

# Observations and Conclusions



International Conference on Enhancing  
Land Registration and Cadastre for  
Economic Growth in India  
30 January - 1 February

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# Observation



- § Only innovative institutional arrangements can cope with increasing populations, greater investments in land, economic growth and more social welfare.
- § Lack of these arrangements lead to land grabbing, conflict, resources misuse, undermines productive and economic potential.



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# Observations



- § institutional arrangements (decentralize)
- § women's access to land
- § land issue is part of a broader development policy
- § make land information accessible
- § strategy development



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# Observations

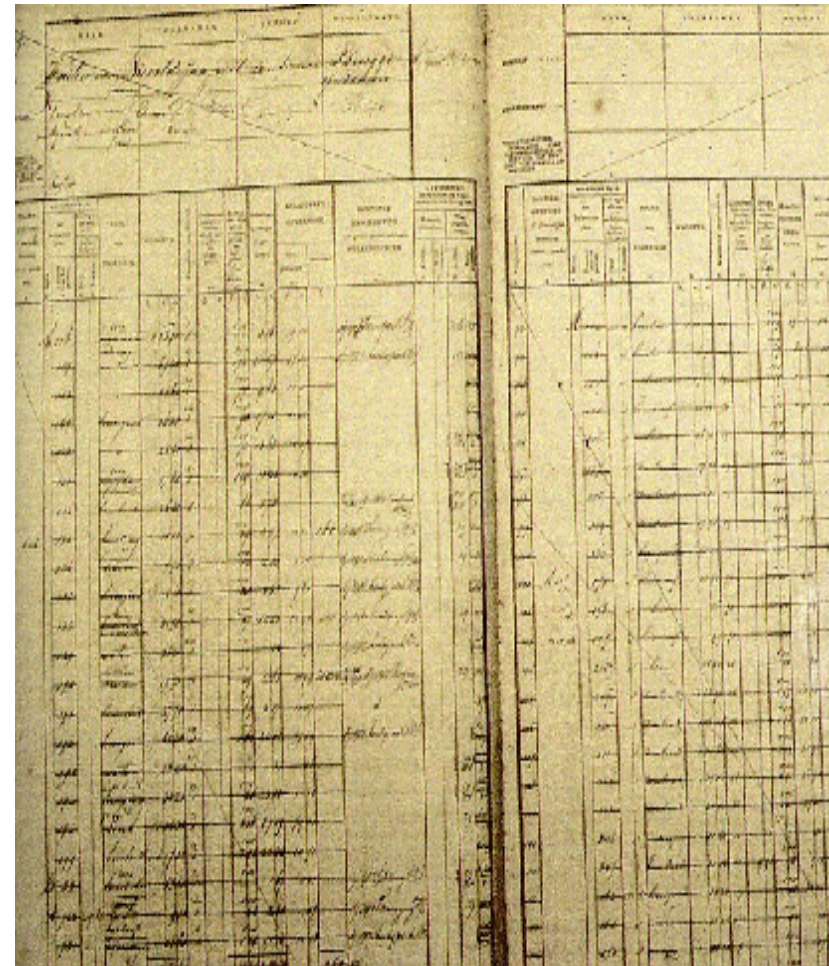


- § Low transaction costs is a must, otherwise people will not register
- § Cost recovery? There are cost reductions in other areas! What are the costs of a messy cadastre? (e-Gov)
- § Participatory approaches
- § Implementable systems based on user requirements
- § Low cost surveying and mapping systems
- § LA is base for SDI
- § Data modeling & process design



# Observations

- § database technology
- § data access
- § information management
- § quality management
- § risk management



# Observations



- § user requirements:
  - § products and services
- § security is a main issue
- § increased use of the data in digital environment



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# Observations



- § Acquisition methods (orthophoto, satellite imagery, LIDAR, GPS, video)
- § Combined with existing methods
- § Quality labels



# Conclusions



- § Innovations urgent, joint effort, both from professionals and organisations
- § Willingness to co-operate in favour of the citizens
- § First take care that the data are there: consistent, reliable, complete



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# Conclusions



- § Public land to be surveyed & Registered
- § Establish an integrated cadastral information society: facilitate the change
- § Implementation will take one generation...
- § Evaluate the legal meaning of digital data - eGovernment



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# Conclusions



- § Determination of illegal buildings is relevant, establishment of a proper basis for spatial planning too
- § Capacity building in (low cost) surveying and land registry
- § GNSS based survey has the future
- § Develop PPPs, government has to be ready for that
- § Try to standardize as much as possible



# Conclusions

- § integration of LA organizations, start with the database integration and harmonisation
- § reference system upgrade
- § learn from good practise (Bhoomi)
- § separate court for trial of land disputes



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# Conclusions



- § the court is not a good environment for providing services, judgement delays economic growth
- § economic growth for all - also the poor
- § this means LA for all, all people registered
- § revenues from proper LA are substantial: there is a solid basis for investments
- § start the developments



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# Final Remark



- § It is very easy to make it very complex,  
it is complex to keep it easy
- § The government is there for the people,  
not the other way around



# Publication



Slides and papers:

§ [www.oicrf.org](http://www.oicrf.org)

§ [www.fig.net](http://www.fig.net)

CD with full papers will be mailed