Land Administration at the World Bank: An Expanding Agenda

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Technical Deep Dive
« Information Technologies for Improving Land Administration Services »
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1. Land Administration Functions and Institutions

2. Main Lessons from Experience

3. Emergence of Enabling Technologies

4. The Land 2030 Initiative
1. Land Administration Functions & Institutions

- Policy and Regulations (Ministry)
- Adjudication, Regularization of Land Rights (Land Agency)
- Mapping, Surveying Land Parcels (Cadaster)
- Registration of Rights (Registry)
- Management of Public Lands, Planning, Taxation (Governments)
- Conflict Resolution (Courts, Alternative)
3. Main Lessons from Experience

- Principle of “Fit-for-Purpose”

- Development of methodologies, standards, and of Land Information Systems (software and hardware)
  - take time
  - better done by “building modules”
  - learning by doing
  - site-specific
  - No Turn-key approach

- Ideal: Merge Cadaster with Registry under one entity

- Second best: full integration of information systems
Lessons...

- Institutional capacity building is permanent
- Coordination among entities is extremely challenging
- Use alternative dispute resolution mechanisms
- Public dissemination campaigns
  - of peoples’ land rights,
  - field operations,
  - access to information
  - dispute resolution
Lessons...

- Area-Systematic surveying (and/or adjudication) is cheaper, progressive, and more sustainable.

- International expertise is helpful, but inevitably requires permanent local knowledge and local field teams.
3. Emergence of Enabling Technologies…

- Use of the Cloud
- Aerial and satellite imagery
- 3D/4D visualization
- Indoor positioning
- UAVs (drone)
- LiDAR & GPS

- Integral components of Modern Land Administration Systems
4. Land 2030 Initiative

➤ Goal: Enhance commitment of governments and partners to achieve ambitious global and regional targets to secure land rights by 2030, especially on

✓ Women’s rights
✓ Fragility, forced migration
✓ Increased focus on Africa and Middle East
Land 2030 Initiative

- Expansion of Bank’s land portfolio, by $760 million to $1,432 million over next 18 months
- Expansion of global and regional partnerships for capacity building, use of geospatial technologies, and exchanges
- Technical Deep Dive is an integral part of this Initiative, let’s focus on Action Plans
Thank You