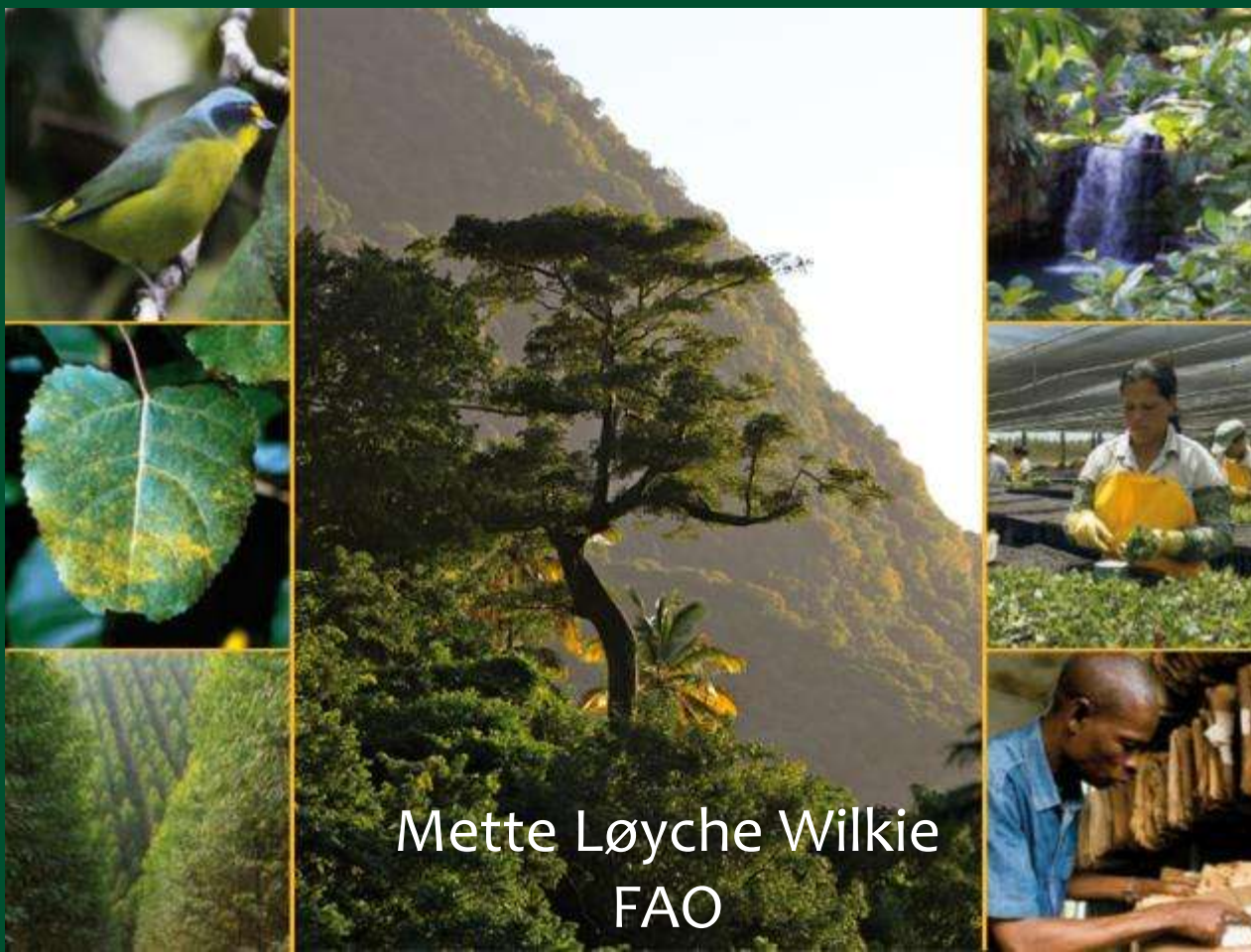


The state and prospects of the world's forests: Key Findings of the Global Forest Resources Assessment 2010



Mette Løyche Wilkie
FAO



1945

Request for first global assessment





1948



2.4 billion people

1948-2011: Big changes

billion people

2.4

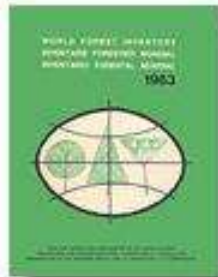
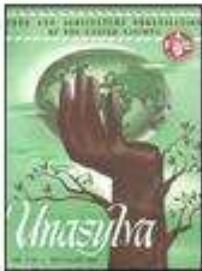
3.2

4.4

5.2

6.1

6.9



1948

1963

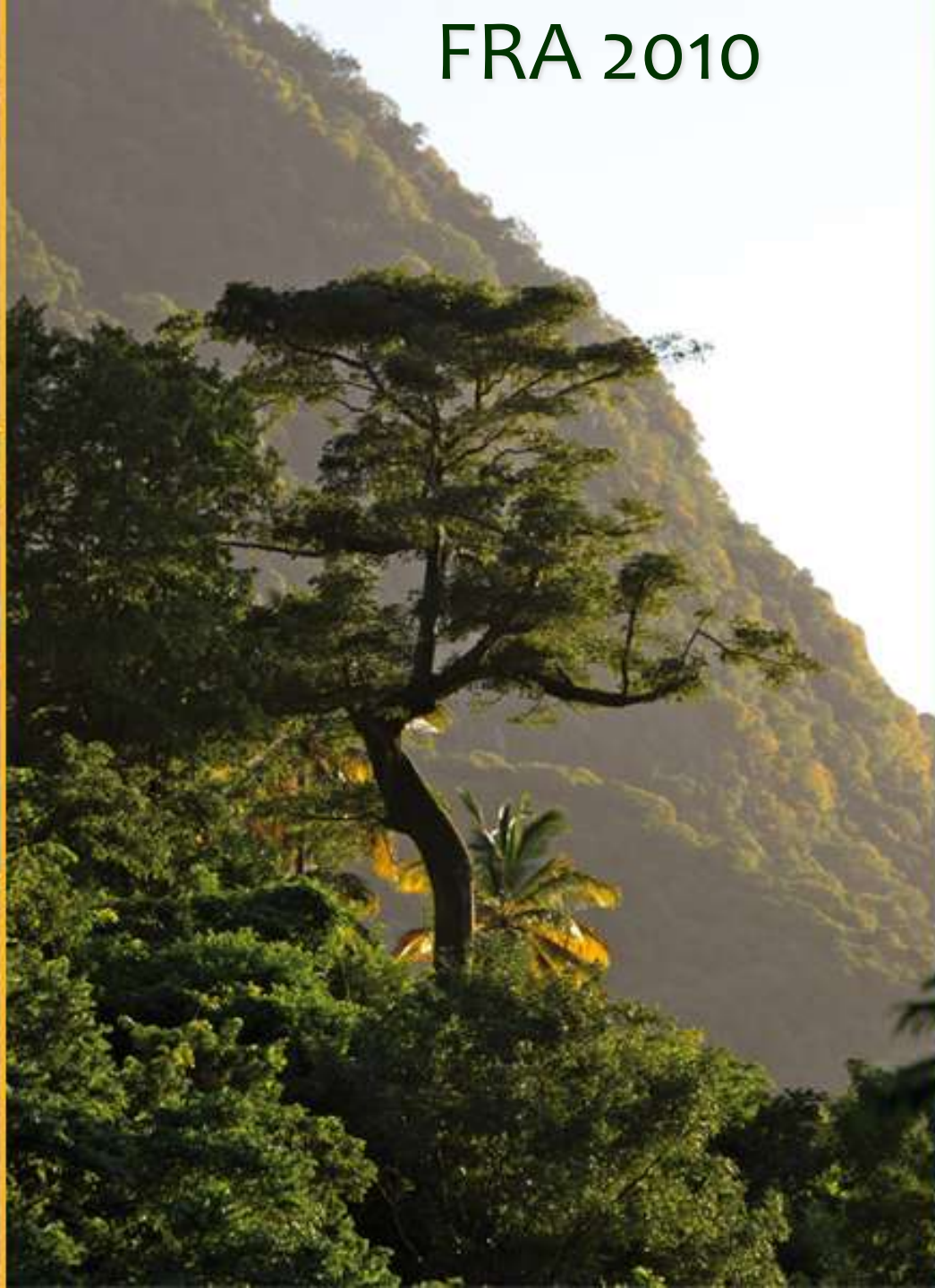
1980

1990

2000

2010

FRA 2010



FRA 2010

biodiversity

protection

health

socio-economy

production

laws and policy

extent



A large, leafy tree in a forest with a mountain in the background. The tree is the central focus, with its branches spreading out. The background shows a steep, forested mountain slope under a bright sky. The text is overlaid on the tree and mountain.

900 experts

178 countries

>20 international organizations



693 data points

233 countries

1990-2000-2005-2010

161 469
numbers

Forest goals and targets



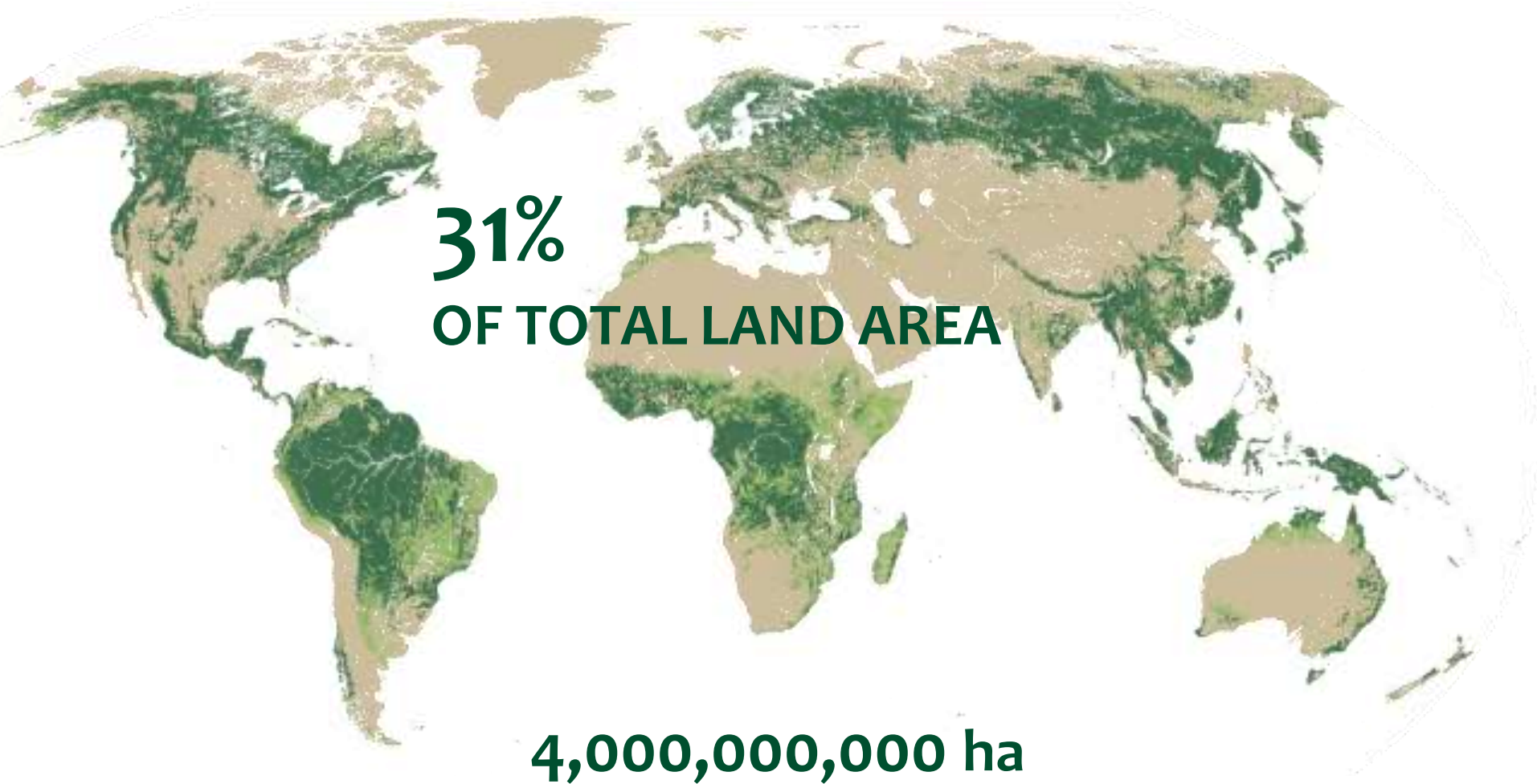
MDGs

Global
Objectives
on Forests

Biodiversity

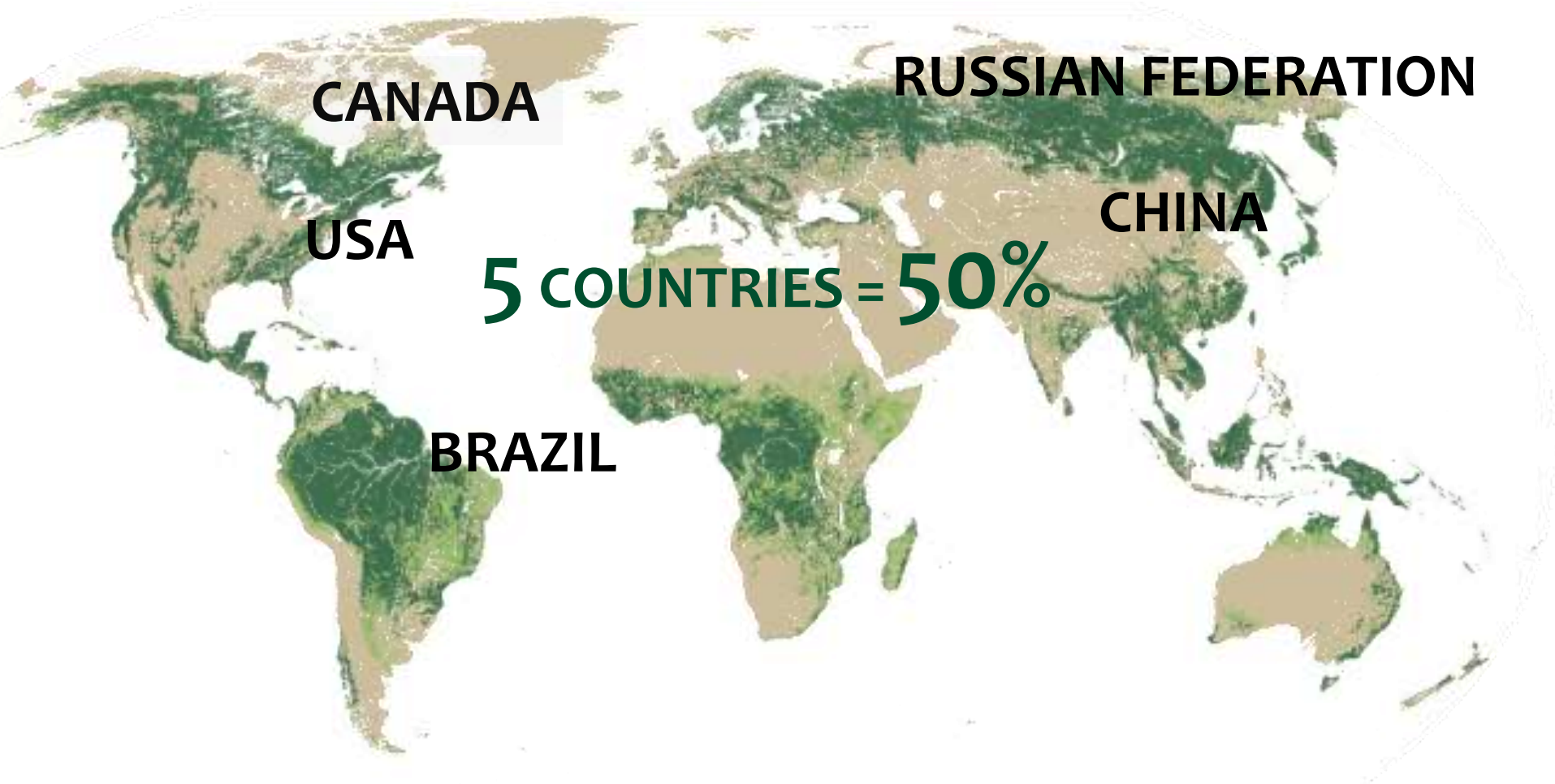


The world's forests





The world's forests



64 “low forest cover countries”



Deforestation and forest loss



1990-2000: **16** million ha/year

2000-2010: **13** million ha/year





Afforestation and forest expansion

>7 million ha/year





Net change = $\Sigma(\text{gain}) - \Sigma(\text{loss})$

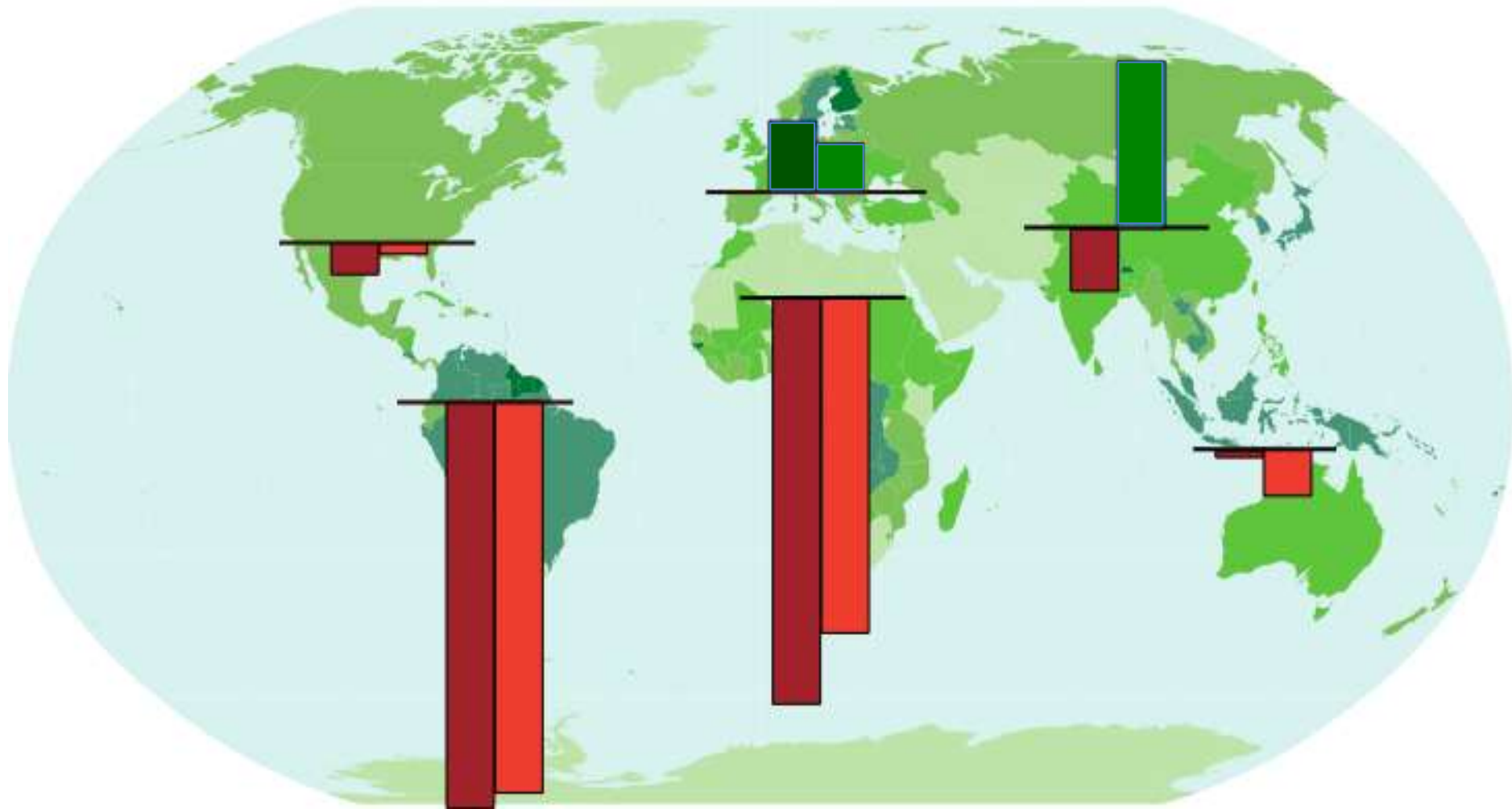


1990-2000: **-8.3** million ha/year

2000-2010: **-5.2** million ha/year



Regional trends



Net loss

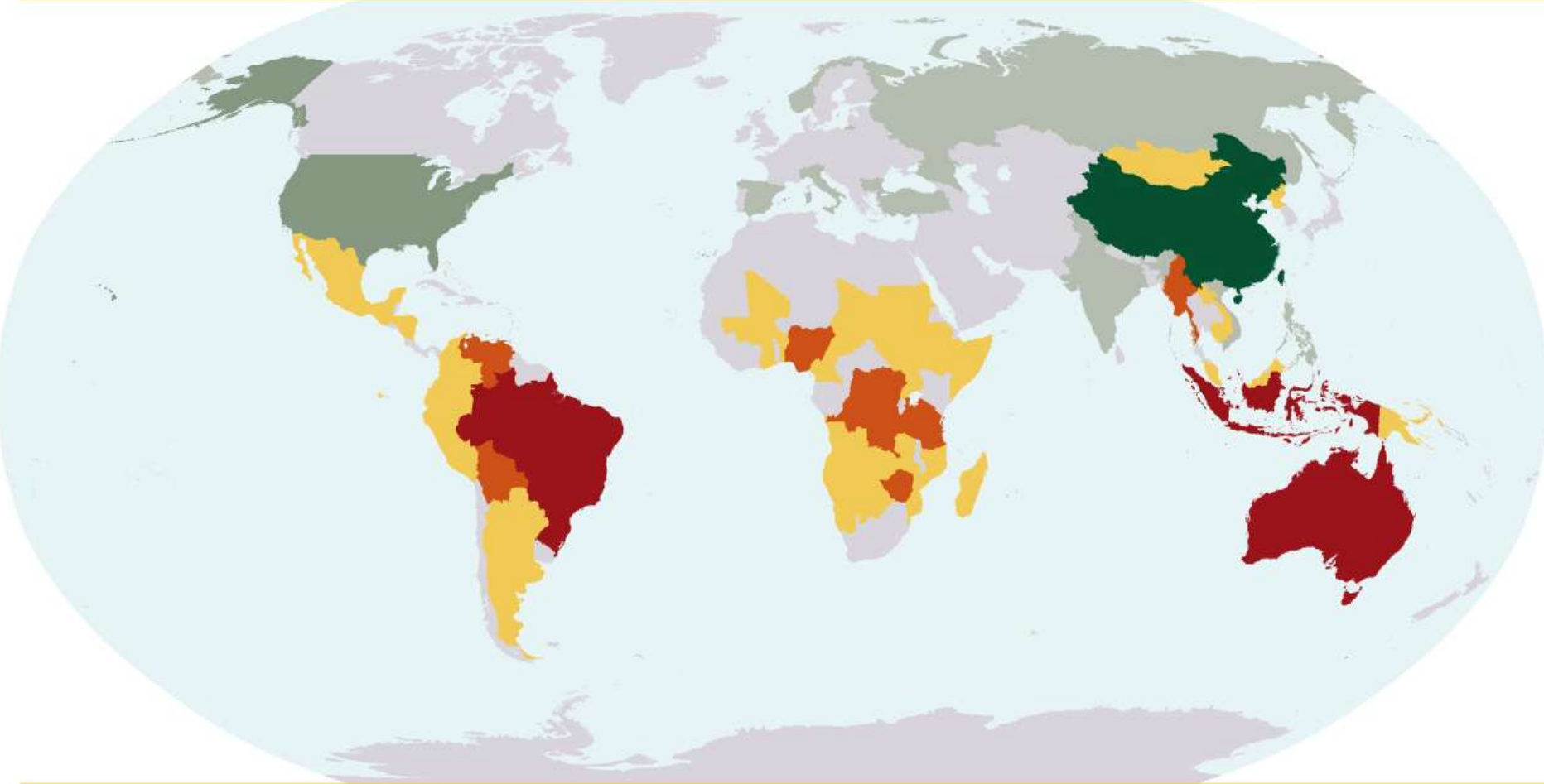


Net gain





Net change in forest area 2005-2010 (ha/year)



Net loss		More than 500 000		250 000–500 000		50 000–250 000
Net gain		More than 500 000		250 000–500 000		50 000–250 000



Primary forests



36% of the world's forests



Modified natural forests



57% of the world's forests



Planted forests



7% of the world's forests



Trends



Primary forests:
Decrease of
4 million ha/year

Planted forests:
Increase of
5 million ha/year





Forest health and vitality



Damage by fire:
1%, but underreported

Damage by insects:
35 million ha/year





Forests and biological diversity



Conservation of biological diversity: **12%**

Increase since 1990: **>95 million ha**



Forests in protected areas: **13%**

Increase since 1990: **>94 million ha**

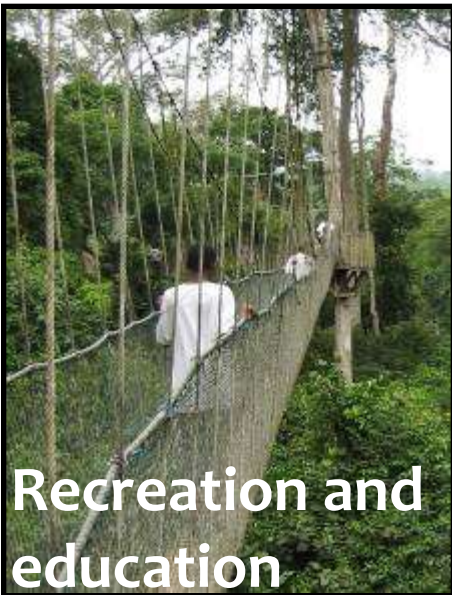


Protection of soil & water

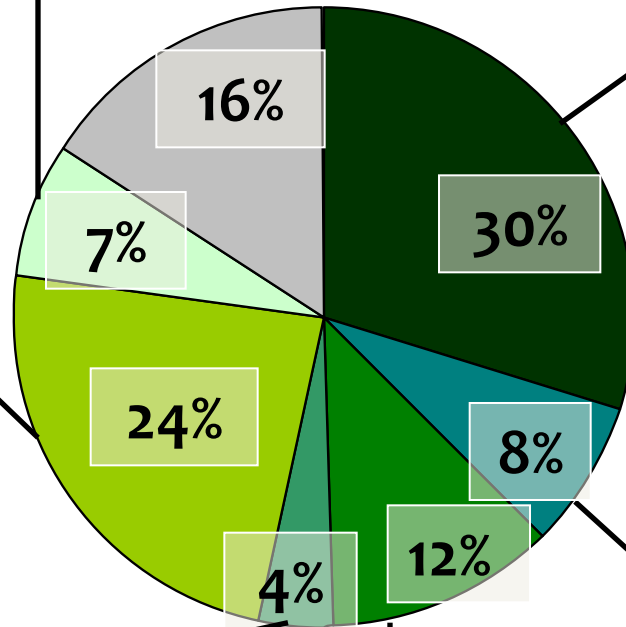


8% of the world's forests

Management, conservation & use



Other/Unknown function





Socio-economic aspects



Wood: US\$ **100** billion/year

NWFPs: US\$ **18.5** billion/year

- but difficult to quantify



Employment:

10 million

– many more are dependent upon forests



Forest laws and policies



Laws: **156** countries,
69 updated since 2005

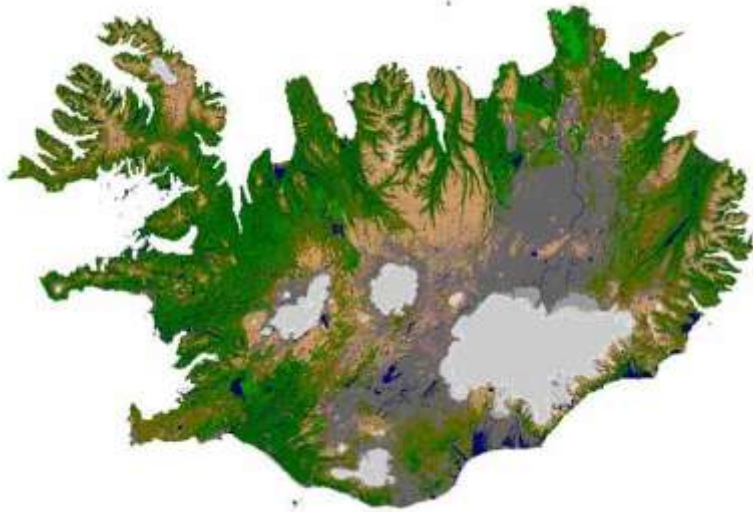
Policies: **143** countries,
76 updated since 2000

National forest programmes: **75%** of the
world's forests





Iceland



Country area:

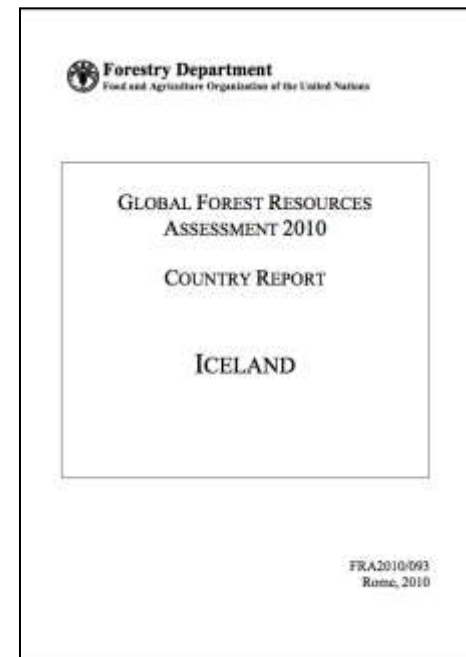
109 out of **233** countries
and territories
(103 000 km² or 10.3 M ha)

Forest area:

183 out of **233**

(around 30 000 ha or

0.3% of land area)





Iceland



Increase in forest area
2005-2010 (ha/yr):

54 out of **233**
(about 1 000 ha/yr)



Increase in forest area
2005-2010 (%/yr):

2 out of **233**
(**3.32**%/yr)



Global prospects



- ☺ Deforestation shows sign of decrease,
- ☹ but is still alarmingly high in many countries



- ☺ Forest fires decreasing,
- ☹ but insect attacks increasing & climate change impacts rising



Global prospects

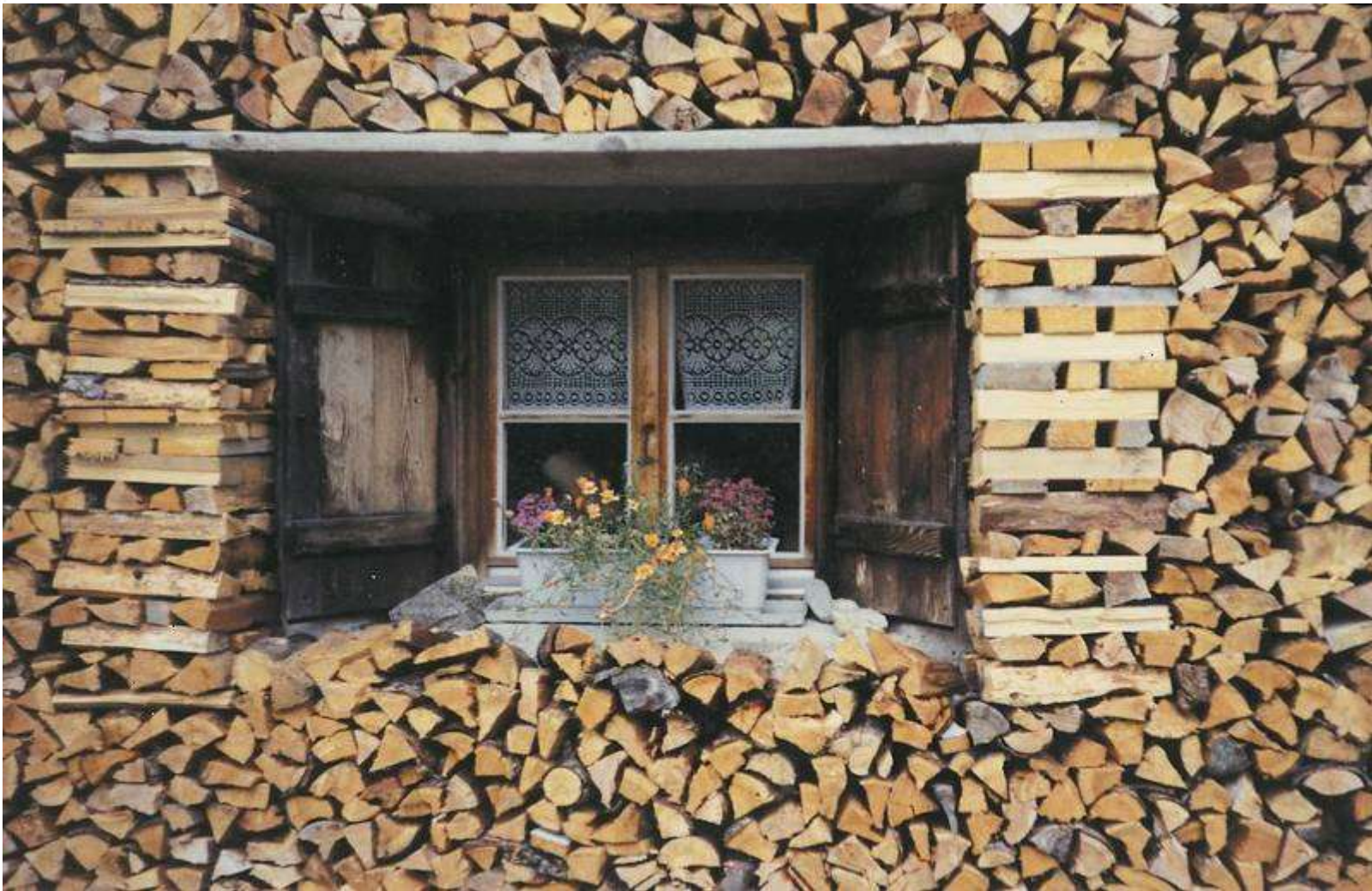


- ☺ Awareness and political will unprecedented
- ☺ Forest policies and laws being updated



- ☺ Forests increasingly conserved and managed for multiple uses & values
- ?? Economic and political stability

REDD+



Window of opportunity



Thank you!



www.fao.org/forestry/fra2010