

THE FILIPINO FORESTERS AND THE GLOBAL CHALLENGES IN FORESTRY

MARCIAL C. AMARO, JR., CESO II

Assistant Secretary for International Affairs
and Concurrent Director, Biodiversity Management Bureau
Department of Environment and Natural Resources

Plenary Session 2

Forging partnership with international forestry professionals



2023 National Conference

8-12 Nov 2023

Subic Bay Exhibition & Convention Center, Zambales



Society of Filipino Foresters, Inc.

Forestry

“... art, science, practice, and business of sustainable management of forest and forestland resources for the production of goods and services and the enhancement of benefits and values of such resources to provide the needs of the present and future generations”

RA 10690: *The Forestry Profession Act*
October 23, 2015



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Forestry

“... science of developing, caring for, or cultivating forests (1823)

“... science and craft of creating, managing, planting, using, conserving and repairing forests and woodlands for associated resources for human and environmental benefits. Forestry is practiced in plantations and natural stands.”

“... management of forested land, along with associated waters and wasteland, primarily for harvesting timber, but also for conservation and recreation purposes. The harvesting and replanting of timber are the primary activities of forestry, and the main objective is to maintain a continuous supply of timber through carefully planned harvest and replacement. Also include the application of other land controls, including the protection of wildlife and the protection of forests from weeds, insects, fungal diseases, erosion, and fire.”



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Forestry

“... management of forested land, together with associated waters and wasteland, primarily for harvesting timber. To a large degree, modern forestry has evolved in parallel with natural resources management.”

“... science or skill of growing and taking care of trees in forests, especially in order to obtain wood.”

“... act of planting and managing trees and forests. Forestry can help improve a region's biodiversity and soil quality, help fight climate change and provide valuable resources like lumber and shade.”

“... encompasses the science and practice of establishing, managing, using, and conserving forests, trees and associated resources in a sustainable manner to meet desired goals, needs, and values.”



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Professional forester

“... a registered and licensed natural person who holds a valid certificate of registration and a valid professional identification card issued by the Professional Regulatory Board for Foresters and the PRC ... ”

RA 10690: *The Forestry Profession Act*
October 23, 2015



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Professional forester

Any person who offers to perform or who performs for another whether for profit or not, any of the following services:

- scientific conservation and management of forests for the continuous and judicious utilization of forests and forest products
- forestry consultation, investigation, planning, preparation, and implementation of management plans for forest and national park areas and the determination of the suitability of public forest land for pasture or agricultural land
- logging, forest reconnaissance and timber estimate
- scaling and grading of logs and lumber
- identification of wood and other forestry products ...



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Professional forester

Any person who offers to perform or who performs for another whether for profit or not, any of the following services (cont.)

- administration, management and supervision of forest plantations and tree farm leases within public forests
- protection and conservation of game and wildlife
- preparation and implementation of reforestation and afforestation plans
- supervision of any forestry activity requiring the application of forestry principles
- and such other activities as related to forest protection, silviculture, and maintenance or restoration of necessary ecological balance

RA 6239: *The Forestry Profession Act*
June 19, 1971



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Forester

“... engaged in the practice of professional forestry.”

“... provides advice or services in relation to trees, forests, forest lands, forest resources, forest transportation systems, or forest ecosystems.”

“... engaged in a range of diverse jobs that can occur in the forest or in an office where plans and policies are decided and includes planning, advising, directing, approving, supervising, engaging in, and reporting services. Services may relate to inventory, classification, valuation, appraisal, conservation, protection, management, enhancement, harvesting, silviculture, and rehabilitation of trees, forest lands, forest resources, forest transportation systems, and forest ecosystems.”

“... a person who practices forestry - the science, art, and profession of managing forests. Engaged in a broad range of activities including ecological restoration and management of protected areas.”



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Forester

“... an expert in land and forest management who walks a careful balance between planning the usage of forest lands and protecting them. In other words, a forester's primary goal is sustainability.”

“... possesses a number of different skills, from tree identification and problem-solving to decision-making and long-range planning. One who gained practical knowledge in soil health, hydrology, ecosystems management, agriculture, wildlife preservation, and the timber supply chain.”

“Plans and directs forestation and reforestation projects. Determines methods of cutting and removing timber with minimum waste and environmental damage and suggests methods of processing wood for various uses. Directs suppression of forest fires and conducts fire prevention programs.”

“... a professional in charge of caring for, planting and managing trees or forests. Involved in a range of activities including restoration, conservation, timber harvest, and managing protected wooded areas.”



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Accredited Professional Organization

“... the organization integrating all associations, federations, and groups of licensed foresters that have been accredited by the Professional Regulatory Board for Foresters, subject to the approval of the PRC ... ”

RA 10690: *The Forestry Profession Act*
October 23, 2015



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The Society of Filipino Foresters, Inc. (SFFI) is the only accredited integrated professional organization (AIPO) of Foresters in the country as recognized by the PRC.

 All Foresters in the roster of Professional Regulatory Board for Foresters are automatically and without exception, members of SFFI Membership is via a recognized Provincial/Local Chapter.

PRC-registered Filipino Foresters: +/-16,000 (March 2018)
Foresters with valid PRC ID cards: 8,100 (2022)
4,000 (2012)



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United Nations Strategic Plan for Forests 2017–2030



GLOBAL FOREST GOALS

The United Nations Strategic Plan for Forests 2017–2030 provides a global framework for action to sustainably manage all types of forests and trees outside forests, and to halt deforestation and forest degradation.

At the heart of the Strategic Plan are six Global Forest Goals (GFGs) which directly support the UN Sustainable Development Goals.

- Provides an ambitious vision for global forests in 2030
- Forged at a special session of UN Forum on Forest in January 2017
- Adopted by UN General Assembly on 27 April 2017



SUSTAINABLE DEVELOPMENT GOALS



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SUSTAINABLE DEVELOPMENT GOALS



A shared vision –

All types of forests and trees outside forests are sustainably managed, contribute to sustainable development, and provide economic, social, environmental and cultural benefits for present and future generations



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United Nations Strategic Plan for Forests 2017–2030



GLOBAL FOREST GOALS

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SUSTAINABLE DEVELOPMENT GOALS



- Support the objectives of the international arrangement on forests
- Aimed at contributing to progress on SDGs, Aichi Biodiversity Targets, Paris Agreement adopted under UNFCCC and other international forest-related instruments, processes, commitments and goals



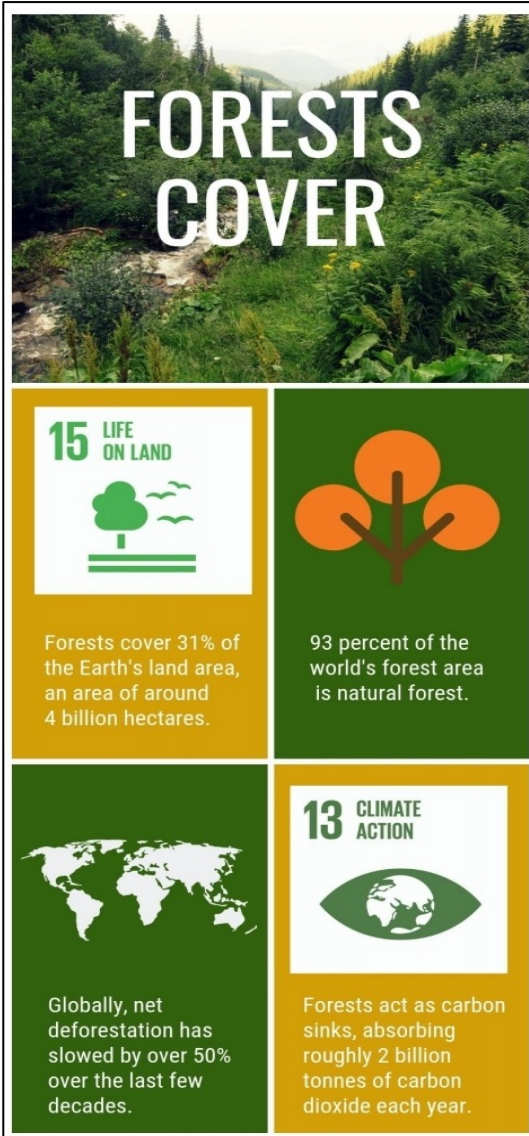
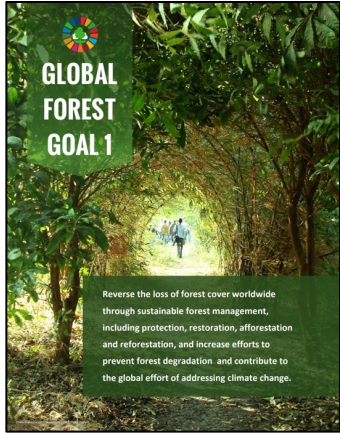
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GFG 1: Reverse Forest Cover Loss

Reverse the loss of forest cover worldwide through SFM, including protection, restoration, afforestation and reforestation, and increase efforts to prevent degradation and contribute to the global effort of addressing climate change.



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GFG 2: Improve Forest Benefits and Livelihoods

Enhance forest-based economic, social and environmental benefits, including by improving the livelihoods of forest-dependent people.



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15 LIFE ON LAND

80% of all terrestrial species live in forests.

Forests and trees support livelihoods, including of 2.5 billion people in smallholder agriculture.

17% of the world's forests are within legally-established protected areas.

7 AFFORDABLE AND CLEAN ENERGY

2.4 billion people use wood fuel for cooking, boiling water and heating.



GFG 3: Protect Forests and Use Sustainable Forest Products

Increase significantly the area of protected forests worldwide and other areas of sustainably-managed forests, as well as the proportion of forest products from sustainably managed forest.



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GFG 4: Mobilize Resources

Mobilized significantly increased, new and additional financial resources from all sources for the implementation of SFM and strengthen scientific and technical cooperation and partnerships.



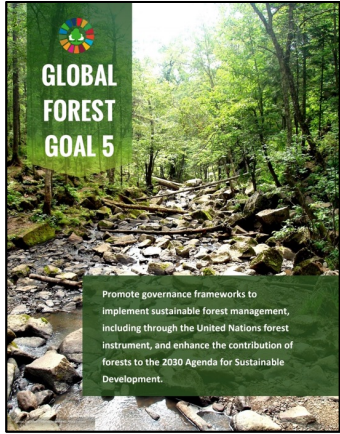
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FORESTS SUSTAIN US

<p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>  <p>1/3 of the world's largest cities draw their drinking water from forest watersheds.</p>	<p>2 ZERO HUNGER</p>  <p>Globally, 76 million tonnes of food comes from forests, 95% of which is plant-based.</p>
<p>7 AFFORDABLE AND CLEAN ENERGY</p>  <p>40% of our renewable energy is forest-based, that's = solar, wind and hydroelectric power all combined.</p>	<p>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</p>  <p>1.5 billion local and indigenous people have community-based tenure over forest resources.</p>



GFG 5: Promote Inclusive Forest Governance

Promote governance frameworks to implement SFM, including through the United Nations forest instrument, and enhance the contribution of forests to the 2030 Agenda for Sustainable Development.



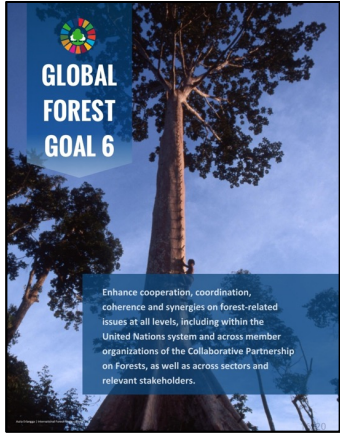
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FOREST STEWARDS

<p>15 LIFE ON LAND</p> <p>76% of the world's forests, an area of 3 billion hectares, are publicly owned.</p>	<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p> <p>By 2050, the world's population could reach 10 billion, requiring more forest products and services.</p>
<p>5 GENDER EQUALITY</p> <p>850 million people collect fuelwood or produce charcoal, 83% are women.</p>	<p>11 SUSTAINABLE CITIES AND COMMUNITIES</p> <p>Trees and parks clean our air, reduce stress, noise, improve health and build sustainable urban communities.</p>



GFG 6: Cooperate and Work Across Sectors

Enhance cooperation, coordination, coherence and synergies of forest-related issues at all levels, including within the UN system and across member organizations of the Collaborative Partnership on Forests, as well as across sectors and relevant stakeholders.



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Targets



1. Forest area is increased by 3% worldwide.
2. The world's forest carbon stocks are maintained or enhanced.
3. By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally.
4. The resilience and adaptive capacity of all types of forests to natural disasters and the impact of climate change is significantly strengthened worldwide.



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Targets



1. Extreme poverty for all forest-dependent people is eradicated.
2. Increase the access of small-scale forest enterprises to financial services e.g. affordable credit, and their integration into value chains and markets.
3. The contribution of forests and trees to food security is significantly increased.
4. The contribution of forest industry, other forest-based enterprises and forest ecosystem services to social, economic and environmental development, among other things, is significantly increased.
5. The contribution of all types of forests to biodiversity conservation and climate change mitigation and adaptation is enhanced.



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Targets

GFG 3: Protect Forests and Use Sustainable Forest Products



1. The area of forests worldwide designated as protected areas or conserved through other effective area-based conservation measures is significantly increased.
2. The area of forest under long-term management plans is significantly increases.
3. The proportion of forest products from sustainably-managed forests is significantly increased.



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Targets

1. Mobilize significant resources from all sources and at all levels to finance SFM and provide adequate incentives to advance such management, including for conservation and reforestation.
2. Forest-related financing from all sources at all levels e.g. public, private and philanthropic, is significantly increased.
3. North-South, South-South, North-North and triangular cooperation and public-private partnerships on science, technology and innovation in the forest sector are significantly enhanced and increased.
4. The number of countries that have developed and implemented forest financing strategies and have access to financing from all sources is significantly increased.
5. The collection, availability and accessibility of forest-related information is improved e.g. through multidisciplinary scientific assessments.



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Targets

1. The number of countries that have integrated forests into their national sustainable development plans and/or poverty reduction strategies is significantly increased.
2. Forest law enforcement and governance are enhanced e.g. significantly strengthening of national and subnational forest authorities, and illegal logging and associated trade are significantly reduced worldwide.
3. National and subnational forest-related policies and programs are coherent, coordinated and complementary across ministries, departments and authorities, consistent with national laws, and engage relevant stakeholders, local communities and indigenous peoples.
4. Forest-related issues and the forest sector are fully integrated into decision-making processes concerning land use planning and development.



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Targets

1. Forest-related programs within the UN system are coherent and complementary and integrate the GFGs and targets, as appropriate.
2. Forest-related programs across member organizations of the Collaborative Partnership on Forests are coherent and complementary and together encompass the multiple contributions of forests and the forest sector to the 2030 Agenda for Sustainable Development.
3. Cross-sectoral coordination and cooperation to promote SFN and halt deforestation and forest degradation are significantly enhanced at all levels.
4. A greater common understanding of the concept of SFM is achieved and an associated set of indicators is identified.
5. The input and involvement of major groups and other relevant stakeholders in the implementation of the Strategic Plan and in the work of the Forum is strengthened.



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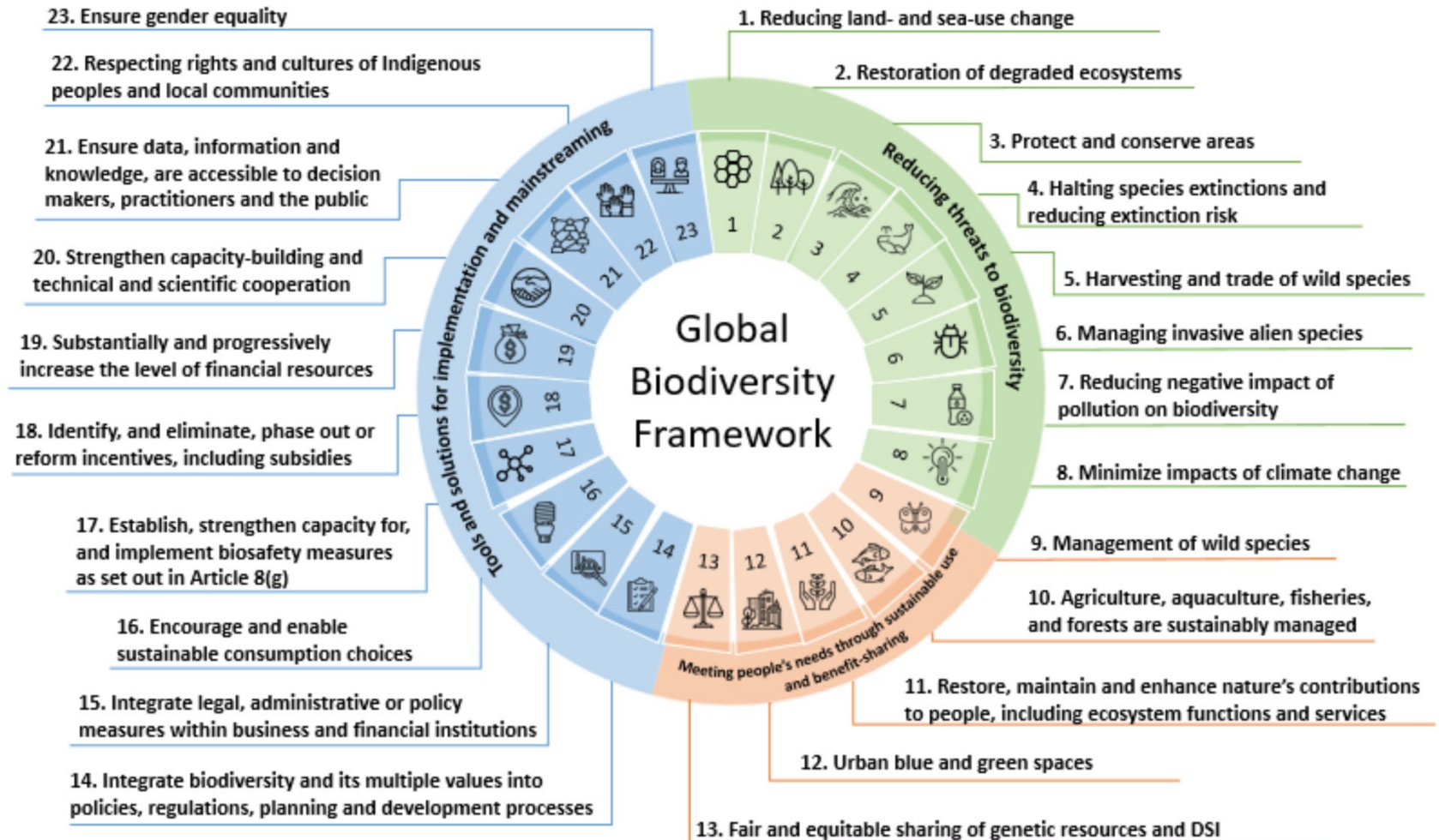
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Kunming-Montreal Global Biodiversity Framework

The conclusion of the [15th Conference of Parties](#) to the [UN Convention on Biological Diversity](#) saw the adoption of the [Kunming-Montreal Global Biodiversity Framework \(GBF\)](#).

Amidst a dangerous decline in nature threatening the survival of 1 million species and impacting the lives of billions of people, the GBF aims to halt and reverse nature loss. The framework consists of global targets to be achieved by 2030 and beyond to safeguard and sustainably use biodiversity.

Kunming-Montreal Global Biodiversity Framework Themes and Targets



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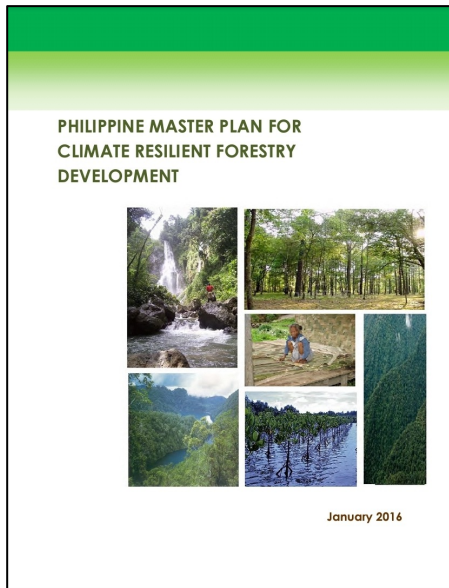
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Philippine Master Plan for Climate Resilient Forestry Development



Programs and strategies:

- a) Strengthen resilience of forest ecosystems and communities to climate change
Ecosystem-based vulnerability assessment; Climate change adaptation planning; Management of protection forests and protected areas; Protection of existing forests; Rehabilitation and conservation of mangroves; Livelihood support to CBFMA and CADT holders; Formulation of integrated watershed management and forest land use plans; Implementation of REDD+ for climate change adaptation and mitigation
- b) Effectively respond to demands for forest ecosystems goods and services
Delineation and demarcation of forest management zones; Commercial forest plantation development for round wood production; Fuel wood plantation development; Management of grazing lands; Watershed management and rehabilitation; Urban forestry
- c) Promote responsive governance
Inventory of forest occupants; Issuance of tenure/ management instruments to close open access forestlands; Enhancement of forestry policies; Institutionalizing collaborative management; Mainstreaming climate change into the DENR's policy and institutional processes; Capability enhancement






Philippine Biodiversity Strategy and Action Plan

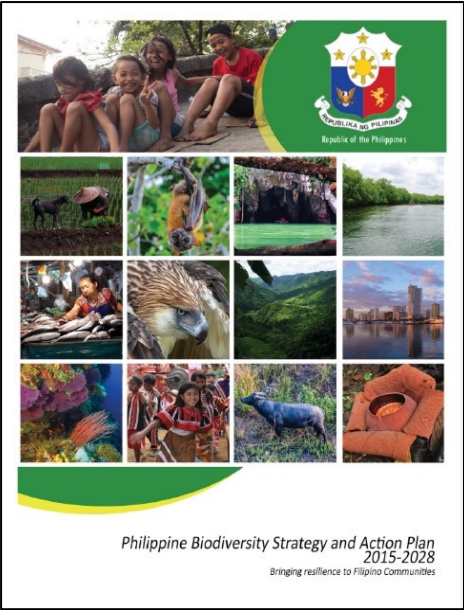
The country’s roadmap for biodiversity conservation and achievement of its Vision –

“By 2028, biodiversity is restored and rehabilitated, valued, effectively managed and secured, maintaining ecosystem services to sustain healthy, resilient Filipino communities and delivering benefits to all.”



LEGEND:

 Conservation	 Ecosystem Services	 Human well-being	 Reducing threats to biodiversity	 Addressing drivers of threat
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CPF

Collaborative Partnership
on Forests



- ❑ An innovative, voluntary inter-agency partnership of 16 international organizations, institutions and secretariats with substantial programs on forests
- ❑ Formed in April 2001 in response to UN ECOSOC Resolution 2000/35 on the establishment of UN Forum on Forests (UNFF)
- ❑ Vision -

"by 2030 all types of forests and forest landscapes are sustainably managed, their multiple values are fully recognized, the potential of forests and their goods and services is fully unlocked, and the GFGs, the SDGs and other global forest-related goals, targets and commitments are achieved."



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CPF mission

Help enhance the contribution of all types of forests and trees outside forests to 2030 Agenda for Sustainable Development and other internationally agreed development goals, promote the sustainable management of all types of forests and to strengthen long-term political commitment to that end

CPF core functions

- Support the work of UNFF and its member countries
- Provide scientific and technical advice to the Forum and governing bodies of other CPF members, at their request
- Enhance coherence, cooperation as well as policy and program coordination at all levels, including through joint programming and the submission of coordinated proposals to members' governing bodies, consistent with their mandates
- Promote the implementation of the UN Forest Instrument and the United Nations Strategic Plan for Forests as well as the contribution of forests and trees to the 2030 Agenda for Sustainable Development and other major forest-related agreements





International Network of Professional Forestry Associations

**Bringing professional
foresters from around the
world together.**

The International Network of Professional Forestry Associations (INPFA) brings together organisations, from around the world, that represent the interests of professional forestry practitioners.

Whilst acknowledging the differences that exist in the forestry profession between countries, it is also recognised that many of the opportunities and challenges faced by professional foresters in the 21st Century are the same.

The INPFA aims to improve the way in which these opportunities and challenges are addressed by facilitating the exchange of knowledge and information between professional forestry associations in different countries.

Currently hosted by the Institute of Chartered Foresters in the United Kingdom, the INPFA website links to its member organisations and provides an updated schedule of key events for the sector.

College of Forest
Engineers
of Misiones
(Argentina)

Indonesian
Forestry
Professional
Engineer
Association

Nepal
Foresters'
Association

Colegio Oficial
de Ingenieros
de Montes
de Espana

Forestry
Australia

Ghana
Institute of
Foresters

New Zealand
Institute of
Forestry

Institute of
Chartered
Foresters
(United Kingdom)

Global Network
for Young
Professionals in
Forestry

Canadian
Institute of
Forestry

Forestry
Society of
Kenya

South Africa
Institute of
Forestry

Society of
American
Foresters (USA)

Do WE need partners in meeting the global challenges in forestry?

*"The world needs
forests, forests need
foresters and
foresters need each
other."*



Global Network
for Forestry
Young Professionals



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