

## VISION

By 2050, biodiversity is valued, conserved, restored and wisely used, maintaining ecosystem services, sustaining a healthy planet and delivering benefits essential for all people. □

## MISSION

Take effective and urgent action to halt the loss of biodiversity in order to ensure that by 2020 ecosystems are resilient and continue to provide essential services, thereby securing the planet's variety of life, and contributing to human well-being, and poverty eradication. ....

STRATEGIC GOAL A:  
Address the underlying causes of biodiversity loss by mainstreaming biodiversity

STRATEGIC GOAL B:  
Reduce the direct pressures on biodiversity and promote sustainable use

STRATEGIC GOAL C:  
Improve the status of biodiversity by safeguarding ecosystems, species and genetic diversity

STRATEGIC GOAL D:  
Enhance the benefits to all from biodiversity and ecosystem services

STRATEGIC GOAL E: Enhance implementation through participatory planning, knowledge management and capacity-building

## SUPPORT MECHANISMS

## **Strategic goal D: Enhance the benefits to all from biodiversity and ecosystem services**

Target 14: By 2020, **ecosystems that provide essential services**, including services related to water, and contribute to health, livelihoods and well-being, **are restored and safeguarded**, taking into account the needs of women, indigenous and local communities, and the poor and vulnerable,

Target 15: By 2020, **ecosystem resilience** and the contribution of biodiversity to carbon stocks has been **enhanced**, through conservation and restoration, including **restoration** of at least 15 per cent of degraded ecosystems, thereby contributing to climate change mitigation and adaptation and to combating desertification,

Target 16: By 2015, the Nagoya Protocol on Access and Benefits Sharing is in force and operational

# Qu'est ce que c'est?

Jason Neuwinger  
www.troutnut.com



**Une station de traitement des eaux**

**A water treatment plant**

**Un système de controle des  
inondations**

**A flood control mechanism**

**Un puit de carbon**

**A carbon sink**

**Alimentation d'eau**

**Water supply**

**Un pollinisateur**

**A pollinator**

**Une compte epargne**

**A savings account**

**Protection du littoral**

**Coastal Protection system**

**Frairière**

**Fish nursery**



# What is this?



# 15 out of 24 ecosystem services are in decline

Provisioning Services		
Food	crops	↑
	livestock	↑
	capture fisheries	↓
	aquaculture	↑
	wild foods	↓
Fiber	timber	+/-
	cotton, silk	+/-
	wood fuel	↓
Genetic resources		↓
Biochemicals, medicines		↓
Fresh water		↓

Regulating Services	
Air quality regulation	↓
Climate regulation – global	↑
Climate– regional and local	↓
Water regulation	+/-
Erosion regulation	↓
Water / waste treatment	↓
Disease regulation	+/-
Pest regulation	↓
Pollination	↓
Natural hazard regulation	↓

Cultural Services	
Spiritual / religious values	↓
Aesthetic values	↓
Recreation and ecotourism	+/-

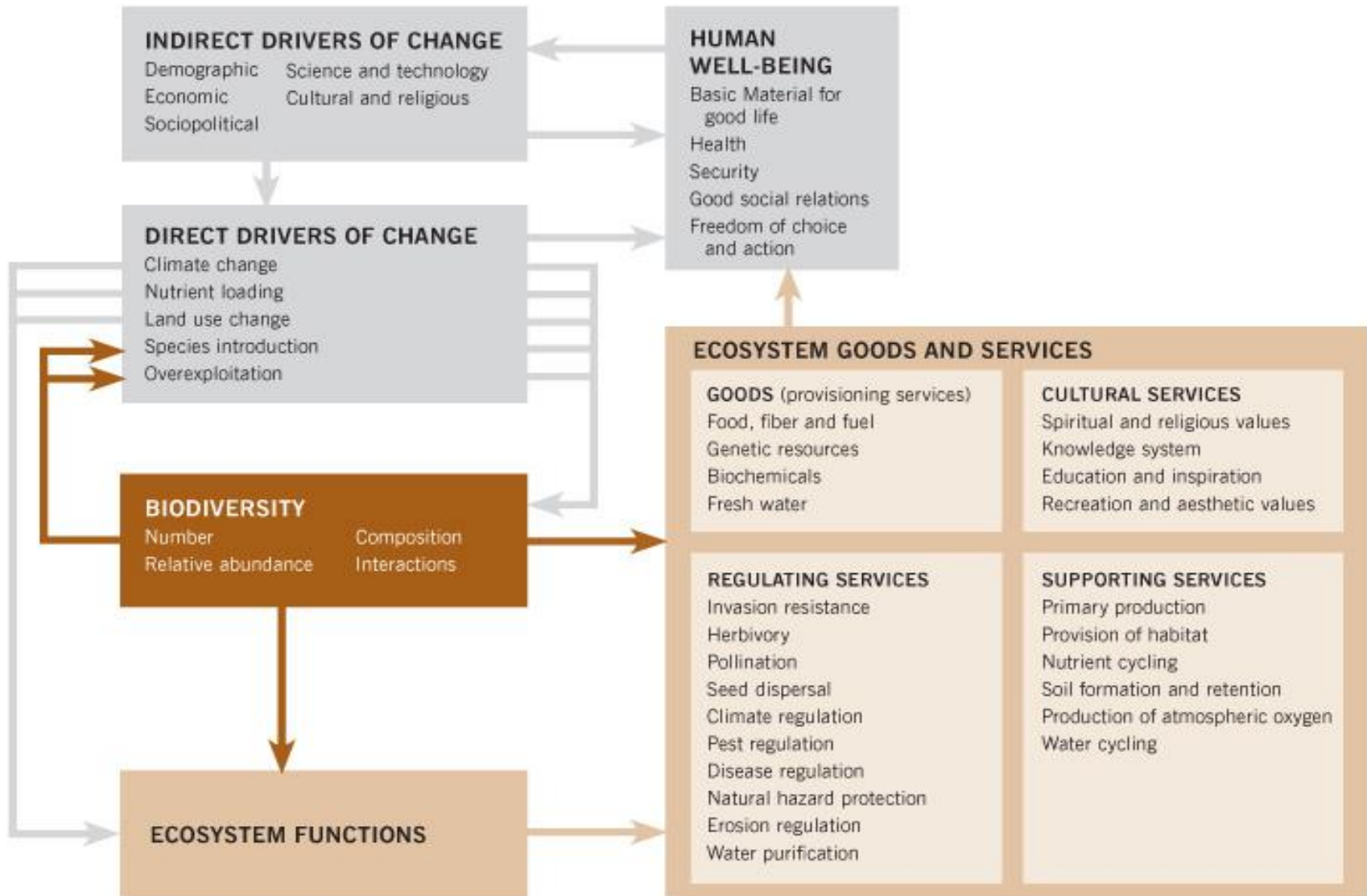
# COP-9/8: Orientación para las EPANB

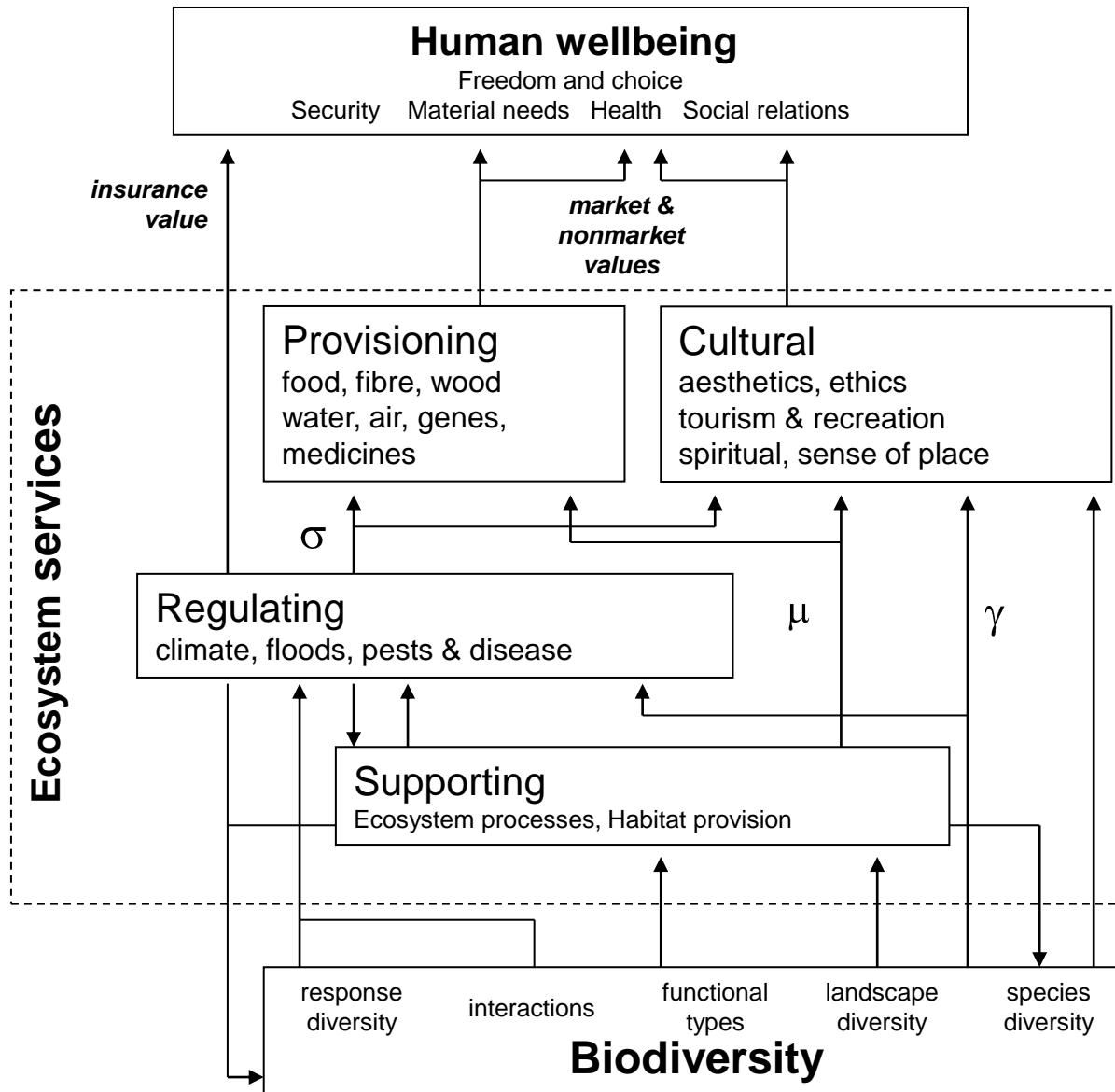
## Guidance for NBSAPs

- Mettre en évidence la contribution de la biodiversité et des services écosystémiques au bien être humain en utilisant l'Évaluation des Ecosystèmes pour le Millénaire et les instruments de valuation
- Highlight the contribution of biodiversity and ecosystem services for human well-being using the MA approach and valuation tools



# Biodiversité, services fournis par les écosystèmes et bien-être humain





**Les populations ont un impact sur la nature**



**La nature fournit les benefices aux populations**



## **Strategic goal D: Enhance the benefits to all from biodiversity and ecosystem services**

Target 14: By 2020, **ecosystems that provide essential services**, including services related to water, and contribute to health, livelihoods and well-being, **are restored and safeguarded**, taking into account the needs of women, indigenous and local communities, and the poor and vulnerable.

## **Exercise: towards national targets for T14**

1. Identify ecosystem services that contribute to health, livelihoods and well-being, taking into account the needs of women, indigenous and local communities, and the poor and vulnerable.
2. Identify ecosystems/biodiversity that provide these services
3. Identify which of these are under particular threat..
4. Formulate a target.

# Threat / Menaces

Ecosystems

		Habitat Change	Climate Change	Invasive Species	Over-exploitation	Nutrients & pollution
Forest	Boreal	↗	↑	↗	→	↑
	Temperate	↘	↑	↑	→	↑
	Tropical	↑	↑	↑	↗	↑
Dryland	Temperate grassland	↗	↑	→	→	↑
	Mediterranean	↗	↑	↑	→	↑
	Tropical grassland and savanna	↗	↑	↑	→	↑
	Desert	→	↑	→	→	↑
Inland water		↑	↑	↑	→	↑
Coastal		↗	↑	↗	↗	↑
Marine		↑	↑	→	↗	↑
Island		→	↑	→	→	↑
Mountain		→	↑	→	→	↑
Polar		↗	↑	→	↗	↑