



The Republic of Uganda

**MINISTRY OF WATER AND ENVIRONMENT**

**DIRECTORATE OF WATER DEVELOPMENT**

**URBAN WATER AND SEWERAGE SERVICES**

**WATER AND SANITATION DEVELOPMENT FACILITY - EAST**

**PROFILE**

# WATER AND SANITATION DEVELOPMENT FACILITY - EAST

## 1 INTRODUCTION

### 1.1 Background

The Water and Sanitation Development Facility (WSDF) approach is a mechanism for funding water and sanitation investments in Small Towns, Town Boards and Rural Growth Centres; the WSDF branches carry out design and construction of water supply and sanitation facilities, including the related software activities. The WSDF is funded under the Joint Partnership Fund (JPF): a basket fund under the Joint Water and Environment Sector Support Programme, which receives funding from various sources and Development Partners, for the purpose of implementing Water & Sanitation interventions in the country.

The WSDF-E has concluded implementing "*Support to the Water Supply and Sanitation Development in Small Towns and Rural Growth Centres under the EU MDG-Initiative*" and "*Support to the Water and Sanitation Development Facilities North and East*" with support from European Union (EU) managed by Austrian Development Agency (ADA), German Government through KfW and Government of Uganda (GoU) respectively. The EU support amounted to Euro 8.2million and the project implementation period was four years (FY2012/13 to FY2016/17 extended to December 2017). The first phase of the KfW support amounting to Euro 8.5million ended at the end of FY 2015/16 and the second 3-year phase in which WSDF-E was supported to a tune of Euro 4million ended at the end of FY 2017/18. The Government of Uganda has been contributing at least 10% of the total funding from the Development Partners. All the received funds have been utilised on planned outputs except for the remaining €1.5m not yet disbursed by EU-ADA.

The branch covers forty four (44) Districts in Eastern and North-eastern Uganda namely:- Amuria, Kotido, Kaabong, Abim, Moroto, Katakwi, Soroti, Kaberamaido, Kumi, Bukedea, Bukwo, Kapchorwa, Nakapiripirit, Sironko, Manafwa, Bududa, Mbale, Tororo, Busia, Butaleja, Pallisa, Budaka, Namutumba, Bugiri, Kaliro, Iganga, Mayuge, Kamuli, Jinja, Buyende, Namayingo, Amudat, Serere, Luuka, Bulambuli, Napak, Ngora, Kibuku, Kween, Butebo, Namisindwa, Nabilatuk, Bugweri and Kapelebyong.

### 1.2 Overall objective

The overall objective of WSDFs is to improve the socio-economic situation and the opportunities for people living in the Small Towns (STs) and Rural Growth Centers (RGCs) through provision of safe, adequate, reliable, sustainable and accessible water supply and promotion of improved practices of hygiene and sanitation.

### 1.3 Progress on the Implementation Themes

Water and Sanitation Development Facility-East Operates mainly under two thematic areas of;

**Theme 1:** "*Increase water supply service coverage for small towns and rural growth centres in a pro-poor sensitive manner*" and

**Theme 4:** "*Improved Urban Sanitation and Hygiene Services*", as provided for in the JPF 5 year strategic planning framework 2014-2018 of Ministry of Water and Environment.

## 2 PROJECT IMPLEMENTATION

### Overall Progress on achievement of physical outputs since 2009

- A population of **571,368** (Design) has been served in **34 RGCs/STs** that have been implemented to completion since 2009. These include the RGCs/STs of Amuria(5,844), Tirinyi(13,018), Kibuuku(10,434), Abim(22,264), Kaabong(17,422), Karenga(18,007), Katakwi(22,975), Bukedea(19,066), Kasilo/Kamod(6,367), Kapchorwa(25,450), Busiu(15,733), Namutumba(23,836), Mbulamuti(11,926), Kachumbala(25,569), Ocherro(7,257), Irundu(15,682), Matany(10,716), Namalu(12,486), Suam(8,131), Buwuni(18,170), Kaliro(17,041), Luuka(20,748), Bukwo(19,530), Kagoma(23,299), Kasambira(14,608), Kapelebyong(5,991), Nakapiripirit(13,104), Kyere(36,926), Ocapa(28,428), Iziru(22,838), Busede-Bugobya(14,400), Buyende(26,047), Bubwaya(6,355), Namagera(10,282)
- **4 RGCs/STs** have ongoing Construction works. They include; Namwiwa(50%), Bulegeni(66%), Bulopa(5%) and Binyiny(2%)
- **1 RGC/ST** has on-going Rehabilitation works in Namwendwa(85%)
- **1 Faecal sludge treatment plant** has ongoing Construction works in Kamuli(95%)
- **20 RGCs/STs** of Tubur, Acowa, Idudi, Kidetok, Buyaga, Bulambuli, Namungalwe, Ikumbya, Bugobi, Kaliro, Moroto, Kotido, Bugadde, Bwondha, Kibale, Lumino, Kadungulu, Kibaale, Iki-iki, Bulangira have Completed designs and are ready for procurement and construction (requiring UGX 110Bn).
- **146 Household** Ecological Sanitation toilets have been constructed to completion in Bugadde(5), Namagera(5), Buwuni(7), Irundu(7), Mbulambuti(6), Bukedea(5), Bukwo(6), Bulegeni(6), Suam(6), Kapelebyong(6), Nakapiripirit(8), Luuka(5), Namalu(5), Abim(5), Kaabong(5), Karenga(5), Ocherro(5), Namutumba(1) and Kagoma(12), Ocapa(6), Kyere(6), Kachumbala(6), Iziru(12), Buyende(6)
- **20 Public** Sanitation toilets (Water borne toilets) have been constructed to completion in Tirinyi, Kibuku, Nagongera, Bukedea, Irundu, Kapchorwa, Namutumba, Buwuni, Kagoma, Namagera, Iziru, Suam, Ocherro, Bukwo, Buyende, Luuka, Nakapiripirit, Kapelebyong, Ocapa, and Kyere
- **12 Institutional** Sanitation toilets (urine diversion dry toilets and lined pit latrines) have been constructed to completion in Kibuku, Irundu, Kaabong, Abim, Bukedea, and Nakapiripirit.



Commissioning of Buyende Water Supply system by the president H.E Yoweri Kaguta Museveni



Monitoring existing schemes



A reservoir tank for Kyere Ochaapa in Serere



WSDF-E hands over of piped water system to kUws to ensure sustainable operation and maintenance

Table Showing Status of Project Implementation in WSDF-E Sub Regions

SUB REGION IN PROJECT AREA: KARAMOJA					
NO OF DISTRICTS	DISTRICTS IN PROJECT AREA	STs/RGCs WITH COMPLETED CONSTRUCTION SINCE 2010	STs/RGCs UNDER CONSTRUCTION TO DATE	STs/RGCs WITH COMPLETED DESIGNS	ADDITIONAL STs/RGCs REQUIRING WSS SERVICES
8	Amudat, Nakapiripirit, Moroto, Kotido, Napak, Kaabong, Abim, Nabilatuk	06 Abim, Kaabong, Karenga, Namalu, Matany, Nakapiripirit		Kotido, Moroto	60 Abim TC, Orwamuge RGC, Alerek (Otumpili), Aloyoroit Rogom, Oreta, Aremo, Atunga, Kanu, Awach-Oporoth, Loroo, Karita, Amudat TC, Komaret GFS, Achorichor, Cheptapoyo, Loborokocha, Katabok, Lokales, Alakas, Kaabong TC, Kapedo, Kapalata, Kathile, Lochom, Lolelia, Kawalakol, Kotido TC, Kanawat RGC, Rengen RGC, Panyangara RGC, Lokitalaebu RGC, Nakapelimoru RGC, Losilang, Kokoria, Loposa (Napumpum), Moroto Municipality, Kakingol GFS, Nadiket GFS, Nadunget, Kangole RGC, Mantany RGC, Iriki-Kodet GFS, Michoko, Kodike, Lorengecora TC, Lokitidet RGC, Lokopo RGC, Lotome RGC, Karinga GFS, Nabilatuk RGC, Moruita RGC, Tokora RGC, Lorengeduart RGC, Lokplum RGC, Loregae RGC, Lorigai, Kaiku, Lolachat, Lemusi
SUB REGION IN PROJECT AREA: TESO					
NO OF DISTRICTS	DISTRICTS IN PROJECT AREA	STs/RGCs WITH COMPLETED CONSTRUCTION SINCE 2010	STs/RGCs UNDER CONSTRUCTION TO DATE	STs/RGCs WITH COMPLETED DESIGNS	ADDITIONAL STs/RGCs REQUIRING WSS SERVICES
9	Amuria, Kaberamaido, Katakwi, Ngora, Kumi, Soroti, Bukedea, Serere, Kapelebyong	09 Amuria, Katakwi, Kasilo-Kamod, Bukedea, Kachumbala, Ochero, Kyere, Ocapa, Kapelebyong		Kidetok, Tubur, Acowa, Kadungulu,	81 Kaberamaido TC, Anyara, Alwa, Kobulubulu, Bululu, Serere TC, Kasilo TC, Kidetok TC, Pingire, Kadungulu, Atiira, Mugarama, Mulondo, Ngora TC, Kapir, Akisim,

					Mukura, Kobwin, Omaditok, Kumi Minicipality, Mukongoro, Ongino, Tisai island, Nyero, Atutur, Kanyum, Kamacha, Akadoto, Soroti Municipality, Tubur, Acuna, Awalwal, Awokot-Kololo, Obule, Omodoi, Asuret- Atamaisi, Agora, Lale, Kamuda, Adamasko, Tukum, Bukedea TC, Kidongole, Aloet, Akuoro, Kolir, Chebukube, Kamutur, Kabarwa, Malera, Katekwan, Amus, Kachabala, Aligoi, Amuria TC, Wera, Asumuk, Acowa, Ogolai, Akore-Acowa, Amotom, Amaseniko, Alito, Amolo, Morungatunyo, Oditel, Abarirela, Kapelebyong, Obalanga, Orungo, Katakwi TC, Kapujan, Abwenget, Olilim, Okuda, Usuk-Koritok, Aakum, Abela-Okoboi, Odoot, Toroma, Magoro
--	--	--	--	--	--

**SUB REGION IN PROJECT AREA:**  
BUSOGA

NO OF DISTRICTS	DISTRICTS IN PROJECT AREA	STs/RGCs WITH COMPLETED CONSTRUCTION SINCE 2010	STs/RGCs UNDER CONSTRUCTION TO DATE	STs/RGCs WITH COMPLETED DESIGNS	ADDITIONAL STs/RGCs REQUIRING WSS SERVICES
10	Kaliro, Iganga, Mayuge, Kamuli, Jinja, Buyende, Namayingo, Luuka, Namutumba, Bugiri, Bugweri	10 Kaliro, Mbulamuti, Irundu, Luuka, Kagoma, Kasambira, iziru, Busedde-Bugobya, Buyende, Namagera	Namwiwa(50%), Bulopa(5%)	Idudi, Namungalwe, Kibaale, Bugadde, Ikumbya, Bugobi, Kaliro, Bwondha	126 Namutumba TC, Bugobi, Kibaale, Buwaga, Bulange, Bubutyua, Kizuba, Nawansagwa, Kigarama, Nawampando, Jaluko, Magada, Mazuba, Nsinze, Nabweyo, Ivukula, Mpande, Nangonde, Kaliro TC, Bulumba, Namwiwa, Buyinda, Nailika, Kyamba, Kyafuba, Nawampita Landing site, Nansololo, Namukooge, Buvulunguti, Nawaikoke, Bupyana, Buyuge, Kisinda, Kasokwe, Bwayuya, Lukolo, Kibibi, Kaiira, Buwolero,

					Bubugo, Nawampanda, Budima-Bituli, Lumuli, Naisembe, Kamuli TC, Namwendwa, Bulopa, Kasambira, Kyeya, Ndalike, Nawansaso, Naminage, Namaira, Butabaala, Kisozi, Nankandulo, Kasolwe, Balawoli, Nabirumba, Nakulyaku, Naluwoli, Bugeywa, Nawanyago, Bupadhengo, Luzinga, Namasagali, Namayingo TC, Singira landing site, Gorofa-Kandege, Mutumba, Busiro landing site, Lugala, Dohwe- Buhemba, Buswale, Kifuyo, Namungalwe, Idudi, Nambale, Nabitende, Nawandala, Nakigo, Ibulanku, Nondwe, Kiwanyi, Bugiri TC, Walugoma, Busoga TB, Nabukalu, Mayuge TB, Kitoda-Bumbobukta, Muwayo, Namayemba, Busowa, Nankoma, Muterere, Buyende TC, Kidera, Bukungo landing site, Iyingo landing site, Igwaya, Kiwaba, Iringo, Bugaya, Gwafe, Bumanha, Busalamu, Bukoova, Naigobya, Ikumbya, Kyanvuma, Nawampiti, Busiuro, Mayuge TC, Mbaale, Nkombe, Lwanika, Nakalanga, Misoli, Bwondha, Bumwena, Bugadde, Kityerera, Busakira, Kaluba, Mpungwe, Maina, Bugoto, Kigandalo
--	--	--	--	--	---

**SUB REGION IN PROJECT AREA:**

SEBEI

NO OF DISTRICTS	DISTRICTS IN PROJECT AREA	STs/RGCs WITH COMPLETED CONSTRUCTION SINCE 2010	STs/RGCs UNDER CONSTRUCTION TO DATE	STs/RGCs WITH COMPLETED DESIGNS	ADDITIONAL STs/RGCs REQUIRING WSS SERVICES
3	Kween, Bukwo, Kapchorwa	03 Kapchorwa, Suam, Bukwo	Binyiny(2%)		<b>39</b> Kwasir, Kapkoch, Benet, Moyok, Kwanyiny, Kworus, Binyinyi TC, Chepsukunya, Kapmunarukut TB, Kaproron, Kiriki, Cheminy, Bugema, Chemomul, Serere, Cheptandan,

					Chepkwasta, Amanang, Kaptolomomgom, Kaptali, Nyalit, Kapnandi, Aralam, Kamet, Kapkomolon, Kabei, Kakware, Kapchorwa Muni, Tariat (High Altitude), Chema, Kitobo center, Amukuru center, Sipi TB (Kapkwirok), Cheptuya, Kobil, Chebonet center, Mbuni center, Kasarem center, Ngagata
--	--	--	--	--	--

**SUB REGION IN PROJECT AREA:**

BUKEDI

NO OF DISTRICTS	DISTRICTS IN PROJECT AREA	STs/RGCs WITH COMPLETED CONSTRUCTION SINCE 2010	STs/RGCs UNDER CONSTRUCTION TO DATE	STs/RGCs WITH COMPLETED DESIGNS	ADDITIONAL STs/RGCs REQUIRING WSS SERVICES
7	Tororo, Busia, Butaleja, Pallisa, Budaka, Kibuku, Butebo	04 Tirinyi, Kibuuku, Namutumba, Buwuni		Ikiiki, Kibale, Lumino, Bulangira	78 Busolwe TC, Butaleja TC, Nabiganda, Nampologoma, Busaba, Bubaale, Buwesa, Amurwo Triangle, Melikiti, Kirewa center, Senda, Matindi, Katandi, Wikusi, Kamuli-Ojowendo, Pasindi, Pobwok, Iyolwa, Nambogo, Parima, Pawakera, Mairo One, Wewulera, Muwafu, Nabuyoga, Pajero, Magodesi, Busia Municipality, Masafu, Butangasi, Mailosaba, Dabani, Lumino, Majanji, Nambweko, Hukemo, Ndaiga, Busitema center, Amungura, Namungodi, Tiira, Mumutumba, Mugasia, Muyembetayari, Buwembe, Harambe, Bunyandeti, Budaka TC, Kamonkoli, Iki-Iki, Kachomo, Kaderuna, Lyama, Naboa, Palisa TC, Kabwangasi, Kakoro, Butebo-Kanyum, Kanginima, Kibale, Kasodo, Petete, Kaboloi, Daraja, Kapala, Agule, Kameke, Kamuge, Kibuku TC, Tirinyi, Bulangira, Lyama, Buseta, Kabweri, Kadama, Kagumu, Nangaiza, Kasasira



**SUB REGION IN PROJECT AREA:**

BUGISU

NO OF DISTRICTS	DISTRICTS IN PROJECT AREA	STs/RGCs WITH COMPLETED CONSTRUCTION SINCE 2010	STs/RGCs UNDER CONSTRUCTION TO DATE	STs/RGCs WITH COMPLETED DESIGNS	ADDITIONAL STs/RGCs REQUIRING SERVICES WSS
6	Sironko, Manafwa, Bududa, Mbale, Namisindwa, Bulambuli	02 Busiu, Bubwaya	Bulegeni(66%)	Buyaga, Bulambuli TC,	51 Mbale Municipality, Nakaloke TC, Nabumali TC, Jewa, Bubirabi, Namagumba, Nauyo-Bugema, Sekerere, Busano, Namabasa, Bunapongo, Manafwa TC, Magali TB, Buwangani TC, Buhaweke TB, Bugobero TB, Masaaka, Mutufu TB, Buteza, Pato, Nampanga-Mafudu, Gombe, Bweri, Bugusege, Bukiiti, Mpogo-Soola,, Bulambuli TC, Buyaga TB, Kikobero, Zema, Buginyanya Line, Nametsi, Buwakata, Sipi Atari, Dabagonyi, Bududa TC, Bunamubi, Lukhonje, Shikholo, Shanzou, Bumwalye, Nangako TB, Malandu, Kuushu, Busanza, Matenje, Bukari, Namaistu, Maaba
<b>TOTAL</b>	<b>4</b>	<b>34</b>	<b>4</b>	<b>20</b>	<b>435</b>

### 3 OVERALL FINANCIAL PROGRESS

#### *Financial gap*

Description		Contract price (UGX)	Amount Paid (UGX)	Balance (UGX)
Works contracts	Contracts running	11,645,488,317	3,059,183,829	8,586,304,488
	Contracts for Proc.	12,870,723,430		12,870,723,430
Consultancy/Supplies Contracts	Contracts Procured	3,296,904,756		3,296,904,756
<b>Total</b>		<b>27,813,116,503</b>	<b>3,059,183,829</b>	<b>24,753,932,674</b>

#### *Funding Gap for all STs/RGCs in Eastern and North Eastern Region under WSDF-E*

Description	STs/RGCs Gap	Population (Design)	Cost (UGX)	Cost (USD)	Cost (Euros)
Water Supply	435	4,300,391	1,117,325,009,000	319,235,717	279,331,252
Fecal Sludge Mgt plants	22	2,310,186	35,600,000,000	10,171,429	8,900,000
<b>Total</b>			<b>1,152,925,009,000</b>	<b>329,407,146</b>	<b>288,231,252</b>

### 4 PLANNED DESIGNS

- **5 STs/RGCs** of Ngenge/Chepskunya, Kyando, Dolwe Island, Kanapa and Manafwa TC are under design
- **6 Designs** for regional piped water supply systems for Serere area, Namayingo area, Soroti-Amuria-Orungo corner, Namutumba-Ivukula-Busembatya, Mayuge area and Iganga-Idudi-Bugiri to commence

#### *Current Status of Funding In WSDFs*

WSDF	REGION	NO. OF DISTRICTS	DONOR/FUNDS	GoU FUNDS FY2018-19	STATUS
WSDF-E	Eastern	44	0	8.2Bn	No Donor funding
WSDF-SW	South Western	28	0	7.1Bn	No Donor funding
WSDF-N	Northern	26	€4.9m-EU/ADA €8m-KfW	8.9Bn	Donor funding till FY2020/21
WSDF-C	Central	27	UA30m-AfDB	15.5Bn	Donor funding till 2019/20

**NB:** WSDFs are the face of the MWE with an average output of at least 20 towns with piped water and sanitation services annually. With reduced funding, this will not be possible.

As a funding mechanism of the MWE, WSDFs have demonstrated high levels of efficiency and effectiveness with significant impact in project delivery. This is done with high level of stakeholder involvement, participatory approaches, reduced project management costs, timely delivery of projects due to proximity to project areas and the in-house capacity built over time.

**Each WSDF had an average budget of UGX 25Bn annually with 90% from Donor funding. With the ending of the projects funded by Donors, GoU has to scale up support to WSDFs to maintain the levels of implementation in the specific regions of operation.**

## **5 CROSS-CUTTING ISSUES**

- Gender involvement, HIV/AIDS awareness creation, Pro-poor interventions, Environmental conservation, Good governance, high level of community participation, poverty reduction

## **6 CHALLENGES**

- Besides insufficient GoU funds, there is no donor funding
- Areas with poor water resources increase the investment cost (need for regional schemes)
- Overwhelming demand from unserved communities for improved water supply and sanitation services

## **7 OPPORTUNITIES**

- WSDF-E has 20 completed designs that require funding as the communities are eagerly waiting for water supply and sanitation services. WSDF-E is also designing 6 regional schemes.
- A total of 435 STs/RGCs with either no water supply system or with schemes that need renewal and expansion have been identified in the region (to cost about 300 mil Euros)