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
# DRC Budget for RI and WRM UGX

<table>
<thead>
<tr>
<th>Rural Infrastructure</th>
<th>49,599,870,000</th>
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<tbody>
<tr>
<td>Water Resources Management</td>
<td>24,765,300,000</td>
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<tr>
<td>Total</td>
<td>74,365,170,000</td>
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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
Water Resources Management Project
Activities

- The WRM component is implemented 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

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

- 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

<table>
<thead>
<tr>
<th>Projects</th>
<th>Target</th>
<th>Number Completed</th>
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<tbody>
<tr>
<td>Community Access Roads</td>
<td>757 Kms</td>
<td>355 Kms</td>
</tr>
<tr>
<td>Food forests in acres</td>
<td>1,422 acres</td>
<td>362 acres</td>
</tr>
<tr>
<td>Markets grade C</td>
<td>12</td>
<td>4</td>
</tr>
<tr>
<td>Protected Springs</td>
<td>178</td>
<td>79</td>
</tr>
<tr>
<td>Water Ponds/Valley tanks</td>
<td>93</td>
<td>23</td>
</tr>
</tbody>
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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.

**Roads** –

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 bio-swales or smile berms.

**Markets** - 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
Water pond constructed during resilience design in Nebbi district
Lessons Learned

- 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
END