

# **FAO, Forestry and Climate Change**

**ITTO**

**Yokohama, 31 April - 2 May 2008**

**Susan Braatz**

**Forests and Climate Change Officer**

**FAO Forestry Department**





# Presentation Outline

- **FAO: roles and Forestry Dept structure**
- **Major activities related to mitigation and adaptation in the forestry sector**
  - Information on forest resources
  - Policy and strategy development
  - Forest enterprise development
  - Methods and tools for SFM
- **Relevant partnership activities**





# FAO'S Roles & Forestry Programme

**Global mandate on food security, agriculture, forestry, fisheries and sustainable development**

- **Repository of data and information**
- **Custodian of models, methods, definitions**
- **Capacity building**
- **Neutral forum**
- **Policy and technical assistance to member countries**

## **Forestry Department**

- **140 staff – HQ and in regional and sub-regional offices**
- **Comprehensive coverage (forest management, policy, institutions, products, etc.)**

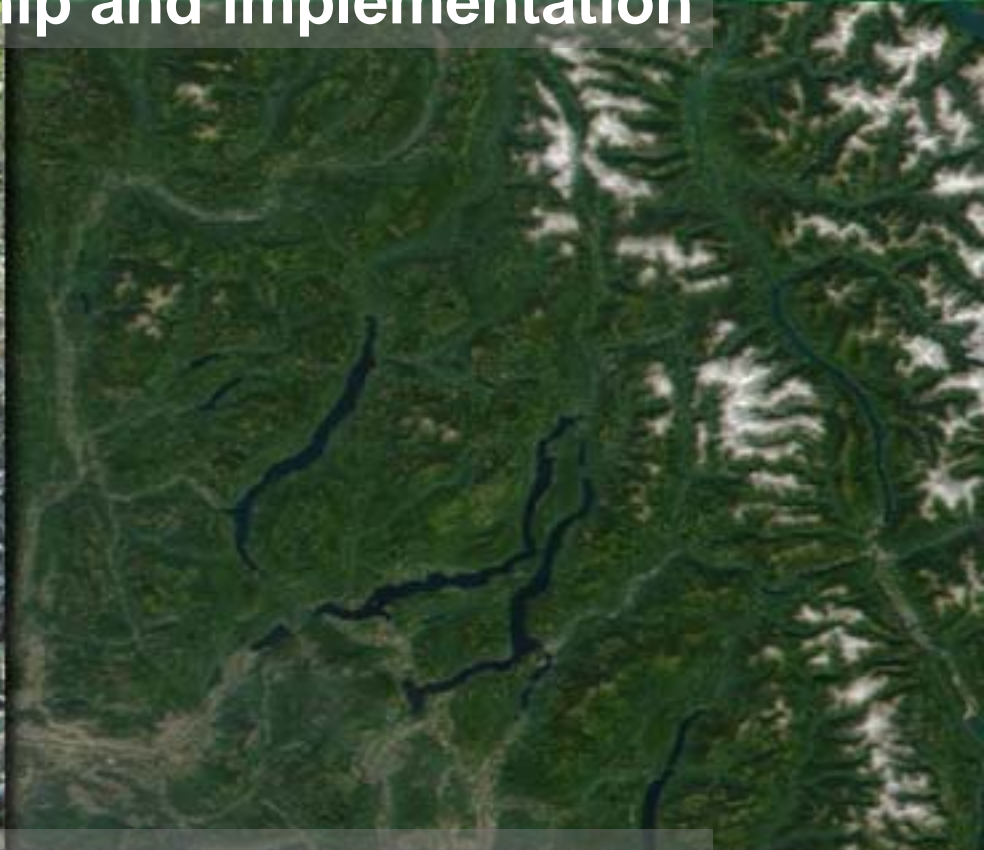


# Countries' Mitigation & Adaptation Needs

- **Reliable information on forest resources**
- **Sound forestry policies and programmes for climate change mitigation and adaptation consistent with forestry and sustainable development objectives**
- **Capacity and resources for implementing SFM**
- **Ability to address intersectoral issues**

# Information

1. Reliable, transparent and cost-effective
2. Common framework adaptable to local needs
3. National ownership and implementation



**Global Forest Resources Assessment**

**National forest monitoring and assessment**

# GLOBAL FOREST RESOURCES ASSESSMENT 2005

**EXTENT OF FOREST  
RESOURCES**



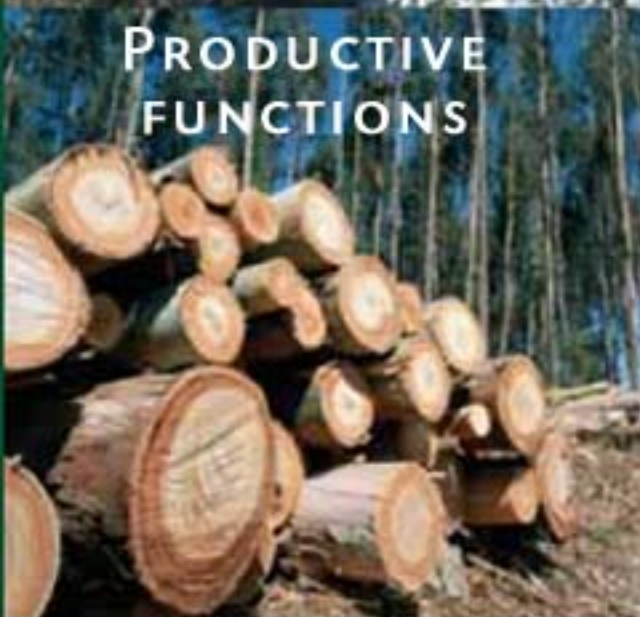
**BIOLOGICAL  
DIVERSITY**



**FOREST HEALTH  
AND VITALITY**



**PRODUCTIVE  
FUNCTIONS**



**PROTECTIVE  
FUNCTIONS**

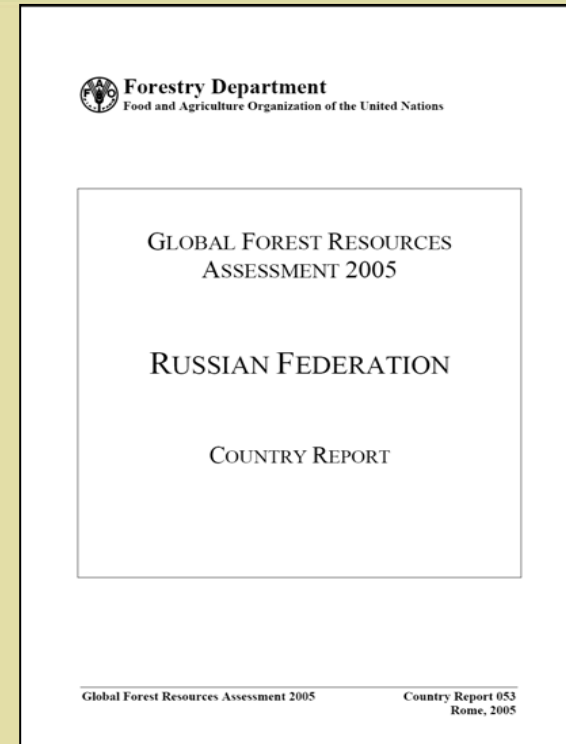
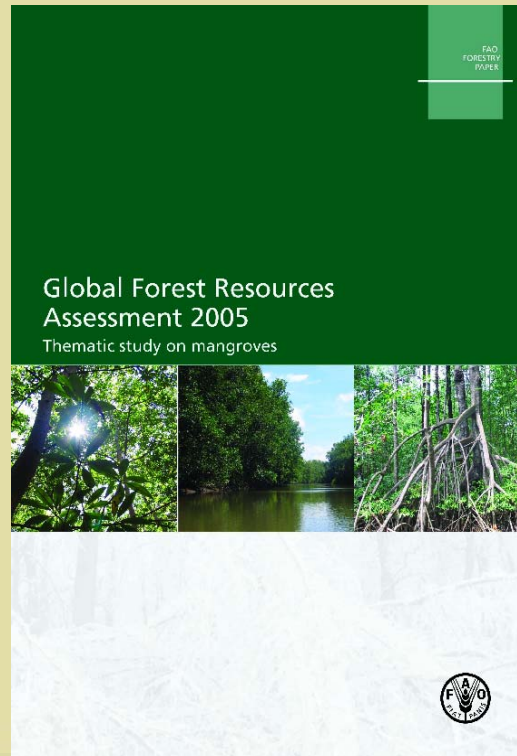
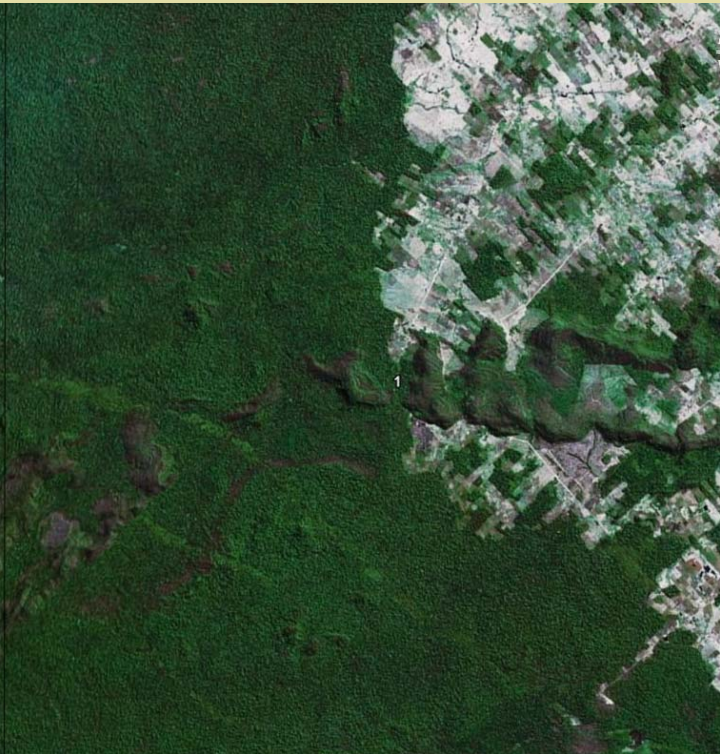


**SOCIO-ECONOMIC  
FUNCTIONS**



# FRA 2010

Country reports  
Remote sensing survey  
Special studies  
External data providers





# Country Reports - FRA 2010

<b>T 1</b>	<b>Extent of forest and other wooded land</b>
<b>T 2</b>	<b>Forest ownership and management rights</b>
<b>T 3</b>	<b>Forest designation and management</b>
<b>T 4</b>	<b>Forest characteristics</b>
<b>T 5</b>	<b>Forest establishment and regeneration</b>
<b>T 6</b>	<b>Growing stock</b>
<b>T 7</b>	<b>Biomass stock</b>
<b>T 8</b>	<b>Carbon stock</b>
<b>T 9</b>	<b>Forest fires</b>

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



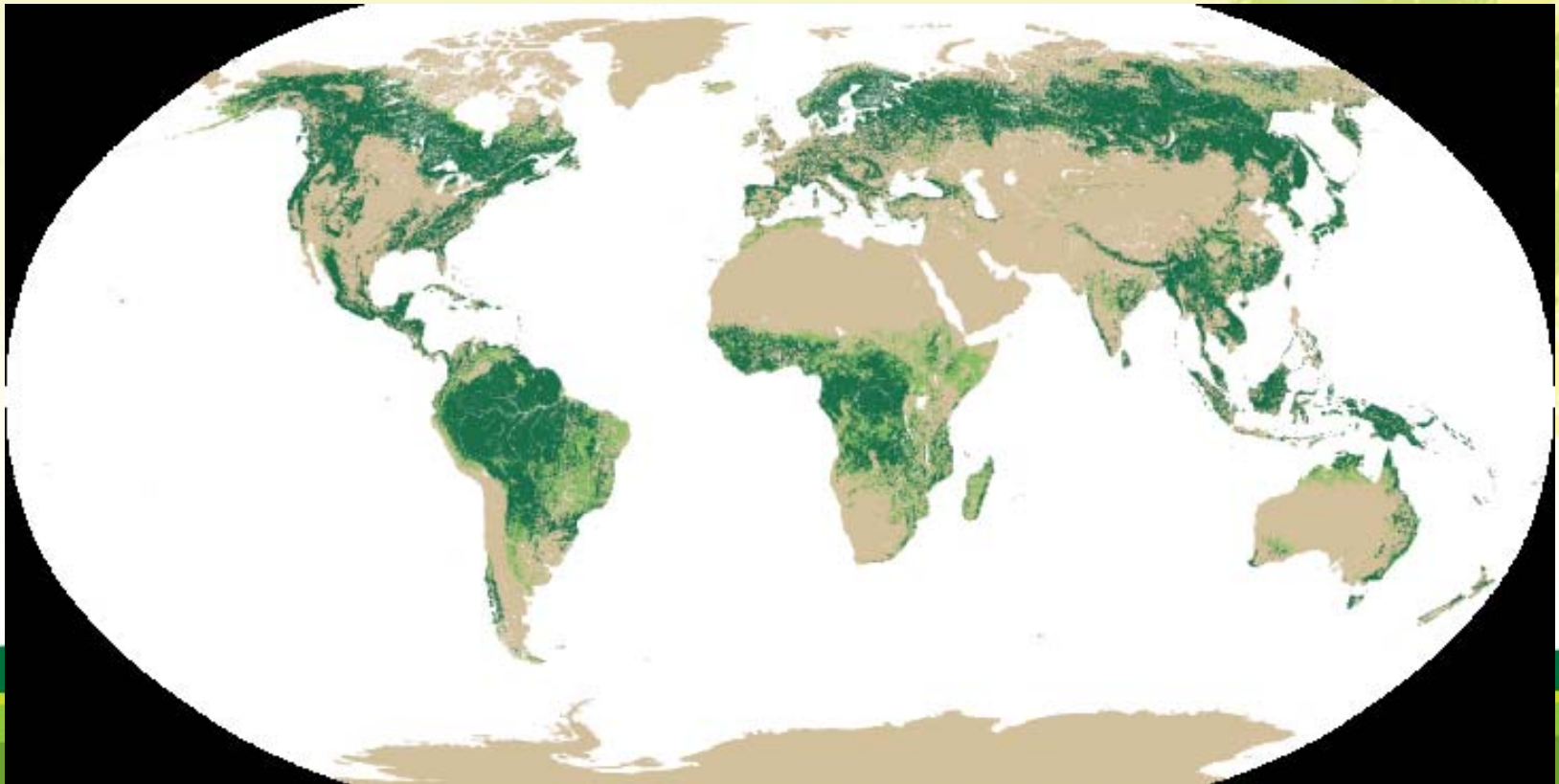


# FRA 2010 Remote Sensing Survey

**Distribution of forests**

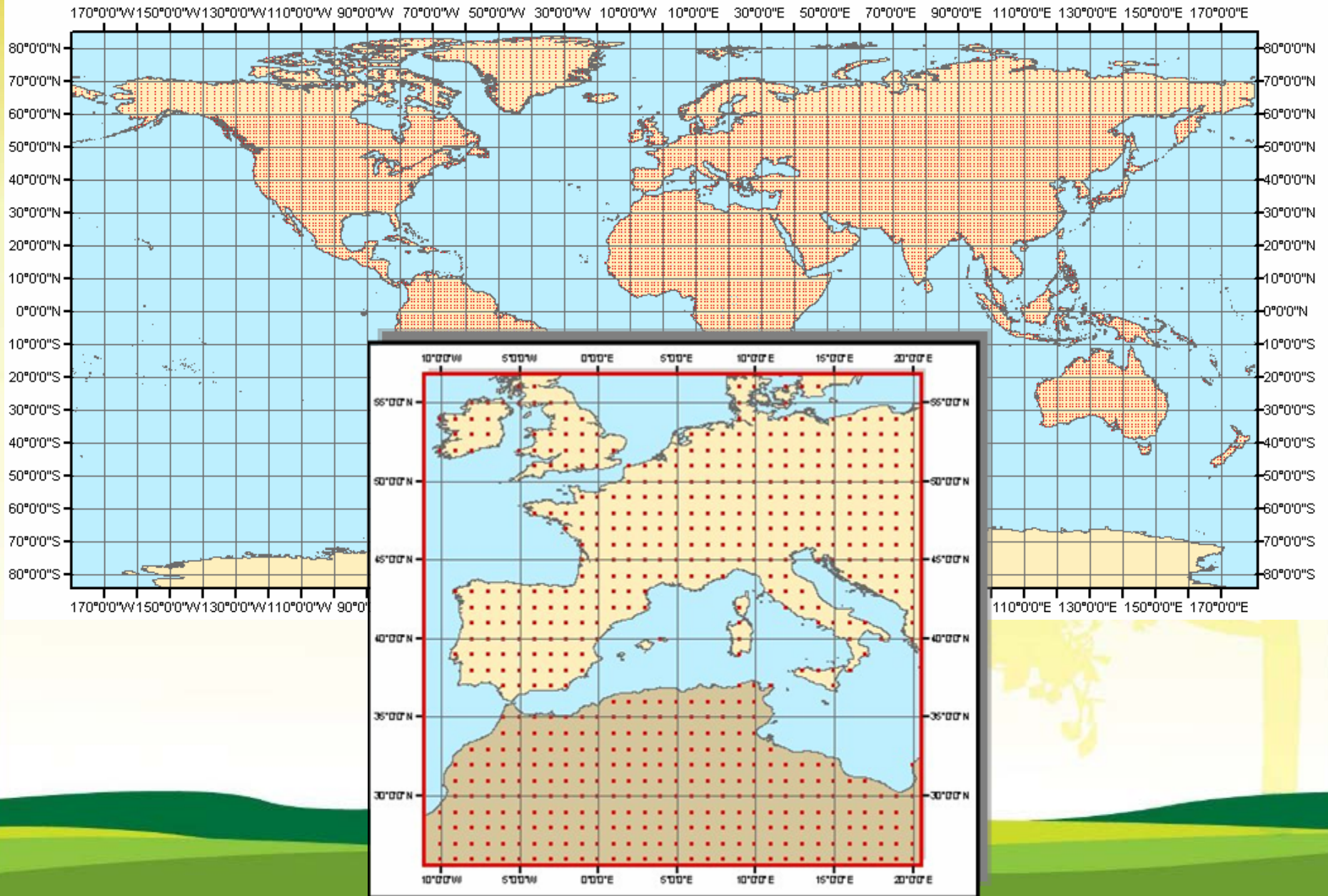
**Trend statistics**

**Regional, biome & global level**





# Sampling Design



# Support to National Forest Monitoring and Assessment

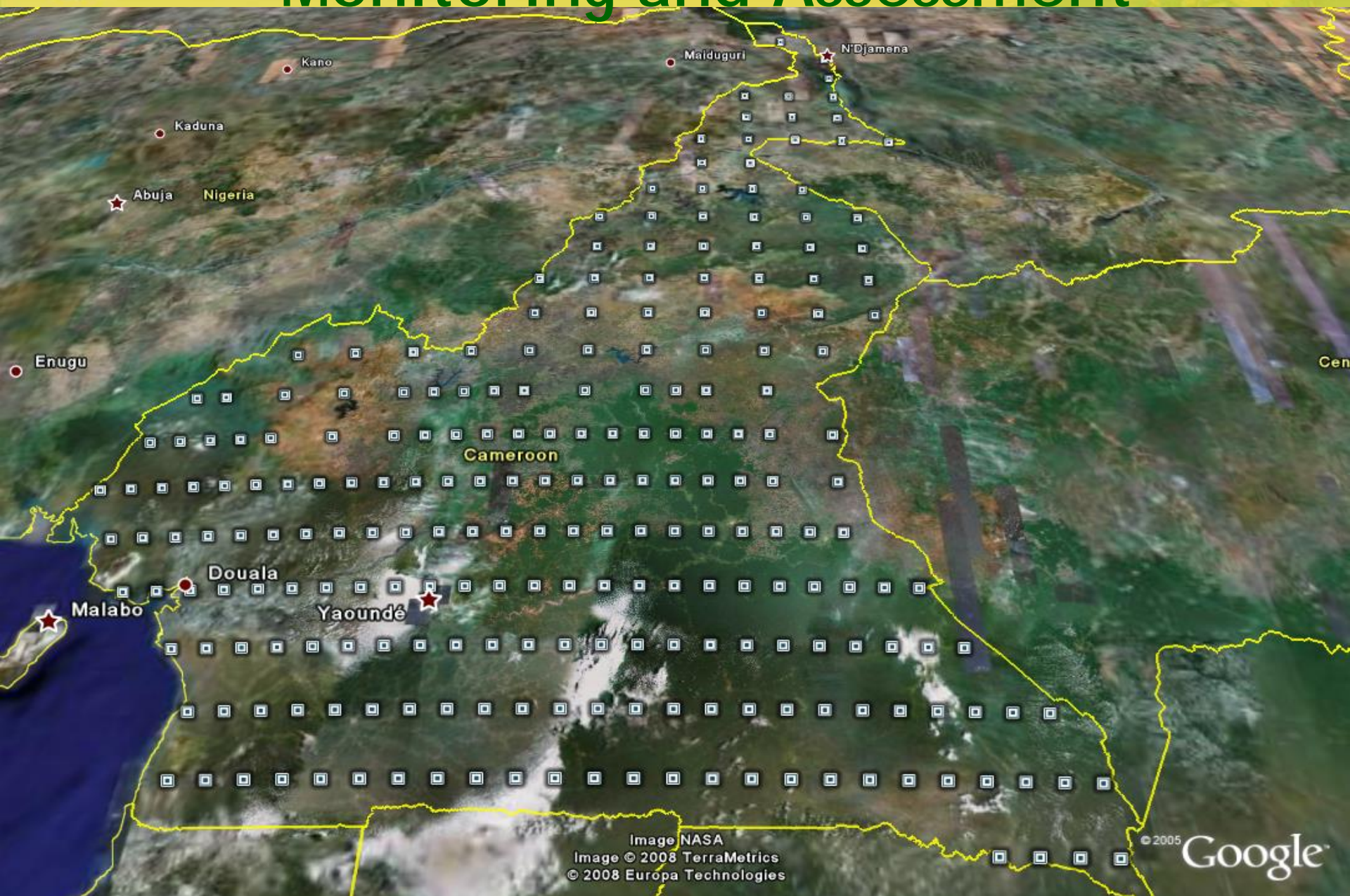


Image NASA  
Image © 2008 TerraMetrics  
© 2008 Europa Technologies

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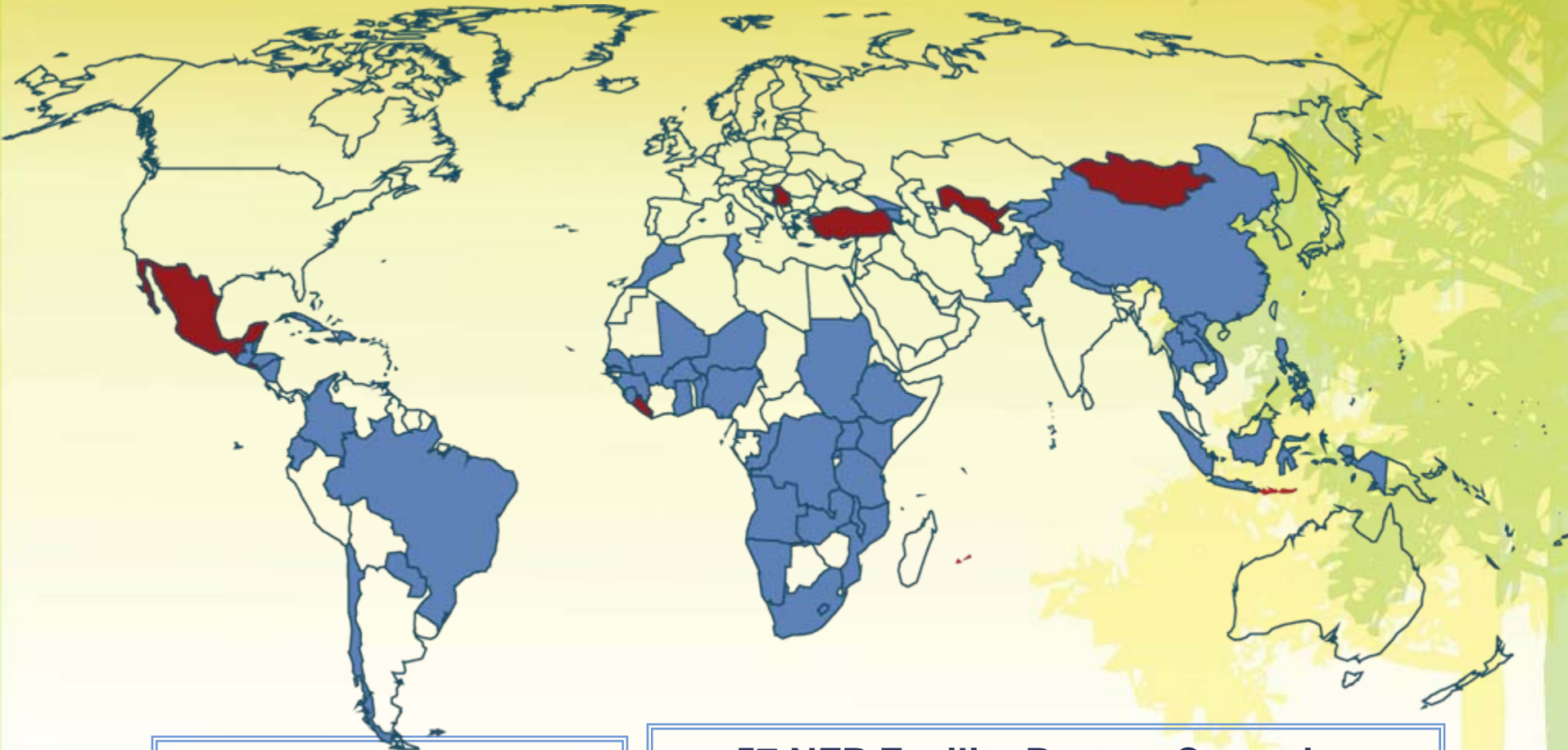


# FAO-supported NFMAs





# Support to Forest Policy Processes



**FAO regular  
programme support**

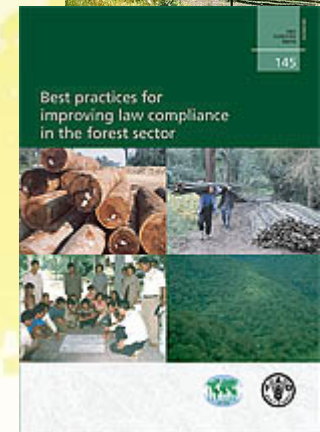
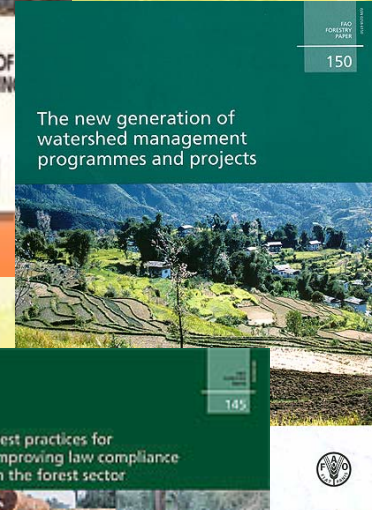
**57 NFP Facility Partner Countries  
4 Sub-regional Partner Organisations**



# SFM for mitigation and adaptation

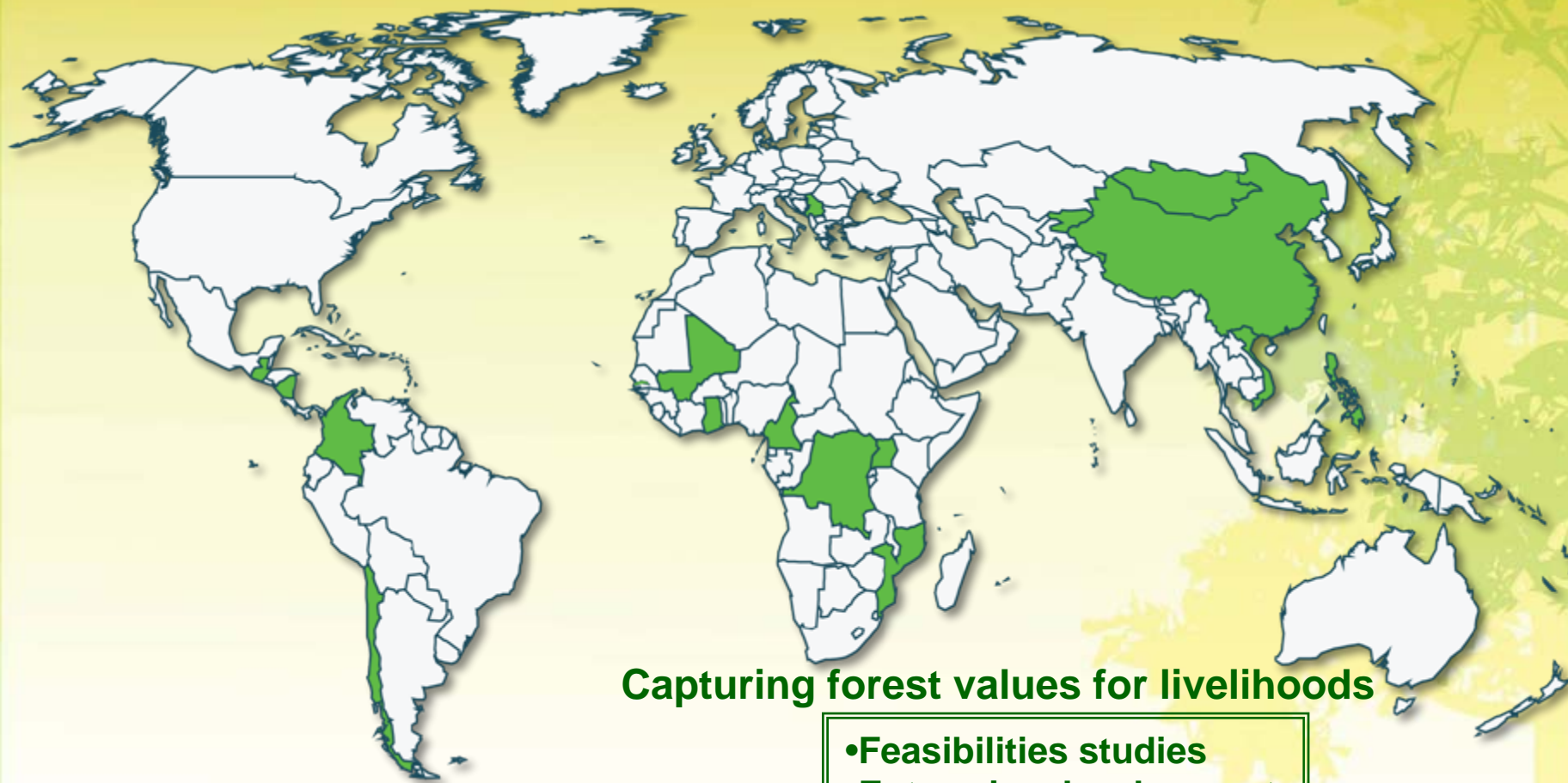
## Guidelines, tools and networks:

- Management of forests, woodlands and trees outside forests
- Forest conservation
- Forest law enforcement
- Fire management
- Forest health and invasive species
- Codes of practice for forest harvesting and reduced impact logging
- Planted forests
- Landscape restoration
- Forest genetic resources





# Community-based forest enterprise support



**Capturing forest values for livelihoods**

- Feasibilities studies
- Enterprise development
- Marketing skills
- Training



# Other activities

**Technical support to UNFCCC/IPCC processes**

**Country support for climate change projects (e.g. Kyrgyzstan, Uzbekistan, Mozambique, Liberia, etc.)**

**Development of a CDM methodology**

**Information and exchange of experiences**

- **High Level Conference on Food Security, Climate Change and Bioenergy, 3-5 June 2008**
- **Climate change workshops at Regional Forestry Commission meetings 2008**
- **Climate change publication series**
- **CLIM-FO-L list serve**
- **Website [www.fao.org/forestry/site/climatechange/en](http://www.fao.org/forestry/site/climatechange/en)**





# Working in partnerships

- CPF Strategic Framework for Climate Change
- IUFRO-led Expert Panel on Adaptation of Forests to Climate Change
- Int'l Conference on Adaptation of Forests to Climate Change (Umea, Sweden, Aug. 2008)
- Process to harmonizing forest-related definitions



- **FAO – UNDP – UNEP REDD Partnership**



# FAO, Forests and Climate Change

- 1. Global mandate on food security, agriculture, forestry and sustainable development**
- 2. Broad cross-sectoral expertise**
- 3. Information and knowledge centre**
- 4. Presence in developing countries**
- 5. Multi-lingual programme and staff**
- 6. Convening power and neutral forum**
- 7. Track record of partnership building**
- 8. Shared goal and willingness and capacity to make a substantive contribution**