PART ONE
Introduction

- Kenya occupies an area 582,646 km² of Land
- The ownership & management of land is governed by various pieces of legislation which often conflict

Pivotal Role of land in Kenya

Governments world-wide recognize the pivotal role of Land;

Land is the habitat of mankind and its wide use is crucial for economic, social and environmental advancement…
Population Growth

- The total population in Kenya was last reported at 40.9 million people in 2010 from 8.1 million in 1960.
- The high population growth coupled with uncontrolled urbanization has resulted to intense competition for land.

Kenya economy

- Kenya economy is predominantly agricultural.
- Over 80% of the population lives in rural areas and derives employment and livelihoods from agricultural activities.
- Sustainable land use remains a great challenge to national development.
The Ministry of lands

- Is the main Government INSTITUTION charged with the responsibility of ensuring proper Land administration and management

LAND ADMINISTRATION AND MANAGEMENT IN KENYA

Core function
Ministry of Lands

Technical Departments

- Physical planning
- Surveys
- Land adjudication and settlement
- Lands
- Administration & Planning
- Land use planning
- Cadastral and mapping
- adjudication and settlement
- Land administration registration and valuation
Mandate of the Ministry

- Development & implementation of Policies on Land
- Spatial planning and regulation
- Generation, maintenance and dissemination of accurate geographical data
- Ascertainment and recording of rights and interests on Land Settlement of poor landless Kenyans
- Secure Land tenure
- Property Valuation
- Administration of Land
- Management of Land information and records
- Ensuring Sustainable Land Use
WHY LAND REFORMS?

- Outdated Land management and administration system
- Outdated and conflicting land laws
- Long and cumbersome processes of planning, surveying, adjudication, settlement and registration of land
- Unmanageable manual land records accumulated over many years leading to poor service delivery
- Numerous boundary disputes
- Inequitable access to land especially by women, children and minority groups
contd

- Irregular allocation of government land
- Tenure insecurity leading proliferation of slums, squatting and landlessness,
- Unsustainable use of land and environmental degradation
- Underutilization of agricultural land
- Historical injustices
- Regional imbalances
- Urbanization challenges
- Population Pressure on land

LEGAL AND POLICY FRAMEWORK ON LAND REFORM

- Constitution of Kenya 2010
  - Bill of rights - Rights to information and property
  - Chapter 5 on land and environment
  - Establishment Systems of Land Courts
  - Provides a policy framework that guides land reforms in Kenya
- Kenya Vision 2030
  - Provides long-term development blueprint for the country which aims at transforming Kenya into “a newly-industrializing, middle-income country providing a high quality of life to all its citizens in a clean and secure environment”
Land reforms is one of the Foundations for realization of the three pillars under Kenya Vision 2030 namely: Political, Social and Economic

**Medium Term Plan - 2008-2012**
- Outlines the priority land reform activities to be undertaken in 5 years

**Ministry of Lands strategic plan, 2008-2012**
- Provides a roadmap for the Ministry to implement prioritized land reforms

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**PROGRESS IN IMPLEMENTATION OF LAND REFORMS?**

As guided by the legal and policy framework, the Ministry in collaboration with stakeholders has initiated the following land reforms:

1. **INSTITUTIONAL REFORMS**
   - Establishment of a National Land Commission
   - Devolution and County Governments

2. **LEGISLATIVE REFORMS**
   - Preparation of Draft legislations/ bills
     - Land REGISTRATION
     - Land Commission bill
     - Land bill
     - Community Land bill
3. LAND ADMINISTRATION & MANAGEMENT REFORMS

i. Development of a GIS-BASED National Land Information Management System (NLIMS)

ii. Preparation of a National Spatial Plan,

iii. Preparation of a National Land use Policy

iv. Development of a Kenya National Spatial Data Infrastructure

v. Development of evictions and resettlement guidelines

Ministry Swots Analysis

<table>
<thead>
<tr>
<th>STRENGTH</th>
<th>WEAKNESSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Decentralized services to the district level</td>
<td>1. Insufficient Human Resources</td>
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<tr>
<td>2. Extensive infrastructure (LAN &amp; WAN)</td>
<td>2. Challenges in Weak succession management strategy</td>
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<tr>
<td>4. Professional, adoptive to change &amp; Skilled Staff</td>
<td>4. Limited geo-Spatial data</td>
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<tr>
<td>5. Public &amp; Private Partnership for collaboration institutional framework</td>
<td>5. Inadequate budgetary provisions to optimize reform processes</td>
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<tr>
<td>6. Enhanced Capacity to generate Revenue &amp; AIA</td>
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<td>7. Collaboration with international partners</td>
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<tr>
<td>8. Continuous growth in budgetary allocations</td>
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<tr>
<td>9. Clear mandate, vision and vision</td>
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<tr>
<td>10. Strong policy framework on Land.</td>
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<table>
<thead>
<tr>
<th>OPPORTUNITIES</th>
<th>THREATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Political goodwill</td>
<td>1. Inherent Conflicts in Land use patterns</td>
</tr>
<tr>
<td>2. Improved access to development partners resources</td>
<td>2. Political interference</td>
</tr>
<tr>
<td>3. Strong commitment in Public Sector Reforms</td>
<td>3. Unpredictable budgetary merges leading to seasonal budget cuts</td>
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<tr>
<td>4. Sectoral e-government strategies</td>
<td>4. Low ICT technical skills among staff</td>
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<td></td>
<td>5. Manual legacy system</td>
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<td></td>
<td>6. Insecurity and manipulation of Land paper records</td>
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<td>7. High staff turnover</td>
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PART TWO

GIS-BASED NLIMS

DESIGNED WEB-BASED
OPERATE LAN & WAN, WIRELESS TECHNOLOGY
REACH GLOBAL
NLIMS OBJECTIVES

• To create flexible, reliable and secure databases that includes, land administration, management and spatial representation
• Create document management systems to manage the existing paper records in the four technical department
• Provide an online platform to enable customers access the NLIMS services seamlessly

NLIMS OBJECTS CONTD

• Provide standardized and integrated implementation platforms
  – Software & hardware, Operations procedures and policies, Relevant ICT policies, Knowledge transfer & training projections
• Enhance quality, availability and value of Land management information for effective decision making process
• Respond to the provisions of the National policies
NLIMS IMPLEMENTATION ROADMAP - LINEAR APPROACH

- Safeguarding of paper records and scanning for all departments (Phase I)
- Processes mapping & benchmarking (Phase II)
- Database development (Phase III)
- Hands-on training (Phase IV)
- System roll-out and commissioning (Phase V)

A to Z NLIMS architectural model

- Integrated National Land Database Management System

ICT SKILLS, AND OPERATIONS STANDARDS
NLIMS – ESTIMATED BUDGET- ksh.7 BILLION
(87500000 usd)

2011
130 Million –GOK
1billion - Devel. Partners
Over 1billion

2009
10 m –GOK
5M - Devel. Partners
Total 15million

2010
240 Million –Gok
50M - Devel.
Partners
290 Million

NLIMS IMPLEMENTATION GANTT CHART

<table>
<thead>
<tr>
<th>Phase</th>
<th>Activities</th>
<th>Year 1-2010</th>
<th>Year 2- 2011</th>
<th>Year3 – 2012 - 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Administration - Strengthen and empower NLIMS-implementation team</td>
<td>Q1</td>
<td>Q2</td>
<td>Q3</td>
</tr>
<tr>
<td>1. Digitization</td>
<td>Create electronic reference records/ (Safeguarding of paper records)</td>
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<tr>
<td></td>
<td>Harmonize the Land Referencing Numbers(LR No.)</td>
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<tr>
<td>2. BPR</td>
<td>BPR MINISTRY PROCESSES (DPP, DOS, DLOS, DOL)</td>
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<tr>
<td>3.</td>
<td>Automate &amp; integrate Technical departmental functions - database(LIMS)</td>
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<td>4.</td>
<td>Procure hardware and software platform</td>
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<td>5.</td>
<td>Train Users/ RE-SKILLING/ CHANGE MANAGEMENT</td>
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<tr>
<td>6.</td>
<td>Test system</td>
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<tr>
<td>7.</td>
<td>System roll out (headquarter &amp; County offices)</td>
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PILAK
PROJECT OF IMPROVING LAND MANAGEMENT IN KENYA

SWEDISH/GOK PROJECT
2010--2012

Components

1. SAFEGUARDING & DIGITIZATION OF LAND PAPER RECORDS
2. BUSINESS PROCESS RE-ENGINEERING
3. Establishment of KENREF systems
4. LAND PARCEL ID
5. Development of LAND RENT database system
6. REGISTERED LAND ACT
7. OTHER ADMINISTRATION SYSTEM
8. PUBLIC AWARENESS
NLIMS-MAJOR ACHIEVEMENTS 2010-2012

Institutional Level

• Completed the NLIMS IMPLEMENTATIONS MASTERPLAN
• Developed clear NLIMS implementation roadmap, roles and responsibilities
• Operationalised Service Management Framework and ICT organisational structure
• Developed Corporate web-presence - Website and fully deployed e-mail system
• Considerable continued ICT capacitation
ICT INFRASTRUCTURE

• Continuously installing Mobile Shelving for storage in registries;
• Upgraded the Ministry LAN and WAN

CONT’D

• Improved Communication systems via Internet connectivity both at the headquarters and the new ardhi houses at county level
DIGITIZATION OF LAND PAPER RECORDS

- Fully deployed an analogue and digital archive model to standardize and replicate the process of Safeguarding and digitization of Land records in the Ministry.

DIGITIZATION OF LAND PAPER RECORDS

- Established the Ministry land records conversion centre (LRCC).
- Over 50,000 title deeds have been scanned
- ;insert a bar chart
CAPACITY BUILDING

- Set-up a modern ICT training laboratory on 7th floor – skills transfer
- Integrated Sensitization workshops for ministry staff both at the Headquarters and field offices
- Organized Integrated study tours on both business processes and ICT best-practices

Geodetic referencing - KENREF

- Constructed 13 zero order Pillars out of 23 required country wide
NLIMS IMPLEMENTATION CHALLENGES

<table>
<thead>
<tr>
<th>INADEQUATE &amp; LOW ICT SILLS</th>
<th>LIMITED ICT INFRASTRUCTURE</th>
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</thead>
<tbody>
<tr>
<td>Among ICT staff and ministry staff</td>
<td>ICT EQUIPMENT</td>
</tr>
<tr>
<td></td>
<td>--DATA COMMUNICATION</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>LIMITED BUDGET ALLOCATION</th>
<th>LAND ADMINISTRATION INFORMATION GAPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>-Recurrent and development allocation</td>
<td>Dilapidated records</td>
</tr>
<tr>
<td>-Develop. partners</td>
<td>Illegible files/documents</td>
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<tr>
<td></td>
<td>Lost &amp; misplaced files</td>
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<thead>
<tr>
<th>RESISTANCE TO CHANGE, - Organization CULTURE &amp; BEHAVIOUR</th>
<th>Conflicting and numerous land Laws</th>
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<tbody>
<tr>
<td>- Maintain status quo</td>
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IMPACT ON THE AUTOMATION

- Improved On Revenue Collection From 5billion In 2009 To 8 Billion 2011
- Re-engineering of the ministry processes from manual based to digital processes for quick decisions making while informing other related functions.
- Revolutionised the land administration and management processes
- Improved service delivery by use of the new ICT systems
NLIMS-Centre of excellence
Unify People, Processes, and Systems

User Interface

Personalized View of Government

NLIMS PORTAL - Integrated Systems and Processes

Systems Integration (SOA) & BPM

Content - Paper & Others

Comprehensive Access

Department Specific
Financial
Human Resources
Shared Services
Procurement
Content Management

MINISTRY OF LANDS

Vision 2030

NLIMS

GIS DATABASE
PHYSICAL PLANNING MODULES
DOL MODULES
DOS MODULES
LAND ADJ. & SETTLEMENT MODULES

REVIEWED & STRENGTHENED ICT POLICIES & OPERATIONS PROCEDURES

National Connectivity Infrastructure and Skills Development

Vision 2030

NLIMS
Thank you for your kind attention!

ASANTE SANA

.......And together the road is manageable!....Committed to Results the motivation....