

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)	BASELINE	2018 TARGETS
Natural resources sustainably managed		
NATURAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM		
Outcome Indicators		
1. Percentage of illegal logging hotspot areas neutralized	17	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	50% of the baseline data
Output Indicators		
1. Number of hectares of open-access / untenured lands of the public domain placed under appropriate management arrangement / tenure	2.8M ha	
2. Percentage of wildlife permits, certifications and / or clearance applications acted upon within 7 working days from date of receipt	N / A	100% of wildlife permit applications acted upon
NATURAL RESOURCES CONSERVATION AND DEVELOPMENT PROGRAM		
Outcome Indicators		
1. Number of hectares of terrestrial protected areas, wetlands / caves with high biodiversity values that are effectively managed	Poor - 1.87M ha Fair - 2.22M ha Satisfactory - 0.042M ha Good - 0 ha Excellent - 0 ha	By the end of 2022: Poor - 1.36M ha Fair - 0.069M ha Satisfactory - 0.84M ha Good - 0.97M ha Excellent - 0.042M ha
2. Number of hectares of marine protected areas with high biodiversity values that are effectively managed	Poor - 3.42M ha Fair - 0 ha Satisfactory - 0.11M ha Good - 0 ha Excellent - 0 ha	By the end of 2022: Poor - 2.17M ha Fair - 0.97M ha Satisfactory - 1.34M ha Good - 1.12M ha Excellent - 0.11M ha
3. Ownership of public alienable and disposable lands secured (2011-Present)	355,168 lots covering 7,750 ha	By the end of 2022, 360,000 residential patents issued
4. Percentage increase in forest cover	8.2M ha	Increase by 12% by the end of 2022

Output Indicators

1. Number of terrestrial protected areas / wetlands / caves established / conserved		
Inland Wetlands	13	31
Caves	20	58
2. Number of critical habitats established and managed	7	2
3. Number of hectares of coral reefs, mangrove forests, and sea grass beds mapped	N / A	28,427 ha
4. Number of marine protected areas network established	33	17
5. Number of residential and land patents issued within the prescribed timeframe (2011-Present)	355,168 lots covering 7,750 ha	45,000 residential land patents
6. Number of hectares of open and denuded forestland rehabilitated	7.1M ha	124,220
7. Number of hectares planted area maintained and protected	1.62M ha	623,315 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	N / A	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	17 regional offices and 2 bureaus
2. Number of information, education, and communication activities conducted	N / A	17 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)

BASELINE

2018 TARGETS

Clean and Healthy Environment Sustained

ENVIRONMENTAL ASSESSMENT AND PROTECTION PROGRAM

Outcome Indicators

1. Percentage increase of environmentally compliant	85%	2% increase
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projects (from the baseline)		
2. Percentage increase in stakeholders' environmental awareness and participation	N / A	10% 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	38,300
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	47%	5% 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)	50%
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	48,371
3. Percentage of cases / complaints acted upon within the prescribed timeframe	96%	96%

C. MINES AND GEO-SCIENCES BUREAU

STRATEGIC OBJECTIVES

SECTOR OUTCOME

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ORGANIZATIONAL OUTCOME

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PERFORMANCE INFORMATION

<u>ORGANIZATIONAL OUTCOMES (Oos) / PERFORMANCE INDICATORS (PIs)</u>	<u>BASELINE</u>	<u>2018 TARGETS</u>
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Natural Resources Sustainably Managed

MINERAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM

Outcome Indicators		
1. Percentage increase in the revenues of government from mineral resources development	-16.12%	5%
2. Percentage of monitored mining permits / contracts complying with laws, rules and regulations	N / A	60%

Output Indicators		
1. Mining applications (including other mining rights related applications) approved / denied / endorsed within the prescribed period	5,513	2,482
2. Number of mining permits / contracts monitored	1,124	788
MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM		
Outcome Indicator		
1. Number of LGUs informed of their geology and mineral potential	N / A	12
Output Indicators		
1. Percentage of total Philippine area surveyed for geology and mineral potential	4%	10%
2. Number of new mineral reservation areas assessed / endorsed for declaration	18	15
Adaptive Capacities of Human Communities and Natural Systems Improved		
GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM		
Outcome Indicator		
1. Percentage of LGUs that included geohazard information in their Disaster Risk Reduction and Mitigation Plan, Comprehensive Land Use Plan, and / or Development Plans	N / A	50%
Output Indicators		
1. Number of cities and municipalities where vulnerabilities and risk assessments were conducted	235	200
2. Number of LGUs (cities / municipalities) provided with information, education, and communication campaigns on geohazards	N / A	235
3. Number of LGUs assessed for groundwater resources and vulnerability	19	24

D. NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY

STRATEGIC OBJECTIVES

SECTOR OUTCOME

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Adaptive Capacities of Human Communities and Natural Systems Improved

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BASELINE

2018 TARGETS

Adaptive capacities of human communities and natural systems improved

MAPPING AND RESOURCE INFORMATION PROGRAM

Outcome Indicators

1. Percentage of the Philippines with updated topographic base maps and nautical charts	32%	68%
2. Number of hits / access to the online database	157,378	150,000

Output Indicators

1. Number of maps and charts produced or updated and published	2,077	2,350
2. Percentage of clients who rated the quality of maps and charts produced as satisfactory or better	99.94%	95%

E. NATIONAL WATER RESOURCES BOARD

STRATEGIC OBJECTIVES

SECTOR OUTCOME

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PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2018 TARGETS

Natural Resources Sustainably Managed

WATER RESOURCES MANAGEMENT PROGRAM

Outcome Indicator

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	N / A	20%
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Output Indicators

1. Number of policies / plans endorsed or implemented	7	6
2. Number of information, education, and communication campaign conducted	N / A	3
3. Percentage of policies / plans endorsed or implemented that were consulted with external stakeholders	N / A	90%

WATER RESOURCES ENFORCEMENT AND REGULATORY PROGRAM

Outcome Indicators

1. Percentage increase in the number of water use / water utilities regulated (from 2016 to 2018)	N / A	6%
2. Percentage of violators penalized or with cases filed in court	3.4%	10%
3. Percentage reduction in illegal water use	N / A	15%

Output Indicators

1. Number of permit applications (CWP / CPC) acted upon	N / A	712
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GENERAL APPROPRIATIONS ACT, FY 2018

(approved / denied)

2. Number of water sources facilities monitored / assessed	N / A	5,234
3. Percentage of water use violations / complaints acted upon within the prescribed timeframe	N / A	50%

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 (from 2016 to 2018)	8	75%
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	N / A	3

Output Indicators

1. Number of water-constrained areas with Groundwater Management Plan developed	N / A	2
2. Number of water-constrained areas with groundwater monitoring wells established	N / A	2
3. Number of river basins with comprehensive water resources assessment	N / A	1

F. PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT STAFF

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BASELINE

2018 TARGETS

Natural resources sustainably managed

PALAWAN ENVIRONMENTALLY CRITICAL AREAS NETWORK (ECAN) MANAGEMENT PROGRAM

Outcome Indicators

1. Average score of all ECAN zones	N / A	+3
2. Ratio of total seized wildlife to total wild-sourced trade permits issued	0.52	0.52

Output Indicators

1. Number of Environmentally Critical Areas Network (ECAN) maps updated	N / A	4
2. Percentage of wildlife traffic monitoring units (WTMUs) that are functional	40%	80%

3. Number of endemic species subjected to population studies

N / A

2