



World Agroforestry Centre

TRANSFORMING LIVES AND LANDSCAPES

# ICRAF's Research with partners

A. B. Temu

Deputy Director General

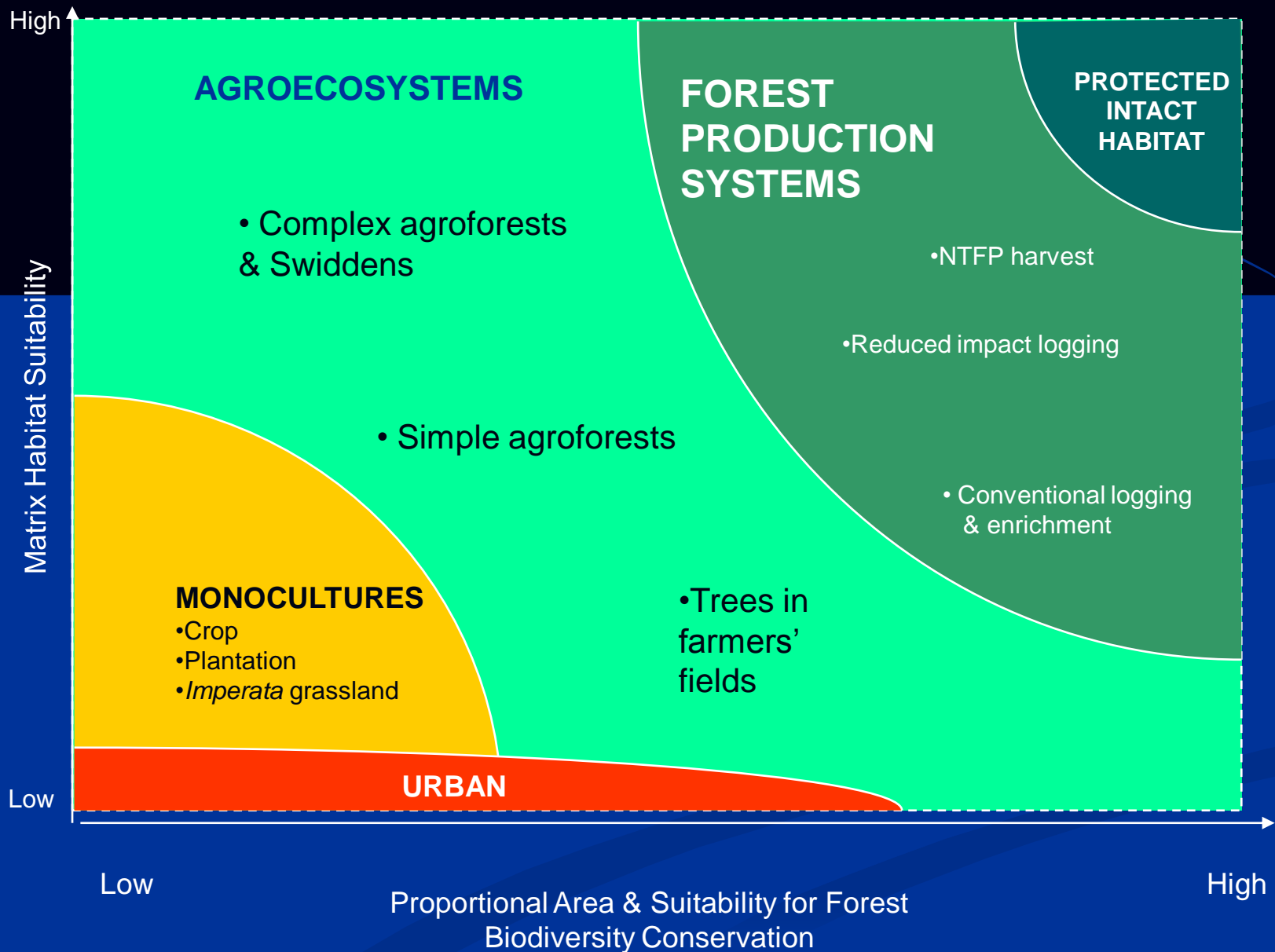
Partnerships and Impact



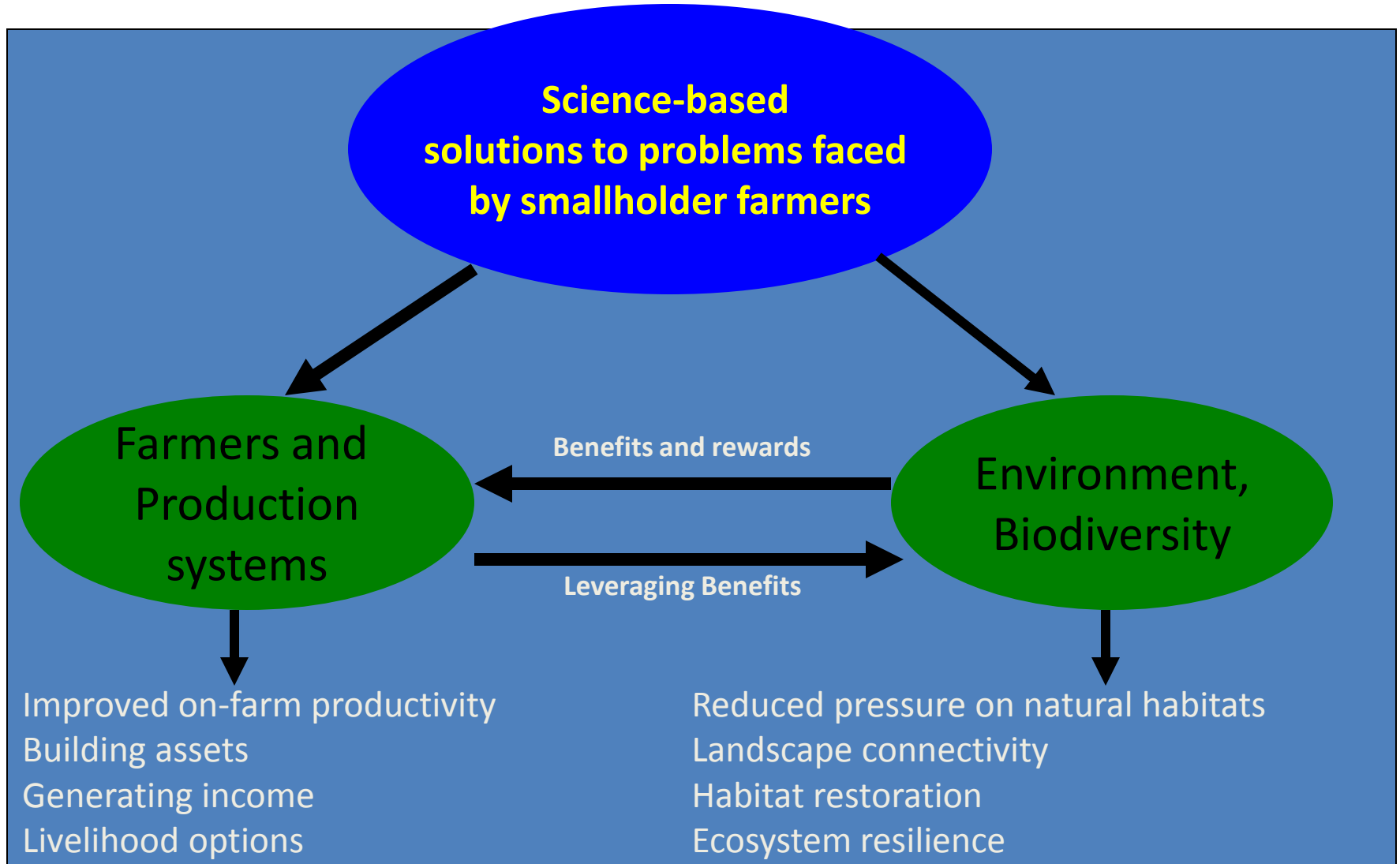
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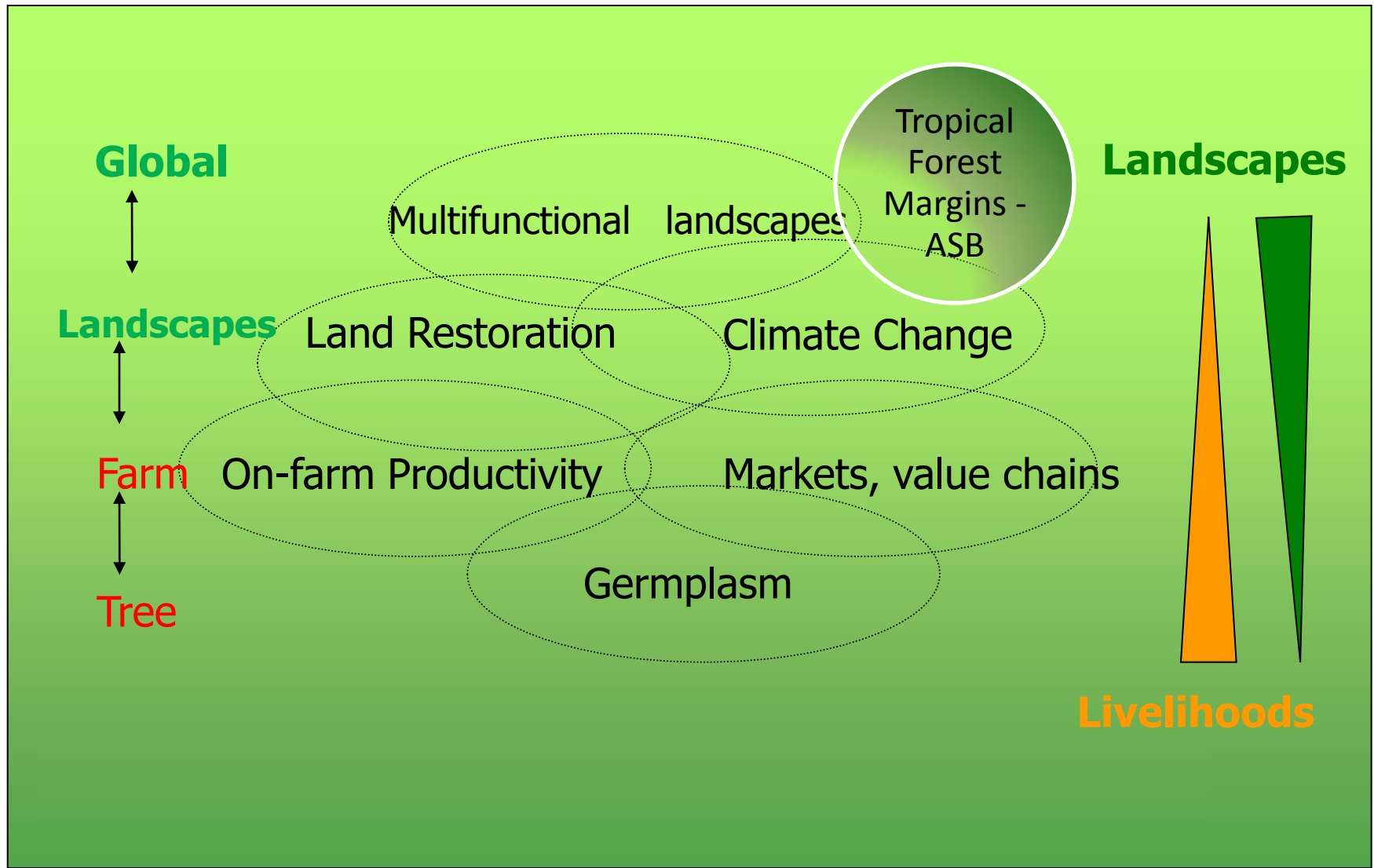
# INCORPORATING TREES ACROSS A LANDSCAPE MATRIX



# Strategic Importance of Agroforestry



# Six Global Research Priorities



# Global Research Priorities 1-3

1. Domestication, utilization and conservation of superior agroforestry germplasm
2. Improving on-farm productivity of trees and agroforestry systems
3. Improving tree product marketing for smallholders

## Global Research Priorities 4-6

4. Reducing Risks to Land Health and Targeting AF Interventions for Enhanced Productivity
5. Improving the ability of farmers, ecosystems and governments to cope with climate change
6. Policies and incentives for multi-functional landscapes with trees that provide environmental services

# ASB Partnership for the Tropical Forest Margins

| Outputs  | Purpose   |
|--|---|
| Landscape approaches to Reducing Emissions from Deforestation and forest Degradation (REDD+) and Reduced Emissions from All Land Use (REALU) | Extending the reach of Climate change financing to all landscapes             |
| Improved Shifting cultivation for Poverty Alleviation, Climate and Environmental Services  | Enhancing productivity in current practices                                   |
| Synergies between Mitigation and Adaptation for Rural landscape Transformations  | Enhancing effectiveness in integrative approach to adaptation and mitigation. |



# COCOA IMPACTS

- This approach for rehabilitation of old cocoa will help farmers to reduce poverty in rural areas.
- The production is expected to move from 400kg/ha to 1.5 ton/ha
- This approach will be extended to other cocoa production countries of WCA
- Help to increase production while avoid new clearing for new plantations



# Agroforestry at centre of 3 conventions

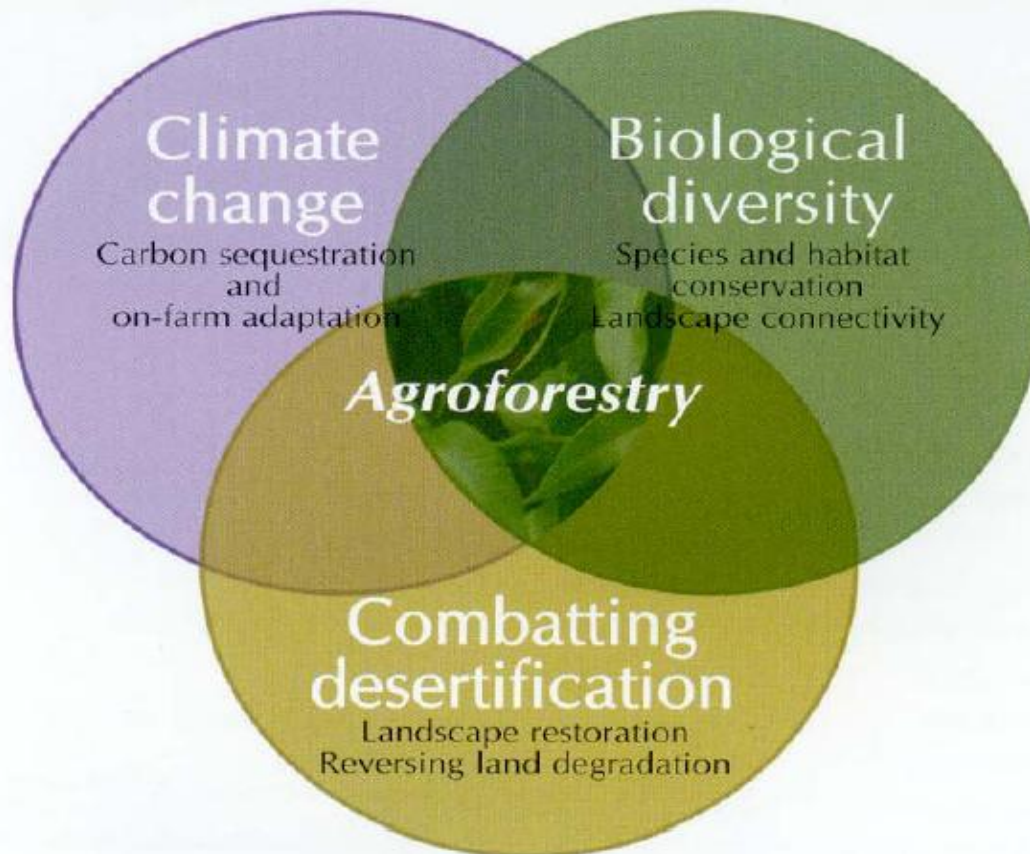
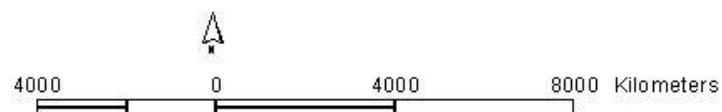
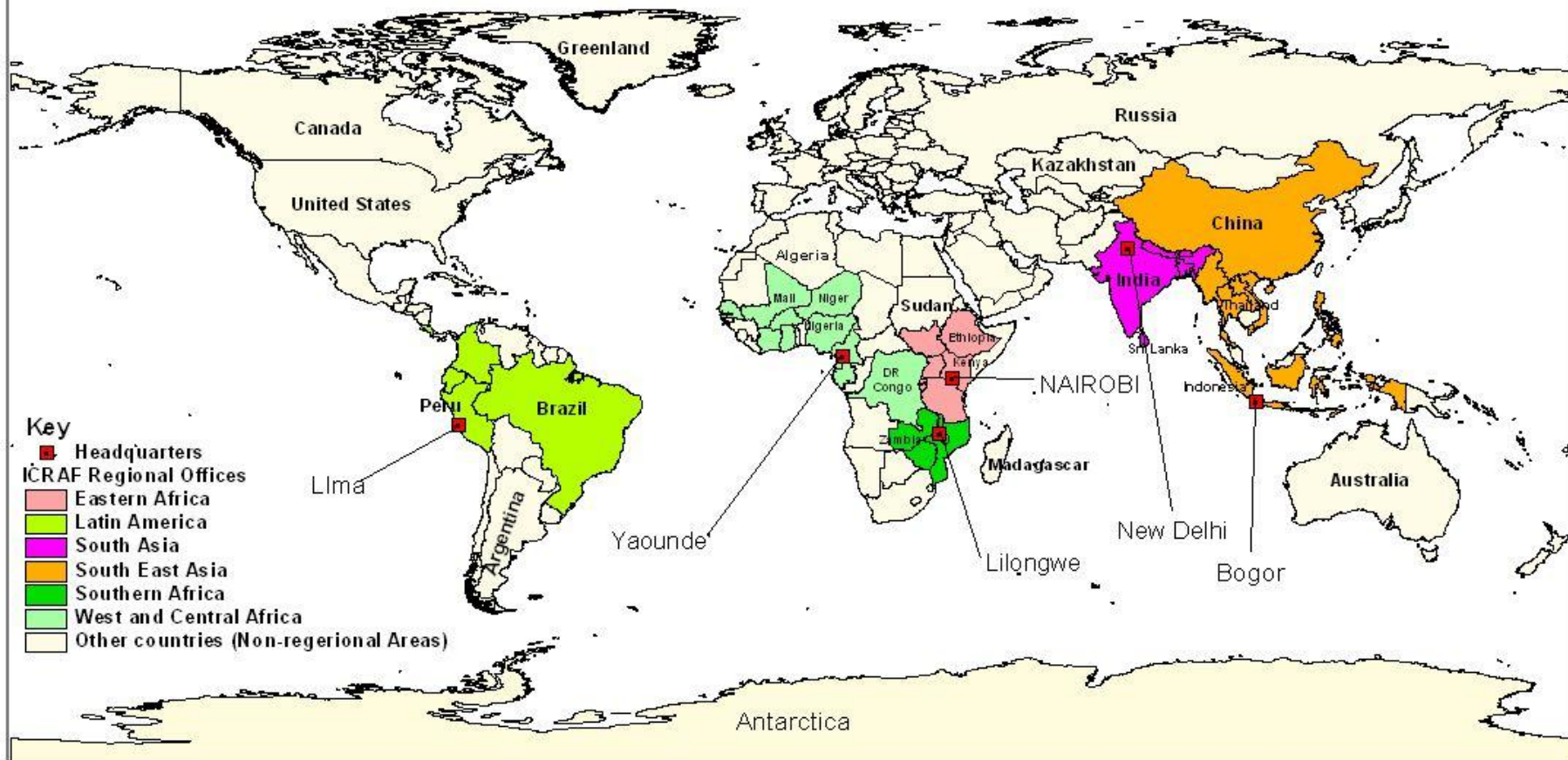


Figure 9: Agroforestry at the 'heart' of the three environmental conventions

# ICRAF REGIONAL OFFICES





# Malawi National Agroforestry Food Security Programme



Thank you





## **Conservation Agriculture with Trees (CAWT)**

**National recommendations for maize in Zambia: *Faidherbia* Fertilizer  
Trees at 100 trees per ha**



# Climate-Smart Agriculture

Africa: A Call  
to Action



agriculture,  
forestry & fisheries  
Department of  
Agriculture, Forestry and Fisheries  
PO BOX 1212, PRETORIA 0001



African Union  
United with Diversity



CLIMATE  
CHANGE  
AGRICULTURE AND  
FOOD SECURITY



LIFAD  
Enabling poor rural people  
to overcome poverty



PROFOR



UNEP



THE WORLD BANK



World Bank  
Institute



wfp.org



# Impressions on Forestry Research

## Challenges

- Reduced work on Botany, Silviculture, ecology, forest management.
- Inadequate development of Non wood tree products (NWTP)
- General decline in funding for forestry research, especially in Africa
- Inadequate support to education leading to few theses/dissertations on forestry

Results: Little new stuff is entering curricula and/or learning resources. Where are the academic books?

# Impressions on Forestry Research

## Positive changes

- Good job of wood utilization, thanks to private sector
- Rapid growth in social science and especially policy research and results
- Good job on conservation science
- Lots of new work on climate change and REDD