





## Sector Biodiversidad



### **COBIO**

Programa para la  
Protección de la  
Biodiversidad en la  
Sierra Madre Oriental

### **BIOMAR**

Programa para la  
Protección y Uso  
Sostenible de la  
Biodiversidad Marina  
en el Golfo de California

### **SELVA MAYA**

Programa para la  
Conservación y Uso  
Sustentable de la Selva  
Maya

### **GOBERNANZA DE LA BIODIVERSIDAD**

Programa para la  
Participación justa y  
equitativa de los  
beneficios que se deriven  
del uso y manejo de la  
diversidad biológica

### **SERVICIOS ECOSISTEMICOS**

Programa para la  
Valoración de los  
Servicios Ecosistémicos

### **EJE NEOVOLCANICO**

Programa para la  
Conservación de la  
Biodiversidad en  
el Eje Neovolcánico



# Valuation of Ecosystem Services in Mexican Federal Protected Areas

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Bundesministerium  
für Umwelt, Naturschutz,  
Bau und Reaktorsicherheit

**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

# Background

- COP17 CMNUCC (November 2011)  
Interest on project focused on valuation of ecosystem services (Mexico and Germany)
- Initial proposal GIZ-CONANP (2012)  
BMUB Financing (IKI) and technical support from GIZ
- Approval of the project (December 2012)  
Currently under implementation until 2018



# International Framework

## Aichi Targets

### TARGET 1

By 2020 people will be *aware* of the value of biodiversity as well as the steps to follow to ensure conservation and sustainable development



### TARGET 2

By 2020 the values of biodiversity will be integrated into the strategies and planning processes related to national and local development and poverty reduction and will be integrated into national accounting systems.

# National Framework

National Development Plan states that

*“ conservation of natural capital and environmental services are key elements for development and human well being.... ”*

*“....the economic cost of environmental degradation represents 6.9% of the country´s GDP.... ”*



# 5 BASIC COMPONENTS

- Systematize information to raise awareness about the value of key ES in PA
- Convey the importance and position PA on the national agenda
- Design economic instruments and institutional arrangements to reward biodiversity and ES conservation
- Mainstreaming and policy alignment with key sectors
- Capacity building within CONANP beyond environment sector



# Generate information...

- Quantify and systematize the value of ES
- Develop valuation studies on pilot PA
- Generate information about the benefits that ES provide
- Systematize methodologies to replicate this exercise throughout Mexico's PA system





# Strategic communication

- Communicate the value to decision makers, to the people living in PA, and to people depending on ES (urban population).
- Convey the link between ES and human and economic well-being
- Incorporate the importance of ES into the national agenda
- Recognize that PA are source of important ES



# Mainstream ecosystem services...

- Recognize the value of ES to promote the **alignment of public policies**
- Reconcile biodiversity conservation with economic growth
- Build **strategic alliances**
- Create a **National Advisory Board** on natural capital valuation, as well as a Mexican ecosystem services network to share lessons learned and influence decision-making





# Innovative financial mechanisms



- » Recognize **sustainable management practices** to foster alternative economic activities
- » Design **cost-benefit distribution mechanisms** between providers and beneficiaries of ES
- » Promote **trade-off and market failure analysis** in the context of PA management

# Strengthen capacities for key stakeholders

- » Develop **technical capacities** for PA managers and key its partners
- » Incorporate the **approach of valuation of ecosystem services** into PA management
- » Strengthen **local governance** through the inclusion of a VSE focus into community-based decision making and development planning.





# Project's Scope



- Strategic positioning of CONANP in the National Agenda
- Reduce the current financial gap of Mexican Protected Areas' operation
- Integrate the values that ecosystem services provide into decision-making processes
- Incorporate the ecosystem services approach into sounder environmental impact assessment evaluations
- Design and strengthen the environmental economics department stated in CONANP's 2040 Strategy

# GRACIAS

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