Sustainable Land Administration and Management

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Three countries

Population

- China: 1,350,695,000
- Sweden: 9,658,301
- Rwanda: 10,500,000

Land size (sqKm)

- China: 9,596,961
- Sweden: 449,964
- Rwanda: 26,338

Population density

- China: 144
- Sweden: 22
- Rwanda: 416
Systematic Land Registration

Rwanda Natural Resources Authority

LTR
PROCESS OVERVIEW

Field Sheet Production

Mobilisation

Demarcation and Adjudication

Issuance of Land Titles

Objections and Corrections

Data Entry

Parcel Digitisation
- 96% Aerial Photo
- 4% high resolution satellite Images
Field Sheet preparation – by Cell
Demarcation and ...  

Para-Surveyors, Adjudication Committee and neighbours
Map digitisation
Achievements (June 2009 – September 2014)

- All land parcels are demarcated = **10.3 millions** parcels demarcated
- Less than 1% (11,840) disputed parcels registered (80% of those conflicts are intra-family related)
- **8.4 million titles** approved and Printed for issuance
- **6.5million Titles** collected by owners
ANNEX to Certificate of Registration of Emphyteutic Lease Title

EXTRACT CADASTRAL PLAN

PROVINCE: NORTHERN
DISTRICT: BURERA
SECTOR: KIVUYE
CELL: MURWA

NOTE:
Parcel Map prepared based on General Boundaries Principle

Date: 25-Feb-2011
Registrar/Deputy Registrar: MUNYANGAJU Damascene
Signature: [Signature]
Stamp: [Stamp]
1st Land Administration System Manual

- Procedures for land transactions and registration
- Forms for any type of request
- Requirements for any type of transaction
- Person responsible

*NB: Second Edition to be released this month*
Land Administration Information System

- Electronic land registry and maintenance system (Update of parcel, person and land right information)
- Connected all 30 Districts
- Linked to all bank through e-MRS
- Being connected to Kigali City Construction Permitting system
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
National Land Use Master Plan

- National Land Use and Development Master Plan approved by Cabinet on 19th January 2011
- Land use planning and development Law Gazetted in July 2012
All Districts with Land Use Plan– the first of its kind in Rwanda
CORS – Geodetic Reference Network (8stations)
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
National Spatial Data Infrastructure

- Inventory of all spatial data
- Creating standards and metadata for all spatial data
- Creation a portal to easy access and exchange/sharing of spatial data (Geonode data portal)
- Development of a Land Use Interactive portal (www.rwandalanduse.rnra.rw)
Adapted from Enemark et al, 2005
General ranking: Rwanda is number 32

Registering Property

- Worldwide ranking: Rwanda is number 8 after Georgia (1), New Zealand (2), Belarus (3), United Arab Emirate (4), Armenia (5), Lithuania (6) and Danemark (7)
- Africa ranking: Rwanda is number 1
- It takes on average 12 days to transfer land in Rwanda.
EDPRS 2: “Shaping Our Development”
A Journey to Middle Income Status by 2020

Minister of Finance and Economic Planning
Ideas to take ....

- Political will for Geospatial information, land administration/registration
  - Policies
  - Laws
  - Institutions
- Use of un-conventional methods
- Knowing who owns what and what to do where is important for sustainable cities and human resettlements
  - Collecting tax
  - Protect environment
  - Enforcement of rational land use
  - Land registry maintenance
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SDG: Sustainable Development Goals
SDG: Sagashya Didier Giscard

THANK YOU VERY MUCH!!
谢谢