

DENR ADMINISTRATIVE ORDER No. 2025- 23_

SUBJECT:

AMENDING DENR ADMINISTRATIVE ORDER (DAO) 2016-12 SERIES OF 2016, AND THE PHILIPPINE BIODIVERSITY STRATEGY AND ACTION PLAN (PBSAP) 2015-2028; AND ESTABLISHING A MECHANISM FOR ITS IMPLEMENTATION

In recognition of the crucial role of biodiversity in underpinning ecosystem services essential for national development and human well-being, including food, water, medicine, and refuge, and to reflect new global commitments under the Kunming-Montreal Global Biodiversity Framework, there is a need to strengthen the Philippines's national biodiversity roadmap.

Recognized as one of the world's megadiverse countries, the Philippines holds immense potential for nature-based solutions that address climate change, safeguard livelihoods, and restore ecosystems. Harnessing this potential requires an updated coherent national strategy.

Accordingly, in order to update the Philippine Biodiversity Strategy and Action Plan (PBSAP) 2015-2028, adopted through Department of Environment and Natural Resources (DENR) Administrative Order No. 2016-12 series of 2016, this Order is hereby issued:

SECTION 1. Basic Policies.

- 1.1. It is hereby declared the policy of the State under Article II, Section 16 of the 1987 Philippine Constitution to protect and advance the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature.
- 1.2. The Philippine Development Plan (PDP) recognizes biodiversity as a key resource of the country that enables the achievement of various developmental outcomes.
- 1.3. The National Adaptation Plan (NAP) 2023–2050, which builds on the National Framework Strategy on Climate Change (NFSCC), highlights biodiversity as a critical component of national climate resilience.
- 1.4. The National Climate Change Action Plan (NCCAP) supports the integration of biodiversity conservation and ecosystem-based approaches into climate change adaptation and mitigation strategies.

- 1.5. CBD Decision 15/4, which adopted the Kunming-Montreal Global Biodiversity Framework (GBF), provides a global strategic plan for the implementation of the Convention on Biological Diversity, to which the Philippines is a Party.
- 1.6. Section 46 of the General Appropriations Act (GAA) of 2024 or Republic Act No. 11975 and Section 43 of the GAA of 2025 or Republic Act No. 12116, mandates all government agencies, including local government units (LGUs), state universities and colleges (SUCs), and government-owned and -controlled corporations (GOCCs), to support the implementation of the Kunming-Montreal Global Biodiversity Framework.

SECTION 2. Objectives. The PBSAP is strengthened to provide a clear, coordinated, and accountable roadmap for biodiversity conservation and sustainable use, in response to the urgent need to address biodiversity loss and in alignment with national priorities and international commitments.

Specifically, the PBSAP is updated achieve the following objectives:

- 2.1. To institutionalize the PBSAP 2024-2040 as the national roadmap for biodiversity conservation;
- 2.2. To establish an Advisory Committee co-chaired by DENR and the Department of Economy, Planning, and Development (DepDev);
- 2.3. Strengthen Sub-Committee on Biological Diversity, under the Philippine Council for Sustainable Development, as the technical oversight body;
- 2.4. Institutionalize a web-based Monitoring and Evaluation System for tracking progress and ensuring accountability across government agencies;
- 2.5. Promote the mainstreaming of biodiversity objectives across national, regional, and local development plans, climate strategies, and sectoral programs; and
- 2.6. Enable interagency and multi-stakeholder coordination and partnerships, with due recognition of the role of Indigenous Peoples and Local Communities (IPLCs), and civil society.

SECTION 3. Adoption of the PBSAP. The PBSAP 2024-2040 is adopted as the country's roadmap for biodiversity conservation that integrates and mainstreams the CBD's objectives into the national development and sectoral plans and programs. It is attached as **Annex "A"** and made an integral part of this Order.

SECTION 4. Implementation of the PBSAP. The Department of Environment and Natural Resources (DENR), through the Biodiversity Management Bureau

(BMB), is hereby authorized to coordinate the implementation of the PBSAP with the plans and programs of the concerned national government agencies (NGAs), local government units (LGUs), government-owned and controlled corporations (GOCCs), civil society organizations (CSOs), government financial institutions, state universities and colleges, and the private sector.

SECTION 5. Capacity Development. The DENR through the BMB shall subsequently provide technical assistance and capacity building and develop materials in relation to PBSAP 2024-2040. It shall also conduct corresponding training, seminars, and workshops for concerned DENR Offices and relevant stakeholders upon approval of this Order.

SECTION 6. Funding and Budgetary Requirements. The DENR shall allocate sufficient funds to support the full implementation of PBSAP 2024-2040 for DENR-related activities, subject to existing laws, rules, and regulations. All relevant agencies and partners may also allocate funds to support its implementation.

SECTION 7. Separability Clause. If any provision of this Order shall be held invalid or unconstitutional, the other portions or provisions hereof which are not affected shall continue in full force and effect.

SECTION 8. Repealing Clause. All Administrative Orders and other similar issuances inconsistent herewith are hereby revoked, amended, or modified accordingly.

SECTION 9. Effectivity. This Administrative Order shall take effect immediately after its publication in a newspaper of general circulation and upon acknowledgment of the receipt of the copy thereof by the Office of the National Administrative Register (ONAR).

Publication: Daily Tribune

July 12, 2025

Acknowledgement: ONAR, U.P. Law Center July 17, 2025

MARIA ANTONIA Secretary



Philippine
Biodiversity
Strategy and
Action Plan

2024-2040

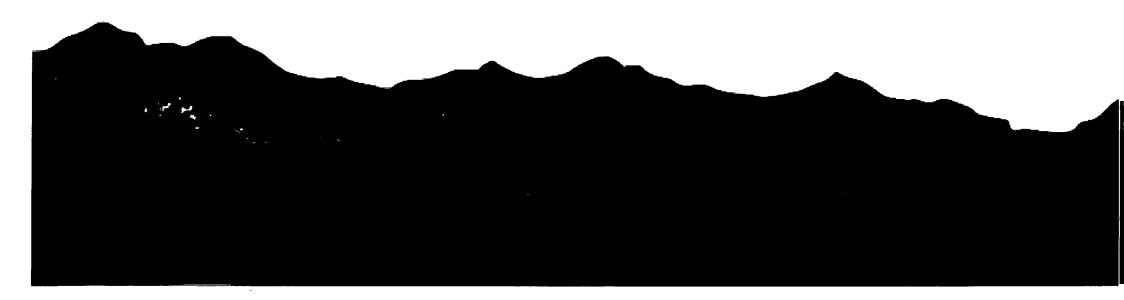
Biodiversity nurtured resiliency improved ...Our future secured

VISION

By 2040, Philippine biodiversity is valued, enhanced, effectively conserved and managed through inclusive and transformative actions delivering climate-resilient ecosystems and sustained benefits to Filipino communi-

Philippine Biodiversity Strategy and Action Plan (PBSAP)

2024-2040



About the Cover

The cover of the Philippine Biodiversity Strategy and Action Plan 2024-2040 showcases six (6) flora and fauna species, highlighting the rich and abundant biodiversity of the Philippines and emphasizing the significance of conservation, protection, and sustainable management of biodiversity.

From top to bottom: (1) Jade vine (Strongylodon macrobotrys); (2) Philippine Eagle (Pithecophaga jefferyi); (3) Tamaraw (Bubalus mindorensis); (4) Philippine cockatoo (Cacatua haematuropygia); (5) Hawksbill turtle (Eretmochelys imbricata); (6) Dugong (Dugong dugon) -- Photo credits: Ms. Yvette Lee.

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Printed in the Philippines

ACKNOWLEDGEMENTS

In line with the adoption of the Kunming Montreal Global Biodiversity Framework (KMGBF) by the 15th Conference of the Parties to the Convention on Biological Diversity, the Department of Environment and Natural Resources through the Biodiversity Management Bureau (DENR-BMB) has developed the 2024-2040 Philippine Biodiversity Strategy and Action Plan (PBSAP).

Since February 2023, the DENR-BMB conducted a series of consultation workshops involving various stakeholders across the country. The consultations involved more than a thousand participants from National Government Agencies, Civil Society Organizations, Indigenous Peoples groups, Local Government Units and local communities, academic institutions, development partners and the private sector.

The DENR-BMB would like to express its deepest gratitude to all organizations and individuals, men and women, including the youth who participated and provided valuable inputs during the entire PBSAP updating process.

The BMB worked with a number of experts to ensure the success of the updating process, to wit: Mr. Wilbur Dee, Mr. Eduardo Queblatin, Dr. Vincent Hilomen, Dr. Shiela Vergara, Atty. Elpidio Peria, For. Ricardo Calderon, Ms. Anabelle Plantilla, Ms. Lisa Paguntalan-Marte and Philippines Biodiversity Conservation Foundation Team, Dr. Jerome Montemayor, Mr. Anthony Foronda, Dr. Arvin Diesmos, and Ms. Jacqueline Bacal; Writer: Dr. Christine Casal; and Overall Facilitator: Ms. Socorro Feliciano.

To the members of the Biodiversity Multi-Stakeholders Advisory Committee (BMSAC) who also provided technical guidance and to countless other supporters of Philippine Biodiversity, who contributed in various ways, BMB is extremely grateful.

Funding for the PBSAP Updating Process was provided by the Government of the Philippines, Department of Environment and Natural Resources (DENR) - Biodiversity Management Bureau (BMB), Forest Foundation Philippines (FFP), Foundation for Philippine Environment (FPE), USAID-Sustainable Intervention for Biodiversity, Ocean and Landscapes (SIBOL) Project, and United Nations Development Programme (UNDP)/Global Environment Facility (GEF) Projects: Biodiversity Finance Initiative (BIOFIN), Early Action Support (EAS), Access and Benefit Sharing (ABS), and the Integrated Approach in Management of Major Biodiversity Corridors in the Philippines (BDCorridor). Lay-out and printing was supported by Wildlife Conservation Society (WCS).

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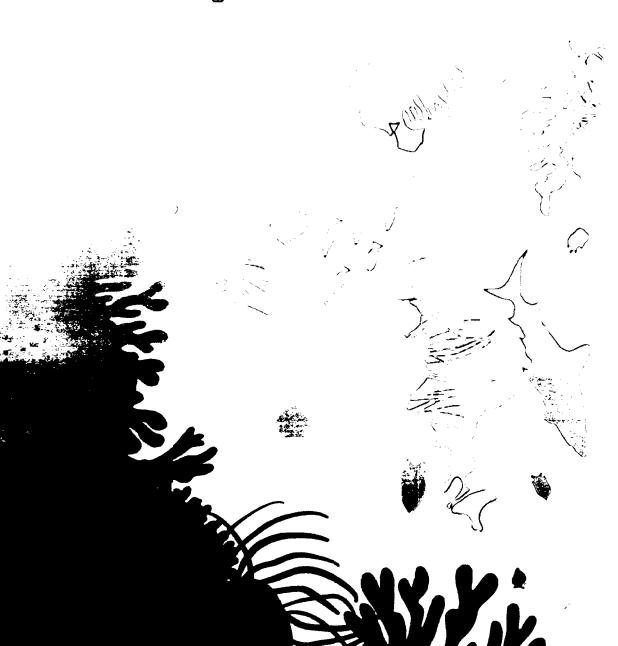
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FOREWORD

This publication presents the highlights of the Philippine Biodiversity Strategy and Action Plan 2024-2040, the country's roadmap for conserving and managing biodiversity It is aligned with global, national and sectoral development and planning frameworks such as the Kunming-Montreal Global Biodiversity Framework (KMGBF), the Sustainable Development Goals (SDGs), the Philippine Development Plan (PDP), and the National Adaptation Plan (NAP) It is the fourth and latest update of the Philippine Biodiversity Strategy and Action Plan, which was first developed in 1997 as part of the country's commitments to the Convention on Biological Diversity

The government recognizes the importance and contribution of biodiversity conservation to achieve inclusive and sustainable growth and fully supports the PBSAP as evidenced by annual national budget provisions since 2016 This is currently specified in Sections 46 and 47 of the General Appropriations Act of 2024

The PBSAP was formulated with the participation of more than a thousand individuals representing nearly 300 agencies and organizations from the government, private sector, academe, media, Non-Government Organizations, People's Organizations both at the local and international levels This multistakeholder process ensured that the PBSAP was developed with a comprehensive understanding of the country's priority needs The successful implementation of the plan relies on the specificity of the targets and indicators, financing needs and strategies, monitoring mechanisms, institutional arrangements and responsibilities

Anchored within the goals of the Philippine Development Plan, the PBSAP 2024-2040 works towards the vision that "By 2040, Philippine biodiversity is valued, effectively conserved and managed through inclusive and transformative actions delivering climate-resilient ecosystems and sustained benefits to Filipino communities"

PBSAP 2024-2040: Biodiversity nurtured resilienty improved

...Our futüre secured

MESSAGE FROM THE DENR SECRETARY



As we embark on a journey to protect and restore our natural heritage, the Philippine Biodiversity Strategy and Action Plan (PBSAP) acts as a compass This comprehensive framework describes the prominent goals, targets and indicators, and concrete actions required to save and conserve our biodiversity for present and future generations

Aligned with our new guiding statement "Biodiversity nurtured, resiliency improved, our future secured," this vision emphasizes the commitment that by 2040, Philippine biodiversity will be valued and effectively conserved and managed through inclusive and transformative actions, delivering climate-resilient ecosystems and sustained benefits to Filipino communities. The PBSAP recognizes the critical need to address the most severe challenges to our biodiversity, such as habitat loss and fragmentation, climate change, over-exploitation, uncontrolled invasion by alien species, political, and institutional challenges

By adopting the initiatives indicated in this plan, we hope to build a more resilient and sustainable future for our people and the world

fuige all stakeholders; including government agencies, civil society organizations, academe, private sector, indigenous people and local communities, to support the PBSAP Together, we can leave a lasting legacy of block versity projection and sustainable development in the Philippines

lejjus accept our responsibilities as sieward of this biodiversity and strive endlessly to ensure that the Philippines remains a global leader in biodiversity conservation

Deportment of Environment and Natural Resources



SUMMARY

The edoption of the Kunning-Montreal Clobal Biodiversity Framework (KMCBF) during the 15th Conference of Ruttes to the Convention on Biological Diversity in December 2022 provides the global priorities to reach the global vision of a world living in harmony with nature by 2050 These priorities pinpoint a water land argent actions to half and reverse biodiversity loss

The Hillippines, an audited agreeming its recognized with high block verify and beests of a dish array of unique species and exceptions. However, this in redible block verify is under significant threat from verifous factors all mails change, pollution, overexploitation, spread of investive allong peaks, and habitat best and from mail to the first best and from th

These combined threats at printered the solution of block versity conservation.

The second confidence of block versity conservation are the second comprehensive and coordinated approach given the interconnected ness of these threats and the multiferested nature of block versity conservation.

The KMCBF aspires to stop and reverse biodiversity loss by acticly zing, and bling, and mobilizing arguments from the action by Covernments, subnational, and local authorities, with the involvement of all society (inclusive participation) The Framework includes twenty-three (23) action-oriented global targets for the decade leading up to 2030 and four (4) long-term goods for the year 2030

"Strong, cohesive and scalable ecosystem-based responses to the increasingly complex challenges has become the imperative. This dictates that it is in our greatest interest to collaborate to co-create solutions and innovate".

National Consultation on the Updating of the Philippine Diudiversity Strategy and Action Plan in line with the Kunming-Montreal Global Biodiversity Framework. August 2024

The PBSAP is aligned with the KMGBF global goals which emphasizes the importance of mainstreaming biodiversity into national and local development plans, policies, and programs The PBSAP outlines specific goals, targets and indicators aimed at conserving biodiversity while promoting sustainable development The PBSAP 2024-2040 will ensure that the country will be put under spatial planning to ensure a more holistic approach to conservation Expanding the areas protected (30 x 30) and restored will contribute to the conservation (decrease risk of species extinction), management and sustainable use of biodiversity It takes the biogeographic approach in biodiversity conservation and management in both land and sea, looking into interconnectedness of the species and ecosystems within biogeographic realms, and the uniqueness of each specific realm within the country It further includes the management of invasive alien species; minimizing impacts of climate change and reduction of pollution and ensuring the fair and equitable sharing of benefits from genetic resources Furthermore, the PBSAP emphasizes the need for local community involvement, recognizing that indigenous peoples and local communities are crucial stewards of biodiversity Through capacity-building initiatives, education, and awareness campaigns, the plan seeks to empower communities to participate actively in conservation efforts

By promoting sustainable use of natural resources and integrating biodiversity values into national accounting systems, the plan aims to demonstrate that conservation can go hand-in-hand with economic growth protecting the environment while supporting livelihoods and enhancing resilience to climate change impacts

The Philippine Biodiversity Strategy and Action Plan (2024-2040) represents a comprehensive framework for conserving the nation's biodiversity, underscoring the necessity of a whole-of-government and whole-of-society approach, as every action is intertwined with another By working together and through transformative actions, the Philippines can achieve sustainable development while improving the well-being of its people



PHILIPPINE BIODIVERSITY

The Philippines is one of the 17 megadiverse countries in the world, with significant number of endemic species This archipelagic country is composed of 7,641 islands with a total land area of 298,170 km2, it has 02% of global land mass

It is bounded by 36,289 km of coastline and surrounded by 586,435 km2 of archipelagic waters, 134,52553 km2 continental shelf (including the Philippine Rise) and 78,02594 km2 from PD 1596 which includes the Kalayaan Group of Islands

The Philippines is part of the Global Ocean Alliance (GOA) — a 77-country coalition led by the United Kingdom

GOA supports ambitious ocean action within the CBD, GBF, and 30 x 30 targets

Terestrial and Marine **Protected Areas**

114 Legislated Protected Areas (4.43 million hectares) 13 Proclaimed Protected Areas (1.11 million hectares) 121 initial components (2.26 million hectares)

3,865 **Identified Caves**

435 Caves within Protected Area 1,641 Caves assessed (259 within Protected Area) 864 Caves classifled (226 within Protected Areas)

according to their beneficial uses Class I - 150 caves; Class II - 578 caves; Class III - 136 caves

397 Caves with Management Plans (69 within Protected Areas)

563 Identified Inland Wetlands

223 Wetlands assessed (151 within Protected Areas) 99 with Wetlands Mänagement Plans (33 ore within

Protected Areas)

• Key Biodiversity Areas 228 (10,658,032 ha)

 Critical habitats 11 (16,289 ha)

Coral Reefs

1,257,684 ha

Seagrass Beds

498,341 ha

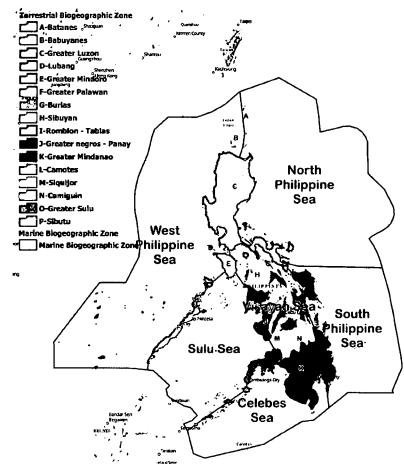
 Mangrove Forest 311,400 ha

Habitat Diversity

There are several identified realms in the Philippines (6 marine and 16 terrestrial areas) (DENR-UNEP, 1997), each with corresponding vibrant coral reefs and mangrove forests has uniqueness which gave rise to the diversity of habitats and ecosystems

This diversity of habitats and ecosystems, from lush rainforests and expansive wetlands to fostered the evolution of a myriad of unique and endemic species

Biogeographic Regions in the Philippines

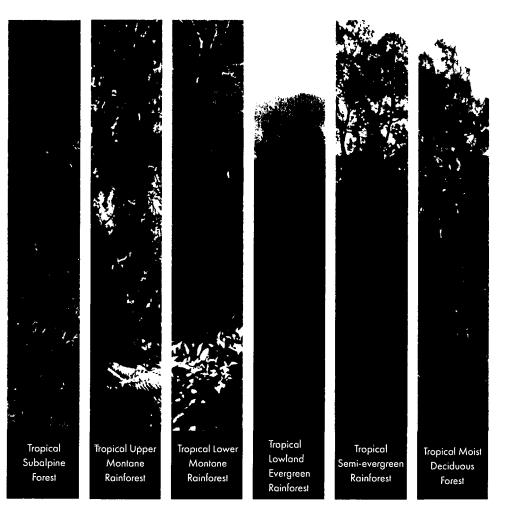


Source: Adopted and modified from DENR-UNEP, 1997

12 Forest formations

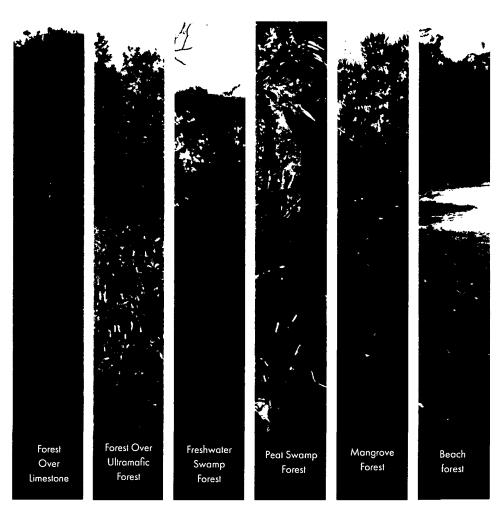
The Philippine forests are also highly diverse with 12 identified forest formations, each varying by elevation, soil type, water availability, and location These include tropical and mangrove forests, while peat swamp and lowland, lower montane, upper

montane, and subalpine rainforests, as well as forests over limestone and ultramafic rocks Coastal ecosystems are represented by beach freshwater swamp forests thrive



in waterlogged areas Additionally, tropical semi-evergreen rainforests and tropical moist deciduous forests add to the country's rich biodiversity

These forest types span inland, coastal, freshwater, and brackish water environments, highlighting the diverse ecological landscapes of the archipelago



The Turfle Island Wildlife Sanctuary (TIWS) is one of the major mesting grounds for hawksbill (*Eretmochelys imbricata*) and green sea; (*Chelonia mydas*) turtles and is crucial to the conservation and management of these species They are severely threatened, since leggs and meat are poached, traded and eaten

Region for Muslim Mindelnco

Texal-texal is also home to the Philippine-endents Sulv hombill (Anthraeoceras montrin), considered to be the rarest and most endangered hombill in the world due to its limited distribution range and low papulation numbers

Courently the Rittlppines has 141 (of the 621) ASEAN Hartiage Parks (ANH) stress 201 which are destignated as UNESCO World Herrico Stress Of the Journal 141 Philippine ANH, 4) are strated in luzon, 11 in the Wisayas and 9 are in Mindanco The TIWS is the 60th ANH site

Baguan Island, Turtle Islands, Taw

Species Diversity

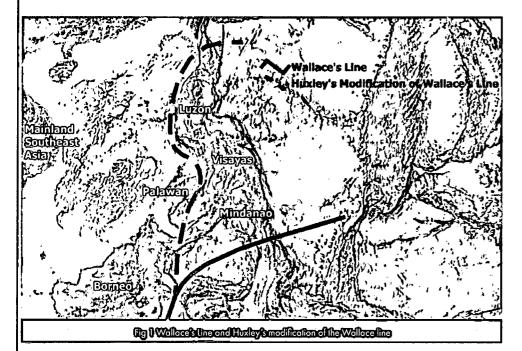


The Philippines' archipelagic nature and varied than 75% of its nearly 200 mammal species environmental conditions have driven high levelsound nowhere else on Earth The Philippines' of biodiversity and endemism, as species evolveunique biogeography has drawn global in isolation Geographic isolation, where physicatonservation attention, with many species being barriers prevent populations from mixing, leads single-island endemics The Wallace Line to genetic divergence and speciation Diverse separates Asian fauna from the marsupials of habitats, from coastal areas to mountainoaus Australia and New Guinea, while Huxley's forests, exert different selective pressures, fostering species adaptation through adaptive from the rest of Asia Aside from Palawan, which radiation Additionally, the founder effect, where is part of the Sunda Shelf, the rest of the small populations colonize new islands, drives archipelago is distinct In Mindanao, species rapid speciation Notably, species like the tarsierdistribution follows landscape-level differences, (Carlito syrichta) show significant genetic

With over 25,000 endemic species, the Philippines is a biodiversity hotspot, with more

variation across islands

modification further distinguishes the Philippines with certain species found only in specific biodiversity corridors like Eastern, Central, and Western Mindanao, highlighting the need for tailored conservation strategies at both landscape and habitat levels



The Philippines has numerous endemic species, with some only found in specific regions in the country, eg, species found only in particular islands or even lakes Each biogeographic region within the Philippines has its own unique species

Species unique to the Philippines per major biogeographic region



Photo credits

McGregor's pit viper - Charles Lee; Tablas drongo - Robert; Palawan flying fox and Sulu Hornbill - Godfrey Jakosalem; Nepenthes trucanta - Pelser, PB, JF Barcelona & DL Nickrent (eds) 2011 onwards Co's Digital Flora of the Philippines wwwphilippineplantsorg

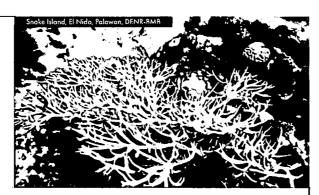
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THREATS TO PHILIPPINE BIODIVERSITY

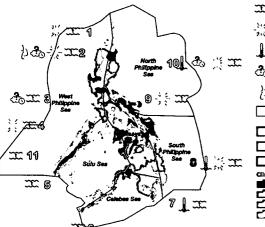


1. Climate Change

The country ranks 1st on the 2023 World Risk Index as the most vulnerable to disasters caused by extreme events. From 2011-2021, economic costs from natural hazards was PHP 673.3B in damages. Climate change worsens environmental pressures, endangering habitats and species, with economic impacts on fisheries, tourism, and ecosystems.



High Exposure Areas and High Risk Sites to Climate Change



Adapted and modified from the National Adaptation Plan of the Philippines, 2023; David, L., et al.,

The National Adaptation Plan

of the Philippines identifies 18

provinces as high exposure areas to climate change. Similarly, 18 provinces were also identified as high risk sites vis-à-vis fisher livelihood (David, L., et al., 2024).



2. Habitat Loss and **Fragmentation**

Forest cover in the Philippines decreased from 21 million hectares in the early 1900s to 7.2 million hectares, due to logging, agricultural expansion, and urban development.





3. Overharvesting

As of 2017, 10 of 13 major fishing grounds were overfished. In addition, illegal wildlife trade, valued at 50 billion annually, threatens endemic species and biodiversity.



4. Pollwiton

diverse stadepoin of enclarace and entire all about 169 million so the sofully generating 2.9 without the competence of the control of the contro 23% resyded in addition, all galls also contribute tomorine pollution. In Rebruory 2024), MT Princess Empressofiled 800,000 liters of industrial fuel of l th Oriental Mindozo, offerting MIMARORA, Regions VI, and CAVABARZON.



5. Invasive **Alien Species**

These disrupt native biodiversity and ecological processes through competition, predation, disease spread, and ecosystem alteration.



6. Institutional Challenges

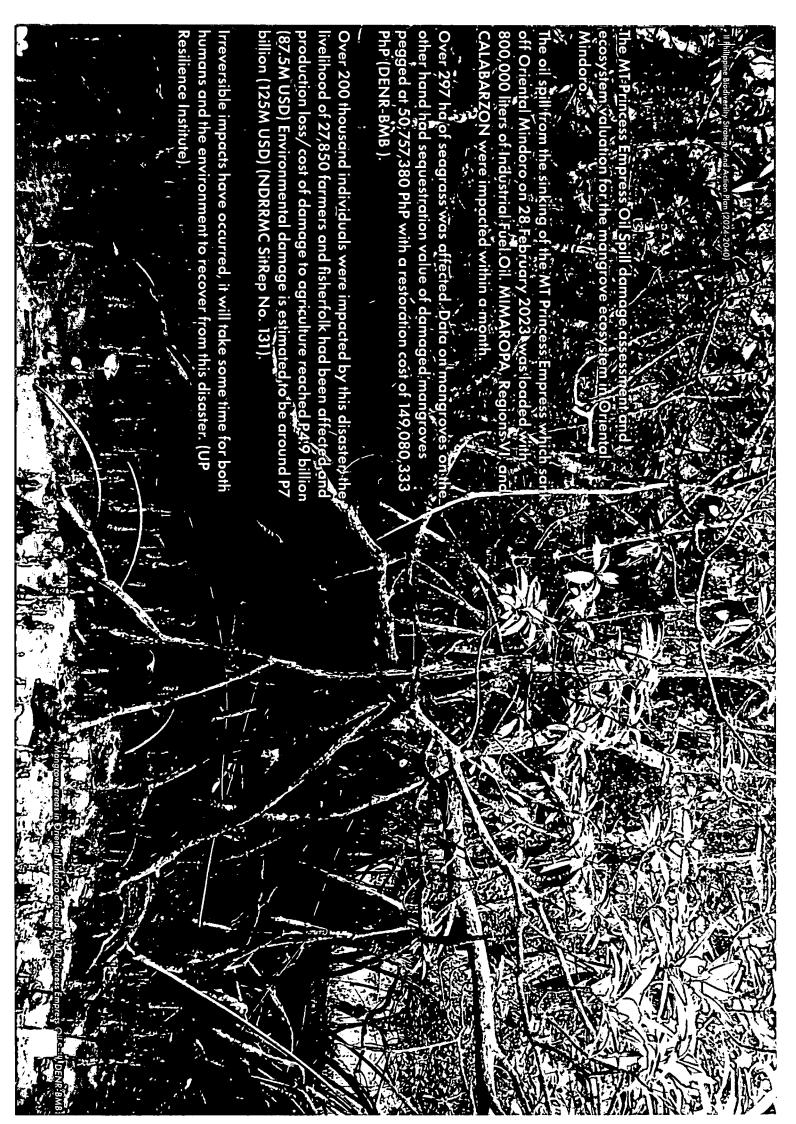
ecological contexts. However, biodiversity throats are complex and linterrelated, demanding lintegrated and collaborative strategies that go beyond conventional boundaries to ensure effective conservations





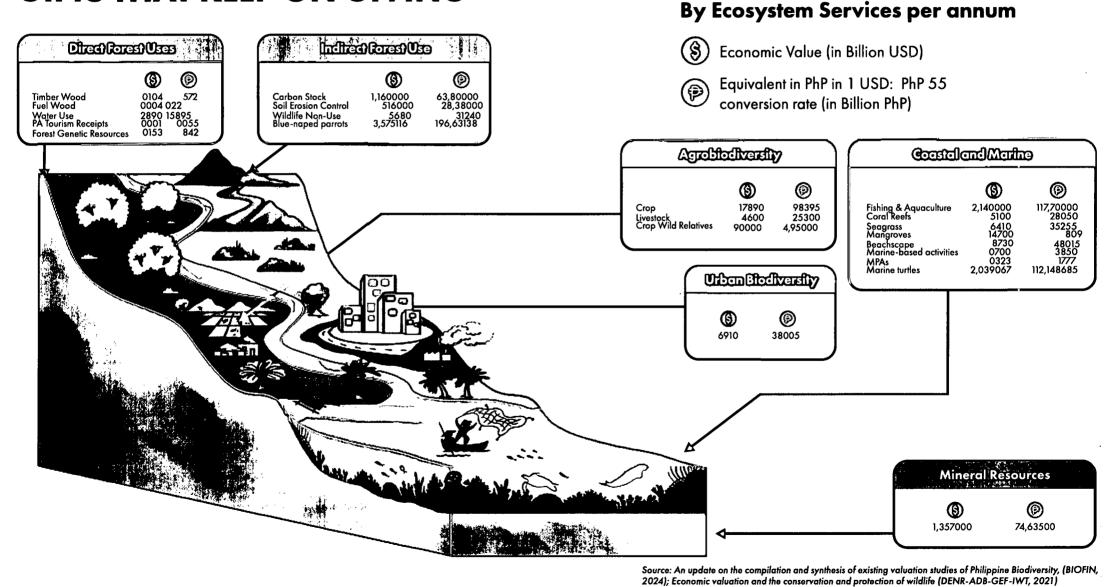


Government agencies frequently concentrate on their specific mandates, often overlooking broader



Summary Of Economic Valuation

ECOSYSTEMS: NATURE'S GIFTS THAT KEEP ON GIVING



LINKED TO INTERNATIONAL GOALS, GROUNDED ON LOCAL NEEDS

Kunming-Montreal Global Biodiversity Framework

The KMGBF-PBSAP Wheel shows the relationships between and among the different global and national goals and plans This highlights the interconnectedness of the global and national plans

The Philippine Biodiversity Strategy and Action Plan (PBSAP), the National Adaptation Plan (NAP), the Philippine Development Plan (PDP), and the Sustainable Development Goals (SDGs) all converge on the urgent need to address biodiversity loss, climate change, and sustainable development



P







SUSTAINABLE

National Adaptation Plan

Sectoral Outcome: Pillars for well-being and stability . Agriculture and Fisheries and Food and Security • Water Resources

- Ecosystems and Biodiversity Gultural Heritage and Population Displacement and Migration

Sectoral Outcome:

Factors underpinning Economic resilience

- Land Use and Human Settlements
- Livelihoods and industries
- Energy, Transport and Communication

Cross-cutting Outcomes:

- Risk assessment and Knowledge Management
- · Capacity development and Institutional Strengthening
- Technology transfer and development

KMGBF 1 Land and Sea Use Planning

- · Climate finance and resource mobilization
- Research and Development
- · Gender Equity, Diversity and Social Inclusion
- Stakeholder management, IEC and advocacy
- · Monitoring, Evaluation, Accountability and Learning

Kunming-Mantreal Global Biodiversity Framework

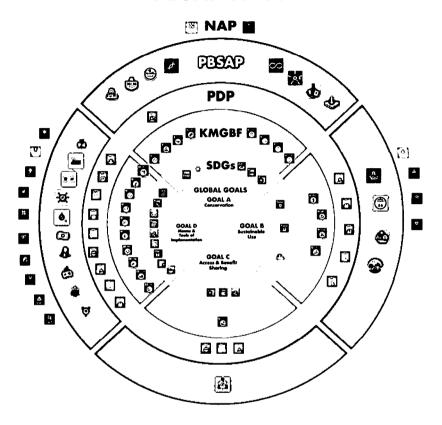
KMGBF 2 Ecosystem Restoration
KMGBF 3 Protect and Conserve Land and Sea
KMGBF 4 Active Management of Species and Genetic
Diversity Harvest, Trade, and Use of
KMGBF 5 Wild Species
KMGBF 6 Invasive Alien Species
KMGBF 7 Reduce Pollution
KMGBF 8 Minimize the Impact of Climate Change
KMGBF 9 Sustainable Use and Benefit-Sharing
KMGBF 10 Sustainable Management of Agriculture, Aquaculture, and Forestry
KMGBF 11 Regulation of Air, Hazards and Extreme Events
KMGBF 12 Increase Access to Green and Blue Spaces
Kait GBB Equitable Sharing of Benefits
from Genetic Resources Mainstreaming
Kiload Dibertis Inf
RANGEREBE Production and Supply Chains KMGBF 16
Eliminate Unsustainable Consumption
KMGBF 17 Manage Impacts of Biotechnology
KMGBF 18 Eliminate Harmful Incentives
KMGBF 19 Resource Mobilization
KMGBF 20 Strengthen Capacity Building and Developme

KMGBF 21 Traditional Knowledge, Awareness, Education and Research

KANGBF022n of IPLCs KMGBF 23

Gender Equality

PBSAP Wheel



Philippine Development Plan

Disaster Resilience

rur i	Fromole Social and Homan Development
PDP 2	Reduce Vulnerabilities and Protect Purchasing Power
PDP 3	Increase Income-earning Ability
PDP 4	Modernize Agriculture and Agribusiness
PDP 5	Revitalize Industry
PDP 6	Reinvigorate Services
PDP 7	Advance Research and Development,
	Technology, and Innovation
PDP 8	Promote Trade and Investments
PDP 9	Promote Competition and Improve Regulatory
	Efficiency
PDP 10	Ensure Macroeconomic Stability and Expand Inclusive
	and Innovative Finance Expand and Upgrade
PDP 11 PD	Articalineater eace and Security and
Enhance	,
	Administration of Justice
PDP 13	Practice Good Governance and Improve
	Bureaucratic Efficiency
PDP 14	Accelerate Climate Action and Strengthen

Promote Social and Human Development

17 Sustainable Development Goals

SDG 1 No poverty SDG					
2 Zero hunger					
SDG 3 Good health and well-being					
SDG 4 Quality education					
SDG 5 Gender equality					
SDG 6 Clean water and sanitation					
SDG 7 Affordable and clean energy SDG					
8 Decent work and economic growth					
SDG 9 Industry, innovation and infrastructure					
SDG 10 Reduced inequalities Sustainable cities					
SGD 11 and communities Responsible					
SDG 12 consumption and production Climate					
SDG 13 action					
SDG 14 Life below water					
SDG 15 Life on land					
SDG 16 Peace, justice, and strong institutions					
SDG 17 Partnerships for the goals					
30G 17 ratinerships for the goals					

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NOISIA GINTENITEXA AVSEA

The PRSAP 2024-2040/regline, "Biodiversity vanuatured, resiliency improved, our future descured, "Mighlights/the connection between nature and humanity, emphasizing/the need to protect/blockversity/while/building resilience ageins/dimate-dhonge-and convironmental degradation. By norduring ecosystems, the Philippines almoto safeguard matural resources vitalibarities economy and libratio cas, ensuring/the well-being of future generations.

The vision for 2020—where blockers ty is volued and conserved through inclusive, volued and conserved through inclusive, transformative craftons—collabor broad societal engagement in conservation. Whis vision promotes dimote-restlient ecosystems that provide essential services like deam off,

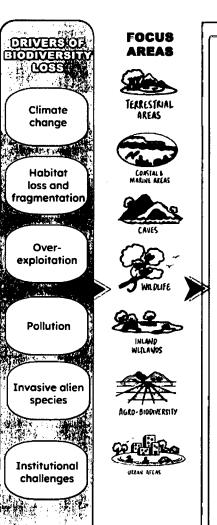
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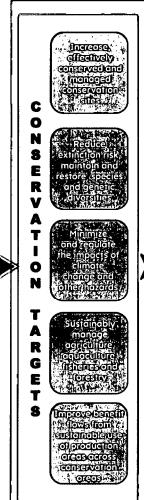


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PBSAP FRAMEWORK





2-PRONGED STRATEGIES Reducing Threats to **Blockversity** Meeting Reople's Needs ilioneld Systematic Use _and Beneff) Sharing_ **TOOLS AND SOLUTIONS** FOR IMPLEMENTATION AND MAINSTREAMING Knowledge management. Promotion of biodiversitycommunication education, and friendly public activities awareness Mainstreaming Capacity biodiversity development across relevant sectors Multi Stakeholder Strengthening **Partnerships** policy (inclusive and participative) Resource mobilization

OUTPUTS

Ecosystems Conservation

24% of terrestrial areas and 16% of sea areas protected 30% of degraded and denuded areas rehabilitated 9 sqm of green space per capita in 5 major cities

Wildlife/Species Conservation

10 in -situ and ex-situ gene banks, seed banks and nurseries of native species established and well-maintained 80% decrease in poaching incidents in PAs 80% compliance in vessel monitoring mechanism, harvest control measures, delineation of municipal waters 2 priority invasive alien species eradicated, controlled or managed in 10 protected areas

Emporason blodiversity

50% improvement in soil and water quality in target sites 20 effective nature-based solutions adequately funded and in place 6 Payment for Ecosystems Services agreements in place National protocol on biotechnology administration and handling operational

Durances and blodlycrefly

10 Nationally Important Agricultural Heritage Sites (NIAHS) recognized 6 Access and Benefit Sharing (ABS) agreements in place Companies report on nature-related financial disclosures Sustainable production and consumption policy and IRR under implementation

50% of upland agricultural subsidies with unintended environmental footprint repurposed towards biodiversity-friendly agricultural practices

Means of final amendation

Biodiversity is mainstreamed in plans/programs/ activities PBSAP financing gap narrowed by 20%

Mechanisms for collaboration and implementation institutionalized Indigenous Knowledge Systems and Practices (IKSP) institutionalized in biodiversity conservation activities, where appropriate

OUTCOMES

Resilient ecosystems

Improved human well-being

PBSAP 2024-2040 TARGETS AND INDICATORS

The PBSAP 2024-2040 will take the biogeographic approach in biodiversity conservation and management, looking into interconnectedness of the species and ecosystems within biogeographic realms, and the uniqueness of each specific realm within the country.

The first key target is to increase effectively managed conservation areas to 30% of the country's terrestrial and marine ecosystems by 2030. This ambitious "30x30" goal seeks economically viable. to enhance habitat protection and ensure ecological connectivity across various landscapes and seascapes.

The second key target is to reduce extinction risk, maintain, and restore species and genetic benefits to local communities through diversity. This includes actions to prevent species extinction, particularly for endangered and endemic species, and to protect the genetic diversity within species that is critical for their long-term survival.

The third key target is to minimize and reduce the impacts of climate change and other hazards and since the Philippines is highly vulnerable to climate-related disasters.

this target emphasizes the need for nature-based solutions like mangrove restoration, reforestation, and sustainable watershed management.

The fourth key target focuses on sustainably managing agriculture, aquaculture, fisheries, and forestry to ensure that these productive sectors are aligned with biodiversity conservation principles, promoting practices that are environmentally sound and

Finally, the fifth key target is to improve benefit flows from sustainable use of production areas across conservation areas ensuring that biodiversity conservation delivers tangible sustainable livelihoods, ecosystem services, and economic opportunities. Promoting biodiversity-friendly enterprises and equitable benefit-sharing mechanisms underscores the PBSAP's vision of creating a balance between conservation efforts and human well-being.



THEME 1: ECOSYSTEMS CONSERVATION









THEME 2: WILDLIFE/SPECIES CONSERVATION









THEME 3: IMPACTS ON BIODIVERSITY









THEME 4: BUSINESS AND BIODIVERSITY









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THEME 5: MEANS OF IMPLEMENTATION

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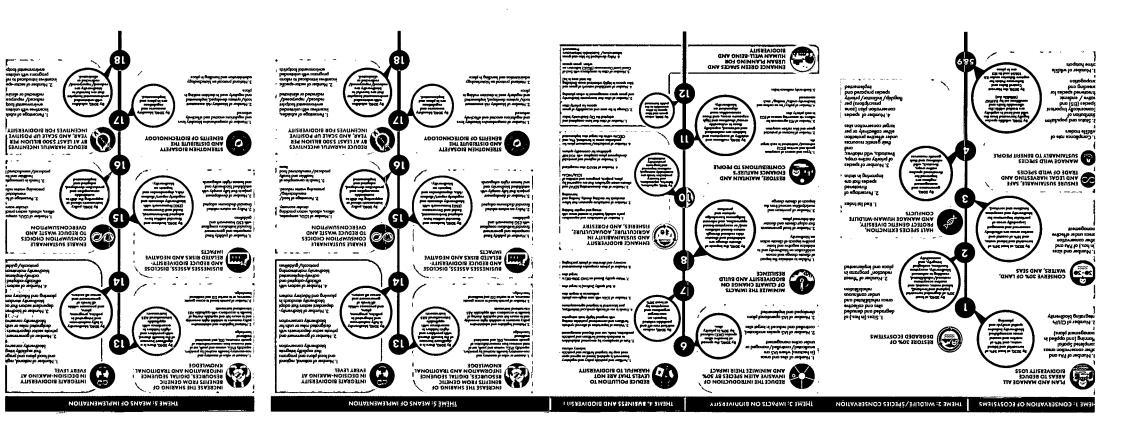








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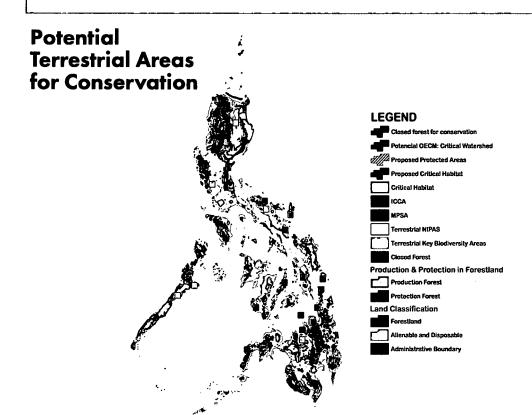


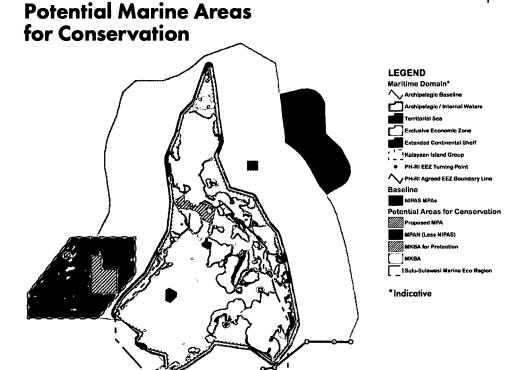
THE 30X30 TARGET

The 30x30 global target emphasizes the need protected and conserved areas provide to conserve at least 30% of terrestrial, inland essential habitats for wildlife, such as vast water, marine, and coastal areas by 2030.ln the Philippines, expanding protected areas and recognizing Other Effective Area-Based Conservation Measures (OECMs) is crucial for safeguarding the unique and diverse ecosystems, which host a rich array of endemic species, such as the critically endangered Philippine eagle. Adequate

hunting grounds needed by apex predators like the Philippine eagle.

The country aims to protect 24% terrestrial and 16% coastal and marine areas. covering 7.20 million hectares of Philippine land area and 35.24 million hectares of Philippine sea area by 2040.





Achieving this target is vital not only for preserving its globally significant biodiversity but also for maintaining ecosystem services that support the livelihoods of millions of Filipinos. Moreover, recognizing and respecting the rights of indigenous peoples and local communities in managing these areas ensures sustainable conservation outcomes and fosters stronger stewardship of natural resources. By expanding and effectively managing protected areas, the Philippines can protect its natural heritage, support sustainable development, and contribute significantly to global biodiversity conservation efforts.



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APPROACH A COMPREHENSIVE **IMPLEMENTING THE PBSAP:**

(EO) through the issuance of an Executive Order coordination mechanisms will be established their roles in achieving PBSAP targets, communities. To ensure these entities can fulfill organizations, indigenous peoples and local bodies, NGOs, academic institutions, private government units, inter-agency and interlocal of national government agencies, local requires the active and capable involvement The successful implementation of the PSSAP

Committee. Technical Working Group, the National agency with a co-chair, supported by a local levels. The DENR will serve as the lead operationalize PASA9 at the national and The EO will provide guidance on how to

> improvements include the following: previous iterations. Key strengths and development and implementation of its previous PBSAPs' learnings from the The PBSAP 2024-2040 builds on the

Specific/measurable targets

institutional arrangements \ansinplementing mechanisms\

government plans Synergy with other

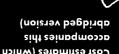
activities of the PBSAP and/or indicators and co-leading specific targets government agencies Identification of specific

accompanies this Cost estimates (which





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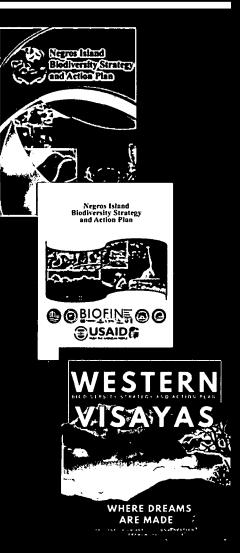
INITIATIVES TO IMPLEMENT THE PBSAP

Western Visayas BSAP: Pioneer in Localization

The current NIBSAP 2018-2028 is an example of the regionalization/localization of the PBSAP 2015-2028. Both regions have adopted the landscape-seascape integrated management approach. The two provinces, two regions, one island have similar goals and targets, however they have different actions and strategic approaches. Biodiversity financing allocated from local funds has also gone up over the years for both Negros Oriental and Negros Occidental, a clear indication of the importance of biodiversity in their lives. In 2022, the COP pushed forward the KMGBF and thus the NIBSAP needed to be aligned to these targets.

The Regional Development Council (RDC) supported the NIBSAP through their recommendation of RDC VI Resolution No. 145 in 2023 "Endorsing the crafting of the Western Visayas Biodiversity Strategy and Action Plan by DENR and BMB and enjoining the provincial LGUs and Regional line agencies to provide funding/technical support towards the successful formulation of this regional biodiversity plan".

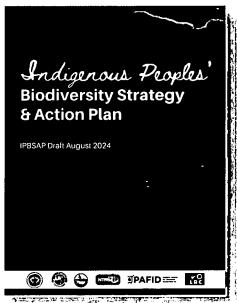
With the consolidation of the Negros
Oriental and the Negros Occidental, there
will be one BSAP, the WVBSAP.



A Case for Inclusion: The Indigenous Peoples' Biodiversity Strategy and Action Plan (IPBSAP)

The Indigenous Peoples' Biodiversity Strategy and Action Plan (IPBSAP) was formulated to support the Philippine targets after a series of consultations among Indigenous peoples representatives spanning over a period of one year. The first of its kind, the IPBSAP presented at the PBSAP National Consultation is a testament to the importance of the indigenous people's inclusion in the PBSAP (Target 22). Their unwavering stewardship of the forests is critical in the preservation of the country's rich biodiversity and ensures the sustainability of crucial ecosystems, indiaenous values, ways of life, knowledge systems and collective actions that have played a vital role in conserving and managing the land waters and resources within their territories.

A living document, the IPBSAP is formulated by and for indigenous peoples. "Our ancestors have been protecting nature at the cost of their lives. Let us be guided by the wisdom of our forebears and in turn, let us commit ourselves to protecting the planet and our country for the sake of future generations."







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Measuring What We Treasure: Natural Resource Accounting







The Sukat ng Kalikasan supports R.A. No. 11995 - (Philippine Environment and Natural Capital Accounting System (PENCAS), mandating comprehensive natural resource accounting - assessing the physical and monetary value of ecosystems and providing critical data for informed policymaking, resource allocation, and public awareness.

The Sukat ng Kalikasan framework offers science-driven, standardized guidance for evaluating biodiversity and ecosystem services at local, regional, and national scales by assigning economic values,

helping to bridge the gap between human demands and nature's capacity to meet them and aligning with the broader goals of biodiversity protection under the Global Biodiversity Framework (GBF) and the High Ambition Coalition for Nature and People (HAC) - a forward-thinking approach essential in achieving the 30x30 target and ensuring the long-term sustainability of the Philippines' rich biodiversity.

Private Sector Engagement: Energy Development Corporation Contribution

The Energy Development Corporation (EDC), largest renewable energy producer and the world's largest vertically integrated geothermal energy relies heavily on lush forests to sustain its reservoir, hence, comprehensive watershed management is crucial. It is a private corporation deputized to manage watersheds within 4 geothermal reservations covering 127,608 hectares of forestlands and implementing the Biodiversity Conservation and Monitoring Program (BCMP) as shown in the table below.

Geothermal Plant Location	КВА	Reservation (has.)	Forestland (has.)	Flagship Species
Bacon-Manito	Bacon-Mani-to	125,000	12,664	Mapilig, Golden-crowned Flying Fox
Tongonan	Anong-Lobi	107,000	47.930	Katmon bayani, Philippine Warty Pig
Palinpinon	Cuernos de Negros	133,000	66,313	Red Lauan, Visayan hornbill
Mt. Apo	Mt. Apo National Park	701	<i>7</i> 01	Almaciga. Apo Myna

By considering ecological, social, and economic factors, EDC's holistic approach to the conservation of flagship fauna promoted long-term viability and sustainability of conservation initiatives.

Knowing the importance of blodiversity and encountering them up does we have become more protective of the wildlife around our energysfies[®]

-Energy Development Corporation

PBSAP National Consultation Visual Summaries of the

