



9ème Comité Consultatif Régional Bujumbura : 26-27 mai 2011

ICRAF : Avancées notoires en matière d'agroforesterie

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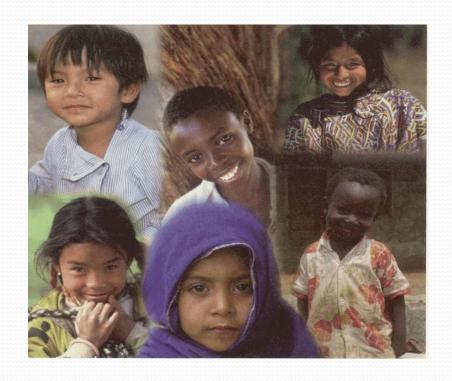
Presentation outlines

- 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





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





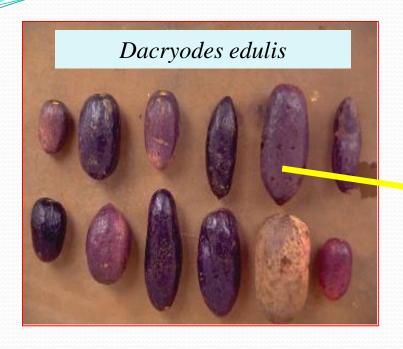




Four main achievements in support to COMIFAC convergence plan

- 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

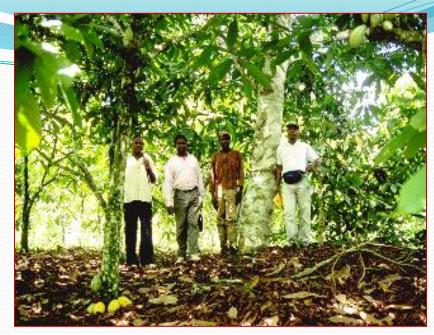
Examples of Bank





















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

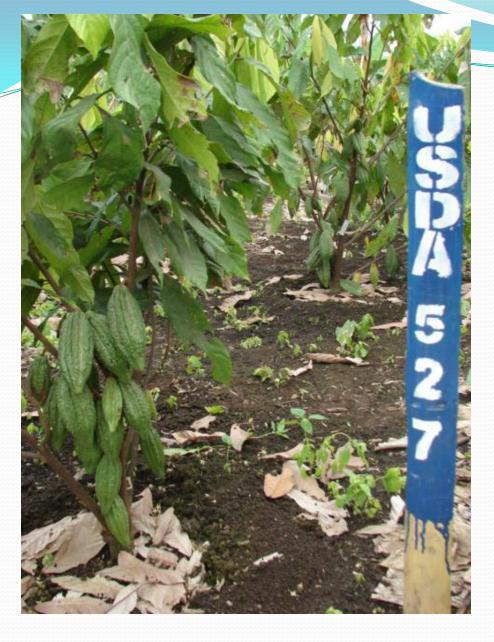
3-month old scion grafted on mature tree







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



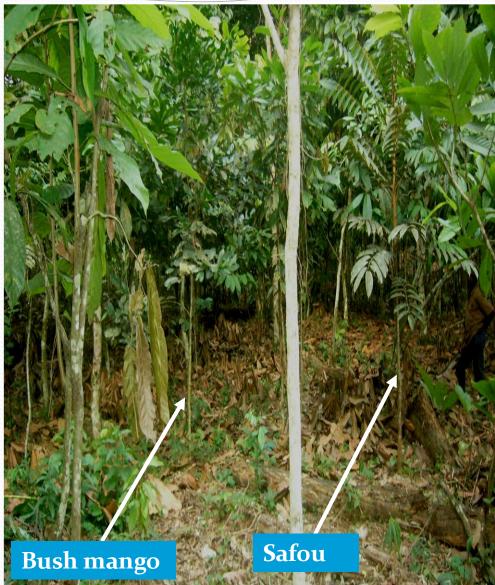
New cultivars at 1.5 (left) and 2.5 (right) years in Ecuador



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

Tree Diversification







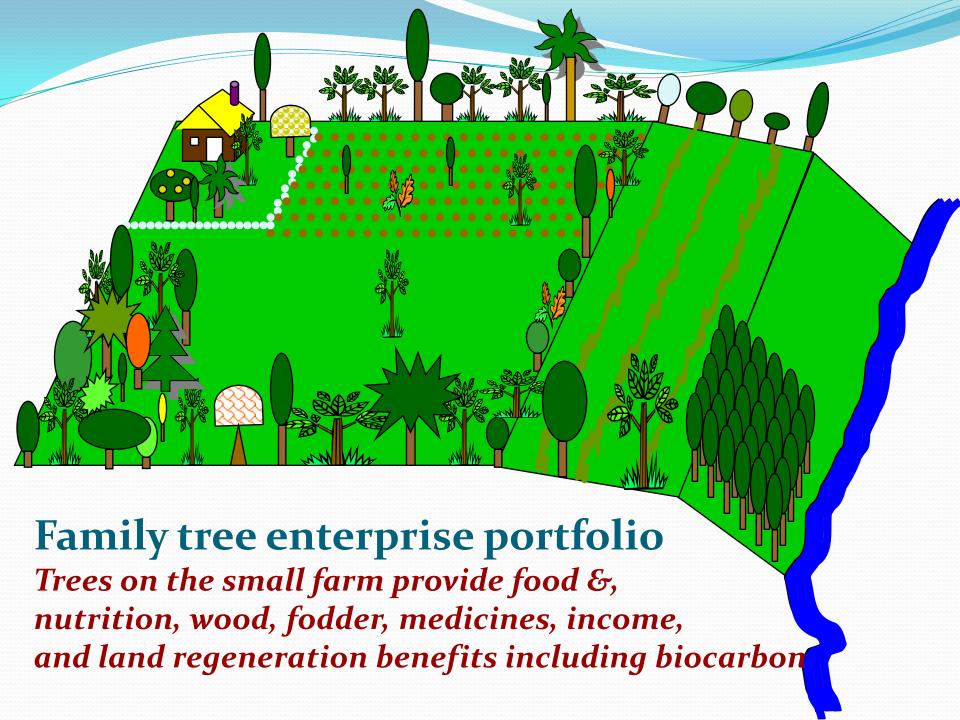




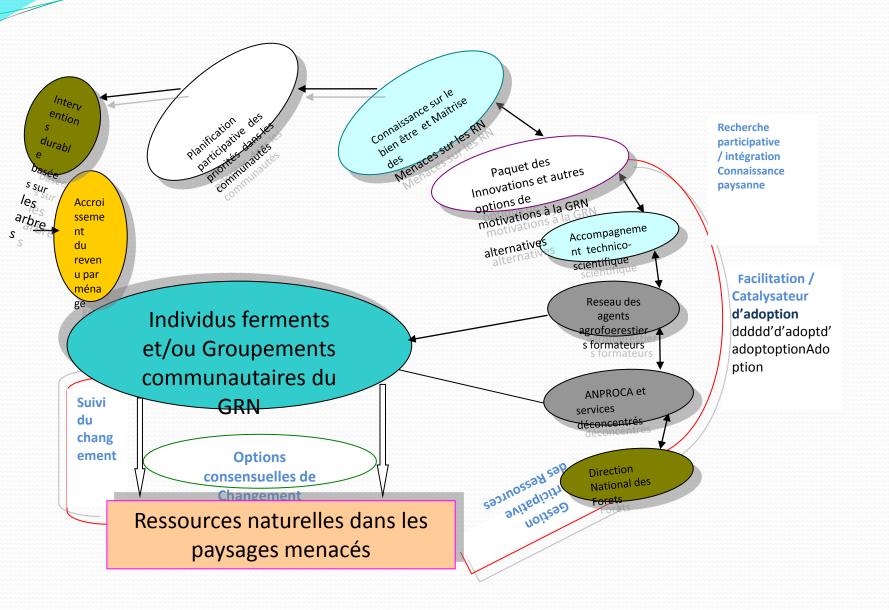








AF based approach to reduce pressure on forest



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



Agroforestry Resource Centre Wins Equator Prize

The Riba Agroforestry Resource Centre in Kumbo, Northwest Region, has received the prestigious Equator Prize at a ceremony organised on the sidelines of the last General Assembly of the United Nations in New York, USA.

HE group leader, George Kangong, was invited to New York for the official award ceremony on September 20, 2010, as part of the United Nations General Assembly and Millennium Review Summit.

The agroforestry resource centre located some 120 km from Bamenda is the brainchild of the World Agroforestry centre, ICRAF, and since 2003 scientists from ICRAF have ensured the day-today follow-up.

Due to the hard work and the adoption of the technologies introduced by ICRAF, the number of farmers planting nitrogen-fixing crops in the locality has risen from 208 to 360, crop yields (wheat and potatoes) have increased by 200 and 300 percent, and the average number of trees planted per household has risen

"I give the credit to the ICRAF team that has been working relentlessly with us over the years ...they guided us on farming and soil fertility restoration

The resource centre is dedicated to the promotion of sustainable tree-based

> with the objective of improving equity, and improving agricultural practices.

The Equator Prize is awarded biennially to recognise and celebrate outstanding community efforts to reduce poverty through

The award is, therefore, a special recognition to the initiative that best exemplifies indigenous peoples' use of traditional knowledge and the initiative that best exemplifies ecosystembased adaptation to climate change.

A community-funded rural resource centre provides training in agroforestry, tree nursery management, watershed protection, apiculture, micro-finance, and market supply chains for Alings and farm produce.