



REPUBLIC OF UGANDA

# MINISTRY OF WATER AND ENVIRONMENT

In financial co-operation with the African Development Bank

## WATER AND SANITATION DEVELOPMENT FACILITY – CENTRAL BRANCH

**“African Development Bank commits additional financing for water and sanitation infrastructure in WSDF- Central region until 2020”**



**His Excellency President Y.K. Museveni, handing over a bucket of water to Woman MP, Hon. Florence Kintu in Kyamulibwa (18th March 2015)**

### Background

The Water and Sanitation Development Facility – Central (WSDF-C) is one of the components funded under the Water Supply and Sanitation Programme (WSSP) supported by the Government of Uganda and the African Development Bank. The objective of the Water Supply and Sanitation Programme is to support the Government of Uganda's (GoU) efforts to achieve sustainable provision of safe water and hygienic sanitation, based on management responsibility and ownership by the users, to 77% of the population in rural areas and 90% of the small towns population. The WSSP is in line with the Joint Water and Environment



**Hon. Minister of Water and Environment – Prof. Ephraim Kamuntu and the Permanent Secretary – David Obong lay a pipe to mark the start of construction for Bweyale Town Water Supply System (31st May 2013)**

Sector Support Programme (JWESSP) established in 2007 by the GoU and the Development Partners (DPs). The WSSP supports three (out of seven) components of the JWESSP, i.e., WSDF-C, Rural Water Supply and Sector Programme Support.

The Water and Sanitation Development Facility framework is a service delivery and funding mechanism aimed at development of water supply and sanitation infrastructure in Rural Growth Centres (RGCs) and Small Towns (STs). Rural growth centres are towns with populations of 500 to 5,000 people; while small towns are those with populations ranging from 5,000 to 15,000 people. The Ministry of Water and Environment has established four WSDF regional branches in the country including WSDF-South Western (based in Mbarara), WSDF-North (based in Lira), WSDF-East (based in Mbale) and WSDF-Central (based in Wakiso).

### WSDF-C Area of Operation

The Water and Sanitation Development Facility – Central serves a total of 25 districts in central and mid-western Uganda, namely; Hoima, Buliisa, Masindi, Nakasongola,



**Institutional VIP at School (Nkoni)**

Nakaseke, Kiboga, Kibaale, Luwero, Mityana, Masaka, Mpigi, Mubende, Mukono, Buikwe, Kayunga, Kalangala, Wakiso, Buvuma, Gomba, Kiryandongo, Kyankwanzi, Butambala, Bukomansimbi, Kalungu and Lwengo.

### Objective of WSDF-C

The overall objective of the WSDF- Central is to support the development of water supply and sanitation in Small Towns (STs) and Rural Growth Centres (RGCs) through a decentralized and demand driven financing mechanism in central and mid-western districts.

### Funding

Financing for investments for water supply and sanitation in STs and RGCs is secured from Government of Uganda allocations and from development partner contributions through the Joint Water and Environment Sector Support Programme. In the last four years (2012/13 to 2015/16), funding for WSDF-C investments was provided through a loan financing from the African Development Bank contribution to the JWESSP to the tune of UA 20 million.

To-date, 17 water supply systems have been completed, while 4 are under construction. Recently, the GoU approved a loan financing from the African Development Bank for WSSP II part of which will finance 25 new water supply systems in the WSDF-C area of operation. This new loan will commence in FY 2016/17 and will run for a four year period.

### Key Achievements of WSDF-Central (2010-2016):

1. Nakaseke Water Supply and Sanitation System (Nakaseke District): The system was completed in 2012 with 200 connections and 4 PSPs. By 2015, additional 165 connections had been made. Also, 9 demonstration Ecosan household toilets, 2 public sanitation facilities (ecological) were constructed. The system was handed over to National Water and Sewerage Corporation for management in 2015 and has since been extended to serve new areas.
2. Kako Water Supply System (Masaka District): was implemented jointly with National Water and Sewerage Corporation (NWSC) in 2013 to serve a total population of 7,478 people with 110 promotional household connections, six (6) Public Stand Posts and one (1) ecosan toilet were constructed. Management was handed over to NWSC. To-date, NWSC has intensified the connections to all who applied.
3. Kasanje Water Supply and Sanitation System (Wakiso District): completed in July 2013, the system is based on ground water sources and a 100m<sup>3</sup> reservoir tank. The population served is 7,431 people. Initial promotional connections were 200 and 5 PSPs. In an effort to promote sanitation and hygiene, 10 household demonstration Ecosan toilets and one public water-borne toilet for the market were built.
4. Wakiso Town Water Supply System (Wakiso District): major technical improvements were undertaken to restore reliable water supply for the town council of Wakiso. These improvements involved addition of a new pump station which doubled production of water supply from 12 m<sup>3</sup> to 20.5 m<sup>3</sup>. The system was completed in 2013 and serves a total of 36,500 people.
5. Kakiri Town Water Supply System (Wakiso District): – works included rehabilitation of reservoir tank, transmission mains (7Km), distribution mains (3.5 Km) and a pump station. Rehabilitation works were completed in 2013. The system benefits a total of 38,000 people.
6. Zirowe Town Water Supply and Sanitation System (Luwero District): was designed based on pumping underground water from 3 production boreholes and designed to serve 18,043 people. The promotional connections constructed were 375. The system is

supported by six (6) PSPs and ten (10) ecosan toilets, 3 VIP institutional toilets and 1 waterborne toilet. The system was handed over to NWSC in February 2015, who have since increased on the supply area to serve many people in the town council.

7. Bweyale Town Water Supply and Sanitation System (Kiryandongo District): completed and handed over in 2014, the system is based on ground water and was designed to serve 28,693 people. WSDF-Central provided 250 household promotional connections and 10 PSPs. The town also received 10 household demonstration Ecosan toilets, 4 VIP and 2 public water-borne toilets. The system was handed over to NWSC in 2014.
8. Ntvetwe Town Water Supply and Sanitation System (Kyankwanzi District): was completed in 2014 and handed over to the water supply authority for operation and maintenance. The system uses underground water and was designed to serve 11,806 people. The system provided 250 promotional connections, 8 Public Stand Posts and 10 household demonstration Ecosan toilets, and 2 VIP latrines.
9. Najjembe Town Water Supply and Sanitation System (Buikwe District): completed in 2014, was constructed based on underground water from 2 production boreholes. The system targeted a population of 10,300 people. In addition, the town benefited from 6 Public Stand Posts, 10 demonstration household Ecosan toilets and 2 Institutional VIPs.
10. Nkoni Town Water Supply and Sanitation System (Lwengo District): the system was completed in July 2014 and is based on ground water as the main source of water. The system was designed to serve a population of 8,450. 200 households benefited from initial promotional connections and 4 Public Stand Posts. To promote sanitation and hygiene, 10 household demonstration Ecosan toilets and 2 Institutional VIPs were constructed in the town.
11. Kinogazi Town Water Supply and Sanitation System (Hoima District): was completed in November 2014 and designed to serve 10,000 people. In addition the project provided 100 household promotional connections and 6 Public Stand Posts. The town also received 5 household demonstration Ecosan toilets and one lined VIP latrine at the market place.
12. Kiganda Town Water Supply and Sanitation System (Mubende District): was completed in February 2015 and handed over to NWSC for day to day management. The system was designed to serve 10,514 people. The project also provided 250 household promotional connections to communities, 10 Public Stand Posts and 3 institutional VIP latrines.
13. Bukomansimbi Town Water Supply System (Bukomansimbi District): works included rehabilitation of reservoir tank, transmission mains (5000m), distribution mains (9.7 Km) and a pump station and 2 Public Stand Posts to serve a targeted population of 30,000 people. Also, a water office was constructed within the town to ease management of the system.
14. Kyamulibwa Town Water Supply and Sanitation System (Kalungu District): the system was designed based on ground water to serve 16,314 people. 300 promotional household connections and 4 PSPs were constructed, while for sanitation improvement 10 ecosan toilets, 2 institutional VIP latrines and 1 waterborne toilet were completed.
15. Kakumiro Town Water Supply and Sanitation System



**Usage of gabion boxes to minimise disruption of swamp water flow along transmission mains for Kakumiro Town Water Supply.**



**Pipe laying for water supply construction project (Kyamulibwa)**

(Kibaale District): the system is based on ground water with adequate yields to serve the design population of 15,000 people. 250 promotional household connections and 10 public stand posts were constructed and are evenly located in the entire water supply area including the source community. For sanitation, 10 Ecosan toilets and 2 VIP latrines were constructed. The system was completed in 2015.

16. Kabango-Budongo Town Water Supply and Sanitation System (Masindi District): improvement works included construction of an additional production borehole and increasing storage capacity through a new 120m<sup>3</sup> concrete reservoir tank, rehabilitation of the old water tank, old pipeline and 10 old kiosks and a new office block. 200 promotional household connections and 6 Public stand Posts were added to expand the supply coverage. The improvement works were completed in 2015, and there is capacity to serve 15,217 people.
17. Buliisa Town Water Supply and Sanitation System (Buliisa District): Improvement works included construction of one production borehole of 18m<sup>3</sup>/hr, reconstruction of the old 65m<sup>3</sup> steel elevated water tank

and 6 Public Stand Posts. The system was improved to benefit 15,217 people.

18. On-going construction projects: in the current FY 2015/16, construction of water supply and sanitation systems commenced in the towns below:

Sr. no.	District	Town	Contractor	Contract Sum (UGX)
1.	Kayunga	Kayunga	Strakom Ltd	2,098,759,000
2.	Kiboga	Kiboga	Block Technical Services	6,360,366,783
3.	Masaka	Ssunga	Gets Technical Services	2,512,843,907
4.	Nakasongola	Kakooge and Katuugo	Vidas Engineering Ltd.	5,016,125,599
<b>Projects under procurement</b>				
6.	Buvuma	Buvuma		
7.	Kibaale	Nyamarunda		
8.	Nakasongola	Migeera		

19. The Central Umbrella of Water and Sanitation was set up in 2012 to support small town water supply systems (in the WSDF-C region) to address operation and maintenance (O&M) challenges through economies of scale gained by association. All completed town water supply systems are encouraged to subscribe. The umbrella organizations to date support over 205 member schemes, with a total of over 25,000 connections, to provide sustainable water supply service through management oversight support and technical backstopping.

### Towns under WSSP II (2016/17 – 2019/2020)

The WSSP II is a continuation of the programmatic support the African Development Bank has provided to the WSSP I (whose achievements are highlighted above). Financing of UA 30.403 (approximately UGX 146 billion) has been earmarked for WSDF-Central up to the year 2020.

The programme is targeting 25 town water supply systems, which are part of the first call for applications held in 2010. The planned towns include Kagadi, Bugoigo, Walukuba, Gombe, Kyabadaaza, Zigoti, Sekanyonyi, Busiika, Bamunaniika, Kakunyu, Kiyindi, Kiwoko, Butalanga, Namulonge, Kiwenda, Kabwoya, Kabembe, Kalagi, Nagalame, Butemba, Nalukonge, Butenga, Kikandwa and Kasambya.

Other key activities include Siting and drilling of 100 No production wells in project areas, Procurement of 2 mobile water testing vehicles, Construction on of 2 regional faecal sludge treatment facilities in Kiryandongo and Kiboga towns and procurement of 2 cesspool emptiers and 4 vacu-tags.



**Bweyale Pump House**



**Water tank in Kakumiro Town**