







Livelihoods And Resilience Sector Working Group Meeting

22.6.2021, RI and WRM Status Update









## Introduction – RI and WRM

- > NURI Project implementation runs from 2019 up to December 2022. The project is funded by Danida.
- > Rural Infrastructure Project activities are implemented in 13 districts and five refugee settlements. The districts include: Arua, Madi-Okollo, Terego, Koboko, Nebbi, Zombo, Pakwach, Moyo, Obongi, Adjumani, Lamwo, Agago and Kitgum.
- The five refugee settlements include: Rhino Camp, Imvepi, selected settlements in Adjumani, Palorinya and Palabek.
- Water Resources Management (WRM) activities are implemented in 8 micro catchments located in ten districts: Nebbi, Zombo, Pakwach, Kitgum, Terego, Madi-Okollo, Adjumani, Obongi, Moyo and Lamwo







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### **DRC Budget for RI and WRM UGX**

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Rural Infrastructure	49,599,870,000
Water Resources Management	24,765,300,000
Total	74,365,170,000









### **Rural Infrastructure Project Activities**

- Site dialogue meetings and signing of voluntary land donation forms
- Community groups formation. Each group has 30 members, 50% female, young people (18 to 28 years) comprise 60% of the group members
- In the refugee settlements participants are half nationals and half refugees.
- Project activities include: opening/rehabilitation of community access roads
- Establishment of food forests in the institutions like schools etc
- Improvement of grade C Markets, construction of water ponds
- Protection of springs





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### Water Resources Management Project Activities

- The WRM component is implement by DRC and MWE/UNWMZ. The MWE/UNWMZ is responsible for generating micro catchment management plans which are implemented by DRC.
- The WRM activities are implemented in 8 micro catchments in ten districts.
- Project activities include:
- Opening/rehabilitation of green roads for harvesting water for crop production
- Establishment of food forests in the hot spots within the Micro catchments
- Construction of dams/Valley tanks









### Water Resources Management Project Activities

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- Protection of springs
- River Bank Restoration
- Establishment of small scale irrigation schemes in selected districts





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# **Project Approach**

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- NURI RI and WRM is implemented using labour intensive approach
- Community groups work for 20 to 25 days for various projects and paid cash at the daily rate of 6,000 Ugx
- The cash payments are carried out by Post Bank Uganda









### **Roles of Districts and Sub Counties**

- The District Planners, CDOs and Parish Chiefs participated in revalidation of Parish Development Plans
- > The district and sub county staff participate in screening of projects
- > They do carry out monitoring and supervision of projects
- > Provide DRC equipments e.g rollers for compaction of formed roads and graders for reshaping of roads before compaction
- > Participate in training of PMCs
- > Participate in selection of project beneficiaries









# Number of Completed Projects RI and WRM 2020-2021

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Projects	Target	Number Completed
Community Access Roads	757 Kms	355 Kms
Food forests in acres	1,422 acres	362 acres
Markets grade C	12	4
Protected Springs	178	79
Water Ponds/Valley tanks	93	23









# **Resilience Design Approaches**

- RD focuses on making Infrastructures absorb shocks and stresses related to Ecological, Social, Economic and Environment and Hydrology
- The Foundation of Resilience Design is based on Soil and Water management and it's being implemented as follows

#### <u>Roads</u>–

Mitre drains will terminate into systems of Infiltration pits, ponds and/or bio swales for crop productions and livestock

- Run on water may be slowed, spread and infiltrated into the agricultural systems
- Roads may also be protected in difficult areas by diverting all the water into bigger ponds









# **Resilience Design Approaches**

**Food Forests** - Planting mimicking nature (the best Scientist):

- Planting various layers which can be used for various reasons like food, timber, medicine, firewood, nitrogen fixing, fodder.
- Increasing water infiltration to hydrate the soils by construction of bioswales or smile berms

<u>Markets</u> - Plant Trees and ensure water from roofs and hand washing facilities are discharged into waste mulching basins.

 Turning all wastes in the markets as resources for organic manure and biogas production. To be piloted in Imvepi point J market (Grade C)

**Protected Springs** – making all protected springs resilient and perennial:

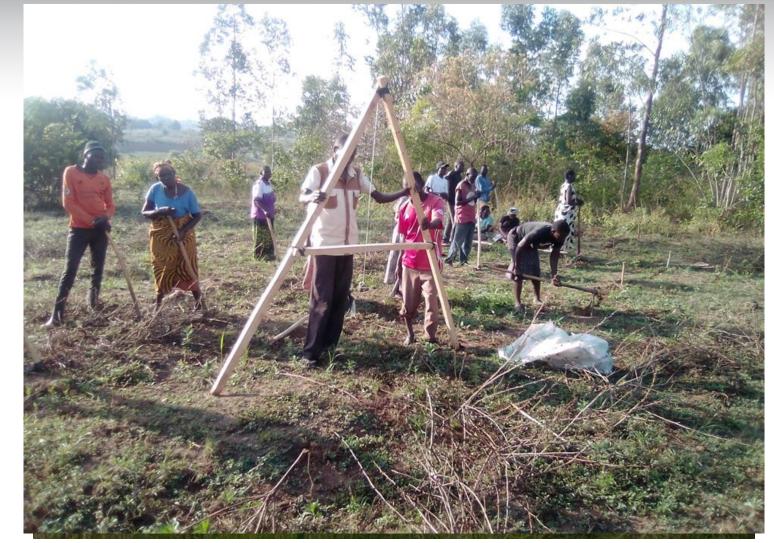
- Constructing bios wales and infiltration pits upstream recharge.
- Planting trees including FMNR on all the existing trees around the spring.











A community group using A-Frame for determining contours in a food forest site









### **Resilience Design Approach**

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Water pond constructed during resilience design in Nebbi district









### **Lessons Learned**

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- DRC supported the Districts and Lower Local governments in the planning process. For instance revalidation of the Parish Development Plans. This was appreciated by the local governments.
- Timely supply of inputs such as tools is essential for effective and timely implementation of activities.
- The NURI project is widely appreciated by the communities that is why the turn up during project activities is high.











A community group in Nebbi district working on CAR











Completed spring in Pajulu sub county – Arua district









