WOCAT
World Overview of Conservation Approaches and Technologies

UNIVERSITÄT BERN
CDE
CENTRE FOR DEVELOPMENT AND ENVIRONMENT

Uganda Landcare Network

IFAD
Investing in rural people

UGANDA – THE PEARL OF AFRICA AT A GLANCE

Uganda-Land linked
(246,000 Km^2)

Population -36m

Growth rate of 3.% per yr

Deforestation -
2% annual loss

Trees, forests,
woodland 0-14%

(45% in 1890)(

Agriculture key

34% GDP, 81% employment,

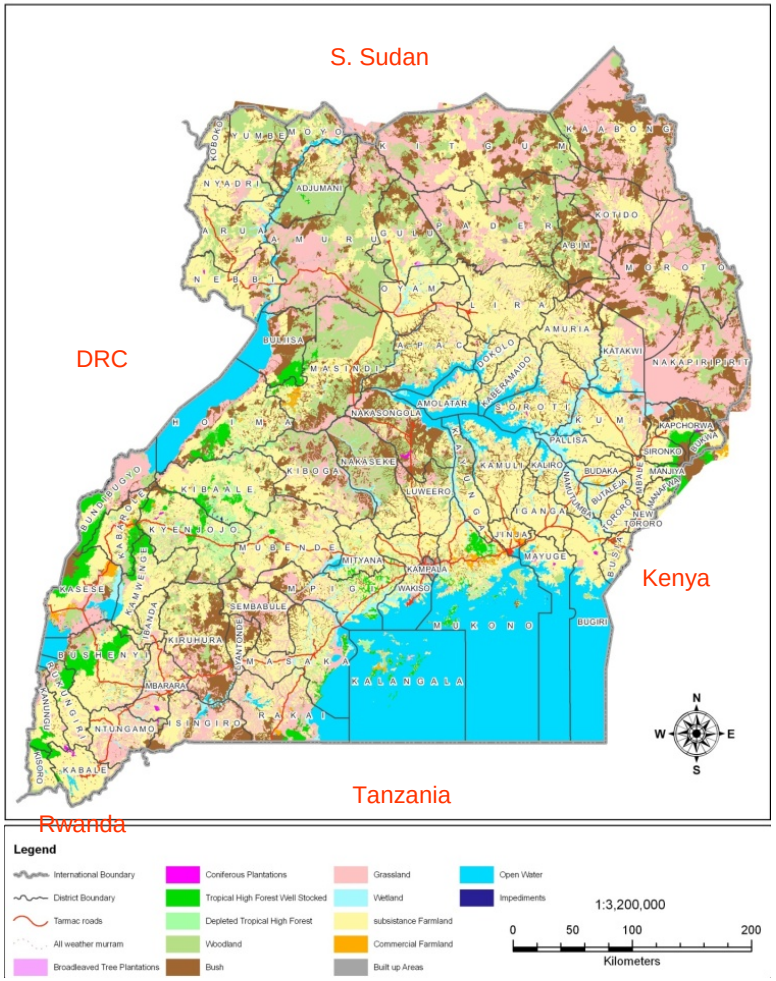
vulnerable to CC

Uganda commitment

2.5m ha

Bonn challenge Commitment

UGANDA: LANDCOVER CLASSIFICATION 2005



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OUR TEAM

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Scaling-up Sustainable Land Management (SLM) practices by smallholder farmers:

working with agricultural extension services to identify, assess and disseminate SLM practices

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Role of extension

To reach wide, varied audiences with evidence-based information grounded in research…through:

- *Promoting technologies*
- *Capacity development*
- *Facilitating project implementation*
- *Developing networks*
- *Organizing innovation platform*

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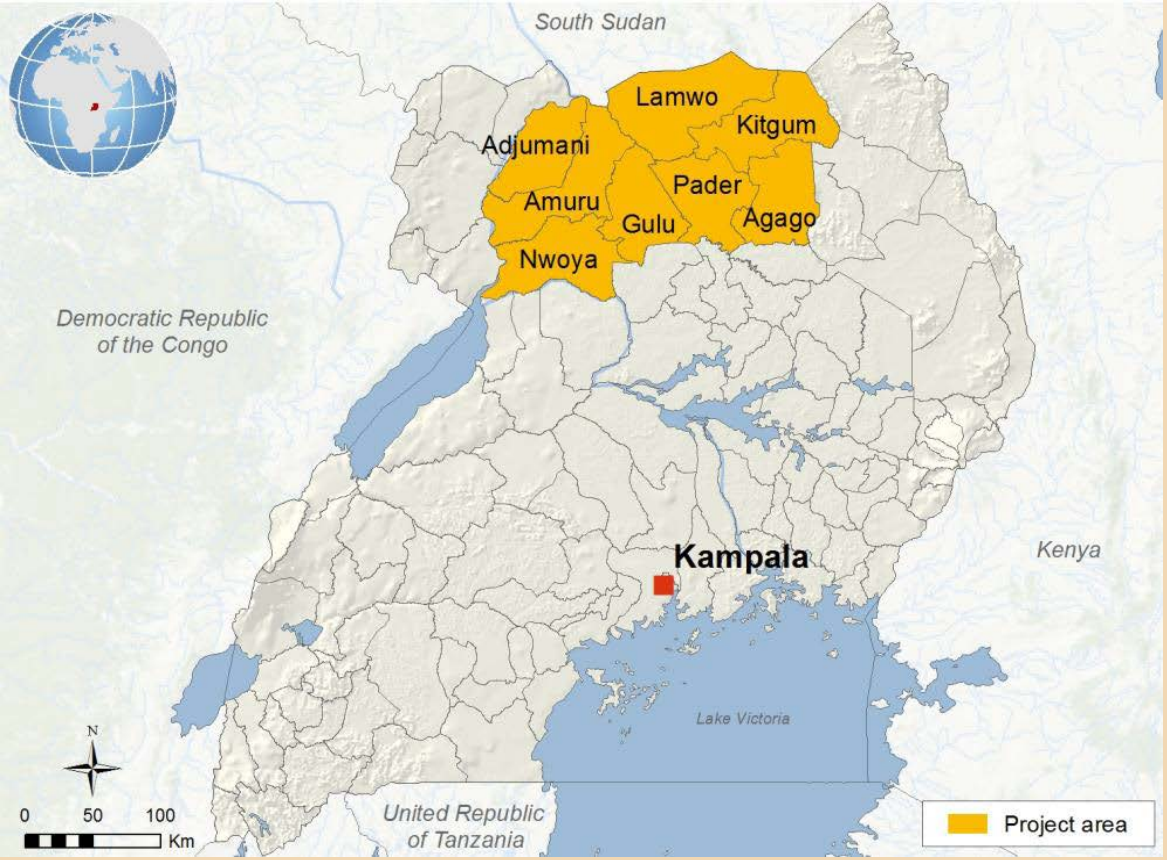
‘Complementing a Large GoU project

‘Project for the Restoration of Livelihoods in the Northern Region (PRELNOR)



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CHALLENGES

- Two decade insurgency unprecedented poverty levels
- Post insurgency land use conflicts linked to land cover depletion
- Selling of land and land grabbing
- Weak extension Only about 30% of farmers access extension services
- Minimum project coordination documentation
- Existing land management policies are poorly enforced

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UGANDA CONSERVATION APPROACHES AND TECHNOLOGIES (UCAT)

Uganda Landcare Network (ULN) www.ugandalandcare.org

Our purpose

(i) Advance and adapt the application of WOCAT tools and methods under local contexts;

(ii) Mainstreaming and scaling-up SLM while building capacity of rural extension services in SLM

(iii) Producing knowledge products with joint authorship.

PROGRESS AREAS

TRAINING

1. Introduction to WOCAT tools and methods
2. Trainers of Trainers (TOT facilitated by WOCAT

NETWORKING, PARTNERSHIP AND AWARENESS BUILDING

1. Establishing a functional National Expert Group
2. Inception workshop for local stakeholders to buy into the project
3. End of Appraisal phase was organised to share project results
4. MOU signed involving ULN, WOCAT and Ministry of Agriculture,
5. National Agricultural Research Organization (NARO) identified to host a national database
6. Established a working partnership with the UNCCD desk

DATA COLLECTION /DOCUMENTION

1. Mapping and Stakeholder analysis
2. Documentation of technologies

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FACTSHEET 3: FMNR & Nature Based Enterprise

Village: Koch Parish : Acoyo; Subcounty: Karo District: Gulu

OVERVIEW:

The unique Farmer Managed Natural Regeneration (FMNR) dominated by a variety of native trees shrubs, bamboo shrubs and some exotic species is symbiotically linked to a range of nature based enterprises including apiary, fruit growing, piggery, tree plantations and fish farming as well few pieces of land dedicated for the production of food crops such as sim sim, sweet potatoes, maize an cassava. The farmer Mr. Ohuru doubles as the Chairman LC 3 owns other enterprises outside the main farm such as Tree nursery, pine trees plantation. Mr Ohuru developed a passion for tree based innovations from a neighboring champion forester and regularly receives advice from the district forest officer. He is part of the Sawlog production scheme- a government programme promoting tree farming on large scales

PROBLEMS: Wild fires; Roaming animals, soil moisture, Tree cover, Pests

ISSUES and SOLUTIONS

FMNR :

Spacing, plant densities, survival of young seedlings is achieved through careful thinning regular clearing of undergrowth and fencing. The farmer has put in place byelaws (marking trees with projected cutting dates) to safeguard treasured tree species from early harvesting. The farmer reported tree farming is profitable as a mature tree fetches between USD $150-180

Nature based enterprises

Apiary

Survives on variety of trees under FMNR

Piggery

Survives Trees products for construction

Fish farming

A new enterprise harnessing wetland ecosystems on farms

Market access

Gulu town is the key market for most of tree products as well as farming communities not involved in tree farming. Southern Sudan also presents sure market for tree products

Quality seed

The farmer reported accessing improved seed from certified sources and raising his own seedling form accessing improved seed for especially pine , gravellea, apples , mangoes, eucalyptus . The indigenous tree seeds are propagated locally.

Capacity building

Backstopping on tree management under FMNR. General knowledge management on integrated sustainable land management ; networking; tree nursery management

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SAMPLE OF TECHNOLOGIES DOCUMENTED

No	Name	Introduce/ Traditional	No	District
1	**Modern intensive Livestock management**	IP	2143	Gulu
2	**Piggery with group association**	IP	1803	Gulu
3	**Ground water harvesting for crops and livestock production**	TT	2304	Lamwo
4	**Apiculture**	TT	2327	Kitgum
5	**Integrated bee keeping in Agroforestry in a group demos**	IP	2257	Sagago
6	**Woodlot for sawlog production**	IP	2276	Lamwo
7	**Fanya ju trenches for SWC**	IP	2274	Agago
8	**Livestock grazing for animal manure**	IP	2761	Gulu
9	**Dove poultry for manure production**	TT	2320	Pader
10	**Integrated mixed cropping and AF**	IP	2765	Gulu
11	**Banana leaf mulching for SWC**	TT	2757	Nwoya

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KEY ACHIEVEMENTS

- 36 Technologies documented (drafts for uploading)
- National database established hosted (NARO)

www.slm.go.ug

- MOU signed with MAAIF
- 6 member National Expert Group on SLM established
- Working partnership with UNCCD country desk

CHALLENGES

1. Internet Connectivity in the rural setting
2. Capacity gaps at extension level
3. Questionnaire very simplification for wide use
4. Mainstreaming and acceptance at national level

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THANK YOU FROM UGANDA