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ICRAF : Avancées notoires en matière d'agroforesterie

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Presentation outlines

- Our vision in link with COMIFAC Convergence Plan
- Main achievements in support to COMIFAC countries
- Key lessons learnt within the Agroforestry research

What is our dream?

A world where every smallholder rural family has access to a wide range of useful tree species that help enable it to achieve the seven family securities:

- food security
- nutritional security
- health security
- fodder security
- shelter and energy security
- income security, and
- environmental security esp. climate change mitigation through biocarbon



World Agroforestry Centre

TRANSFORMING LIVES AND LANDSCAPES

The right tree for the right place

1. Trees for Products



fruit



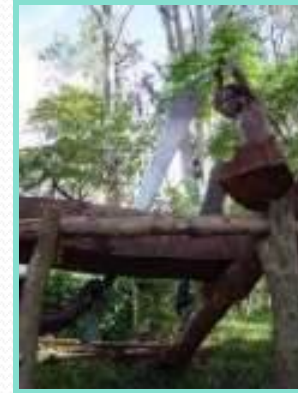
firewood



medicine



income



sawnwood



fodder

2. Trees for Services



soil
fertility



carbon
sequestration



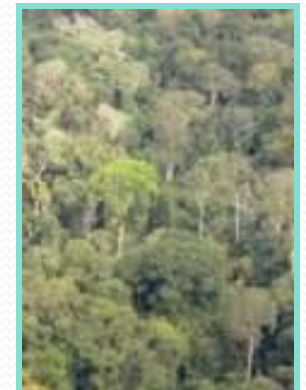
soil
erosion



watershed
protection



shade



biodiversity

ENTREPRENEURIAL SPIRIT IN PILOT VILLAGES



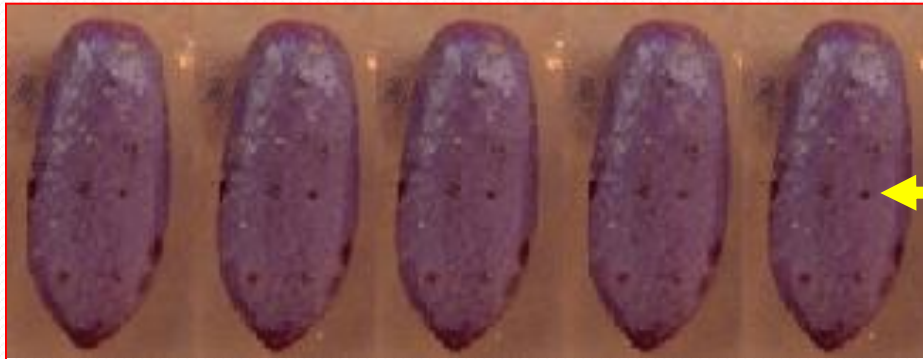
Four main achievements in support to COMIFAC convergence plan

- New cultivars created for livelihoods and ecosystem restoration
- Reducing deforestation through AF innovations
- PTD and On farm trees integration for carbon stocks
- Key lessons and applications for COMIFAC Countries

Creation of a cultivar



Earlier fruiting, smaller trees and uniform quality



The role of Agroforestry in Securing landscape carbon stocks through PTD

Examples of Bank







Calliandra for fodder banks



Erosion control, contour bands



Inga edulis for soil fertility



Multiple Functions of Improved fallows

Reducing deforestation through agroforestry innovations

- Reducing deforestation through Grafting of cocoa in forest zones
- Diversification and intensification of cropping systems through improved Agroforestry tree species

3-month old scion grafted on mature tree



First flowers of 5-month old
cocoa clones *grafted*
on mature tree



New cultivars at 1.5 (left) and 2.5 (right) years in Ecuador

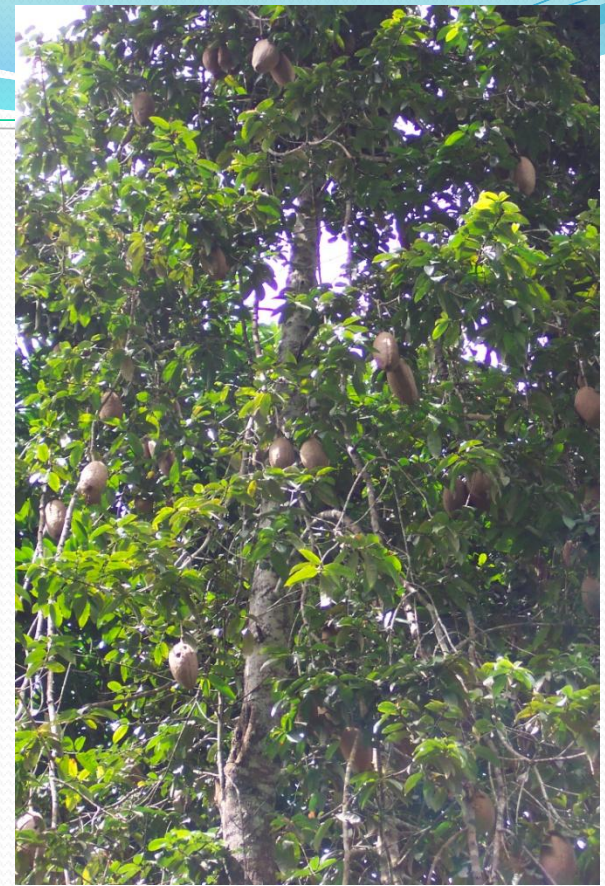
	LS Means BW	StdErr
USDA 484	7.28	0.4
USDA 374	6.90	0.34
CCN51	3.4	0.39

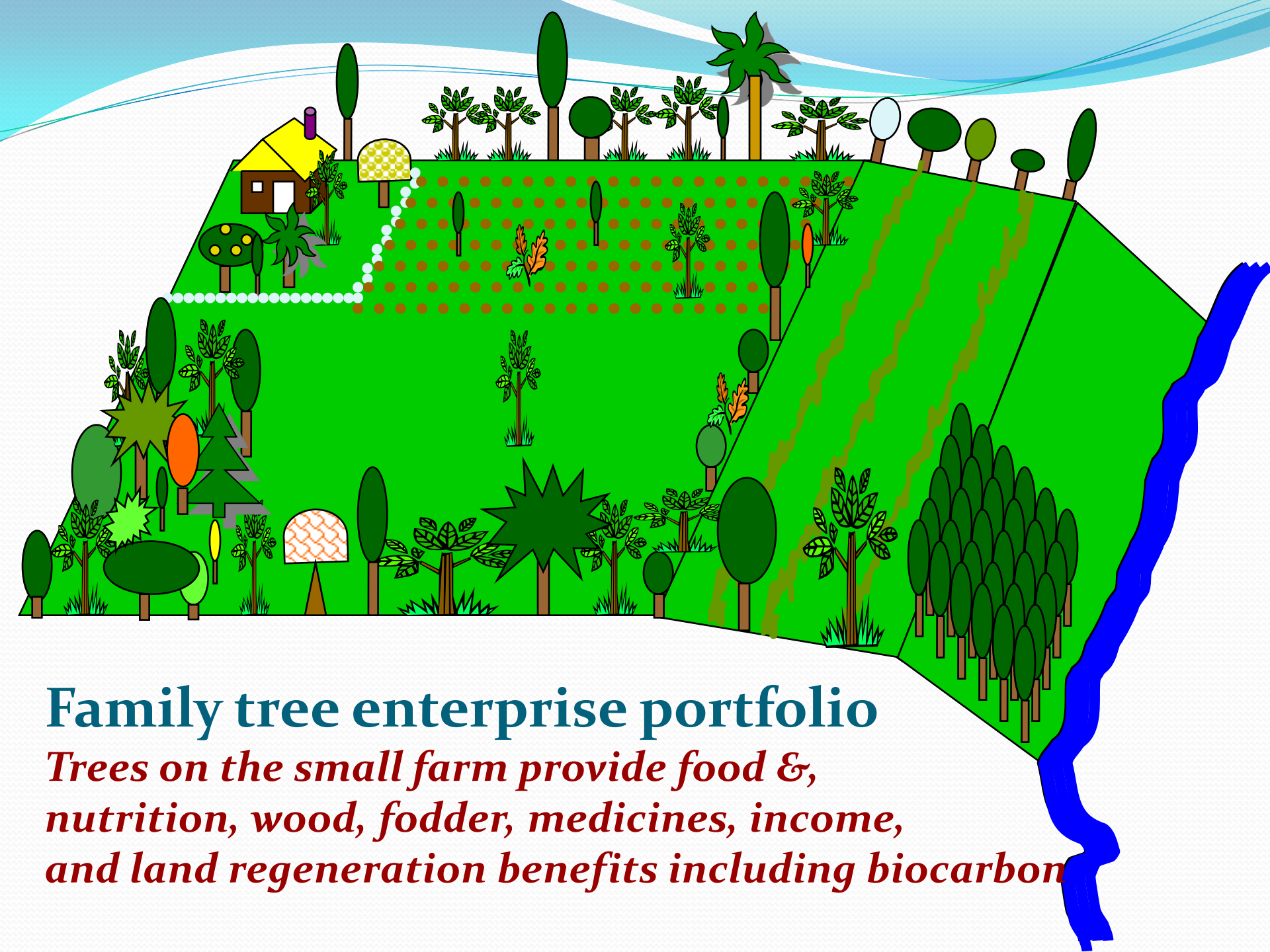
Tree Diversification



Bush mango

Safou

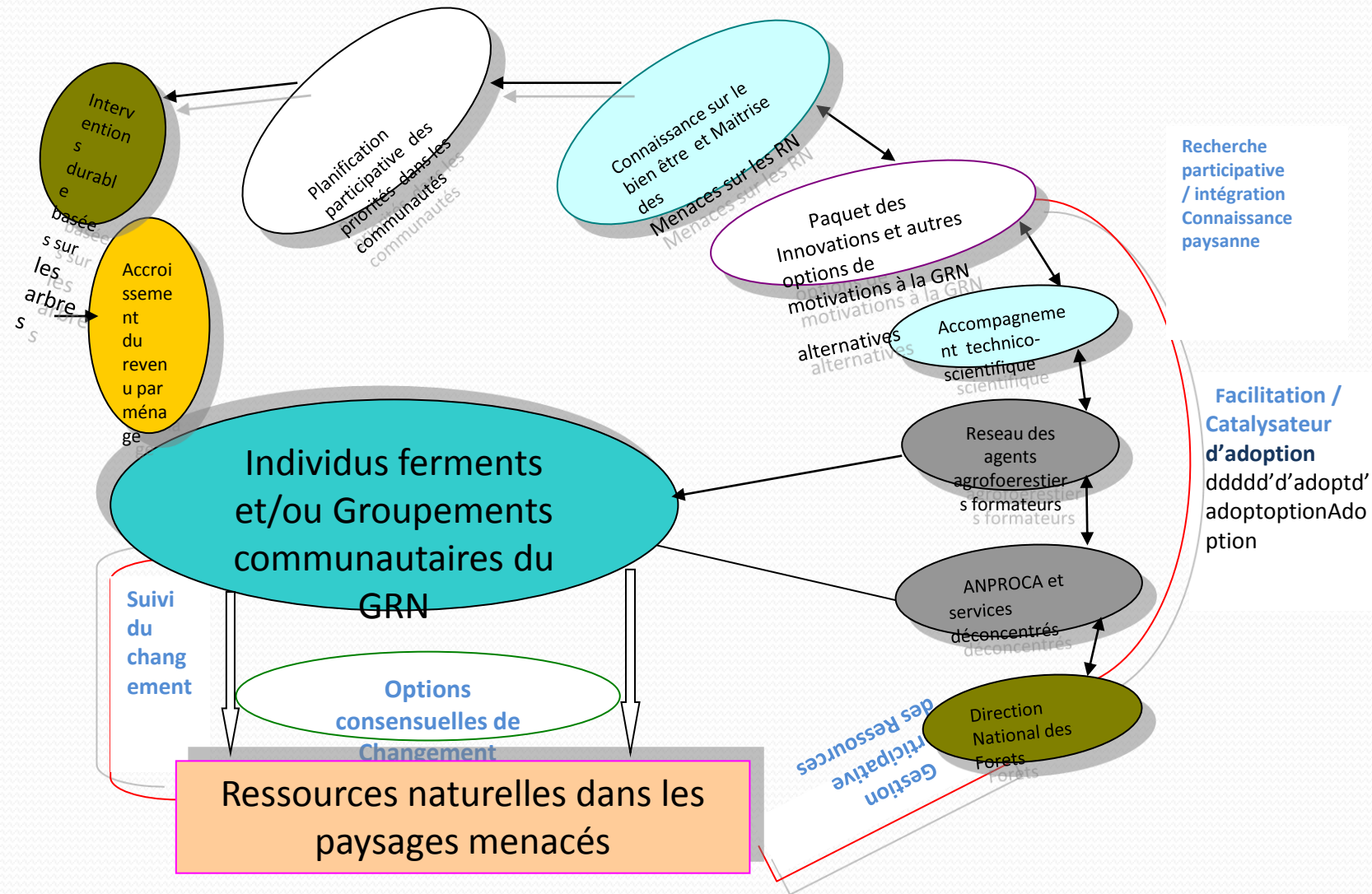




Family tree enterprise portfolio

Trees on the small farm provide food &, nutrition, wood, fodder, medicines, income, and land regeneration benefits including biocarbon

AF based approach to reduce pressure on forest



Key lessons and applications for COMIFAC

With innovative combined approaches, communities and individual farmers are able to improve and plant millions on trees for livelihoods and Biocarbon

While pursuing the goals of enhancing rural livelihoods and promoting the conservation of threatened ecosystems, it is possible to target conservation drivers and additional critical ES like Carbon and water

Trees on the small farm provide food &, nutrition, wood, fodder, medicines, income, and land regeneration benefits including biocarbon

Tree domestication creates links between REDD and REALU and increase carbon stocks in the landscapes

Our partners

We acknowledge with thanks the collaboration of:

Donors

- Norwegian Government through NORAD
- American Government
- The EU and IFAD
- RRG

Technical and institutional

COMIFAC, CBFP, CG Centers, Universities, NARS, NGOs
and CBOS

Outcome and Impact Assessment



Merçi beaucoup de votre attention

Prize award at UN summit at NY