

**X. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES**

**A. OFFICE OF THE SECRETARY**

STRATEGIC OBJECTIVES

SECTOR OUTCOME

Ecological Integrity Ensured and Socio-economic Condition of Resource-based Communities Improved

ORGANIZATIONAL OUTCOME

1. Natural Resources Sustainably Managed
2. Adaptive Capacities of Human Communities and Natural Systems Improved

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs)/PERFORMANCE INDICATORS (PIs)

	<u>BASELINE</u>	<u>2020 TARGETS</u>
Natural resources sustainably managed		
<b>NATURAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM</b>		
Outcome Indicators		
1. Percentage of illegal logging hotspot areas neutralized	16	By the end of 2022, illegal logging hotspots decreased by 50%
2. Percentage of 8.2M ha of forests protected against forest fires, poaching, pest and diseases, etc.	8.2M ha.	75% protected against forest fire, poaching, pest and diseases
Output Indicators		
1. Number of hectares of open-access/untenured lands of the public domain placed under appropriate management arrangement/tenure	3.5M ha.	15% of open-access/untenured lands of the public domain placed under appropriate management arrangement/tenure
2. Percentage of wildlife permits, certifications and /or clearance applications acted upon within 7 working days from date of receipt	9,137	80% of wildlife permit applications acted upon
<b>NATURAL RESOURCES CONSERVATION AND DEVELOPMENT PROGRAM</b>		
Outcome Indicators		
1. Number of hectares of terrestrial protected areas, wetlands/caves with high biodiversity values that are effectively managed		By the end of 2022:
2. Area of terrestrial protected areas (including inland wetlands/caves) under the NIPAS effectively managed increase (in ha)	Poor - 5,401.58 ha. Fair - 319,994.99 ha. Good - 1,258,782.29 ha. Excellent - 72,173.80 ha.	Poor - 0 ha. Fair - 5,401.58 ha. Good - 319,994.99 ha. Excellent - 1,330,956.09 ha.
3. Number of hectares of marine protected areas with high biodiversity values that are effectively managed		By the end of 2022,
4. Area of marine protected areas effectively managed increase (ha.)	Poor - 0 ha. Fair - 1,439,448.20 ha. Good - 916, 204.89 ha. Excellent - 16,490.63 ha.	Poor - 0 ha. Fair - 0 ha. Good - 1,439,448.20 ha. Excellent - 932,695.52 ha.

GENERAL APPROPRIATIONS ACT, FY 2020

5. Ownership of public alienable and disposable lands secured (2011-Present)	428,794 patents	By the end of 2022, 360,000 residential patents issued
6. Percentage increase in forest cover	8.2M ha.	By the end of 2022, forest cover increased by 12%

Output Indicators

1. Number of terrestrial protected areas/wetlands/caves established/conserved

Inland Wetlands	13	9
Caves	20	57
2. Number of critical habitats established and managed	7 managed	2 established and 6 managed
3. Number of hectares of coral reefs, mangrove forests, and sea grass beds mapped	1,101,093 ha.	900 ha.
4. Number of marine protected areas network established	33	5
5. Number of residential free patents issued	428,794	40,000
6. Area of denuded and degraded forestland/PAs decreased (in ha. Cumulative)	7.6M ha.	50,000 ha.
7. Number of hectares planted area maintained and protected	1.86M ha.	216,058 ha.

Adaptive capacities of human communities and natural systems improved

**ENVIRONMENT AND NATURAL RESOURCES RESILIENCY PROGRAM**

Outcome Indicator

1. Percentage of DENR plans and programs mainstreamed with climate change adaptation and disaster risk reduction	100%	By the end of 2022, 100% of DENR plans and programs mainstreamed with climate change adaptation and disaster risk reduction
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Output Indicators

1. Number of DENR offices provided with training on mainstreaming climate change adaptation and disaster risk reduction	N / A	16 regional offices 2 bureaus
2. Number of information, education, and communication activities conducted	N / A	16 regions

**B. ENVIRONMENTAL MANAGEMENT BUREAU**

**STRATEGIC OBJECTIVES**

**SECTOR OUTCOME**

Ecological Integrity Ensured and Socio-economic Condition of Resource-based Communities Improved

**ORGANIZATIONAL OUTCOME**

Clean and Healthy Environment Sustained

**PERFORMANCE INFORMATION**

**ORGANIZATIONAL OUTCOMES (OOs)/PERFORMANCE INDICATORS (PIs)**

Clean and Healthy Environment Sustained

**BASELINE**

**2020 TARGETS**

**ENVIRONMENTAL ASSESSMENT AND PROTECTION PROGRAM**

Outcome Indicators

1. Percentage increase of environmentally compliant projects (from the baseline)	85%	2% increase
2. Percentage increase in stakeholders' environmental awareness and participation	86%	2% increase
3. Assessed potential pollution problems	1	1

Output Indicators

1. Number of projects monitored based on ECC conditions with reports submitted	14,323	14,910
2. Information, Education and Communication materials developed and disseminated	33,019	40,000
3. Number of environmental research studies conducted for policy purposes	1	1

**ENVIRONMENTAL REGULATIONS AND POLLUTION CONTROL PROGRAM**

Outcome Indicators

1. Percentage increase of LGUs complying with the Ecological Solid Waste Management Act	40%	4% increase
2. Percentage increase of industries complying with environmental standards	88%	2% increase
3. Percentage of HUCs and major urban centers within ambient air quality guideline/values (PM 10/2.5)	47% (baseline year:2015)	55%

Output Indicators

1. Percentage of permits, clearances, and certificates issued within the prescribed timeframe	74%	80%
2. Number of sites/facilities or areas that have been inspected with report submitted	44,399	50,091
3. Percentage of cases/complaints acted upon within the prescribed timeframe	96%	96%

**C. MINES AND GEOSCIENCES BUREAU**

**STRATEGIC OBJECTIVES**

**SECTOR OUTCOME**

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**ORGANIZATIONAL OUTCOME**

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**PERFORMANCE INFORMATION**

**ORGANIZATIONAL OUTCOMES (OOs)/PERFORMANCE INDICATORS (PIs)**

**BASELINE**

**2020 TARGETS**

Natural Resources Sustainably Managed

**MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM**

Outcome Indicators

1. Percentage increase in the revenues of government from mineral resources development	20.00%	10%
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GENERAL APPROPRIATIONS ACT, FY 2020

2. Percentage of monitored mining permits/contracts complying with laws, rules and regulations	60%	70%
<b>Output Indicators</b>		
1. Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period	4,267	3,514
2. Number of mining permits/contracts monitored	822	1,010

**MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM**

<b>Outcome Indicator</b>		
1. Number of LGUs informed of their geology and mineral potential	12	12
<b>Output Indicators</b>		
1. Percentage of total Philippine area surveyed for geology and mineral potential	28%	5.5%
2. Number of new mineral reservation areas assessed/endorsed for declaration	15	15

**Adaptive Capacities of Human Communities and Natural Systems Improved**

**GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM**

<b>Outcome Indicator</b>		
1. Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive Land Use Plan, and/or Development Plans	60%	50%
<b>Output Indicators</b>		
1. Number of cities and municipalities where vulnerabilities and risk assessments were conducted	822	151
2. Number of LGUs (cities/municipalities) provided with information, education, and communication campaigns on geohazards	426 cities/ municipalities	202 cities/ municipalities
3. Number of LGUs assessed for groundwater resources and vulnerability	90 cities/ municipalities	70 cities/ municipalities

**D. NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY**

**STRATEGIC OBJECTIVES**

**SECTOR OUTCOME**

Ecological Integrity Ensured and Socio-economic Condition of Resource-based Communities Improved

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Adaptive Capacities of Human Communities and Natural Systems Improved

**PERFORMANCE INFORMATION**

<b>ORGANIZATIONAL OUTCOMES (OOs)/PERFORMANCE INDICATORS (PIs)</b>	<b>BASELINE</b>	<b>2020 TARGETS</b>
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Adaptive capacities of human communities and natural systems improved

**MAPPING AND RESOURCE INFORMATION PROGRAM**

<b>Outcome Indicators</b>		
1. Percentage of the Philippines with updated topographic base maps and nautical charts	68%	94%
2. Number of hits/access to the online database	150,000	200,000
<b>Output Indicators</b>		
1. Number of maps and charts produced or updated and published	2,350	2,353
2. Percentage of clients who rated the quality of maps and charts produced as satisfactory or better	97%	97%

**E. NATIONAL WATER RESOURCES BOARD**

**STRATEGIC OBJECTIVES**

**SECTOR OUTCOME**

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**PERFORMANCE INFORMATION**

**ORGANIZATIONAL OUTCOMES (OOs) /PERFORMANCE INDICATORS (PIs)**

**BASELINE**

**2020 TARGETS**

Natural Resources Sustainably Managed

**WATER RESOURCES MANAGEMENT PROGRAM**

<b>Outcome Indicator</b>		
1. Percentage increase in public awareness of Water Code of the Philippines, Integrated Water Resources Management, Climate Change Adaptation, Core Functions and Services of NWRB	32.80%	-
<b>Output Indicators</b>		
1. Number of policies/plans endorsed or implemented	7	7
2. Number of information, education, and communication campaign conducted	4	-
3. Percentage of policies/plans endorsed or implemented that were consulted with external stakeholders	100%	100%

**WATER RESOURCES ENFORCEMENT AND REGULATORY PROGRAM**

<b>Outcome Indicators</b>		
1. Percentage increase in the number of water use/water utilities regulated	7.70%	6% (from 2018 to 2020)
2. Percentage of violators penalized or with cases filed in court	18.70%	15%
3. Percentage reduction in illegal water use	16.41%	15%
<b>Output Indicators</b>		
1. Number of permit applications (CWP/CPC) acted upon (approved/denied)	1,360	1,240
2. Number of water sources facilities monitored/assessed	6,851	4,431

3. Percentage of water use violations/complaints acted upon within the prescribed timeframe	50%	50%
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**Adaptive Capacities of Human Communities and Natural Systems Improved**

**WATER RESOURCES VULNERABILITY AND SUSTAINABILITY ASSESSMENT PROGRAM**

**Outcome Indicators**

1. Percentage increase in river basins and critical areas with scientifically robust water information and decision support tools	8 river basins and critical areas as of 2016	28% (2018 baseline : 14)
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2. Number of LGUs adopting/using the developed plans including the operation of the monitoring stations as basis for their groundwater protection and development program	3	3
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**Output Indicators**

1. Number of water-constrained areas with Groundwater Management Plan developed	2	1
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2. Number of water-constrained areas with groundwater monitoring wells established	2	1
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3. Number of river basins with comprehensive water resources assessment	1	1
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**F. PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT STAFF**

**STRATEGIC OBJECTIVES**

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**ORGANIZATIONAL OUTCOME**

Natural Resources Sustainably Managed

**PERFORMANCE INFORMATION**

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Natural resources sustainably managed

**PALAWAN ENVIRONMENTALLY CRITICAL AREAS NETWORK (ECAN) MANAGEMENT PROGRAM**

**Outcome Indicators**

1. Average score of all ECAN zones	27.39	+5
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2. Ratio of total seized wildlife to total wild-sourced trade permits issued	0.52	0.51
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**Output Indicators**

1. Number of Environmentally Critical Areas Network (ECAN) maps updated	4	4
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2. Percentage of wildlife traffic monitoring units (WTMUs) that are functional	40%	100%
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3. Number of endemic species subjected to population studies	2	2
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