


1. What is Cadaster?

I. Why is Cadastral Resurvey necessary?


Cadaster • Recording information about location, shape, use/utilization, boundary, area, purpose of use and buildings of land

People



National ID Card


Land



Land Registration


Functions

Economy




- Land taxation
- Land transactions
- Land evaluation

Administration




- Land use
- National territorial information

Law



- Land registration
- Address

Fundamental national data indispensable to our daily life



2. Large number of cadastral discrepancy : Cause of boundary disputes

I. Why is Cadastral Resurvey necessary?

• Wrong land boundary incurs neighborly dispute, which leads to a decline of life quality of people

Distribution of Cadastral Discrepancy nationwide

(Unit: 1,000 parcel)

Province	Discrepancy (1,000 parcels)
Seoul	149
Busan	170
Daegu	39
Incheon	53
Gwangju	185
Daejeon	32
Ulsan	80
Gyeonggi	550
Gangwon	729
Chungbuk	557
Chungnam	430
Jeonbuk	557
Jeonnam	822
Gyeongbuk	400
Gyeongnam	583
Jeju	200

※ 5,54 mil parcel s of 37million parcel s of Korea do not correspond with cadaster.

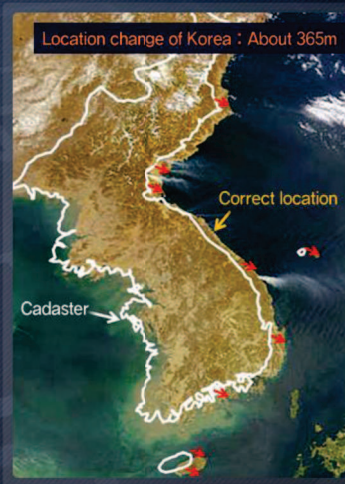
Cadastral discrepancy that declines the life quality of the people must be resolved



3. Damaged and inaccurate paper cadaster

I. Why is Cadastral Resurvey necessary?

- Errors due to 100-year-old outdated technology and equipment
- Paper cadaster is vulnerable to wear/damage/ deformation over time
- A necessity of Conversion into World Geodetic Reference
- Clearing away the remnants of Japanese colonialism and Restoration of intellectual sovereignty



We ourselves have to resolve the problems arising from inaccurate cadaster



4. Land information unsuitable for the digital age

I. Why is Cadastral Resurvey necessary?



A necessity of 3-dimensional information



A necessity of advanced cadastral system that copes with fast-paced information age

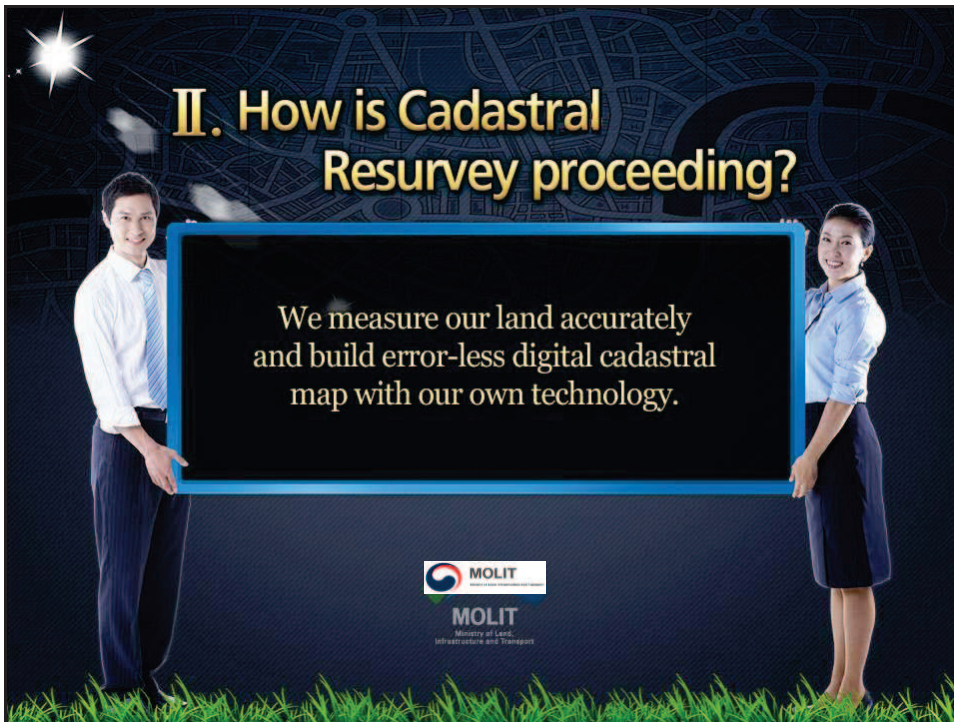


A necessity of efficient national territory information management



Digital design of cadaster will improve the utility value of our land





1. Overview of Cadastral Resurvey

II. How is Cadastral Resurvey proceeding?

- Objectives of Project** • Accurate survey of our land with state-of-the-art technology
- Project Period** • From the second-half of 2012 till 2030
- Project Size** • Organizing cadastral discrepancy : 554, 000 parcels (15% of our land)
- Project Cost** • About KRW1.3 trillion

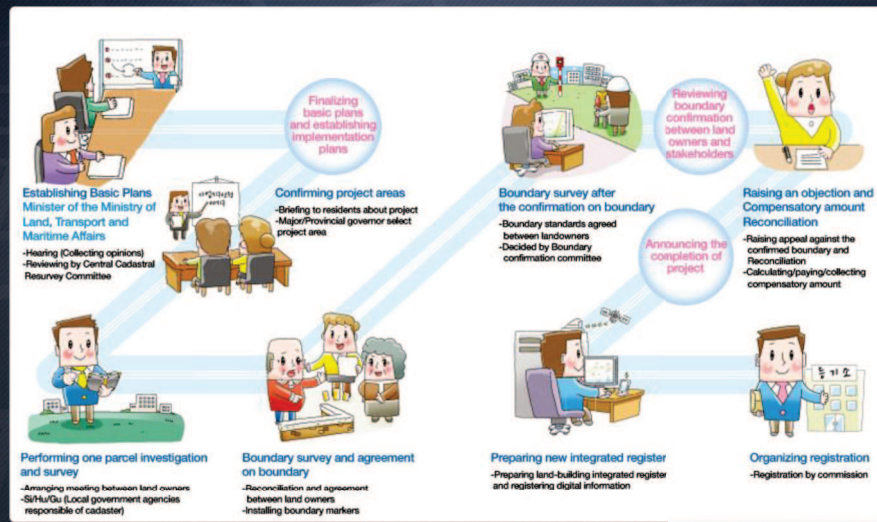
Cadastral Resurvey

National project to measure our land again and develop smart national territory

MOLIT
Ministry of Land, Infrastructure and Transport

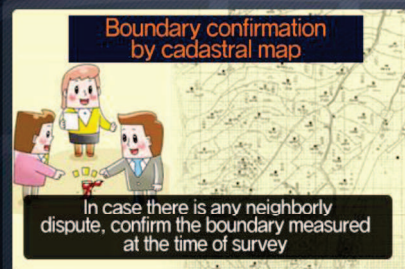
2. Implementation Procedure

II. How is Cadastral Resurvey proceeding?




3. Standards of Boundary Confirmation

II. How is Cadastral Resurvey proceeding?



III. What benefits will cadastral resurvey bring to us?

Cadastral survey will correct wrong cadastral information and improve people's quality of the life.



1. Protecting the property rights of the people

III. What benefits will cadastral resurvey bring to us?

- Exercising property rights after correcting cadastral discrepancy
- Resolving boundary disputes after land boundary confirmation
- Reducing cadastral survey cost

Protecting the property rights of the people through 3-dimensional digital cadaster



Subjects of registration	Rights
<ul style="list-style-type: none"> • Building • Transmission lines • Overpass and so on 	<ul style="list-style-type: none"> • Surface rights • Divided ownership • Compensation of the land below transmission lines, etc.
<ul style="list-style-type: none"> • Boundary • Reference point • Roads, rivers, etc. 	<ul style="list-style-type: none"> • Ownership • Easement • Surface rights, Rights on trees in the mountains, etc.
<ul style="list-style-type: none"> • Subway • Shopping mall • Tunnel, etc. 	<ul style="list-style-type: none"> • Underground rights • Compensation of the land below transmission lines, etc.

Ground surface, Above ground, Underground



2. Providing accurate land information and Simplifying administrative procedures

III. What benefits will cadastral resurvey bring to us?

- Correct duplicate and mismatching information (Reducing administrative waste)
- Accurate survey thanks to the latest surveying technology
- Simplifying the administrative procedures needed for construction and development and improve the efficiency of local governments
- Possible to locate the boundaries with a tape measure by using a surface boundary point register
- Providing high-quality and up-to-date digital information, which will enable it to check land information anytime and anywhere



3. Increasing land use value and developing local economy

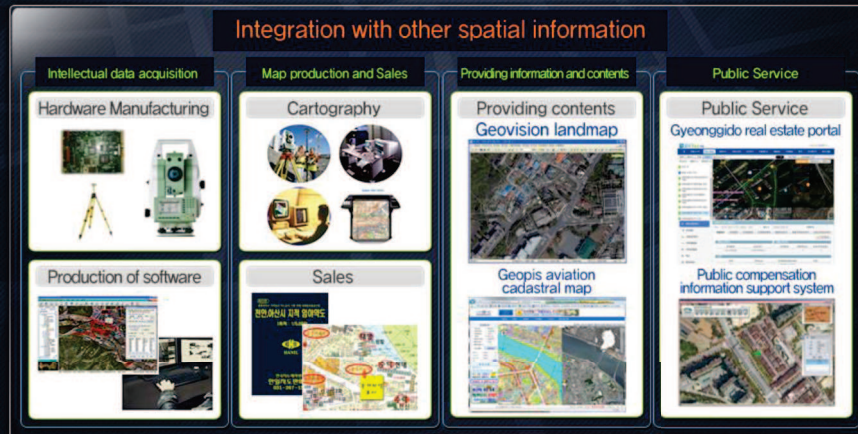
III. What benefits will cadastral resurvey bring to us?

- Organizing irregular land shape on straight line, which will lead to convenient land use
- Securing driveways for the land without driveways through boundary adjustment for constructions or other uses
- Contributing to local economy development through an increase of land utilization
- Integrative management of surface/above ground/underground information by parcel unit



4. Upgrading the national status and Driving economic development III. What benefits will cadastral resurvey bring to us?

- Leaving Digital Cadaster made by our own technology to the our next generations
- Availability of the integrated utilization with other spatial information will generate a wide range of synergy effect
- Expecting the export of our advanced Digital Cadastral System and state-of-the art surveying technology



5. Expected Benefits (I) III. What benefits will cadastral resurvey bring to us?



