

X. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

A. OFFICE OF THE SECRETARY

STRATEGIC OBJECTIVES

SECTOR OUTCOME

1. Improved conservation, protection and rehabilitation of natural resources
2. Improved environmental quality
3. Enhanced resilience of natural systems and communities

ORGANIZATIONAL OUTCOME

Environment and Natural Resources Sustainably Managed

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Good and shared governance characterized by transparency, accountability and integrity;
2. Consultative and participatory planning and budgeting, implementation, monitoring, and evaluation of programs and projects (e.g., engagement of Civil Society Organizations, Local Government Units, and other stakeholders;
3. Enhanced / strengthened information, education, and communication and advocacy campaign;
4. Adoption and implementation of poverty reduction programs;
5. Proper resource use and allocation and equitable access to resources;
6. Rehabilitation and restoration of degraded ecosystems through conservation-oriented and ecologically sensitive practices and techniques;
7. Use of scientific-based information and technologies as output of research and development as bases for policy and decision-making;
8. Efficient and effective enforcement of environmental laws and regulations;
9. Develop and enhance database and networking system both for internal and external users; and
10. Build capacities of implementing organizations, partner agencies and other stakeholders.

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2017 TARGETS
Environment and Natural Resources Sustainably Managed		
Open and degraded / denuded areas rehabilitated	FY 2010: 6.8M hectares forest cover	Forest cover increased from 6.8 M hectares to 8.6 M hectares by 2017 and transform into productive and stable NGP areas
Percentage change in number of identified illegal logging hotspot areas	23 Hotspot areas	23 Hotspot areas neutralized

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2017 Targets
MFO 1: ECOSYSTEM POLICY SERVICES	
Plans and Policies	
Number of plans and policies developed, updated, issued and disseminated	9
Average percentage of stakeholders that rate plans and policies as satisfactory or better	80%
Average percentage of plans and policies updated, issued and disseminated by the end of the year	100%

MFO 2: ECOSYSTEM MANAGEMENT SERVICES

Rehabilitation

Number of hectares of ecosystems under management for rehabilitation	225,508
Number of technologies (information, product, process and service) disseminated/adopted	9
Percentage of stakeholders who rate DENR ecosystems rehabilitation as satisfactory or better	80%

Management

Number of CBFMA areas under management	1,608,959
Percentage of stakeholders who rate DENR ecosystems management as satisfactory or better	80%
Percentage of CBFMA areas under management assessed by the end of the year	100%

MFO 3: ECOSYSTEM REGULATION SERVICES

Permit Issuance

Number of permits, clearances and certifications issued	4,000
Percentage of permittees complied fully with the conditions	80%
Percentage of permits, certifications and/or clearance applications acted upon within 7 working days from date of receipt	80%

Monitoring

Number of sites and facilities monitored and/or inspected with report issued	60
Percentage of survival rate of planted seedlings	80%
Percentage of sites that have been inspected more than twice by the end of the year	80%

Enforcement

Percentage of ENR violations and complaints acted upon and report issued	100%
Percentage of administrative complaints issued with show cause order/formally charged/final resolution/case filed	100%
Percentage of detected violations that are resolved or referred for prosecution within the number of days prescribed under the law	80%

NOTE : Exclusive of Targets funded from other sources, e.g. Special Account in the General Fund.

B. ENVIRONMENTAL MANAGEMENT BUREAU

STRATEGIC OBJECTIVES

SECTOR OUTCOME

Environmental quality for a cleaner and healthier environment improved

ORGANIZATIONAL OUTCOME

Clean and Healthy Environment Sustained

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Develop systems and mechanisms for improved monitoring and enforcement of environmental laws through the establishment of strong support systems to include among others the following: streamline processing of permits, computerization system, centralized database management, strengthening legal services and partnership programs with local government units and other stakeholders, upgrading of laboratory facilities, capacitating of personnel, implement National Information, Education and Communication Program and promote multi-media monitoring scheme
2. Develop, review and evaluate the effective implementation of environmental policies (Air, Water, Toxic Chemicals and Hazardous Waste, Solid Waste, Climate Change Adaptation and Environmental Impact Assessment)

ORGANIZATIONAL OUTCOMES (Oos) / PERFORMANCE INDICATORS (PIs)	BASELINE	2017 TARGETS
Clean and Healthy Environment Sustained		
Sustained PM10 Level within the National Ambient Air Quality Guideline Value (NAAQGV)	FY2013: 78 micrograms (ug) per normal cubic meter (Ncm)	Sustain PM10 Level within Standards (60ug / Ncm) in Metro Manila by end of 2017
Operationalized Water Quality Management Areas (WQMA)s	FY2014: 19 WQMA)s Designated Total Target: 36 WQMA)s	Implementation of Programs for 30 WQMA)s
Increased Number of LGUs Compliant with RA 9003	FY2014: 27% or 409 compliant LGUs Total Target: 1,515 LGUs	Increase to 70% compliant LGUs by end of 2017
MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2017 Targets	
MFO 1: ENVIRONMENTAL REGULATION SERVICES		
Permit Issuance		
Number of permits and clearances issued		27,600
Percentage of permit/clearance holders incurring one or more violations in the last three years		10%
Percentage of permit and/or clearance applications issued earlier than prescribed timeframe		60%
Monitoring		
Number of sites/facilities monitored and/or inspected with reports submitted		53,281
Percentage of submitted reports that resulted in the issuance of Notice of Violations and penalties imposed		10%
Percentage of sites/facilities or areas that have been inspected more than twice in the last two years		50%
Enforcement		
Number of Notice of Violations issued arising from regular monitoring/survey or cases/complaints acted upon		172
Percentage of compliance in relation to the number of Notice of Violations issued (baseline year - last three years Notice of Violations issued)		10%
Percentage of cases/complaints acted upon or resolved earlier than the prescribed timeframe		80%

NOTE : Exclusive of Targets funded from other sources, e.g. Special Account in the General Fund.

C. MINES AND GEO-SCIENCES BUREAU

STRATEGIC OBJECTIVES

SECTOR OUTCOME

Natural resources conserved, protected and rehabilitated

ORGANIZATIONAL OUTCOME

Adaptive Capacities of Communities Improved

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Rational exploration, development, utilization and conservation of the country' s mineral resources
2. Geo-sciences and geo-resources research and services for disaster risk management and mineral resources development
3. Adherence to the principles of responsible mining under the framework of sustainable development which meets the needs of the present without compromising the ability of the future generation with the view of improving the quality of life both now and in the future
4. Equal consideration on the economic, environmental and social development aspects of the mining operations

ORGANIZATIONAL OUTCOMES (Oos) / PERFORMANCE INDICATORS (PIs)	BASELINE	2017 TARGETS
Adaptive Capacities of Communities Improved		
LGUs / barangays informed on the use of geohazard maps	42, 029 Barangays	12, 979 Barangays informed on the use of geohazard maps

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2017 Targets
MFO 1: MINERAL RESOURCE DEVELOPMENT SERVICES	
Number of new mineral reservation areas assessed/endorsed for declaration	15
Percentage of identified mineral reservation area that is surveyed	100%
Percentage of stakeholders who rate the quality of MGB mineral reservation maps as good or better	90%
Percentage increase in Peso value for royalty payments collected	10%
Percentage of the Philippine territory surveyed (geological exploration)	10%
MFO 2: MINING REGULATION SERVICES	
Permit Issuance	
Number of mining permits/contracts and other mining-related permits/documents approved/endorsed for approval	2, 245
Percentage of mining permits/contracts and other mining-related permits/documents approved/endorsed for approval within 4 months from filing of application	90%
Monitoring	
Number of mining permits/contracts monitored and/or inspected with reports issued	860
Percentage of mining permits/contracts with 1 or more violations over the last 3 years	10%
Percentage of mining permits/contracts that have been inspected more than twice in the last 2 years	100%
Enforcement	
Number of violations or complaints acted upon with reports issued	177
Percentage of submitted reports that resulted in the issuance of notice of violations and penalties imposed	10%
Percentage of complaints or detected violations that are acted upon earlier than the prescribed period	90%

NOTE : Exclusive of Targets funded from other sources, e. g. Special Account in the General Fund.

D. NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY

STRATEGIC OBJECTIVES

SECTOR OUTCOME

1. Resilience to climate change and natural disasters increased
2. Human development status improved

ORGANIZATIONAL OUTCOME

Improved access to updated geospatial information

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Continue the production of topographic base maps of priority areas
2. Intensify hydrographic survey of maritime zones specifically domestic sealanes
3. Maintain the national geodetic network
4. Undertake thematic mapping activities to support disaster risk reduction and climate change adaptation

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2017 TARGETS
Improved access to updated geospatial information		
Increased coverage of topographic base maps and nautical charts	3,077 Large scale maps 113 nautical charts	45% coverage of new 1:10,000 topographic base maps 259 updated nautical charts
MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)		2017 Targets

MFO 1: PROVISION OF MAPPING SERVICES

Number of maps and charts produced or updated and published	2,368
Percentage of clients who rate the quality of maps and charts produced as satisfactory or better	90%
Percentage of maps updated in the last five (5) years (large and medium scale maps)	41%
Number of hits/access of database (web-based)	48,000
Percentage of webpage downtime lasting five (5) minutes or more	4.2%
Percentage of access attempts with a lag time of 10 seconds or more	10%

E. NATIONAL WATER RESOURCES BOARD

STRATEGIC OBJECTIVES

SECTOR OUTCOME

Resilience to climate change and natural disasters increased

ORGANIZATIONAL OUTCOME

1. Water resources allocation sustainably managed
2. Quality, adequacy and accessibility of water supply services maintained/improved

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Formulation of water policies responsive to the changing environment, society and climate
2. Development of science-based decision support tools integrating climate change and the principle of Integrated Water Resources Management (IWRM)
3. Strict implementation of laws and policies
4. Development of strong coordination and collaboration with partner agencies / institutions (i.e., LGUs, NGAs and academe) towards achieving sustainable use of water

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2017 TARGETS
Water resources allocation sustainably managed		
Increase in the number of river basins / critical areas with scientifically robust water information and decision support tools	FY 2013: 2 critical areas	One river basin and two critical areas
Increase in the compliance of water permit and CPC conditions	FY 2013: 10% of monitored violators is in compliance	Increase in compliance from 10% to 15%
Reduction in the number of illegal water users	FY 2010: indicative data of 6,000 (w / o Water Permit / Certificate of Public Convenience)	10% reduction of illegal water users
Quality, adequacy and accessibility of water supply services maintained / improved		
Compliance of private water service providers on the standard of water supply services increased (standards in terms of hours of service, water quality, pressure, etc.)	FY 2013: 8% of existing water service providers	10% of existing water service providers monitored

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2017 Targets
MFO 1: WATER SECTOR MANAGEMENT POLICY SERVICES	
Number of plans and policies developed and issued or updated and disseminated	5
Average percentage of stakeholders that rate policies as satisfactory or better	50%
Average percentage of plans and policies updated, issued and disseminated over the last 2 years	60%
MFO 2: WATER REGULATION SERVICES	
Permit Issuance	
Number of water permit applications acted upon (water permit and CPC)	665
Percentage of water permit holders incurring 1 or more violations in the last 3 years	20%
Percentage of permit applications acted upon within four months from date of receipt	10%
Monitoring	
Number of water source/diversion waterworks facilities inspected	5,661
Percentage of submitted reports that resulted in the issuance of notice of violations and penalties imposed	20%
Percentage of sites that have been inspected more than twice in the last 2 years	5%
Enforcement	
Number of violations or complaints acted upon and reports issued	1,500
Percentage of persons and entities with 2 or more recorded violations in the last 3 years as a % of the total number of violators	60%
Percentage of violations where orders are issued within 5 days of detection	50%
Percentage of detected violations failing to conform with the orders that are referred for prosecution within 5 days of expiration of order period	2%

F. PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT STAFF

STRATEGIC OBJECTIVES

SECTOR OUTCOME

Natural resources conserved, protected and rehabilitated

ORGANIZATIONAL OUTCOME

1. Palawan Natural Resources Sustainably Managed
2. Loss of Palawan Biological Diversity Prevented

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Strengthening of the ECAN in each of its three components (terrestrial, coastal / marine area, and tribal ancestral lands) through enhancement of human capacities and existing management, regulatory, and monitoring and evaluation system and through investment in accurate, updated, and scientific information
2. Mainstreaming and institutionalization of the ECAN system into local development planning process through formulation and coordination of plans, policies, and programs; the management of the ECAN zones; and implementation of compatible activities within the zones
3. Rationalization of the entry of conservation and development projects in Palawan through the operation of the SEP Clearance System, including monitoring of the terms and conditions of clearances, permits, and accreditations issued
4. Intensification of environmental law enforcement through establishment of enforcement teams in environmental crime hotspots areas
5. Promotion of conservation partnerships and financing
6. Engagement of local stakeholders and maximization of people participation in natural resource management, conservation and protection

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)BASELINE2017 TARGETS

Palawan Natural Resources Sustainably Managed

Percentage of forest cover within Environmentally Critical Areas Network (ECAN) Core Zones and Restricted Use Areas

FY 2005: 90.5% or 508,000 ha forest area out of 561,000 ha of ECAN Core Zones and Restricted Use Areas

Forest cover within ECAN Core Zones and Restricted Use Areas greater than 90.5% by end of 2017

Percentage of coastal and marine areas with high conservation value effectively and equitably managed through ECAN system and other effective area-based conservation measures

FY 2010: 8.05% or 368,500 ha of Marine Protected Areas (MPAs) out of 4,580,000 ha municipal waters

Percentage of MPAs or other local marine conservation areas effectively and equitably managed increased to 9% by end of 2017

Loss of Palawan Biological Diversity Prevented

Number of threatened species of wild flora and fauna in Palawan prevented from extinction

FY 2010: 450 (163 threatened fauna and 287 threatened flora species)

100% of 450 threatened terrestrial and marine wildlife species prevented from extinction by end of 2017

Palawan population of critically endangered Philippine Cockatoo (*Cacatua haematuropygia*)

FY 2014: 441 (P Widmann 2014, pers. comm., 21 March)

Population of Philippine Cockatoo in Palawan increased to 500 by end of 2017

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2017 Targets

MFO 1: PALAWAN SUSTAINABLE DEVELOPMENT POLICY SERVICES

Formulation and Coordination of Plans, Policies and Programs on Environmental Protection,
Conservation and Development of Palawan

Number of plans and policies developed and issued or updated and disseminated	21
Percentage of stakeholders that rate the PCSD policies as good or better	69%
Average percentage of plans and policies reviewed over the last 2 years	4%

MFO 2: PALAWAN SUSTAINABLE DEVELOPMENT REGULATION SERVICES

Issuance of Clearances

Number of permit and clearances issued	200
Percentage of permit/clearance holders incurring 1 or more violations in the last 3 years	10%
Percentage of permit/clearance applications acted upon within 7 working days from date of receipt	96%

Monitoring

Number of establishments and facilities monitored and/or inspected with reports issued	200
Percentage of submitted reports that resulted in the issuance of notice of violations and penalties imposed	10%
Percentage of establishments and facilities that have been inspected more than twice in 2 years	90%

Enforcement

Number of potential violations and complaints acted upon and reports issued	30
Number of persons and entities with 2 or more recorded violations in the last 3 years as a % of total number of violators	2
Percentage of detected violations that are resolved or preferred for prosecution within 7 days	85%

NOTE : Exclusive of Targets funded from other sources, e.g. Special Account in the General Fund.