



The role of cadastral system for the good land administration in Korea

2006. 10. 12

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Background

- People demand faster and better LA services
- Limitation for good services in current cadastral system
- Lack of collaboration between land organizations
- Cadastral organizations have a role of reliable cadastral data to the Public sectors and private sectors

Activities in land organizations

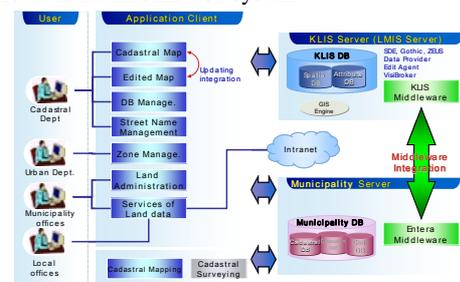
- **E-Government**
 - Innovative and better services public and businesses
 - The vision and goals are enhancing services and governance
 - Building an infrastructure for e-Government
 - Cadastre and land registration at government sectors has been constructed Information system based on GIS under sharing data for public sectors and citizens

Activities in Land organizations

- **NGIS Project**
 - Master plan of NGIS project has been launched since 1995 (conversion of geo-data)
 - Second Phase(2001~2005) was finished (construct basic geo-data and application systems)
 - Third Phase(2006~2010) : (dissemination and standardization of geo-data)
- **Land Register Digitalization Project**
 - Supreme court finished to digitalize the real estate registration process
 - The purpose of this project is enhancing the service quality for citizens

Activities in cadastral organizations

- Korea Land Information system



Activities in cadastral organizations

- RPIMC (Real Property Information Management Center)
 - RPIMC provides an assessment of total property taxation such as land and buildings by collected the property tax from each municipality
 - This system is linked with the number of data such as a cadastre, citizen, land value and property tax

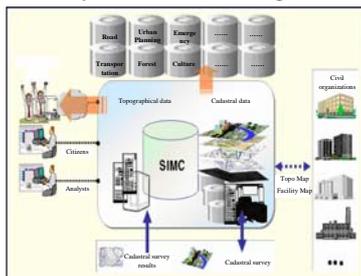
Activities in cadastral organizations

- Total Survey System



Activities in cadastral organizations

- SIMC (Survey Information Management Center)

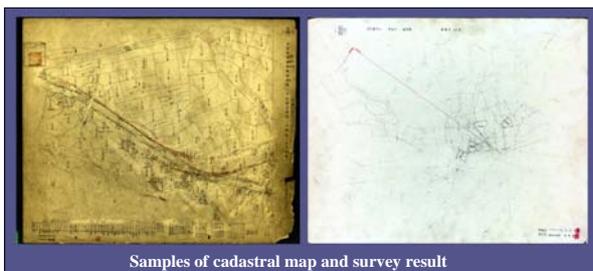


Problems and Issues in LA

- Construct independent systems without standardization under NGIS policy
- Not an active meeting between land organizations
- Current processes similar to traditional way
 - Traditional inspection process in the cadastral survey
 - Disconnected cadastral system and land registry system
 - Consumed time and cost to both the public and private sector

Problems and Issues of LA

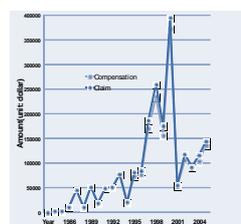
- Demanding reliable quality of spatial data



Samples of cadastral map and survey result

Cadastral Reform Project

- Increasing land boundary disputes
 - Cadastral data are not in accordance in reality
- Land owner and neighbor apply for survey claim
- Accurate problem of national geodetic network
- Demanding improved spatial quality from society
- On Going
 - Preparing special law for a cadastral reform recently



Big claims of the cadastral survey for KCSC

Role of the cadastral system for LA

- Leading role among land administration in Korea
- Improving spatial quality of cadastral data based measurement
 - Develop a SIMC based on survey record
 - Provide accurate cadastral data for the geo-market
- Creation a working group for developing geo-policy and standardization between land organizations
- Capacity building
 - Sending staff for studying abroad
 - Developing a training system such as GIS, digital Photogrammetry, RS etc.

Conclusion

- The systematic management of the land will enable and help to make right administrative decisions
- Improving spatial quality based on survey records should be supported a basis of establishment of a good land administration in Korea
- Cadastral system will be guaranteed transparent information and provided integrated spatial data for possibility of multiple analyses

Thanks for your attention!

If you have any question, please contact :

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