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

DRC

Nigeria

Cameroon
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

*Dacryodes edulis*

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

Inga edulis for soil fertility

Erosion control, contour bands

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

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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

Individus ferments et/ou Groupements communautaires du GRN

Ressources naturelles dans les paysages menacés
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

Prize award at UN summit at NY