

**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**

<u>ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)</u>	<u>BASELINE</u>	<u>2023 TARGETS</u>
Natural Resources Sustainably Managed		
<b>NATURAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM</b>		
Outcome Indicators		
1. Percentage of illegal logging hotspot areas neutralized		By the end of 2028, illegal logging hotspots decreased by 50%
2. Percentage of 8.2M ha of forests protected against forest fires, poaching, pest and diseases, etc.	6,150,000 ha	75% protected against forest fire, poaching, pest and diseases
Output Indicators		
1. Number of hectares of open-access/untended lands of the public domain placed under appropriate management arrangement/tenure	200,000 ha	21,000 ha
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. Area of terrestrial protected areas (including inland wetlands and caves) under the NIPAS effectively managed increased (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
2. Area of marine protected areas under NIPAS effectively managed increased (ha.)	Poor - 0 ha Fair - 0 ha Good - 1,439,448.20 ha Excellent - 1,287,266.08 ha	Poor - 0 ha Fair - 0 ha Good - 1,439,448.20 ha Excellent - 1,287,266.08 ha
3. Ownership of public alienable and disposable lands secured (2011-Present)	1.5 M - 2M patents	By the end of 2023, 1,198,373 residential and agricultural patents issued
4. Percentage increase in forest cover	7.18M ha	By the end of 2028, forest cover increased by 3%

Output Indicators

1. Number of terrestrial protected areas/wetlands/caves established/conserved		
Inland Wetlands	13	16
Caves	20	13
2. Number of critical habitats established and managed	2 established and 7 managed	2 established and 7 managed
3. Number of legislated NIPAS MPAS with Water Quality Assessment Monitoring conducted	N/A	35
4. Number of established Marine Protected Areas Network (within NIPAS MPA or with at least one NIPAS MPA component strengthened)	33	11
5. Number of residential free patents issued		13,000
6. Area of denuded and degraded forestlands/PAs decreased (in ha. cumulative)	7.04M ha	13,565 ha
7. Number of hectares planted area maintained and protected		158,843 ha
8. Percentage of annual survival rate of seedlings planted	N/A	85%

Adaptive capacities of human communities and natural systems improved

**ENVIRONMENT AND NATURAL RESOURCES RESILIENCY PROGRAM**

Outcome Indicator

1. Percentage of critical watershed with interventions implemented	131	100% of critical watersheds supporting National Irrigation System with interventions implemented based on IWMP
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Output Indicator

1. Number of priority critical watershed supporting National Irrigation System characterized and vulnerability assessed	51	23
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**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

<b>ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)</b>	<b>BASELINE</b>	<b>2023 TARGETS</b>
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Clean and Healthy Environment Sustained

**ENVIRONMENTAL ASSESSMENT AND PROTECTION PROGRAM**

## Outcome Indicators

1. Percentage increase of environmentally compliant projects (from the baseline)	85% increase	2% increase
2. Percentage increase in stakeholders' environmental awareness and participation	86% increase	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	1,050,600
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% increase	5% increase
2. Percentage increase of industries complying with environmental standards	88% increase	2% increase
3. Percentage of HUCs and major urban centers within ambient air quality guidelines/values (PM 10/2.5)	47%	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	58,220
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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**PERFORMANCE INFORMATION****ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)****BASELINE****2023 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	10%	10%
2. Percentage of monitored mining permits/contracts	75%	75%

complying with laws, rules and regulations		
<b>Output Indicators</b>		
1. Mining applications (including other mining rights related applications) approved/denied/endorsed within the prescribed period	4,806	3,946
2. Number of mining permits/contracts monitored	1,122	628
<b>MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM</b>		
<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	97.00%	4.10%
2. Number of new mineral reservation areas assessed/endorsed for declaration	7	10
<b>Adaptive Capacities of Human Communities and Natural Systems Improved</b>		
<b>GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM</b>		
<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	71.15%	50%
<b>Output Indicators</b>		
1. Number of cities and municipalities where vulnerabilities and risk assessments were conducted	1,634	71
2. Number of LGUs (cities/municipalities) provided with information, education, and communication campaigns on geohazards	1,634 cities/municipalities	100 cities/municipalities
3. Number of LGUs assessed for groundwater resources and vulnerability	1,634 cities/municipalities	48 cities/municipalities

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

**STRATEGIC OBJECTIVES**

**SECTOR OUTCOME**

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Adaptive Capacities of Human Communities and Natural Systems Improved

**PERFORMANCE INFORMATION**

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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	87% completed 1st cycle (coastal charts) 3% (new cycle charts) 38% (electronic navigational charts)	22% (new cycle topographic maps) 78% (old cycle charts) 10% (new cycle charts) 26% (electronic navigational charts)
2. Number of hits/access to the online database	341,456	280,000
Output Indicators		
1. Number of maps and charts produced or updated and published	2,047	2,040
2. Percentage of clients who rated the quality of maps and charts produced as satisfactory or better	99.69%	98.00%

**E. NATIONAL WATER RESOURCES BOARD**

## STRATEGIC OBJECTIVES

## SECTOR OUTCOME

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## PERFORMANCE INFORMATION

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Natural Resources Sustainably Managed		
<b>WATER RESOURCES MANAGEMENT PROGRAM</b>		
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	32.80%	20%
Output Indicators		
1. Number of policies/plans endorsed or implemented	7	7
2. Number of information, education, and communication campaign conducted	4	3
3. Percentage of policies/plans endorsed or implemented that were consulted with external stakeholders	100%	100%
<b>WATER RESOURCES ENFORCEMENT AND REGULATORY PROGRAM</b>		
Outcome Indicators		
1. Percentage increase in the number of water use/water utilities regulated	7.7%	6%
2. Percentage of violators penalized or with cases filed in court	18.70%	15%
3. Percentage reduction in illegal water use	16.41%	15%
Output Indicators		
1. Number of permit applications (CWP/CPC) acted upon	1,360	453

(approved/denied)		
2. Number of water sources facilities monitored/ assessed	6,851	2,467
3. Percentage of water use violations/complaints acted upon within the prescribed timeframe	50%	50%

Adaptive Capacities of Human Communities and Natural Systems Improved

**WATER RESOURCES VULNERABILITY AND SUSTAINABILITY ASSESSMENT PROGRAM**

<b>Outcome Indicators</b>		
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	20%
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	-
<b>Output Indicators</b>		
1. Number of water-constrained areas with Groundwater Management Plan developed	2	1
2. Number of water-constrained areas with groundwater monitoring wells established	2	-
3. Number of river basins with comprehensive water resources assessment	1	1

**F. PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT STAFF**

STRATEGIC OBJECTIVES

SECTOR OUTCOME

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Natural Resources Sustainably Managed

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2023 TARGETS
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Natural Resources Sustainably Managed

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

<b>Outcome Indicators</b>		
1. Average score of all ECAN zones	27.39%	37%
2. Ratio of total seized wildlife to total wild-sourced trade permits issued	0.52	0.49
<b>Output Indicators</b>		
1. Number of Environmentally Critical Areas Network (ECAN) maps updated	4	4
2. Percentage of wildlife traffic monitoring units (WTMUs) that are functional	40%	100%
3. Number of endemic species subjected to population studies	2	2