

The Philippine Biodiversity Strategy & Action Plan (PBSAP) 2015-2028

This project is
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Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety



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Confederaziun svizra

Bundesamt für Umwelt BAFU
Office fédéral de l'environnement OFE
Ufficio federale dell'ambiente UFAM
Office fédéral d'environnement OFE



Empower people
Resilient nations

PBSAP Planning Process

Creation/ Organization Project Implementation of Structure



National and local consultations (6) and Technical Working Group meetings



Formulation of Action Plans to implement specific activities under the PBSAP



Issuance of legal instrument to integrate PBSAP into all sectoral planning processes

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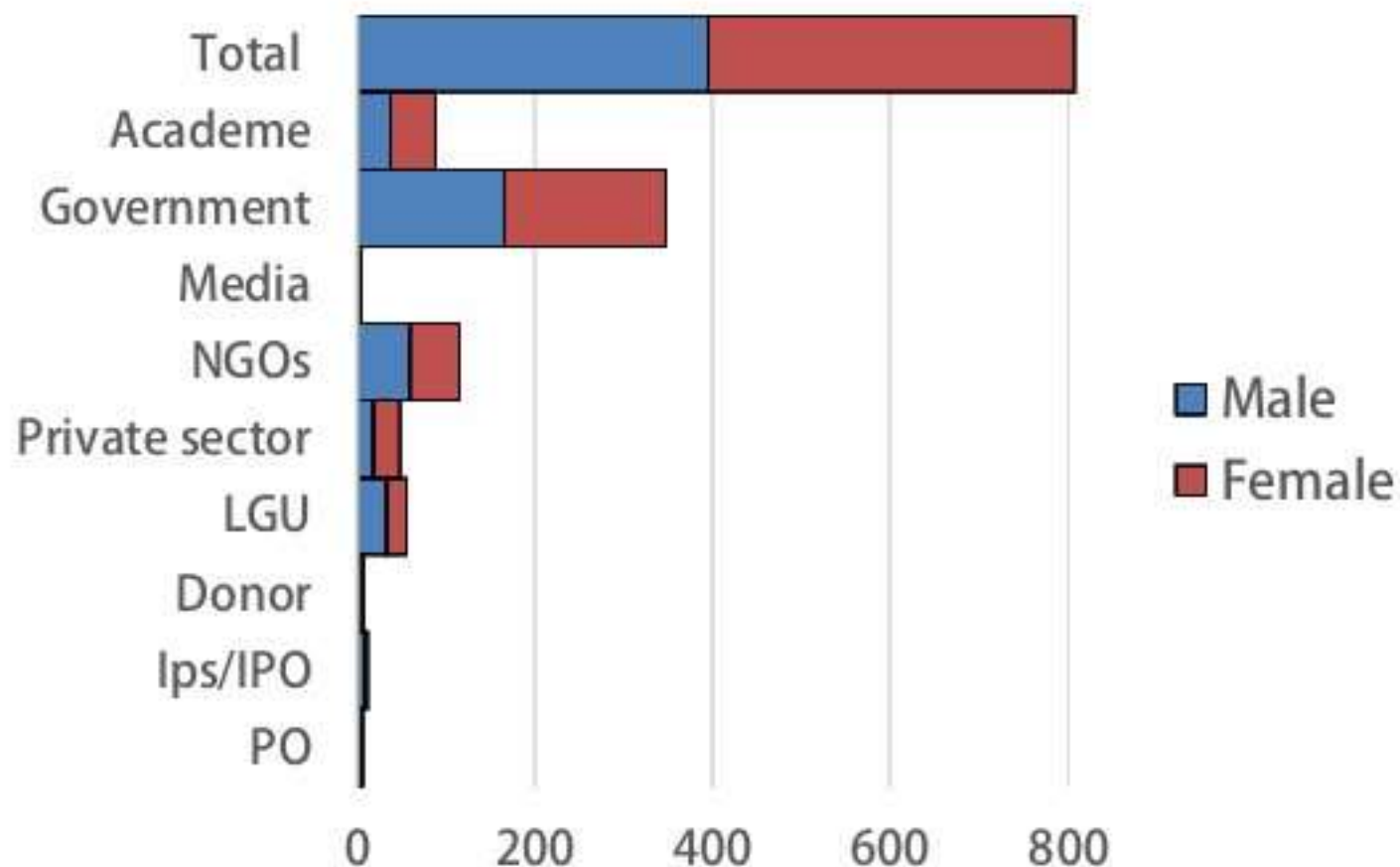
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Environnement
Développement
Humain

Profile of participants



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Environnement
Développement durable
Resilience nationale

Threats to Biodiversity

- Invasive Alien Species**
 - Species with no natural predators in new environment
 - Disrupt local ecosystems
 - Outcompete native species
 - Spread rapidly
 - Example: Kudzu in the US
 - Image: Kudzu plant
- Habitat loss**
 - Deforestation
 - Urbanization
 - Agriculture
 - Infrastructure development
 - Fragmentation of habitats
 - Loss of biodiversity
 - Example: Amazon rainforest
 - Image: Deforested land
- Climate Change**
 - Global warming
 - Sea level rise
 - Extreme weather events
 - Shifts in species distribution
 - Extinction of species
 - Example: Coral bleaching
 - Image: Bleached coral
- Overexploitation**
 - Overfishing
 - Overhunting
 - Overharvesting
 - Illegal trade
 - Loss of genetic diversity
 - Example: Endangered species
 - Image: Endangered species
- Pollution**
 - Air pollution
 - Water pollution
 - Soil pollution
 - Plastic pollution
 - Chemical pollution
 - Radioactive pollution
 - Loss of biodiversity
 - Example: Great Barrier Reef
 - Image: Great Barrier Reef

PBSAP Framework: INTERVENTIONS

Human Well-being

DIRECT			ENABLING				
Restoration of ecosystem functions	Promotion of Biodiversity-friendly livelihoods	Strengthening law enforcement	Communication, Education and Public Awareness	Capacity Development	Biodiversity Conservation-related Research	Strengthening Policy for BD Conservation	Promotion of Biodiversity-friendly technology

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Mondschap für Umwelt RARU
Office fédéral de l'environnement
Ufficio federale dell'ambiente (UFAM)
Office fédéral d'environnement (OFEM)



Environnement
Développement
Humain

PBSAP Framework: OUTPUTS

Human Well-being

OUTPUTS

Awareness
increased

Improved
capabilities

BD
integrated
into
development
plans

Ecosystem
functions
restored

BD
Friendly
livelihoods

Reduced
pollution

Sustainable
Practices

Controlled
IAS

INTERVENTIONS

DIRECT

ENABLING INTERVENTIONS

Restoration of
ecosystem
functions

Promotion of
Biodiversity-
friendly
livelihoods

Strengthening
law
enforcement

Communication, Education
and Public
Awareness
(CEPA)

Capacity
Development
for Biodiversity
Management

Biodiversity
Conservation-
related
Research

Strengthening
Policy for
Biodiversity
Conservation

Promotion of
Biodiversity-
friendly
livelihoods &
technology

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Empower people.
Reshape nations.

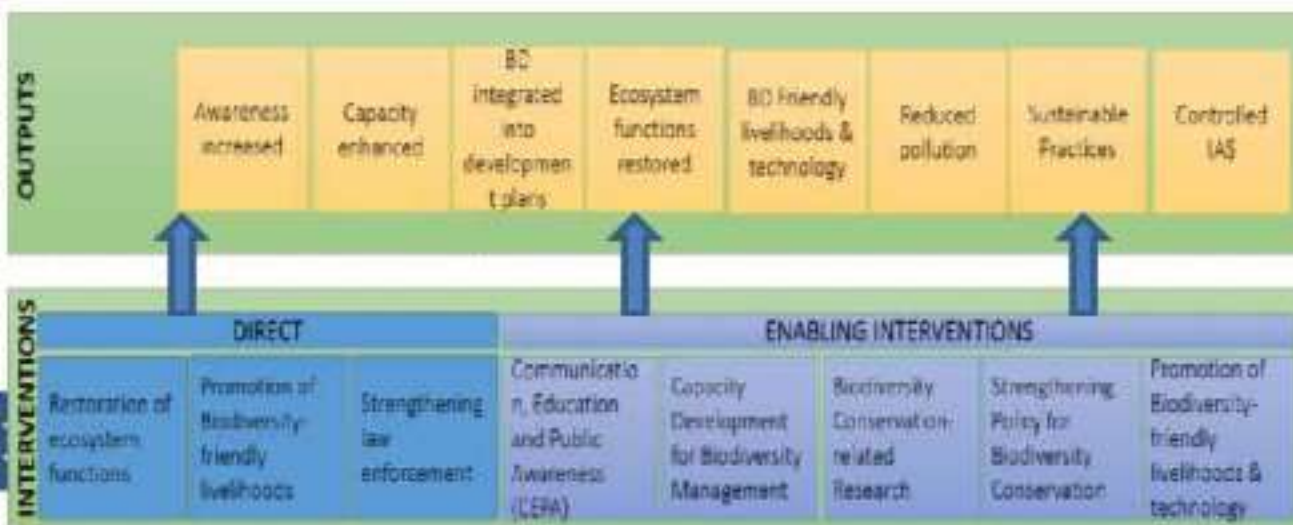
Framework: OUTCOMES

Human Well-being

OUTCOMES

Improved
Biodiversi
ty Status

Enhanced
Ecosystem
Services

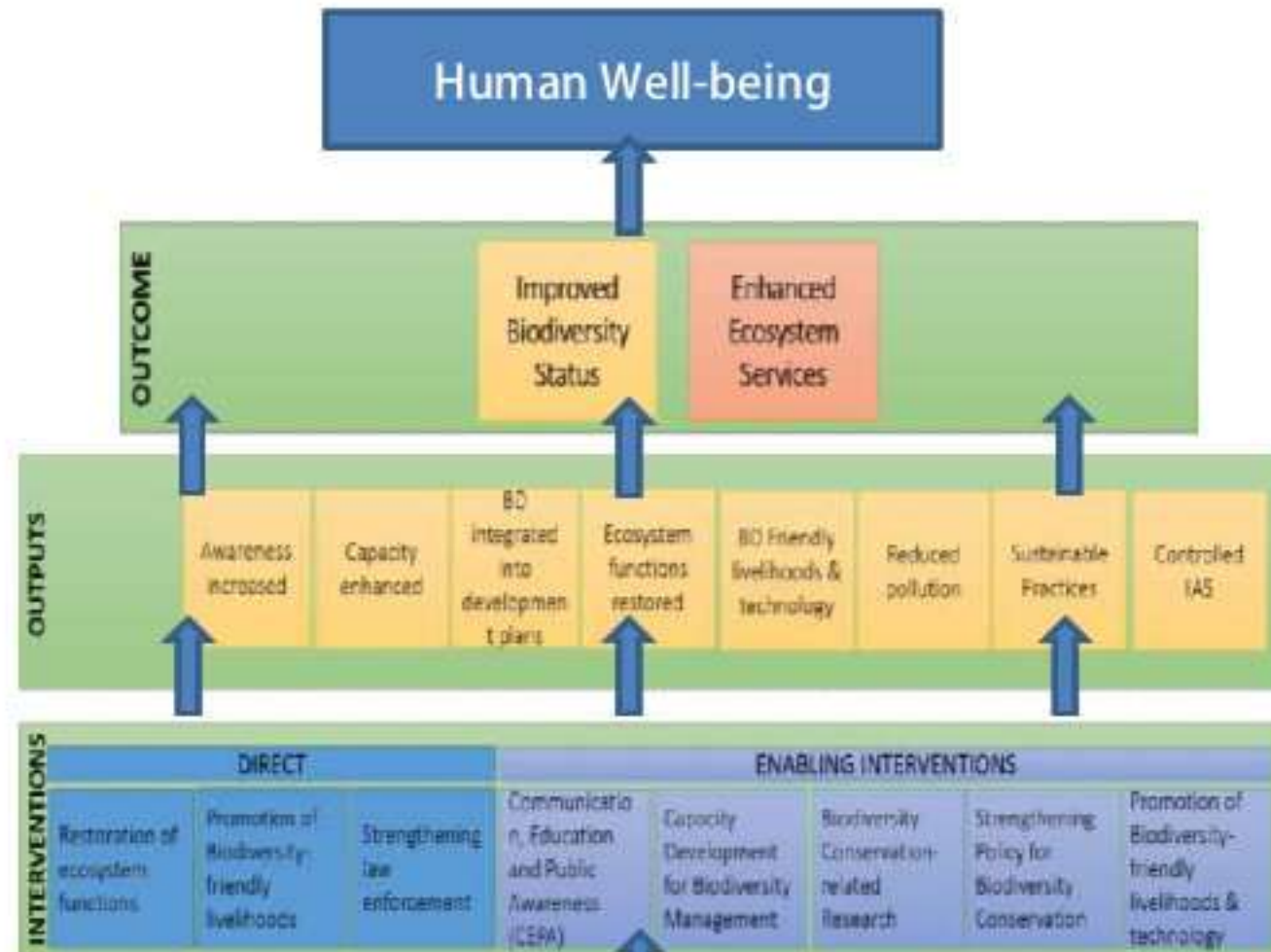


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Empowerment
Resilient nations

PBSAP Framework



DENR, DSWD, DBM, DA, CCC, NCIP, PCW, DOF, OPAEP, DOE, DPWH, PSA, DILG, DepEd, CHED, NDRRMC, Intellectual Property Office, NCCA, DOST, NHC, NAPC, LLDA, MMDA, DFA, DOTC, DAR, DTI, NBI, PNP, AFP, PCG, Academe, NGOs, Media, Private Sector,



Addressing drivers

By 2028, 1M has of degraded ecosystems will be under various stages of restoration

By 2028, 10% increase in total area from 2015 levels of terrestrial including inland wetland PAs managed through NIPAS and other conservation measures (ICCA, LCA) that overlap with KBAs

By 2028, 20% increase from 2015 levels in the coverage of established MPAs/sanctuaries across various aquatic habitats

By 2028, capacity for BD conservation of public and private sector groups in terrestrial and coastal and marine PAs will be strengthened



Addressing drivers

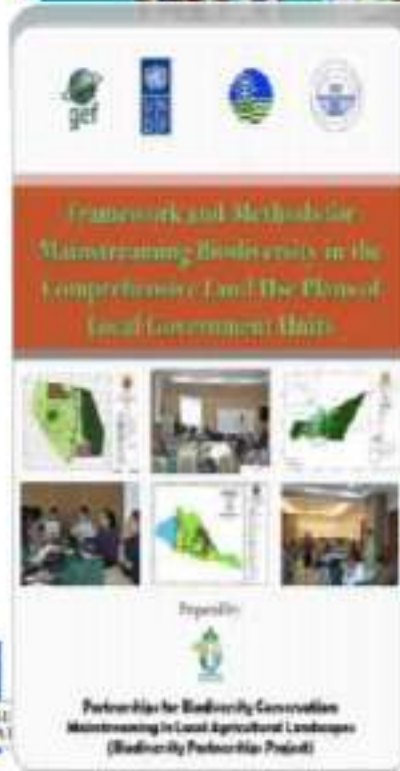
By 2028, 5% annual increase in the no. of schools, POs, media organizations, LGU, private companies, policy makers, government offices that are aware of BD, its importance, threats and benefits of protecting it

By 2028, there would be at least 10 nationally recognized agricultural heritage systems

By 2028, there will be improved conservation status of caves

By 2028, 50% of LGUs have formulated and adopted enhanced CLUP using revised HLURB framework

By 2020, relevant biodiversity conservation policies to address existing gaps are in place



Banaue Rice
Terraces



Threats reduction

By 2028, the key threats to biodiversity are reduced, controlled or managed

Boracay



sh in
2009.

A silted reef close to a mine tailing discharge site. Marinduque, Calanacan Bay, Philippines (J.W. McManus, from ReefBase)



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Flanders
Government

Annual Coastal Clean-up activity
by BMB

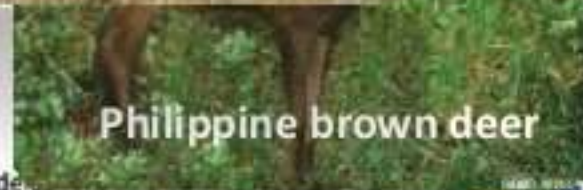
Biodiversity status

By 2028, maintained or improved conservation status of **nationally and globally threatened species** in the country

By 2028, no net loss in presence and area distribution of live coral cover, mangrove and seagrasses

By 2028, no net loss in **natural forest cover**

By 2028, 10% increase in agricultural areas devoted to all types of biodiversity-friendly agriculture



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Flanders
State of the North

Ministerium für Umwelt und
Klima
Ufficio Federal de l'ambiente
Ufficio Federal de l'ambiente (UFA)
Ufficio Federal de l'ambiente (UFA)



Empowering people
Resilient nations

Biodiversity status

By 2028, there will be a 5% increase in the proportion of terrestrial natural areas in the 5 largest cities

By 2028, over 50% of genetic diversity of cultivated plants and farmed and domesticated animals and wild relatives will be conserved or maintained

By 2028, the population of migratory bird species identified in selected wetlands along the East-Asian-Australasian Flyway (EAAF) will be maintained



Ninoy A



Candaba's Migratory Birds

Enhancement of ecosystem services

By 2028, ecosystem services provided by key biodiversity areas are enhanced

By 2028, fish stocks of economically important species maintained

Mt. Tapulao, Zambales, LCA



Empower people
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Human well be

By 2028, there will be
an annual increase of
at least 5% in
biodiversity
conservation related
jobs



Indigenous agriculture:
Sweet Potatoes in the Caraballo



Span of interventions on the ground



Camuigin Lansones



Piper adduncum

Ilosone



NAPWC



Protected areas and KBAs

Legend:



PAs

KBAs

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Executive Order No. 578 s 2006

ESTABLISHING THE NATIONAL POLICY ON BIOLOGICAL DIVERSITY,
PRESCRIBING ITS IMPLEMENTATION THROUGHOUT THE COUNTRY,
PARTICULARLY IN THE SULU SULAWESI MARINE ECOSYSTEM AND
THE VERDE ISLAND PASSAGE MARINE CORRIDOR

