FOREST MONITORING FOR REDD



UN-REDD Support

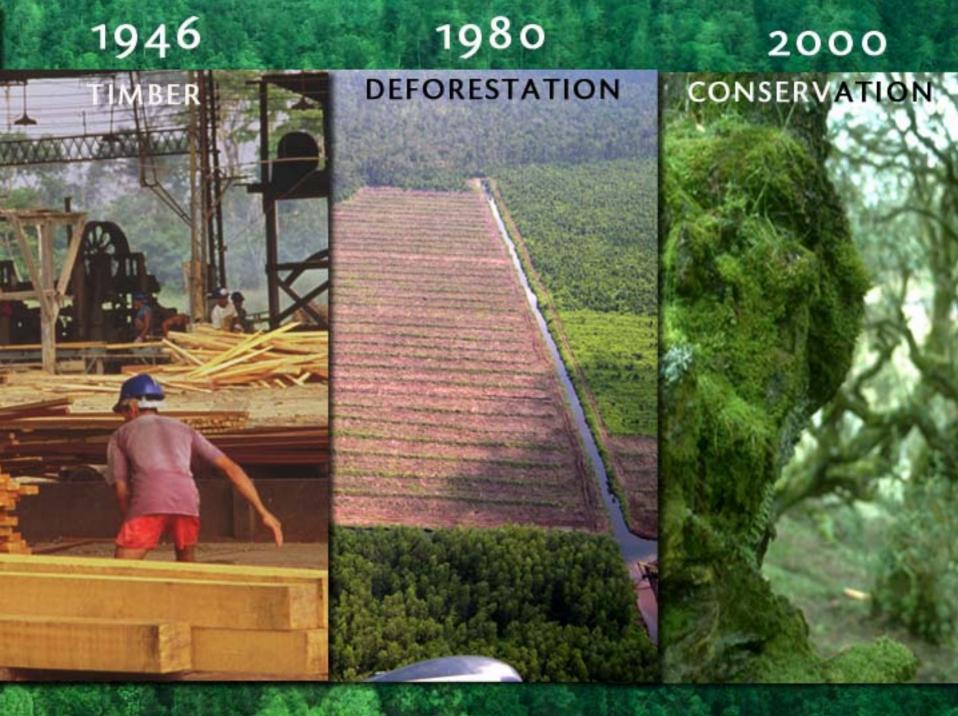
Forest monitoring and assessment

- forest area change
- change in carbon stocks

National capacity strengthening in:

- remote sensing
- ground assessments
- > Global Forest Resources Assessment
- National Forest Monitoring & Assessment

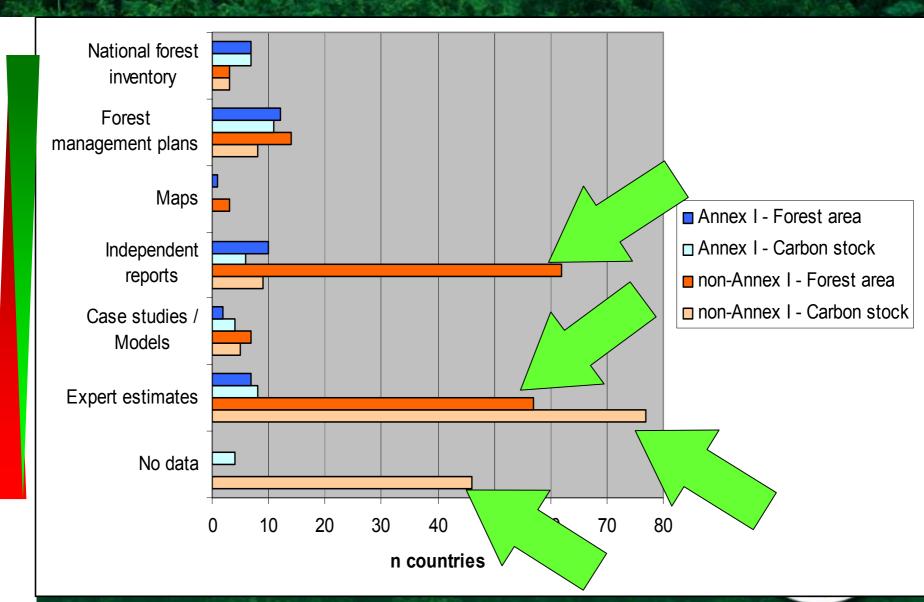




PROBLEM: POOR DATA AVAILABITY AND QUALITY

- Relatively good information on forest area – less so on net changes
- Poor data on past and present deforestation rates
- Some information on carbon stocks
- Poor data on carbon stock changes
- No reliable information on carbon emissions from deforestation

Data sources used for estimating changes and trends in forest resources



PROPOSED SOLUTIONS

- Common global forest monitoring framework
- Support to national forest monitoring, assessment and reporting
- Capacity building on forest carbon accounting

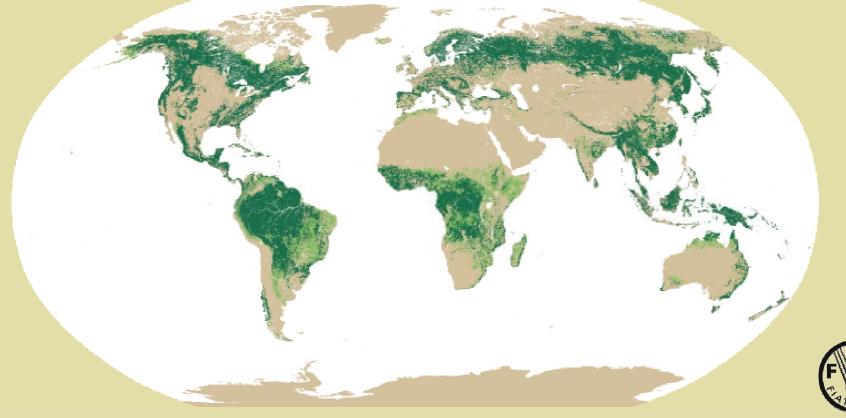




Distribution of forests

Trend statistics

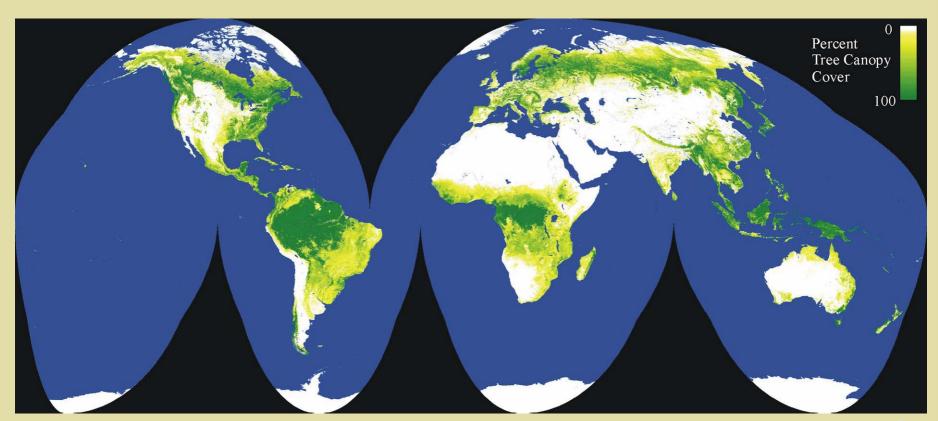
Regional, biome & global level





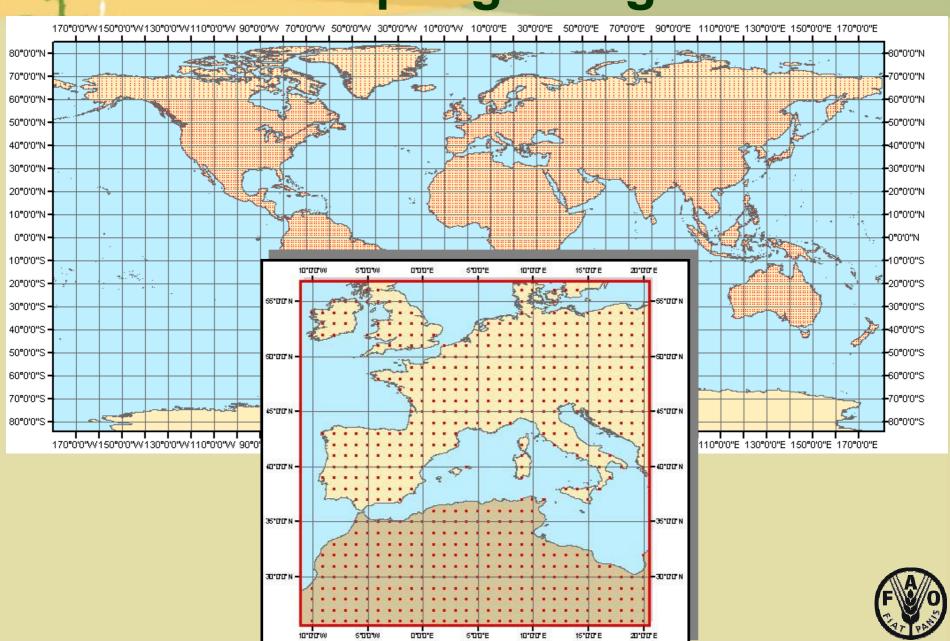
Distribution of forests

MODIS 250m (tree cover)

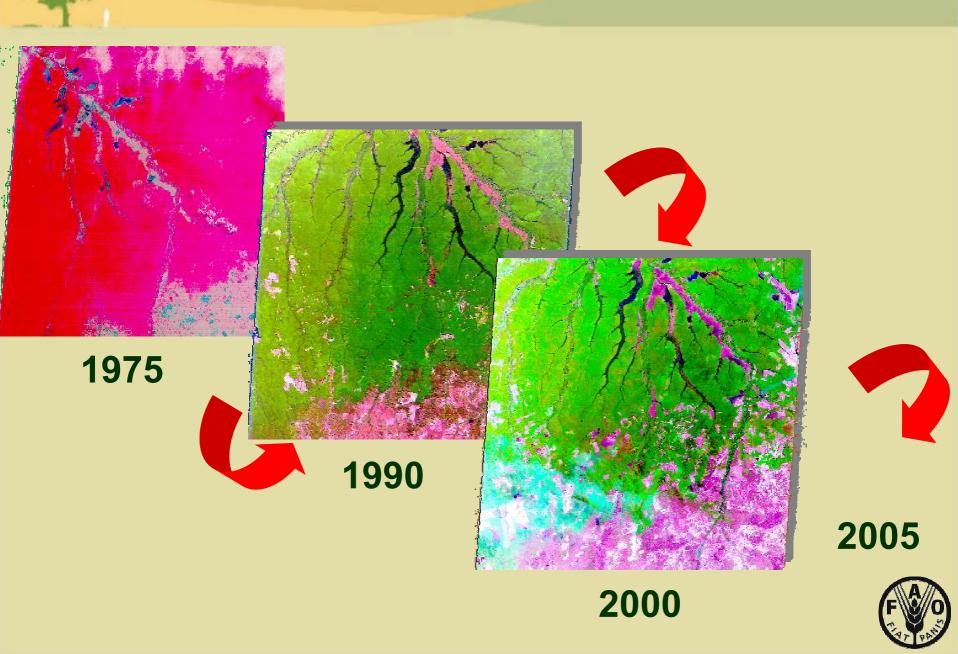




Sampling design



Timeline



Implementation

- Common framework and classification system
- High degree of flexibility
- Involvement of national teams
- Support to countries

Data acquisition

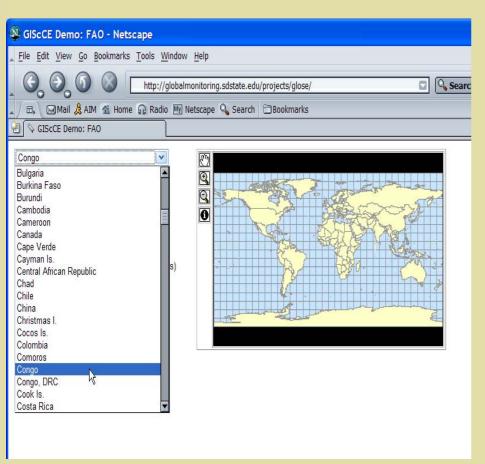
Preprocessing Decentralised interpretation

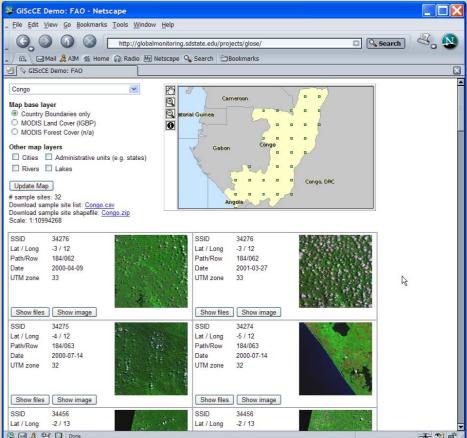
Upload of results

Analyses & reporting



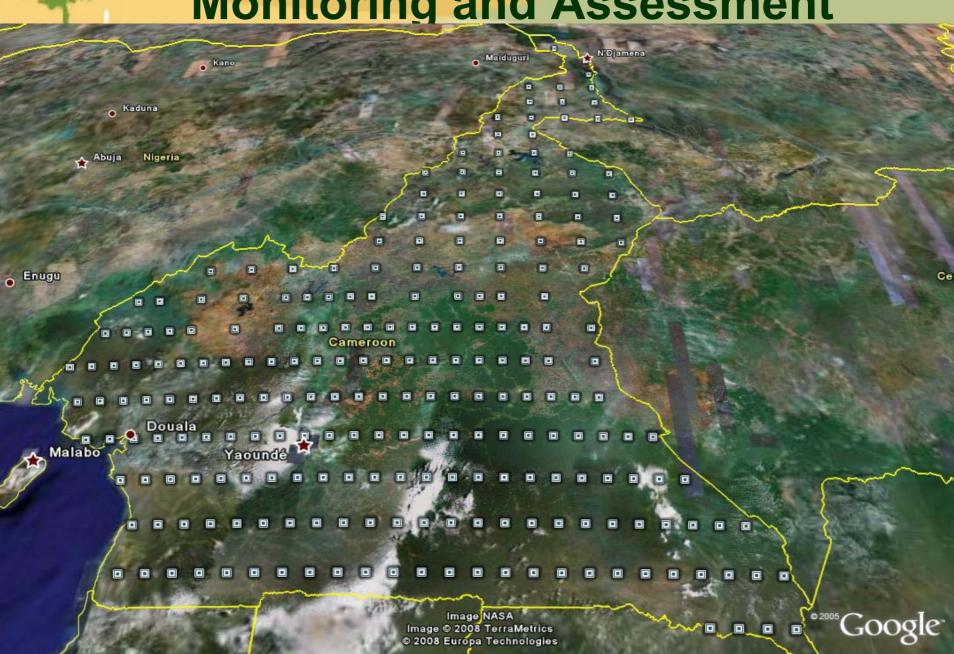
Information gateway







Support to National Forest **Monitoring and Assessment** N'Djamena Maiduguri



Forest carbon reporting

235 countries and territories

175 national correspondents





GLOBAL FOREST RESOURCES
ASSESSMENT 2005

RUSSIAN FEDERATION

COUNTRY REPORT

Country Reports for FRA 2010

T 1	Extent of forest and other wooded land
T 2	Forest ownership and management rights
Т 3	Forest designation and management
T 4	Forest characteristics
T 5	Forest establishment and regeneration
T 6	Growing stock
T 7	Biomass stock
T 8	Carbon stock
Т9	Forest fires

T 10	Other disturbances affecting forest health and vitality
T 11	Wood removal and value of removal
T 12	NWFP removal and value of removal
T 13	Employment
T 14	Policy and legal framework
T 15	Institutional framework
T 16	Education and research
T 17	Public revenue collection and expenditure

Partners



JRC

SDSU

NASA

JENA

GOFC-GOLD

GEO

















Milestones

- 2008: Launch FRA 2010 (3-7 March)
- 2008-2009: Regional workshops (country reports and remote sensing) and bulk of work for countries
- 2010: Release of Key Findings; Report preparation & dissemination
- 2011: Final report from global remote sensing survey





More information

www.fao.org/forestry/fra2010

