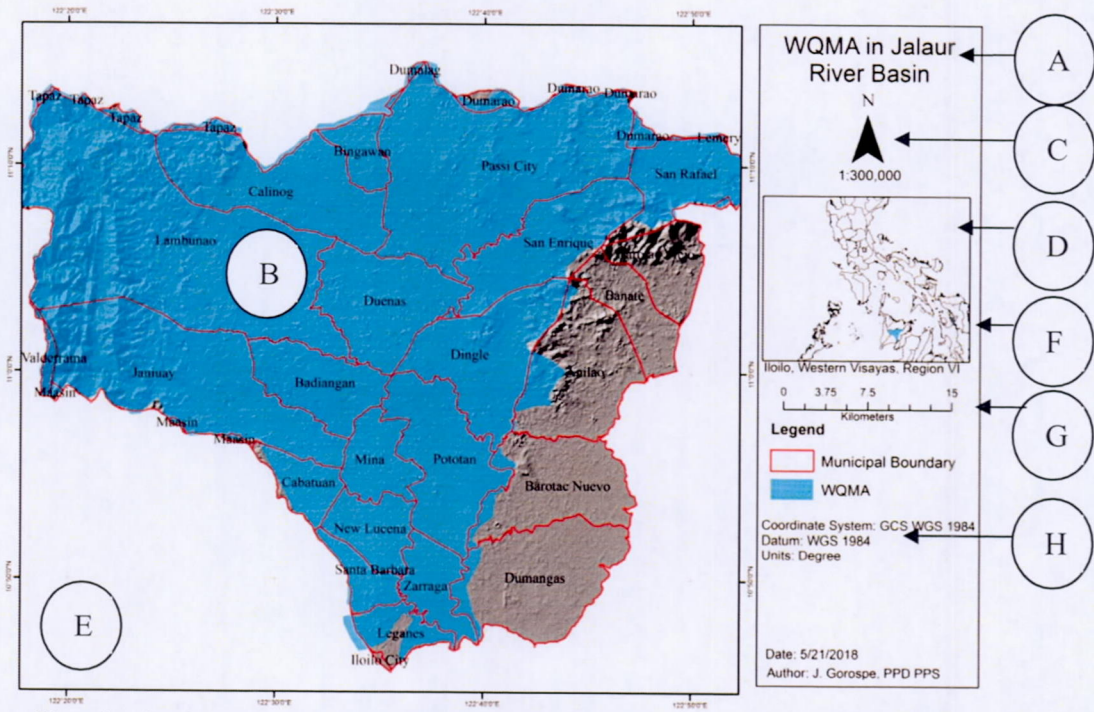


Figure. Showing basic part of the map attachments of the PENRO/Regional Spatial ENR Plans