



Ministry of Water and Environment
Joint Technical Review 2017

**Feedback from Group III Field Visit
to Butalejja**



Group composition

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Site 1 – Bungagi Wetland

Seen at the site



Ongoing initiatives

- Too much silting of the river
- Prolonged drought affected water levels of R. Manafwa
- Wetland management Plan developed - Wise-use initiatives underway to implement plan: Fish farming **(recent returns of UGX 10m)**
- Minimal tree planting for river bank protection – trade-off for rice growing

Site 2: Nakwiiga CFR

Seen at the site



Issues

- 111 ha – gazetted CFR – the only reserve in the district
- Completely encroached
- Boundaries not open
- Land conflict with community

Site.....



Site 3: Solar powered scheme at Manyami

Seen at the site



Information generated

- Scheme one of the 35 constructed with Support from AfDB (20) and GoU (15)
- Technology eliminates queuing for water - high production BH – 3 cubic metres/hr
- Will be scaled-up in all districts with extended AfDB funding
- Costs USD 80,000
- Communities pay 25/ per 20-ltr jerrycan
- Water collected at one source
- No ground water abstraction permit

Site 4: Doha Irrigation scheme

Seen at the site



Information generated

Success stories

- Formation of SACCO – now doing bulk marketing
- Increased water coverage after reconstruction of scheme, now at 98% up from 40%
- Increased crop yield – now at 1,500kg/acre/season up from 500kg/acre/season
- Night reservoir of 15,000c/m

Challenges: Droughts; Siltation; Low levels of mechanisation

What was learnt

- a) Implementation of CMPs can leverage from budget neutral activities in the interim – e.g. community/school tree planting initiatives
- b) Tree planting needs to be strengthened with enforcement – the recent experience of droughts in the country requires concerted efforts centre and LGs to protect the environment.
- c) District has so many land conflicts – land demarcation with trees can be an opportunity for tree planting in the district enforced by a district ordinance
- d) Lack of criteria for boundary opening – national level subjects forest reserves to encroachment and aggravates land conflicts

What was seen as the main challenges for the sector

1. Limited technological innovation towards cost-effective multi-purpose water schemes
2. High population growth affecting water coverage
3. Climate change and variability affecting availability of water for production
4. Low sector funding especially for the District ENR conditional grant (5m for Butalejja) and implementation of catchment management plans
5. Low coverage of piped water in rural water supply schemes affecting coverage

Policy recommendations

- 1) Rural water supply schemes should consider integrating piped water in the designs
- 2) NFA should fast track boundary opening for all the forest reserves especially those highly encroached/degraded and implement CFM in such forest reserves
- 3) Implement water for irrigation scheduling plan and invest in a new water storage reservoir to cater for the forthcoming Doho II irrigation scheme extension
- 4) Fast track implementation of the WB water and sanitation project to boost water supply in Butalejja