



Regional Centre for Mapping of Resources for Development



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Mapping of Resources for
Development

RWANDA COUNTRY REPORT – RCMRD TECHNICAL COMMITTEE

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DDG RNRA - DLM

Addis, November 2014



OUTLINE

- General Overview of the Year
 - Legislation and Policy issues
 - Technical issues
 - Infrastructure development
 - Human resources and Education
 - Cooperation with RCMRD
 - Partnerships
 - Challenges
 - Future activities in Rwanda
-

General Overview

- Number 1 in Africa (15th in World) in registering property – World Bank Doing Business Ranking 2015.
 - Amendment of expropriation law voted by parliament
 - Sustainability of our land registry
 - Developed a land use planning portal
 - Trained technical committee of the Geo-Info in metadata creation and maintaining
 - 8th CORS station installed – Network completed
 - District land use plans being approved by councils
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Policy and Legislative issues

- Amendment of the expropriation law voted by Parliament on 2010/2014
- Five secondary legislation implementing land law of 2013 gazetted they include:
 - New Notary law giving power to 416 officials as land notary
 - Presidential order determining power and functioning of Registrar of Land Title
 - Ministerial Order determining the functioning of District Land Bureau
 - Ministerial order determining modalities of sub-leasing of agriculture land
 - Amended Ministerial order determining modalities of obtaining freehold land title.
- The draft survey law was returned to our Ministry after cabinet requested some changes in respect of regulation of the survey profession

Technical issues

- Out of the **10.3 million** parcels demarcated, **8.4million** titles were approved. Last year only **5.7 million** titles were collected by owners, this year we have **6.5million**
- Last week we released the second edition of the land administration system manual with new forms for application of services.



Technical issues (Cont.)

- An electronic land registry (LAIS: Land Administration Information System) connected to Banks via Mortgage registration system
- LAIS is now connected to all Districts
- We are finalising the connection with the City of Kigali Construction Permitting System

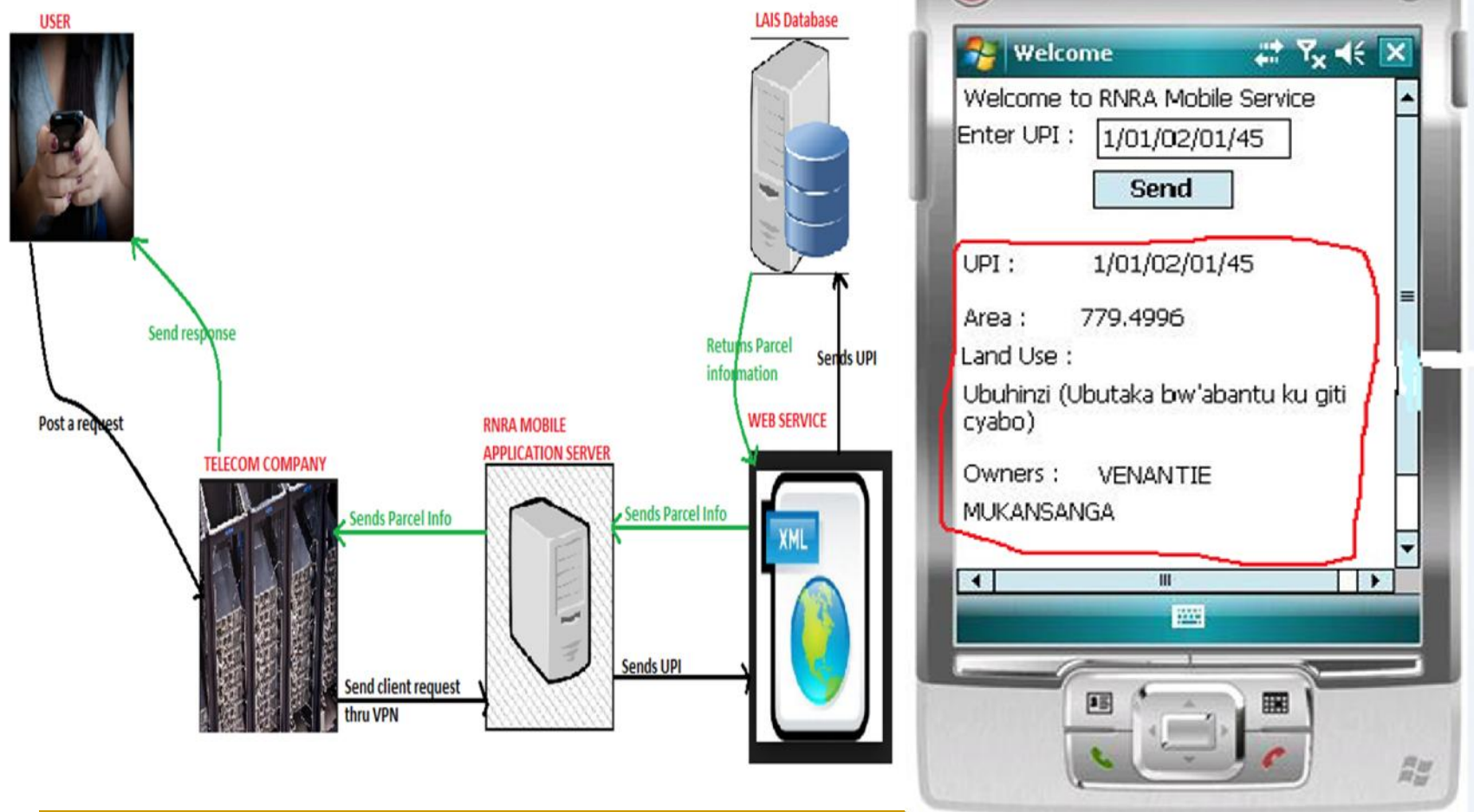
The image displays two overlapping screenshots. The foreground screenshot shows the homepage of the City of Kigali Construction Permit System (KCPS). The website features a blue header with the city logo and navigation links. A central banner reads "each step of the permitting process has been simplified" with a night cityscape background. Below the banner, it says "Welcome to the Kigali Online Construction Permit System:" and "Get started now and receive your Construction Permit in a maximum of 30 days in 5 Steps:". The background screenshot shows the LAIS (Land Administration Information System) interface, which is a web-based application for land management. It includes search filters, a list of land parcels, and detailed information for a selected parcel, such as its location, area, and legal status.

Online services

- Land Query Notification System (you can check the status of your application online)

The screenshot shows a web browser window displaying the Rwanda Natural Resources Authority (RNRA) Land Query Notification System. The browser tabs include 'REPUBLIC OF RWANDA - Office of th...', 'Flickr: Paul Kagame's Photostream', 'Land Query Notification System(RN...', and 'Problem loading page'. The address bar shows the URL '197.243.37.210/LQNS/FrmDLOAddApplication.aspx'. The page header features the RNRA logo, the text 'REPUBLIC OF RWANDA RWANDA NATURAL RESOURCES AUTHORITY', and the Rwandan flag. Below the header is a navigation menu with links: 'Add Application', 'Send To ZONE/RNRA', 'Track Document', 'Update Client Info', 'Report', 'Deliver Docs', and 'LogOut'. The main content area displays a welcome message: 'WELCOME TO RNRA LAND QUERY NOTIFICATION INFORMATION SYSTEM' and 'Welcome, HAKIZIMANA THOMAS GASABO'. A section titled 'ADD NEW APPLICATION' contains a search form with the following fields: 'Province:' (dropdown menu with 'Kigali City'), 'District:' (dropdown menu with 'GASABO'), 'Sector:' (dropdown menu with '--Select Sector--'), 'Cell:' (dropdown menu), and 'Parcel Number:' (text input field). A 'Search' button is located below the 'Parcel Number' field. A 'Notify Clients' button is positioned to the right of the search form. The Windows taskbar at the bottom shows the system tray with the date '20-Dec-13' and time '10:03 AM'.

Now developing a mobile application to check owner information and size of plot



With Rwanda Online: Now developing online application for transfer of land and sub-division

WB Doing Business Report 2015

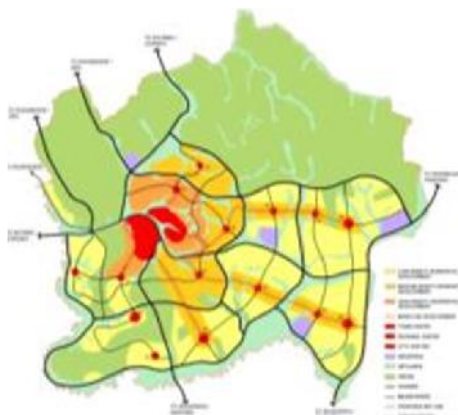
- New Methodology
 - General ranking: Rwanda is number 46
 - Registering Property
 - Worldwide ranking: Rwanda is number 15
 - Africa ranking: Rwanda is number 1
 - It takes on average 28 days to transfer land in Rwanda.
-

Kigali City Plan over 40 years

**EXISTING
LAND USE**
in
CITY of **KIGALI**



**CONCEPT
OPTION**
for
CITY of **KIGALI**



**STRUCTURE
PLAN**
for
CITY of **KIGALI**



**ZONING
PLAN**
for
CITY of **KIGALI**



Land Administration and Land Use:

www.masterplan2013.kigalicity.gov.rw

The screenshot displays the 'CITY OF KIGALI MASTER PLAN 2013' Web GIS interface. The browser address bar shows the URL <http://masterplan2013.kigalicity.gov.rw/>. The page header includes the City of Kigali logo, a sun icon, and the text 'CITY OF KIGALI MASTER PLAN 2013' with 'Total Visitors: 1642 (Online Users : 1)'. A 'Login' button is visible in the top right corner. A 'Menu' dropdown is open on the left, showing 'Search' and 'Layers' options. The main map area shows a satellite view of Kigali with overlaid land use planning data. Three districts are labeled: 'GASABO' in the north, 'NYARUGENGE' in the west, and 'KICUKIRO' in the south. A scale bar indicates 10km and 5mi. A scale input field shows 'Enter Map Scale 264817 Set'. A compass rose is located in the bottom right of the map area. The footer contains the text 'CITY OF KIGALI', a language dropdown set to 'English', and the slogan 'A RISING STAR IN AFRICA' with a sun icon. The Windows taskbar at the bottom shows the time as 10:01 AM on 31-Mar-14.

Land Administration and Land Use:

www.masterplan2013.kigalicity.gov.rw

CITY OF KIGALI MASTER PLAN 2013
Total Visitors: 1453 (Online Users : 0)

Menu

Search

Select Cell: KAMASHASHI

Select Parcel ID: 93

Search Results

	OBJECT ID	Parcel ID	WETL
Zone PDF	285154	93	0

Layers

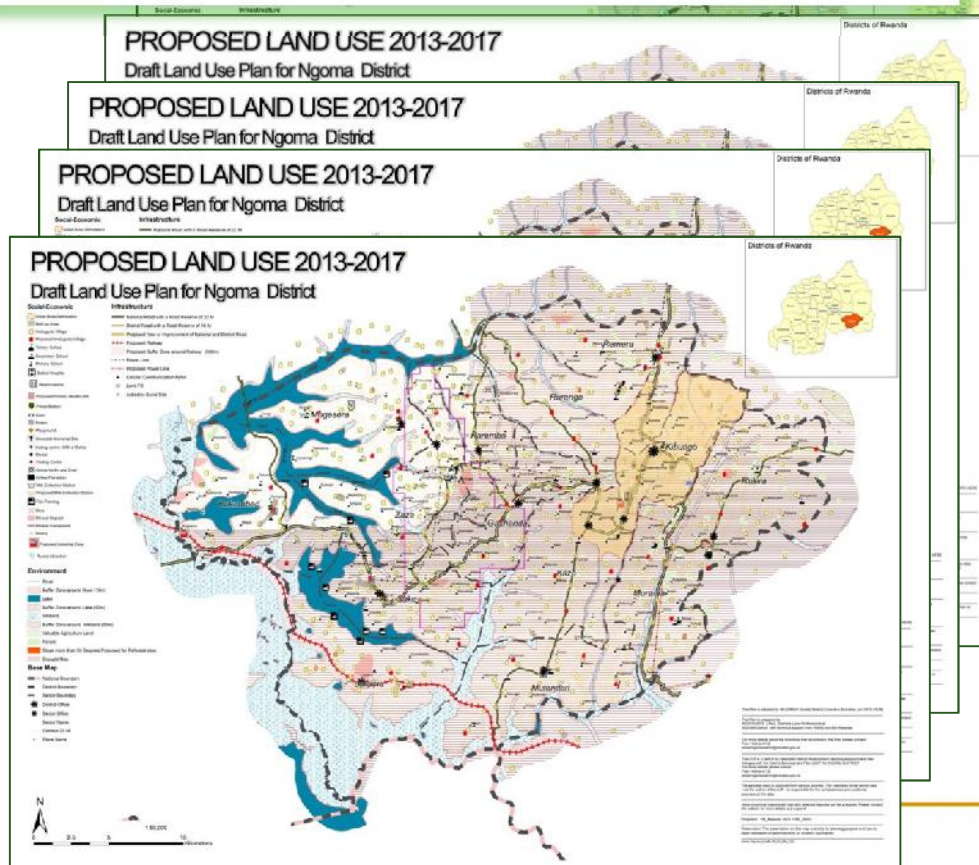
Zone Name: R1A
Zoning: R1A - Mixed Single Family Residential District
Road Type: Above Ground
Township: K7
Planning: KANOMBE - NYARUGUNGA PLANNING AREA
Sector Name: NYARUGUNGA
District Name: Kicukiro
Area_Ha (Hectares): 20.0466647213
[Click here to close the information window](#)

Enter Map Scale: 1719 Set

X = 3357810.4479, Y = -219134.6729

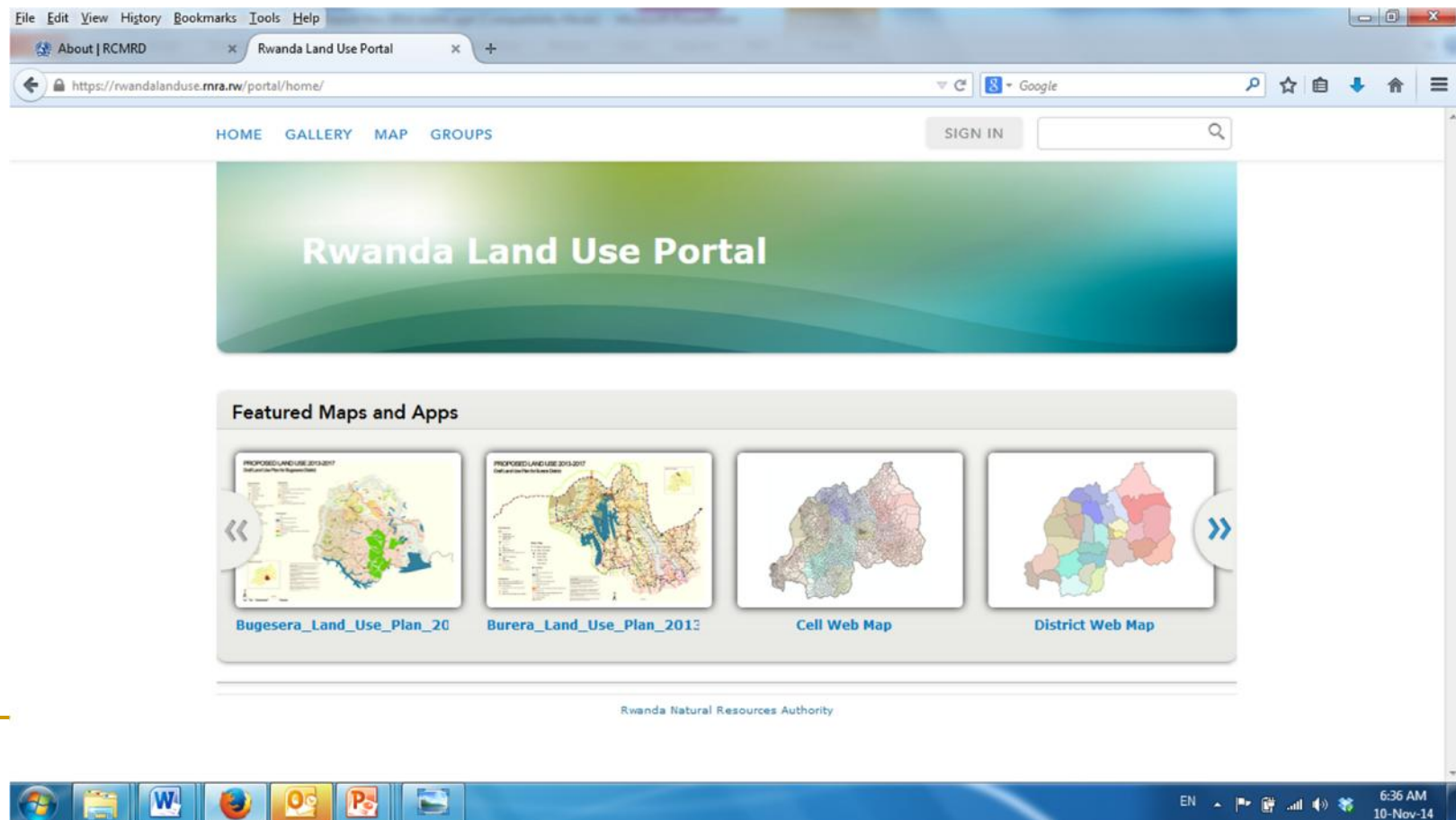
CITY OF KIGALI Language: English **A RISING STAR IN AFRICA**

All Districts with Draft Land Use Plan– the first of its kind in Rwanda (now being approved by councils)



Technical issues (cont.)

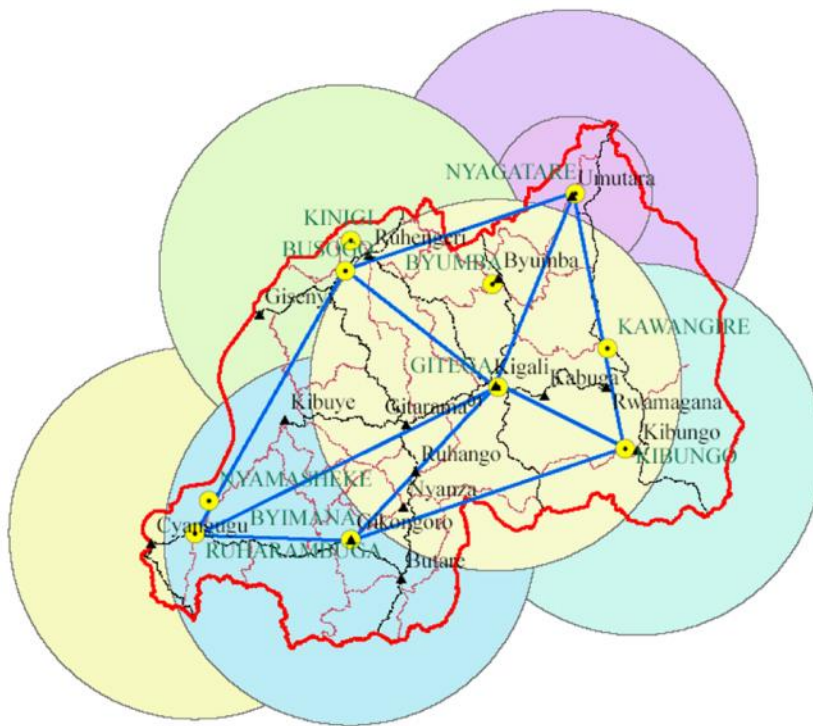
- Finalising our first land use planning portal www.rwandalanduse.rnra.rw to be launched on 21st Nov 2014



Technical issues (Cont.)

- Modern Geodetic Reference Network completed with 8 stations

RWANDA RTK COVERAGE MAP

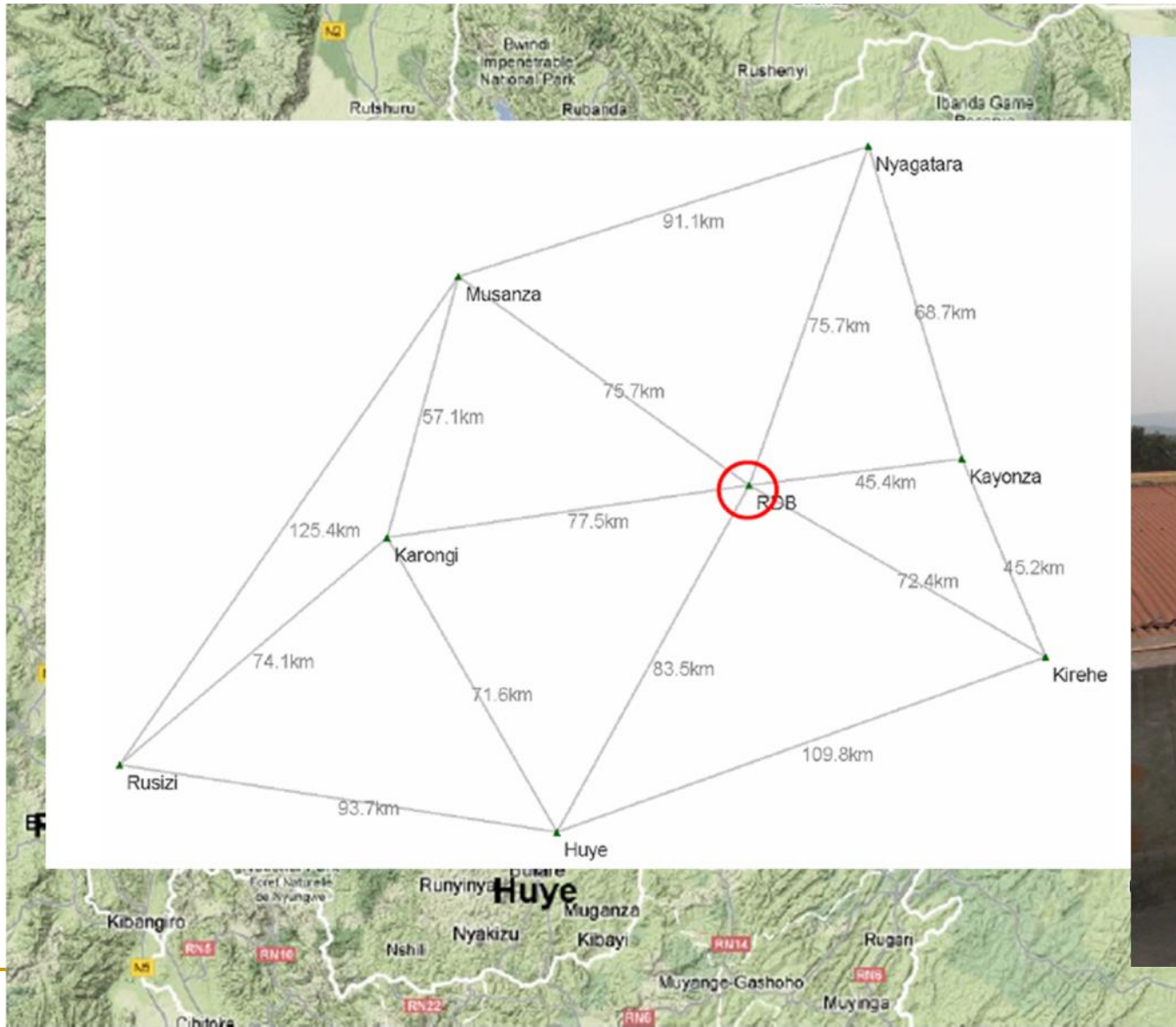


Legend

- ▲ TOWNS
- AWS
- RTK_Network
- ▭ COUNTRY
- - - ROADS1
- - - ROADS2



CORS – Geodetic Reference Network (8stations)



Human Resources, Education and Training

- 8 Staff sent to ITC – Twente University in Netherlands for MSc in Land Administration (Second cohort)
 - 1st Batch of surveying technicians graduated at INES Ruhengeri
 - 22 Institutions participating in Geo-information committee trained in Metadata creation and maintenance
 - 85 Land Officers trained in Land Administration
 - 120 Officials trained in Land Administration Information system (LAIS)
 - 416 local officials given an introduction to land management in Rwanda
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Cooperation with RCMRD

- The Presidential Order No67/01 of 12/03/2014 ratifying the accession of Rwanda to the RCMRD gazetted on 31/3/2014
 - 2 Trainings in metadata creation and maintenance of staff from 22 institutions member of the National Geo-Information Committee workshop
 - 2 people from Academia attended a training in Land Administration organised in July 2014.
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Partnerships

- **Ordnance Survey**(UK) to develop a mapping strategy and advise on commercialization of spatial data)
 - **UK Land Registry** – visits and MoU under preparation
 - Preparation of twinning partnership with **Lantmateriet** (Land Registry of Sweden) under preparation
 - Now working with **Kadaster** (Deutch) to integrate spatial data into our LAIS and improve it.
 - UN-GGIM – Attended 3rd High Level Forum in Beijing – October 2014
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Challenges

- Maintenance of first land registration – KEY PRIORITY
 - High turn over of trained staff
 - Strengthening our mapping capacity
 - Capacity in Geo-ICT (involvement of Private Sector)
 - Weak land surveying profession
 - Capacity and skills in land use planning and implementation
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Future activities

- Online service – Application of transfer and application for land sub-division
 - Introduce one day one procedure for transfer of commercial and industrial land
 - Connect the Land Registry to Revenue registry
 - RCMRD to conduct the assessment of installed CORS
 - Launch the land use portal and New basemap
 - Produce a mapping strategy with assistance of Ordnance Survey
 - Review of 6 orders implementing the land law
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For more information: www.rnra.rw

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Thank you very much!
