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	2021 TARGETS
Natural resources sustainably managed		
NATURAL RESOURCES ENFORCEMENT AND REGULATORY PROGRAM		
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
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	N/A	N/A
2. 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 - 4,545.99 ha. Fair-1,464.74 ha. Good - 325,269.41 ha. Excellent - 1,325,072.52 ha.
3. Number of hectares of marine protected areas with high biodiversity values that are effectively managed	N/A	N/A
4. Area of marine protected areas under NIPAS effectively managed increased (ha.)	Poor - 0 ha. Fair - 1,439,448.20 ha. Good - 916,204.89 ha. Excellent - 16,490.63 ha.	Poor - 0 ha. Fair - 537,034.12 ha. Good - 902,412.07 ha. Excellent - 1,287,266.08 ha.

5. Ownership of public alienable and disposable lands secured (2011-Present)	1,041,148 patents (457,676 residential and 584, 472 agricultural)	By the end of 2022, 360,000 residential and agricultural patents issued [2021: 288,000 patents (cum.)]
6. Percentage increase in forest cover	8.2 M 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	11
Caves	20	13
2. Number of critical habitats established and managed	7 managed	2 established and 6 managed
3. Number of legislated NIPAS MPAS with Water Quality Assessment Monitoring conducted	N/A	15
4. Number of established Marine Protected Areas Network (within NIPAS MPA or with at least one NIPAS MPA component strengthened	N/A	3
5. Number of residential free patents issued	457,676 patents	45,000
6. Area of denuded and degraded forestlands/PAs decreased (in ha. cumulative)	7.6M ha.	94,438 ha.
7. Number of hectares planted area maintained and protected	1.86M ha.	158,533 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	95	By the end of 2022, 100% of critical watersheds with interventions implemented

Output Indicators

1. Number of priority critical watershed supporting National Irrigation System characterized and vulnerability assessed	103	25

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	2021 TARGETS
Clean and Healthy Environment Sustained		
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%	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)	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	52,595
3. Percentage of cases / complaints acted upon within the prescribed timeframe	96%	96%

C. MINES AND GEOSCIENCES BUREAU

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	2021 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	15.88%	10%
2. Percentage of monitored mining permits / contracts complying with laws, rules and regulations	64%	75%

Output Indicators

1. Mining applications (including other mining rights related applications) approved / denied / endorsed within the prescribed period	4,267	3,646
2. Number of mining permits / contracts monitored	822	1030

MINERAL RESOURCES AND GEOSCIENCES DEVELOPMENT PROGRAM

Outcome Indicator

1. Number of LGUs informed of their geology and mineral potential	12	12

Output Indicators

1. Percentage of total Philippine area surveyed for geology and mineral potential	11%	6.20%
2. Number of new mineral reservation areas assessed / endorsed for declaration	15	7

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	72.65%	50%

Output Indicators

1. Number of cities and municipalities where vulnerabilities and risk assessments were conducted	202	80
2. Number of LGUs (cities / municipalities) provided with information, education, and communication campaigns on geohazards	226 cities/ municipalities	90 cities/ municipalities
3. Number of LGUs assessed for groundwater resources and vulnerability	91 cities/ municipalities	50 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

ORGANIZATIONAL OUTCOME

Adaptive Capacities of Human Communities and Natural Systems Improved

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2021 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	68%	87% (topographic base maps) completed 1st cycle (charts) 3 % (new cycle for charts) 38% (Electronic Navigational Charts)
2. Number of hits / access to the online database	163,164	200,000
Output Indicators		
1. Number of maps and charts produced or updated and published	2,350	2,047
2. Percentage of clients who rated the quality of maps and charts produced as satisfactory or better	99.72%	97%

E. NATIONAL WATER RESOURCES BOARD

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	2021 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	32.80%	25%	
Output Indicators			
1. Number of policies / plans endorsed or implemented	7	7	
2. Number of information, education, and communication campaign conducted	4	2	
3. Percentage of policies / plans endorsed or implemented that were consulted with external stakeholders	100%	100%	
WATER RESOURCES ENFORCEMENT AND REGULATORY PROGRAM			
Outcome Indicators			
1. Percentage increase in the number of water use / water utilities regulated	7.70%	6% (from 2019- 2021)	1
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 (approved / denied)	1,360	1,240
2. Number of water sources facilities monitored / assessed	6,851	4,112
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

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	25% (2019 baseline:16 RBs and GW Critical Areas)
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	-
Output Indicators		
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

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

ORGANIZATIONAL OUTCOME

Natural Resources Sustainably Managed

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2021 TARGETS
Natural resources sustainably managed		
PALAWAN ENVIRONMENTALLY CRITICAL AREAS NETWORK (ECAN) MANAGEMENT PROGRAM		
Outcome Indicators		
1. Average score of all ECAN zones	27.39	50.92
2. Ratio of total seized wildlife to total wild-sourced trade permits issued	0.52	0.51
Output Indicators		
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