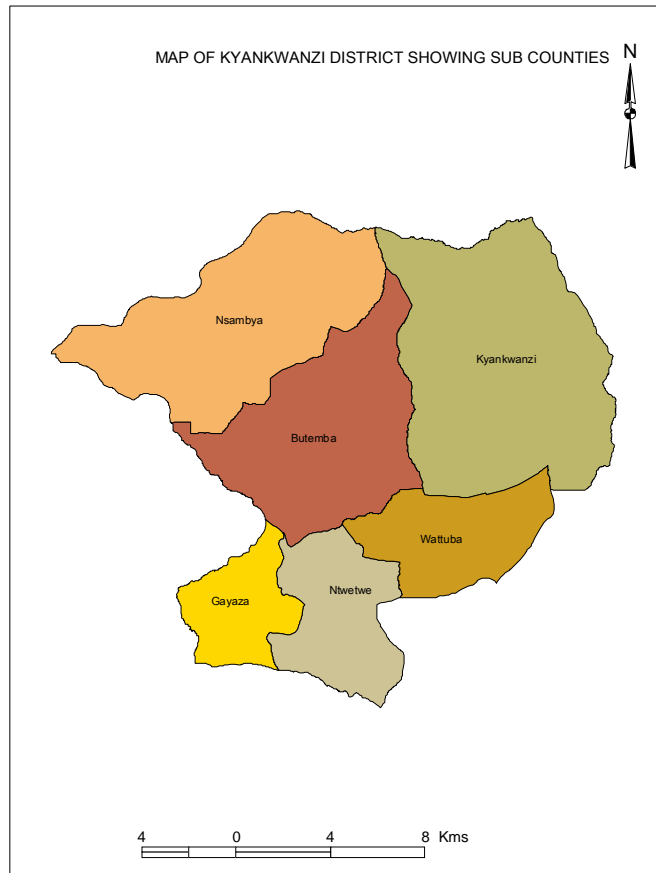




Rural Communications Development Fund (RCDF) RCDF PROJECTS IN KYANKWANZI DISTRICT, UGANDA



UCC Support through the RCDF Programme

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Abbreviations/Acronyms

UCC	Uganda Communications Commission
RCDF	Rural Communications Development Fund
USF	Universal Service Fund
MCT	Multipurpose Community Tele-centre
PPDA	Public Procurement and Disposal Act of 2003
POP	Internet Points of Presence
ICT	Information and Communications Technology
UA	Universal Access
MoES	Ministry of Education and Sports
MoH	Ministry of Health
DHO	District Health Officer
CAO	Chief Administrative Officer
RDC	Resident District Commissioner

1. Foreword

ICTs are a key factor for socio-economic development. It is therefore vital that ICTs are made accessible to all people so as to make those people have an opportunity to contribute and benefit from the socio-economic development that ICTs create.

RCDF is a mechanism that UCC employs to leverage communications access to the hard-to-reach areas such as the rural areas which remain after operators and service providers have selected their preferred areas of operation. RCDF then causes the delivery in those areas, of

communications services that are similar to those ordinarily delivered by operators and service providers.

To deliver communications services into rural underserved areas of Uganda, RCDF uses districts as the building blocks for a more equitable delivery. In order to enhance the sustainability of delivery of ICTs in underserved areas, RCDF forms strategic partnerships with the public and the private sector in districts. Delivery of ICT services through the RCDF programme involves several stakeholders that among others include the district local administration, area MPs, the RDCs, local government officials such as CAOs, ICT project implementers, and most importantly, the users.

Through the RCDF programme, ICT opportunities are made available to all the stakeholders in their respective settings. All stakeholders therefore ought to seize the opportunity by embracing and integrating the ICTs made available into their development programmes and activities. That way, the country and more specifically the rural underserved areas will achieve meaningful socio-economic development.

Dr. Dorothy Okello
Chairperson, RCDF Board
Uganda Communications Commission

1st July, 2010

1. Background

The Uganda Communications Act of 1997 mandates UCC to establish and administers a Universal Service Fund (USF) for communications in Uganda. UCC thus establishes and administers a USF called the Rural Communications Development Fund (RCDF).

RCDF was created through its first RCDF Policy of 2001 whose actual implementation started in the year 2003. Under this Policy, the main goal of RCDF was to provide access to basic ICT to the rural and underserved communities of Uganda.

Following the realization of the goal of the RCDF Policy of 2001, and the changes in the external and internal environment of RCDF, a new policy the RCDF Policy of 2010 was adopted with its main goal being the enhancement of usage of ICT in the rural communities of Uganda.

RCDF projects are established in areas where no similar ICT facilities exist and such facilities are not expected to be established in those areas in the foreseeable future.

Districts are the main administrative blocks that the RCDF programme uses in order to ensure that the communication services provided are equitably distributed throughout the country.

2. Introduction

The RCDF program seeks to provide sustainable access to ICT services to people in rural areas. The projects are strategically located in more populated centers with relatively more commercial activity to ensure that the projects are self sustaining.

A total of 40 ICT projects have been established in the district through the RCDF programme of UCC.

In conjunction with various project stakeholders, UCC/RCDF determines a specific location for each project. The population distribution within the district as shown in Table 2 is also a key determinant of the location of a project.

Like all other projects of RCDF, the ICT projects are established as partnerships between UCC and a private or public partner. UCC provides technical support and partial funding. The ICT facilities are wholly owned by the private partner who is obliged to ensure that the facility is available for use at all times for a given period of time, of say, 5 years. By the end of this period it is expected that the facilities have developed capacity for self sustainability and other people are able to replicate them within the area in order to satisfy a bigger demand.

3. Projects Profile

In line with the RCDF policy provisions, RCDF projects in districts of Uganda have been implemented under the following program areas; Internet Points of Presence (POP), Public payphones, Research projects, Postal support projects, Multipurpose Community Tele - centers (MCT's), School ICT facilities, Health Care ICT facilities, and Call Centers.

The number of projects supported under each programme area is indicated in Table 1 shown below;

NUMBER OF PROJECTS IN KYANKWANZI - SUMMARY

STATUS	POPs	INTERNET CAFES	ICT TRAINING CENTRES	MCTs	PAY PHONES	WEB PORTALS	POSTAL PROJECTS	SCHOOLS ICT LABS	HEALTH ICT PROJECTS	GSM SITES	TOTAL PROJECTS
COMMISSIONED					57					2	59
UNDER INSTALLATION											0
TOTALS	0	0	0	0	57	0	0	0	0	2	59

Number and type of RCDF projects in Kyankwanzi district

a) Internet Points of Presence (POP)

The internet POPs provides a wireless connectivity network in a radius of about 5-10km around the POP. People within this area can access connectivity such as internet connectivity at costs, speeds and types of services that are comparable to those in the capital city Kampala. Through a competitive bidding process, the Uganda Telecom Ltd won the tender for subsidy to set up POP in the district.



A typical POP in Tororo town

The POP is designed to provide a minimum combined speed of 480Kbps. However, with the advent of new technologies on the market, the combined speed and range of services provided keeps increasing. All who wish to make use of the POP in the district need to contact Uganda Telecom Ltd. Through their own expansion programmes other operators also continue to establish their own POPs in various districts of

the country. It may therefore be good to check all operators in order to make a comparison for a better deal.

The specific location of the RCDF supported POP in the district is as shown in the Annex.

b) Internet Cafes/ICT Training Centres

This program provides public access to internet and ICT training services to people in the district.

Like all other projects of RCDF, the facilities are established as partnerships between UCC and a private or public partner.



A typical ICT training centre/Internet café in Amuria town, Amuria district

The ICT training centre/Internet café is made up of a minimum of 5 computers that are all connected to the internet. Services provided at the ICT training centre/Internet café are paid for at market competitive rates for the area. Other people in several other districts have replicated the internet cafes/ICT training centres and offer similar or better services. A user may therefore need to compare the services in all the cafes in the area for a better deal.

The specific locations of the RCDF supported ICT training centres and Internet cafe in the district are shown in the Annex

c) District Web Portal

UCC through the RCDF programme developed the district web portal and handed it over to the district local administration. The district web portal name is:

Common information provided by the district web portals include; the district overview, Health, Agriculture, Education, Government & Politics, Investment & trade, Tourism, Government Programs, Environment, SMS services, Infrastructure, News and district Contacts,. The web portal also provides a translation in to a common language found in the district.

The web portal may also be used for generation of income to the district through activities such as renting out space to advertisers. The district Chief Administrative Officer (CAO) is the official responsible for all issues regarding the management, annual fees, updating and uses of the web portal

d) Public Pay phones

The Public Pay phones take two main forms

- (i) The Standard type that is only limited to initiating calls
- (ii) A Community Information Center (CIC) which is used for both initiation and limited termination of calls.

The CIC also provides other basic services such as charging phones
A detailed list showing locations of public pay phones in the district is shown in the Annex.



A typical public pay phone in Oyarotonge village, Pader village

e) GSM Network Expansion Project

UCC through the RCDF programme provided a subsidy to operators to establish a network to places that did not have voice network coverage in the district. Through a competitive bidding process, MTN (U) Ltd was awarded the subsidy and established wireless, voice communications sites in the district in areas shown in the Annex

f) School ICT Laboratories

This is a program providing support to the Ministry of Education and Sports to increase access and usage of ICT in schools. Priority in this program has been made for government schools and training institutions. The program is comprised of 3 main projects.

- (i) A Project for establishment of ICT laboratories in schools
- (ii) A Project for providing Connectivity
- (iii) A Project for supporting Content delivery

Solar powered ICT laboratories have also been provided in areas that do not have access to the national grid electricity supply.

The program enables schools to among other things;

- Teach computer studies as a curriculum subject at O level
- Teach general purpose computer applications such as MS Office Packages aimed at providing computer literacy
- Access local learning resources such as UNEB past papers on web portals like www.uderb.org
- Access the Internet and use of e-mail services
- Use of computer based learning aides such as ENCARTA program to support the teaching and learning of conventional curriculum subjects.
- Access to other internet based e-learning resources.

The Ministry of Education and Sports has the oversight role for the school ICT laboratories and all their activities.



A typical ICT laboratory at Mukono High School, Mukono district

The specific names and locations of schools with RCDF supported ICT laboratories in the district are shown in the Annex

g) Health ICT Facilities

This program provides support to the Ministry of Health to enhance usage of ICT in Health services delivery in the country. Through the programme, ICT facilities have been installed in selected government health facilities of the district as shown in the Annex.

The program enables health facilities and health practitioners to among other things access the following health related ICT services;

- Interlink all DHO's, Government Hospitals, 50 major Health Center IV facilities, and the Ministry of Health head quarters and referral hospitals.
- Access to the Ministry of Health web portal www.health.go.ug
- e-continued medical education
- Access to online medical journals
- Access to selected e-libraries
- Support for e-consultation at the national & international level
- Support for e-Health Management Information Systems (HMIS)

Locations of the health facilities that have been supported through the RCDF programme are as shown in the Annex.

h) Postal Tele - centers & Postal Expansion Projects

UCC through the RCDF program has established support to the postal sector for the establishment of 25 postal offices at the sub county levels

and establishment of 20 postal Tele-centers in 20 districts across the country.

The specific locations of the postal facilities supported in the district are shown in the Annex

i) Multi Purpose Community Tele – Centers (MCT)

Multi Purpose Community Tele – Centers provide a wider range of services than the ICT training centre and internet cafes. The typical additional services provided include video adult training programmes and sustainable rural business model demonstrations. MCTs are typically owned by sections of the community.

The specific locations of Multi Purpose Community Tele – Centers in the district are shown in the Annex

j) Governance Enhancement Program for Local Governments

Under this program a fully installed computer is supplied to the office of

(i) Each Resident District Commissioner's Office (RDC's) across the country.

(ii) Each Member of Parliament

Through this program RDC's & MP's will have access to computer services that include;

- Access to the Internet
- Linkage with the Parent agency in Kampala (Presidents Office for RDC's & Parliament for MP's)
- e-governance systems to enhance their monitoring capacity

The RDC programme is expected to be commissioned towards the end of the year 2010 and the MP's programme is expected to be commissioned towards the end of the year 2011.

The main objective of this programme is to enhance the capacity of RDCs and MPs in overseeing and monitoring public programmes in the district such as the RCDF projects.

k) Key Stakeholders' responsibilities

The key stakeholders of UCC/RCDF are;

- Ministry of ICT,
- Primary project implementers in the case where a government Ministry is directly involved;
- Secondary project implementers who are the end user interface
- Local leadership.

The typical roles that each of the various stakeholder group plays are as shown in the table below:

MoICT	UCC/RCDF	Primary Implementer	Secondary Implementer	Local Leadership
<ul style="list-style-type: none"> • ICT Policy and associated guidelines 	<ul style="list-style-type: none"> • SET up ICT facilities • M&E • Handover 	<ul style="list-style-type: none"> • Software mgmt • Ownership, Overall control, and supervision 	<ul style="list-style-type: none"> • Secure, good rooms • Furniture • Optimal & responsible usage • Operational budget • Growth and Expansion 	<ul style="list-style-type: none"> • Oversight by; <ul style="list-style-type: none"> • MPs • Local Administrations • Communities • RDCs • + ALL

1) UCC/RCDF Contact

Rural Communications Development Fund (RCDF)

Uganda Communications Commission (UCC)

Plot 42 -44, spring road, Bugolobi

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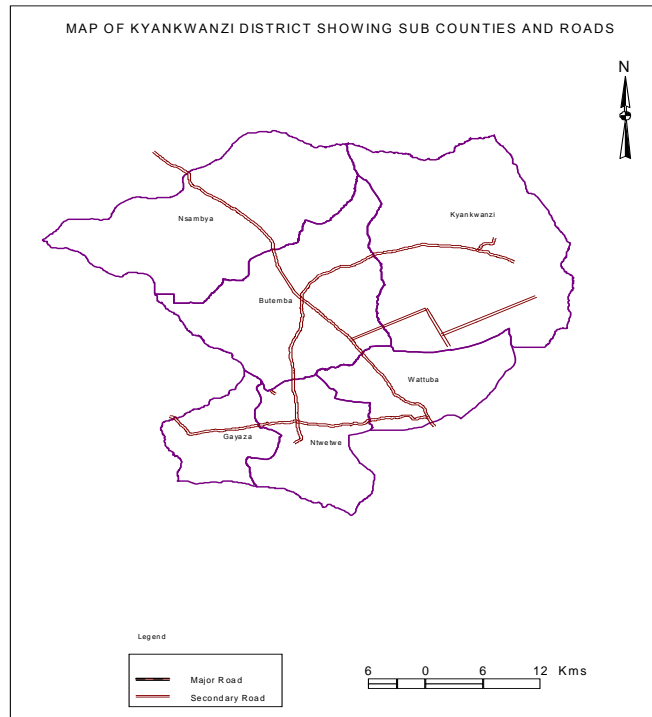
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KYANKWANZI DISTRICT POPULATION DISTRIBUTION BY SUB COUNTIES

District	2010				2011			
	Households	Population			Households	Population		
-		Male	Female	Total		Male	Female	Total
Kyankwanzi	28,978	68,800	64,900	133,700	30,206	71,900	67,400	139,300
Wattuba	4,574	10,400	10,300	20,700	4,775	10,900	10,700	21,600
Butemba	6,919	17,100	16,400	33,500	7,191	17,800	17,000	34,800
Gayaza	3,113	7,200	7,200	14,400	3,244	7,500	7,500	15,000
Nsambya	8,272	19,300	17,300	36,600	8,637	20,200	18,000	38,200
Mulagi	3,286	7,800	7,400	15,200	3,438	8,200	7,700	15,900
Kyankwanzi	2,814	7,000	6,300	13,300	2,921	7,300	6,500	13,800

RCDF PROJECTS IN KYANKWANZI DISTRICT

S/N	County	Sub County	Parish	Implementer	Contact Details	Start date	Status	Remarks
Public Pay Phones								
S/N	County	Sub County	Parish	Implementer	Contact Details	Start date	Status	Remarks
1	Kiboga West	Wattuba	Kisoroza	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
2	Kiboga West	Wattuba	Kiduumi	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
3	Kiboga West	Nsambya	Bunanywa	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
4	Kiboga West	Nsambya	Kigando	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
5	Kiboga West	Nsambya	Kiryangono	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
6	Kiboga West	Nsambya	Mujunza	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
7	Kiboga West	Nsambya	Ntunda	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
8	Kiboga West	Ntwetwe	Kitabona	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
9	Kiboga West	Mulagi	Kalagi	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
10	Kiboga West	Gayaza	Gayaza	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
11	Kiboga West	Gayaza	Kiyuni	Roam Communications Ltd	Contact ¹	Jul-07	Operational	

S/N	County	Sub County	Parish	Implementer	Contact Details	Start date	Status	Remarks
12	Kiboga West	Butemba	Bulamula	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
13	Kiboga West	Butemba	Kikooma	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
14	Kiboga West	Butemba	Lwebisiriza	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
15	Kiboga West	Butemba	Katanabirwa	Roam Communications Ltd	Contact ¹	Jul-07	Operational	
16	Kiboga West	Butemba	Bukwiri	MTN (U) Ltd	Contact ²	Dec-05	Operational	
17	Kiboga West	Butemba	Bulamula	MTN (U) Ltd	Contact ²	Dec-05	Operational	
18	Kiboga West	Butemba	Byerima	MTN (U) Ltd	Contact ²	Dec-05	Operational	
19	Kiboga West	Butemba	Katovu	MTN (U) Ltd	Contact ²	Dec-05	Operational	
20	Kiboga West	Butemba	Kikooma	MTN (U) Ltd	Contact ²	Dec-05	Operational	
21	Kiboga West	Butemba	Lwebisiriza	MTN (U) Ltd	Contact ²	Dec-05	Operational	
22	Kiboga West	Butemba	Misago	MTN (U) Ltd	Contact ²	Dec-05	Operational	
23	Kiboga West	Butemba	Nabitakuli	MTN (U) Ltd	Contact ²	Dec-05	Operational	
24	Kiboga West	Butemba	Nabitakuli	MTN (U) Ltd	Contact ²	Dec-05	Operational	
25	Kiboga West	Butemba	Nabitakuli	MTN (U) Ltd	Contact ²	Dec-05	Operational	
26	Kiboga West	Gayaza	Gayaza	MTN (U) Ltd	Contact ²	Dec-05	Operational	
27	Kiboga West	Gayaza	Kiryajoyo	MTN (U) Ltd	Contact ²	Dec-05	Operational	
28	Kiboga West	Gayaza	Kiyuni	MTN (U) Ltd	Contact ²	Dec-05	Operational	
29	Kiboga West	Gayaza	Luwuuna	MTN (U) Ltd	Contact ²	Dec-05	Operational	
30	Kiboga West	Gayaza	Luwuuna	MTN (U) Ltd	Contact ²	Dec-05	Operational	
31	Kiboga West	Nsambya	Bunanywa	MTN (U) Ltd	Contact ²	Dec-05	Operational	
32	Kiboga West	Nsambya	Katuugo	MTN (U) Ltd	Contact ²	Dec-05	Operational	
33	Kiboga West	Nsambya	Kigando	MTN (U) Ltd	Contact ²	Dec-05	Operational	

S/N	County	Sub County	Parish	Implementer	Contact Details	Start date	Status	Remarks
34	Kiboga West	Nsambya	Kigando	MTN (U) Ltd	Contact ²	Dec-05	Operational	
35	Kiboga West	Nsambya	Kikonda	MTN (U) Ltd	Contact ²	Dec-05	Operational	
36	Kiboga West	Nsambya	Kiryanon go	MTN (U) Ltd	Contact ²	Dec-05	Operational	
37	Kiboga West	Nsambya	Kyakabu ga	MTN (U) Ltd	Contact ²	Dec-05	Operational	
38	Kiboga West	Nsambya	Mujunza	MTN (U) Ltd	Contact ²	Dec-05	Operational	
39	Kiboga West	Nsambya	Ntunda	MTN (U) Ltd	Contact ²	Dec-05	Operational	
40	Kiboga West	Nsambya	Ntunda	MTN (U) Ltd	Contact ²	Dec-05	Operational	
41	Kiboga West	Nsambya	Ntunda	MTN (U) Ltd	Contact ²	Dec-05	Operational	
42	Kiboga West	Nsambya	Ntunda	MTN (U) Ltd	Contact ²	Dec-05	Operational	
43	Kiboga West	Nsambya	Katuugo	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
44	Kiboga West	Nsambya	Kikonda	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
45	Kiboga West	Nsambya	Kyakabu ga	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
46	Kiboga West	Nsambya	Ntunda	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
47	Kiboga West	Ntwetwe	Kitabona	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
48	Kiboga East	Ntwetwe	Bugomol wa	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
49	Kiboga West	Wattuba	Kisoroza	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
50	Kiboga West	Butemba	Byerima	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
51	Kiboga West	Butemba	Katovu	Roam Communications Ltd	Contact ¹	Sep-05	Operational	

S/N	County	Sub County	Parish	Implementer	Contact Details	Start date	Status	Remarks
52	Kiboga West	Butemba	Nabitakuli	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
53	Kiboga West	Butemba	Kyenda	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
54	Kiboga West	Gayaza	Kiryajoyo	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
55	Kiboga West	Gayaza	Luwuuna	Roam Communications Ltd	Contact ¹	Sep-05	Operational	
56	Kiboga West	Butemba	Bukwiri	Roam Communications Ltd	Contact ¹	Dec-04	Completed	
57	Kiboga West	Butemba	Misago	Roam Communications Ltd	Contact ¹	Dec-04	Completed	

GSM Sites

S/N	County	Sub County	Parish	Implementer	Contact Details	Start date	Status	Remarks
1	Kiboga West	Ntwetwe	Ntwetwe	MTN (U) Ltd	Contact ²	Dec-06	Operational	GSM
2	Kiboga West	Ntwetwe	Kawuka	MTN (U) Ltd	Contact ²	Dec-06	Operational	GSM

¹ Roam Communications Ltd, UMA Showgrounds, DDA Building, Lugogo, P.O Box 12852 Kampala, Tel: 0772712428

² MTN Towers, 22 Hannington Road P.O Box 24624 Kampala, Tel: 0312212653