Fit-For-Purpose Land Administration in Perspective

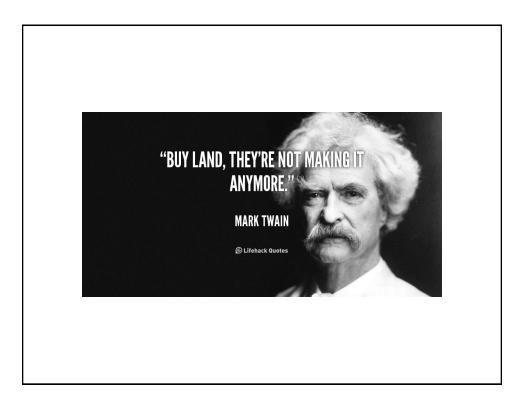
Christiaan Lemmen FIG Commission 7 Annual Meeting Coimbra, Portugal, October





FACILITATED BY:

JN@HABITAT





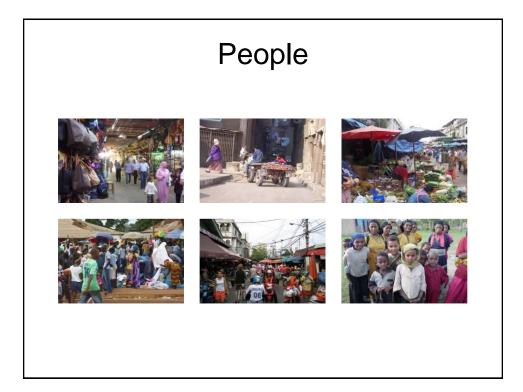
Quality Principles - Reminder

Completeness Logical Consistency Topological Consistency Positional Accuracy Temporal Accuracy Thematic Accuracy



Challenges in Land Administration

- 70% to be done
- · Complex institutional setting
- Corruption / Transparency
- Automation
- Trend: decentralisation







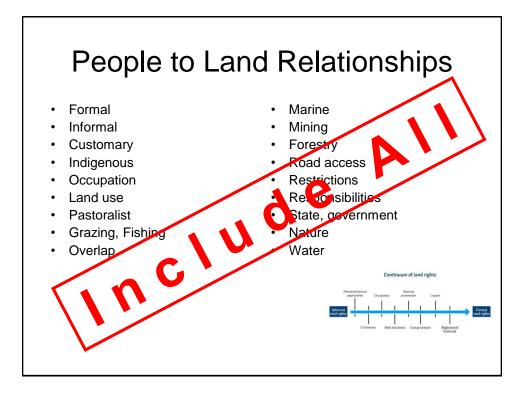


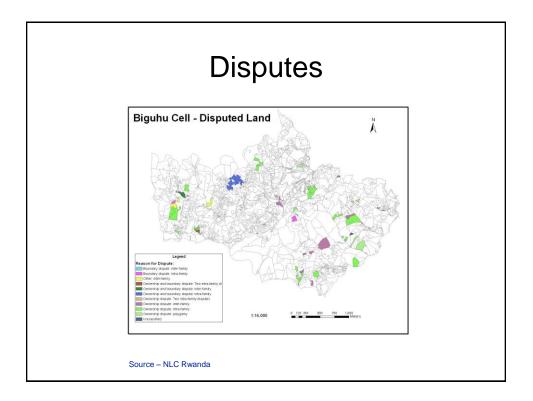
People to Land Relationships

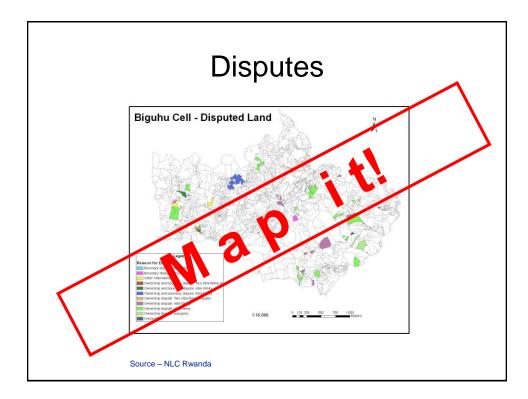
- Formal
- Informal
- Customary
- Indigenous
- Occupation
- Land use
- Pastoralist
- Grazing, Fishing
- Overlap

- Marine
- Mining
- Forestry
- Road access
- Restrictions
- Responsibilities
- State, government
- Nature
- Water



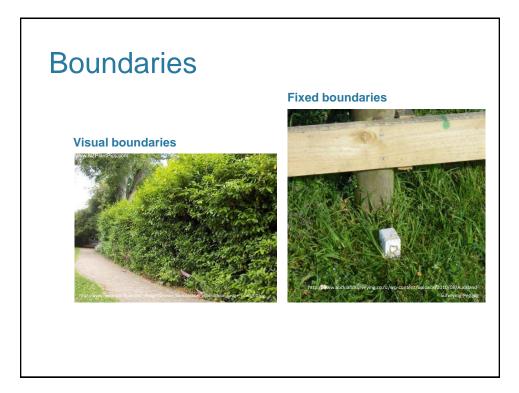


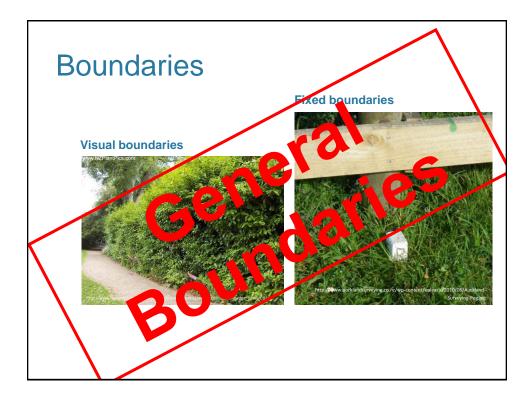






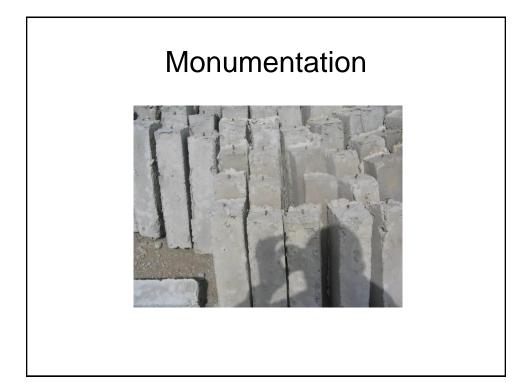


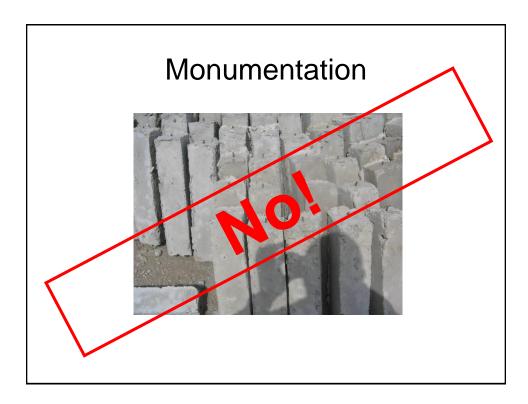








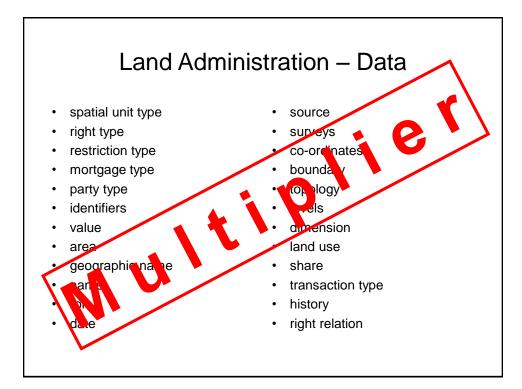


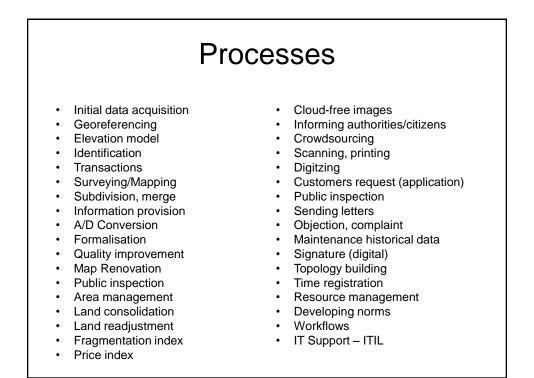


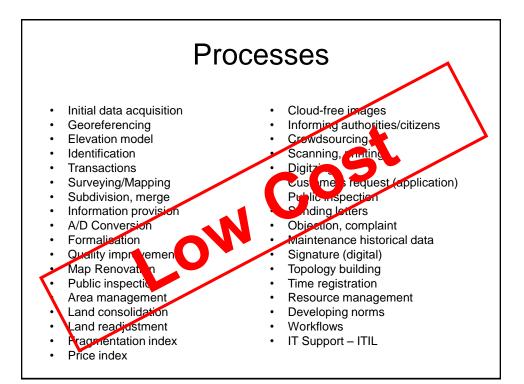
Land Administration – Data

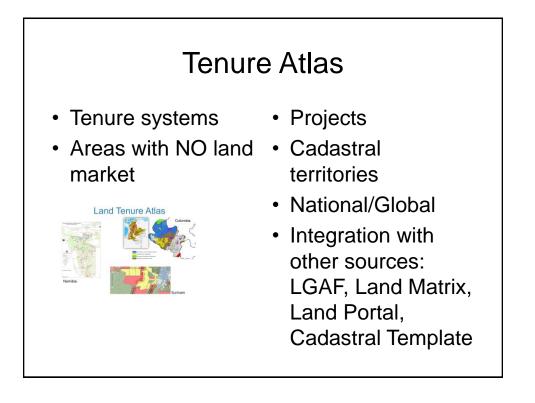
- spatial unit type
- right type
- · restriction type
- mortgage type
- · party type
- identifiers
- value
- area
- geographic name
- name
- role
- date

- source
- surveys
- co-ordinates
- boundary
- topology
- levels
- dimension
- land use
- share
- transaction type
- history
- right relation







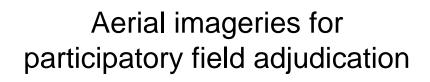






Fit-for-Purpose Land Administration

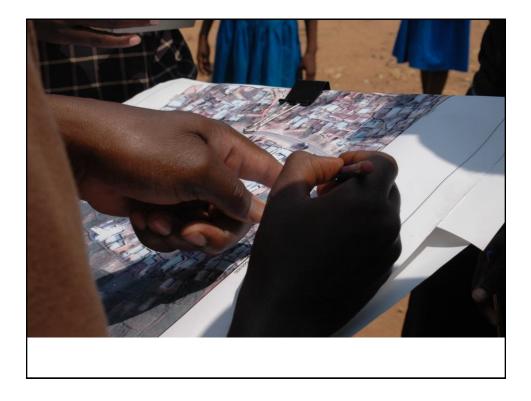
Spatial Framework	Legal Framework	Institutional Framework
 Visible (physical) boundaries rather than fixed boundaries Aerial / satellite imagery rather than field surveys Accuracy relates to the purpose rather than technical standards Demands for updating and opportunities for upgrading and ongoing improvement 	 A flexible framework designed along administrative rather than judicial lines. A continuum of tenure rather than just individual ownership Flexible recordation rather than only one register Ensuring gender equity for land and property rights. 	 Good land governance rather than bureaucratic barriers Holistic institutional framework rather than sectorial siloes Flexible IT approach rathe than high-end technology solutions Transparent land information with easy and affordable access for all

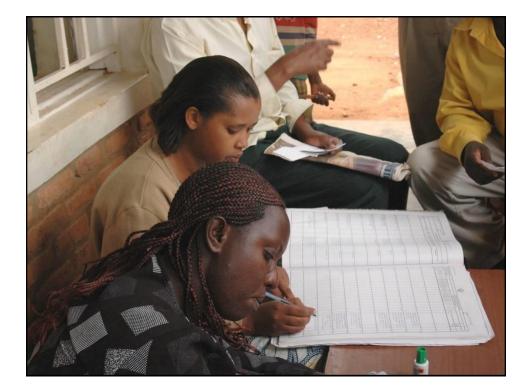




Source: Zerfu Hailu, Ethiopia

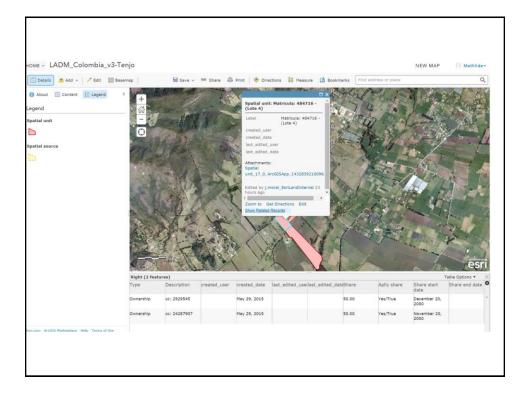








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Party: Jaime Rodrigo Gutierrez Correa Edited by j. moral, EsriLandinternal an hour ago	Party: Gilma Velez de Gutierrez Edited by j.moral_EsriLandinternal 13 minutes ago
NAME Jaime Rodrigo Gutierrez Correa	NAME Gilma Velez de Gutierrez
TYPE Natural person	TYPE Natural person
CREATED_USER	CREATED_USER
CREATED_DATE May 29, 2015	CREATED_DATE May 29, 2015
LAST_EDITED_USER	LAST_EDITED_USER
LAST_EDITED_DATE JUNE 01, 2015	LAST_EDITED_DATE
PARTY ROLE	PARTY ROLE
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Example Case

Conventional

- 100 years
- High Costs
- Technology driven
- By Government
- Rigid

FFP

- 10 years
- Low Costs
- Demand driven
- By Citizens
- Transparent

