Local Government Industry Session

Namasake Everton
Account Manager
Outline

• Track Overview
• Introduction
• Segment Overview
• Drivers, challenges solutions
• GIS Applications in the segment
• Benefits
Track Overview

• Introduction
• Local Government Overview
• A Village Level GIS-Based County Government and Environmental
• GIS Based Modeling to Assess Pollution Vulnerability to Groundwater in the Vicinity of Solid Waste Disposal Site, Case study: Pugu Kinyamwezi Dumpsite in Dar es Salaam, Tanzania.
• Comparing two geospatial approaches for delineating crop ecologies in Tanzania.
• Analysis of Urban Growth and Agricultural Land Use of Kuta in Shiroro L.G.A, Niger State, North-Central Nigeria
Local Government Team

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Account Executive

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Solutions Engineer
## Segmentations

<table>
<thead>
<tr>
<th>Industry</th>
<th>Segments</th>
<th>Sample Accounts</th>
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</thead>
<tbody>
<tr>
<td>Local Government</td>
<td>County Governments</td>
<td>Nairobi, Kisumu</td>
</tr>
<tr>
<td></td>
<td>Municipal Councils</td>
<td>KCCA, DCC, AACA</td>
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<tr>
<td></td>
<td>State Governments</td>
<td>Oromia National Regional State, AACA</td>
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<td></td>
<td>Urban &amp; Regional Planning</td>
<td>DNM, National Planning Authority,</td>
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Challenges in Local Government

Increasing

- Accountability Pressure
- Citizen Rights & Demands
- Environmental Regulations
- Capital Requirements
- Operational Costs
- Security Threats
- Competition for Investment

Declining

- Budgets
- Natural Resources
- Capital Resources
- Experienced Professionals
- Infrastructure (Aging)
Applications

- Development of a County/LA baseline database
- County/LA Spatial Plan/Zoning
- Urban Planning Design & Construction
- Transportation Management.
- Managing Land Parcels/Records
- Disaster Management
- Project Management and Impact
Most counties fall short of local revenue targets

Despite Caldwell下げ falling short of most of their targets were seen at around per cent. 

<table>
<thead>
<tr>
<th>COUNTY</th>
<th>TARGETED</th>
<th>COLLECTED</th>
<th>PERCENTAGE</th>
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<tbody>
<tr>
<td>Machakos</td>
<td>2,850,000,000</td>
<td>1,356,559,888</td>
<td>47.6%</td>
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<tr>
<td>Nairobi City</td>
<td>13,323,722,061</td>
<td>11,500,049,480</td>
<td>86.3%</td>
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<tr>
<td>Kiambu</td>
<td>3,263,234,585</td>
<td>2,110,856,557</td>
<td>64.7%</td>
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<td>Busia</td>
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<td>315,202,075</td>
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<tr>
<td>Murang'a</td>
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<td>562,227,534</td>
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<td>Embu</td>
<td>748,000,000</td>
<td>401,105,103</td>
<td>53.6%</td>
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<td>Garissa</td>
<td>700,000,000</td>
<td>130,717,649</td>
<td>18.7%</td>
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<tr>
<td>Kajiado</td>
<td>959,045,150</td>
<td>785,837,768</td>
<td>81.9%</td>
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<tr>
<td>Isiolo</td>
<td>452,699,367</td>
<td>133,699,318</td>
<td>29.5%</td>
</tr>
<tr>
<td>Kajiado</td>
<td>959,045,150</td>
<td>785,837,768</td>
<td>81.9%</td>
</tr>
</tbody>
</table>
Revenue Targets

- Land Parcels linked to revenue targets
- Revenue from Parking
- Business Permits
Debunking the Myth

Local Government can’t afford to use GIS due to its enormous resource requirements (time, money, knowledge)

Local Government can’t afford not to use GIS due to the enormous challenges that they are facing. GIS offers many benefits and a quick return on investment.
Welcome