



FIG Working Week 2024

19-24 May

Accra, Ghana

Your World, Our World:
Resilient Environment
and Sustainable
Resource Management
for All

Application of GNSS CORS in Land Administration – Case Study of Rwanda

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Contents

- Introduction
- Implementation Process
 - Legislation and Policy
 - Infrastructure development
 - Capacity Development
- Results

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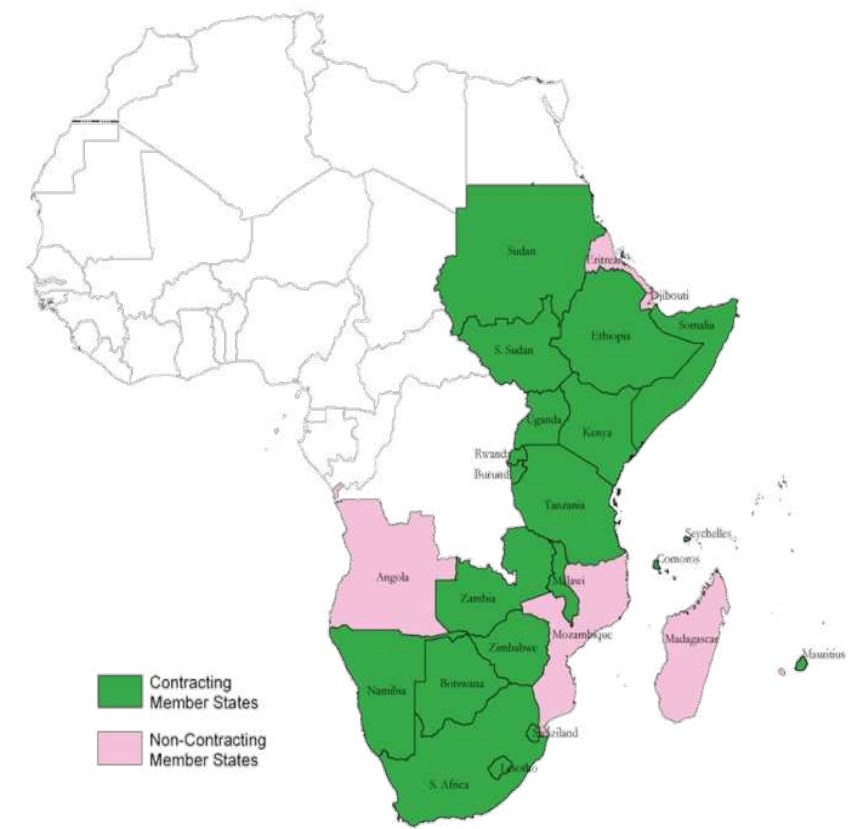
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Introduction

- Rwanda is one of the RCMRD's member states
- World Bank Doing Business Report 2015
 - Worldwide ranking: Rwanda is number 15 in using the new methodology
 - General ranking: Rwanda is number 46
- Property Registration
 - Worldwide ranking: Rwanda is number 15
 - Africa ranking: Rwanda is number 1
- It takes on average 28 days to transfer land in Rwanda.



(This presentation is based on Annual technical report submissions)



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Legislation and Policy issues

- 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.

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Infrastructure development

- ❑ Modern Geodetic Reference Network completed with 8 GNSS CORS (Managed by the Rwanda Land Management and Use Authority (RLMUA)
 - ❑ A modern and cost effective way survey and mapping.
 - ❑ to meet the rising demand for land administration and management
 - ❑ The geodetic reference system form the basis for all digital spatial data in Rwanda.

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Infrastructure development cont'

- Developed a land use planning portal
- District land use plans approved by councils
- An electronic land registry (LAIS: Land Administration Information System) connected to Banks via Mortgage registration system, districts, city council(for permitting)
- Integration of Land use and Land Administration Information Management

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Capacity Building

- ❑ 8 Staff sent to ITC – Twente University in Netherlands for MSc in Land Administration
- ❑ 1st Batch of surveying technicians graduated at INES Ruhengeri
- ❑ 22 Institutions participated in Geo-information committee trained in Metadata creation and maintenance at RCMRD
- ❑ 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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GEOSA
General Authority for Surveying
and Geospatial Information





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New Way of Doing Business

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

Menu
Search
Select Cell: KAMASHASHI
Select Parcel ID: 93
Search Results:
Zone PDF: 285154 | Parcel ID: 93

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 (Hectare): 20.0466647213



HOME GALLERY MAP GROUPS SIGN IN

Rwanda Land Use Portal

Featured Maps and Apps

- Bugesera_Land_Use_Plan_20
- Burera_Land_Use_Plan_2013
- Cell Web Map
- District Web Map

REPUBLIC OF RWANDA
RWANDA NATURAL RESOURCES AUTHORITY

WELCOME TO RNRA LAND QUERY NOTIFICATION INFORMATION SYSTEM

Welcome, HAKIZIMANA THOMAS GASABO

ADD NEW APPLICATION

Search Option

Parcel Location: Kigali City
Province: GASABO
District: --Select Sector--
Cell:
Parcel Number:



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SUSTAINABLE DEVELOPMENT GOALS

International Federation of Surveyors supports the Sustainable Development Goals

Commission 5

Positioning and Measurement

Serving Society for the Benefit of People and Planet

