

The CBD programme of work on forest biodiversity

Tim Christophersen
Programme Officer
Convention on Biological Diversity

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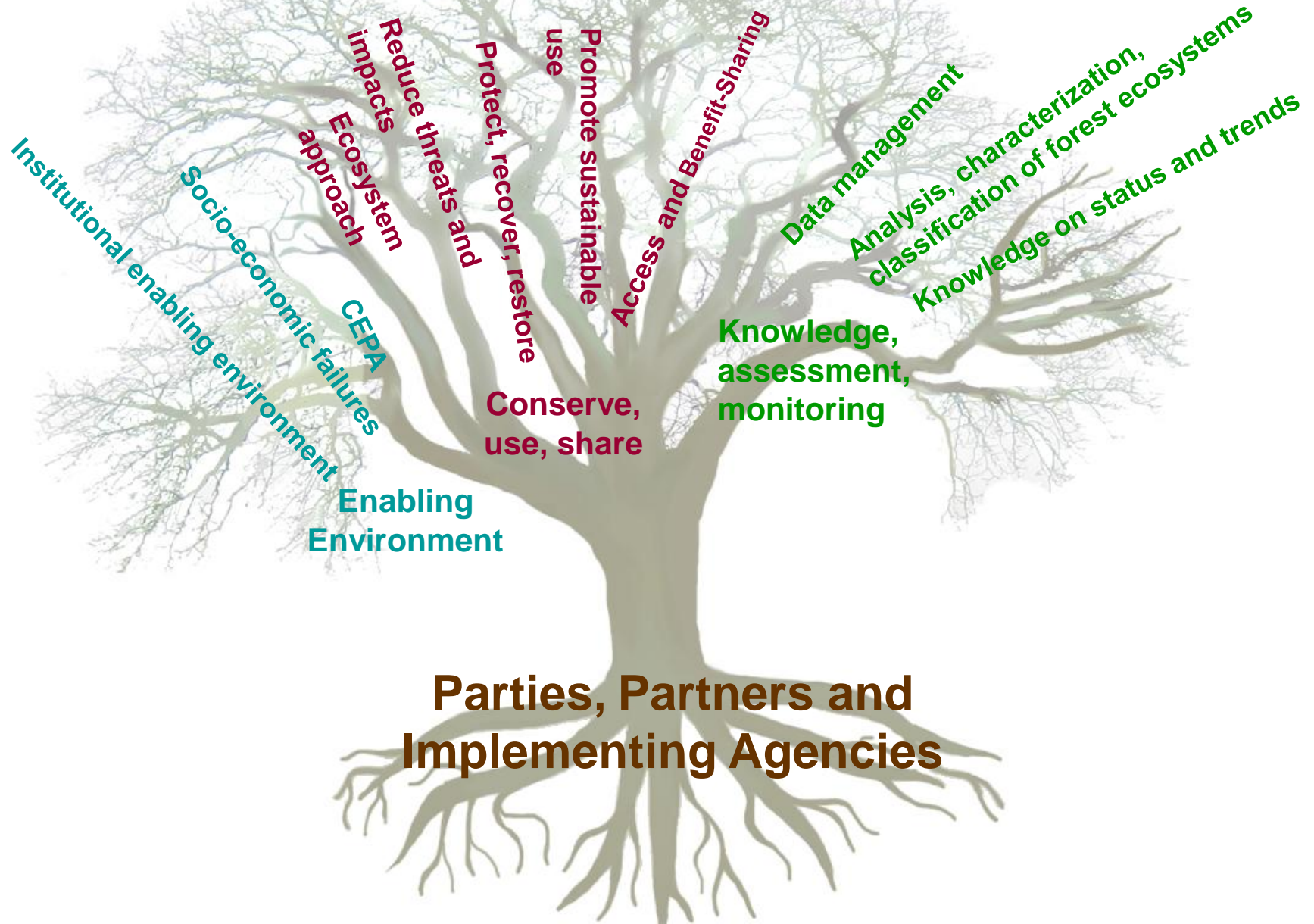
Convention on
Biological Diversity



ACHIEVING THE
2010
BIODIVERSITY TARGET

- The Programme of Work on Forest Biodiversity
 - Issues under consideration in SBSTTA documents on forest biodiversity

Forest Biodiversity Programme of Work



Forest Biodiversity Programme of Work



3 Elements

12 Goals

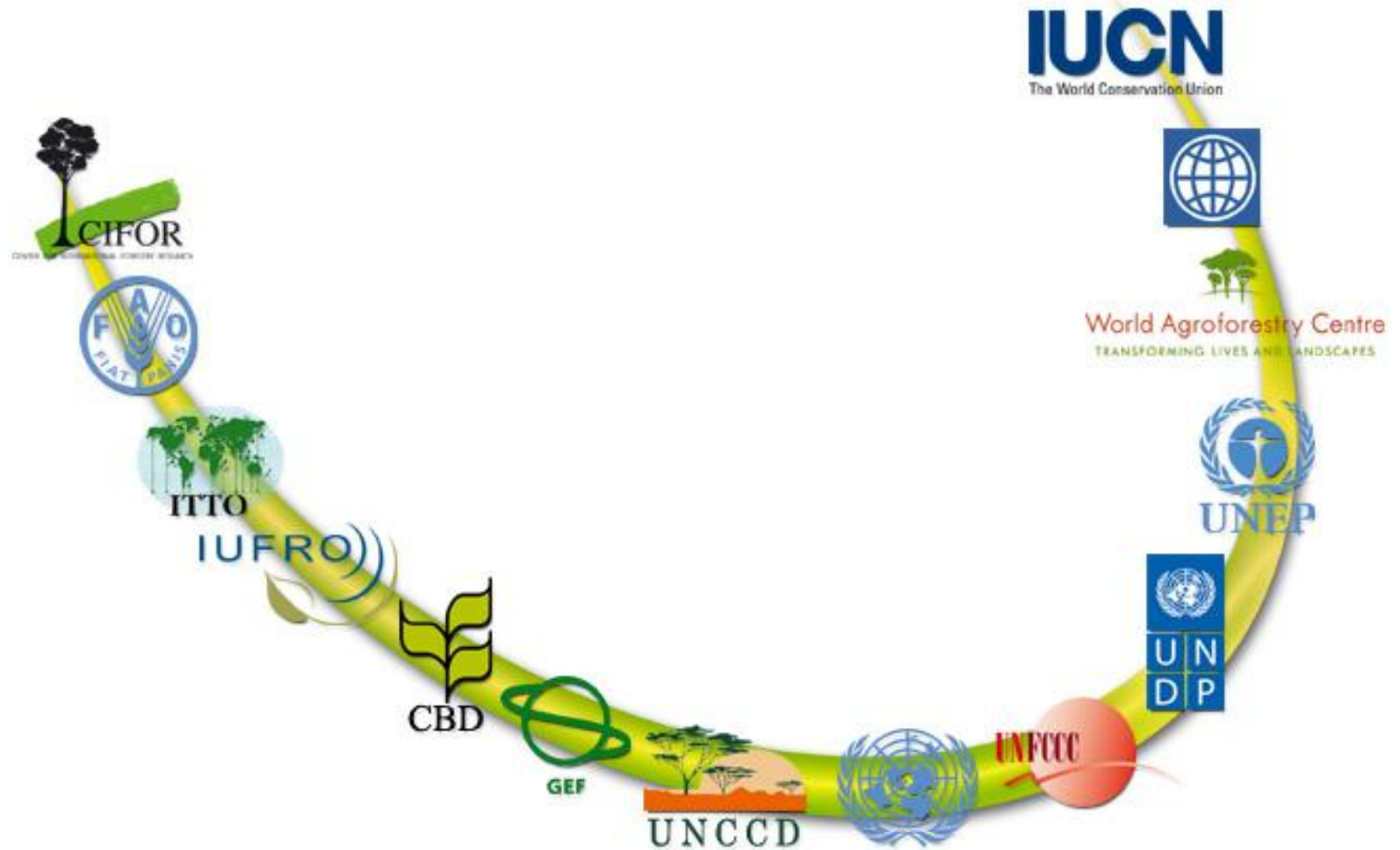
27 Objectives

**129 Activities, covering a wide variety of issues,
to be implemented according to national
priorities**

2010 Indicators (Dec. VIII/15)



Collaborative Partnership on Forests



3 elements

Conserve, Use, Share

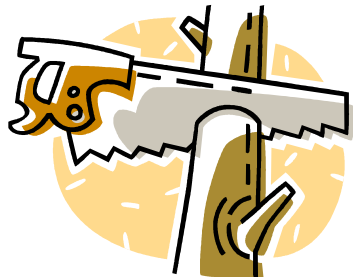
e.g. Forest fires, Climate change, Protected areas, Invasive species, Habitat fragmentation, Pollution, Forest restoration, Species conservation, Illegal logging, Indigenous and local communities, Access and benefit sharing

Enabling environment

e.g. Understanding causes of biodiversity loss, Incentive measures, Sectoral integration and mainstreaming, Land tenure, Forest Law Enforcement and Governance (FLEG), CEPA

Knowledge and assessment

e.g. Global forest classification system, Assessment methods, Understanding ecosystem functioning, Data and information management



Conserve, Use, Share

- 5 Goals:
 - Apply the Ecosystem Approach to the management of all types of forests
 - Reduce the threats and mitigate the impacts of threatening processes on forest biodiversity
 - Protect, recover and restore forest biodiversity
 - Promote the sustainable use of forest biodiversity
 - Access and benefit-sharing of forest genetic resources

Enabling Environment

- 3 Goals:
 - Enhance the institutional enabling environment
 - Address socio-economic failures and distortions that lead to decisions that result in loss of forest biodiversity
 - Increase public education, participation and awareness

Knowledge and Assessment

- 4 Goals:
 - Characterize and analyse from forest ecosystem to global scale and develop general classification of forests on various scales in order to improve the assessment of status and trends of forest biodiversity
 - Improve knowledge on and methods for the assessment of the status and trends of forest biodiversity
 - Improve understanding of the role of forest biodiversity and ecosystem functioning
 - Improve the infrastructure for data and information management for accurate assessment and monitoring of global forest biodiversity

Examples of Objectives and Activities

- Element 1, Goal 2, Objective 3: Mitigate the impacts of climate change on forest biodiversity
 - Activity d.): Promote forest biodiversity conservation and restoration in climate change mitigation and adaptation measures

Possible application: Integrate biodiversity aspects into REDD Mechanisms.



**2001: Mountain pine
beetle damage**

Examples of Objectives and Activities

- Element 1, Goal 2, Objective 1: Prevent introduction of invasive alien species that threaten ecosystems, and mitigate their negative impacts on forest biodiversity [...]
 - Activity b.): Improve the knowledge of impacts of invasive alien species on forest ecosystems and adjacent ecosystems.

Possible application: Activities of the IUCN
Species Survival Commission on IAS / GISP.



Brown tree snake (*Boiga irregularis*)

Examples of Objectives and Activities

- Element 1, Goal 2, Objective 4: Prevent and mitigate the adverse effects of forest fires and fire suppression
 - Activity g.): Develop strategies to avoid the negative effects of sectoral programmes and policies which could induce uncontrolled forest fires.

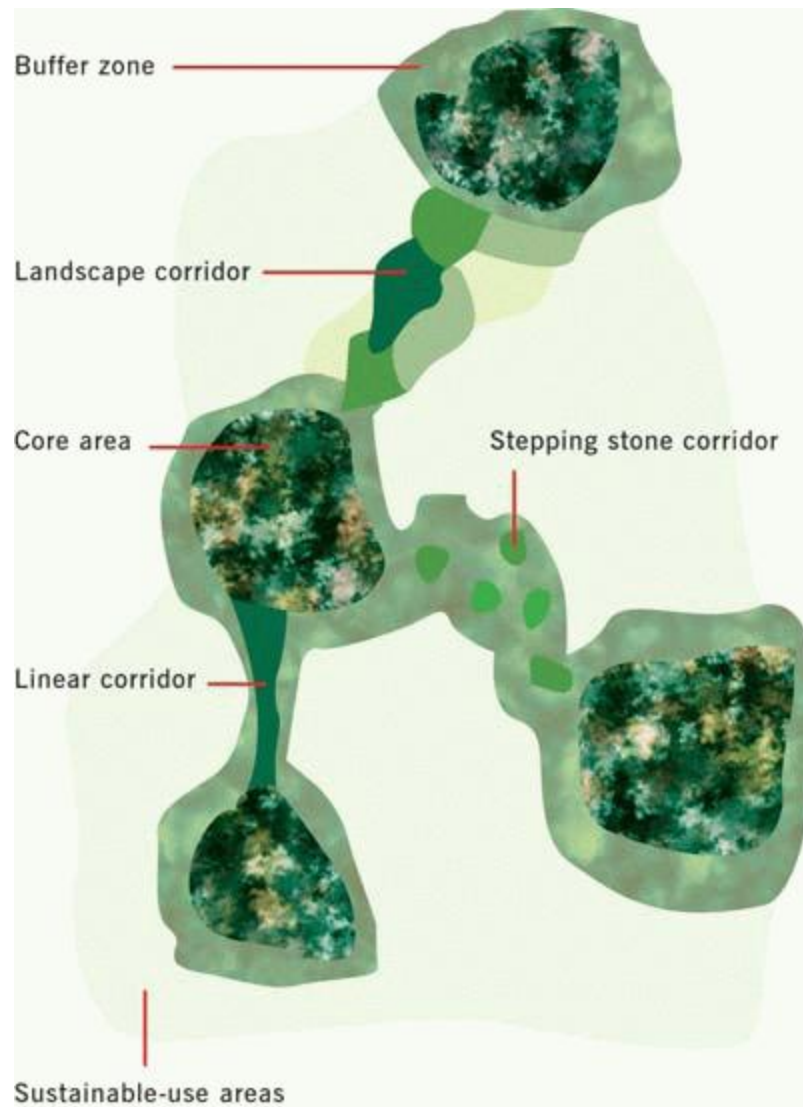
Possible application: Review agricultural policies and programmes.



Examples of Objectives and Activities

- Element 1, Goal 2, Objective 6: Prevent and mitigate losses due to fragmentation and conversion to other land uses.
 - Activity b.): Establish ecological corridors and a national and regional basis.

Possible application: Develop national / regional ecological network.



Ecological corridors

Examples of Objectives and Activities

- Element 2, Goal 2, Objective 1: Mitigate the economic failures and distortions that lead to decisions that result in loss of forest biodiversity.
 - Activity c.): Elaborate and implement economic incentives promoting forest biodiversity conservation and sustainable use.

Possible application: Payment scheme for avoided deforestation (e.g. Costa Rica).

Examples of Objectives and Activities

- Element 3, Goal 3, Objective 1: Conduct key research programmes on the role of forest biodiversity and ecosystem functioning.
 - Activity d.): Develop and support research on impact of current forest management practices for forest biodiversity within forests and on adjacent land.

Possible application: CIFOR Research
Programme on
Conservation of Tropical Forest Genetic
Resources

- The Programme of Work on Forest Biodiversity
 - Issues under consideration at SBSTTA documents on forest biodiversity

Key findings of the review

- Forest biodiversity loss continues unabated, despite many implementation efforts
- New challenges are emerging, in particular agricultural expansion and bio-energy production
- New opportunities include REDD and payments for ecosystem services
- Regional processes have been successful in supporting implementation



Key findings of the review (Contd.)

- Countries are not sufficiently prepared for climate change impacts on forest biodiversity, and mitigation potential of forest biodiversity is not fully harnessed
- In many cases, concerns and experiences of indigenous and local communities are not adequately reflected in forest (and other sectoral) policy decisions
- There is insufficient evidence about the long-term socio-economic, environmental and cultural impacts of genetically modified trees



Key recommendations

- Work with CPF members and regional initiatives to support countries implementation efforts, and address obstacles identified in the review
- Strengthen implementation, in particular regarding climate change, forest conversion (deforestation), and protected areas
- Monitor and address impacts of bioenergy production on forest biodiversity
- Maintain the precautionary approach in dealing with genetically modified trees

Thank You. Gracias. Merci



Thank you
Merci
Gracias
Спасибо
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413 Saint Jacques Street, Suite 800
Montreal, Quebec, Canada H2Y 1N9
Tel. +1-514-288-2220 Fax: +1-514-288-6588
Email: secretariat@cbd.int

www.cbd.int

