



## MINISTRY OF WATER AND ENVIRONMENT

# DIRECTORATE OF WATER DEVELOPMENT WATER AND SANITATION DEVELOPMENT FACILITY-EAST [WSDF-E]

### “Support to Water Supply and Sanitation Development in Small Towns and Rural Growth Centres under the European Union [EU] – MDG Initiative”



Public stand post in Luuka TC

The Government of Uganda through Ministry of Water and Environment is implementing, “Support to the Water Supply and Sanitation Development in Small Towns (STs) and Rural Growth Centres (RCG’s)”, a project under the European Union MDG-initiative.

Water and Sanitation Development Facility – East (WSDF-E), with its base office in Mbale Municipality, is one of the four regional branches that covers districts across Eastern Uganda.

The project is being implemented in selected STs/RGCs in 39 Districts of Amuria, Kotido, Kaabong, Abim, Moroto, Katakwi, Soroti, Kaberamaido, Kumi, Bukedea, Bukwo, Kapchorwa, Nakapiripirit, Sironko, Manafwa, Bududa, Mbale, Tororo, Busia, Butaleja, Pallisa, Budaka, Namutumba, Bugiri, Kalliro, Iganga, Mayuge, Kamuli, Jinja, Buyende, Namayingo, Amudat, Serere, Luuka, Bulambuli, Napak, Ngora, Kibuku and Kween.

WSDF-E secured Euros 8,234,772 from the EU-MDG Initiative to implement this project. The Programme funds are managed by the Austrian Development Agency (ADA) and the project receives 10% co-funding from the Government of Uganda.

EU has enabled a population of about 385,000 access safe water and improved sanitation under the EU MDG-Initiative Project I.

#### Specific Objective

To provide access to safe piped water supply for at least 350,000 people in small towns and rural growth centres (equivalent to a projected population of 630,000, considering a 20 years population scenario), and to achieve 100% latrine coverage for the same target population, with at least 80% of the latrines complying with the MDG criteria for improved sanitation.

#### Expected Results

- Access to safe piped water supply for at least 350,000 people in line with national standards in terms of service quality, quantity and distance as well as water quality and source protection;
- Adequate sanitation for the same target population, by



Reservoir tank in Kagoma RGC

achieving 100% latrine coverage (this being one of the community obligations), promoting the improvement of sanitation facilities through an incentive scheme, and improving the environmental health situation by constructing public toilets and sludge treatment facilities;

- Sustainable and efficient functionality of the new water & sanitation infrastructure, to be ensured by appropriate arrangements for operation & maintenance and cost recovery.

#### Activities

##### Preliminary Support

- Awareness campaigns, promotional activities and stakeholder information on eligibility criteria and policy principles
- Identification of affordable technical options for improved water supply and sanitation facilities and capacity development

#### Piped water supply systems

Advocacy, mobilization and sensitization; development of the water source, construction of piped water supply facilities, including development of O&M manuals, operators training and hand over

#### Improved sanitation

Advocacy, construction of public sanitation and sludge treatment/disposal facilities, related O&M training and hand over, pilot new sanitation approaches, through demand creation, capacity building, incentives and enforcement

#### Institutional set-up for sustainable O&M

Appointment of water authorities and gender sensitive water and sanitation committees/boards, support procurement and contracting of private operators, signing of performance contracts, organisational capacity development, training O&M, preparation of regional umbrella organization support

#### Achievement to date

**Functional water supply systems with sanitation facilities**  
Construction of piped water facilities in the STs/RGCs of Tirinyi, Kibuku, Abim, Kaabong, Karenga, Katakwi, Bukedea, Kapchorwa, Busiu, Namutumba, Mbulamuti, Kachumbala, Ocheri, Irundu, Matany, Namalu, Suam, Buwuni, Kalliro TC, Luuka TC, Bukwo TC and Kagoma was completed and communities are accessing safe water and are aware of the best sanitation practices at home and community level. This intervention led to a population of 385,127 people access safe piped water supply in the region.

#### Ongoing construction works

Currently, Water and Sanitation Development Facility – East has ongoing construction works in the STs/RGCs of Ocapa, Kyere, Nakapiripirit, Bulegeni, Buyende, Kasambira tank, Kapelebyong, Busedde-Bugoba, Iziru and Namagera which are at different stages of construction and will soon enable the respective communities to access safe water.

#### Sanitation coverage

The WSDF-E ensures 100% basic sanitation achievement for a completed ST/RGC through sanitation trainings and house-to-house checks. The Project also encourages good sanitation practices by promoting the ecological sanitation toilets (Urine Diversion Dry Toilets) for environmental conservation. Over 146 household ecological sanitation toilets and 26 public and institutional toilets have been constructed and are under use. At least 7 Eco-san units per ST/RGC are constructed and distributed among the community for demonstration purposes. These have greatly improved on excreta disposal methods that are manageable and affordable and the manure from these toilets has helped enrich soil fertility especially for the farmers.

Furthermore, technical capacity has been built through training of masons on construction of ecological sanitation toilets. Currently, over 60 masons have been trained on ecological sanitation toilet basics with emphasis on design, construction and operation and maintenance. The trained masons are now a resource in their communities. They assist in the construction of house hold demonstration Ecosan toilets and act as technical contact persons regarding Ecosan technology.

Construction of the faecal sludge treatment plant in Kamuli is also underway. This will aid household and institutions around Kamuli cluster managed sludge in a bid to further ensure improved sanitation.

#### Environmental protection

To enhance environmental and catchment protection, the WSDF-E has planted water friendly tree species in water source areas and the general water catchment area, such as Calliandra, Miopsis, and Prunus africanus among others, which use less water from the ground and enhance rainfall. This is in turn expected to increase the quantity and quality of water within the water source areas to sustainably serve the system and balance the hydrological cycle.

WSDF-E has further ensured fencing off, of the water source areas to prevent pollution and contamination of water sources and ensured continued environment related awareness creation to control human activities that destroy the environment like bush burning and soil erosion among others, thereby contributing to combating the effects of climate change.

WSDF-E conducts Environmental Impact Assessments (EIAs) studies in line with agreed guidelines as part of the project implementation cycle and related recommendations are incorporated in the construction works and other development projects to assess possible environmental and social consequences.



Reservoir tank under construction in Kapelebyong RGC

#### Capacity Building

WSDF-E has invested in building and enhancing capacity in various fields including; enhancing capacity of District Local Government staff through trainings in technical and community mobilization areas, enhancing the capacity of beneficiary communities through sensitization, mobilization and self-management in Operation and Maintenance of the constructed schemes including empowering women to take up management positions on water management Boards, training masons in construction of Ecosan toilets and empowering private sector in scheme running through hiring private operators and scheme operators.

Result-based Monitoring System and Integrated Sanitation and Hygiene

With technical support from ADA, a result-based monitoring system was developed and is being used to ensure consistency of indicators and in reporting. In addition, a comprehensive Integrated Sanitation and Hygiene (ISH) Strategy was formulated to guide WSDFs in the implementation of sanitation and hygiene interventions. These were integrated in the implementation manual and are being used.

#### Planned activities

During the current financial year, the WSDF-E plans to complete construction of water supply systems of Nakapiripirit, Ocapa, and Kyere, and proceed with construction of water supply and sanitation systems of Iziru, Busedde-Bugoba, Kapelebyong, Buyende, Bulegeni, Kasambira Tank, and Namagera and in the subsequent Financial Year start construction of Namwiwa, Idudi phase I, Bulopa, and Acowa.

A total of 24 engineering designs for STs/RGCs under WSDF-E have been completed and are ready for implementation. Mobilisation and scheme designing is still on-going for five (5) STs/RGCs in selected areas.



Borehole site in Kyere RGC



Office block in Irundu RGC



Office block in Kagoma RGC



Public toilet in Luuka TC