Introduction of the Cadastre 2014
KRAS (Korea Real Estate Administration Intelligence System)

1. Outline the System

Cadastral & Registration System

- Cadastral System
  - established by land survey law in 1910
  - Ministry of Land, Infrastructure, and Transport
  - the information registered & managed by KLIS

- Registration System
  - constructed by real estate registration ordinance in 1912
  - Ministry of Justice
  - the information managed by RIS
System Problems

- inconsistency of each data base
- increase administrative costs
- inconvenience of the people

One object
2 ministries, 5 Laws, 4 Information System (diversified)
2 Description of the KRAS

One Unified Certificate

- Cadastre 7
  - Parcel register for site
  - Parcel register for forest area
  - Cadastre Map
  - Site Register
  - Boundary/Coordinate Register
  - Joint Signature Book
- Building 4
  - General Building
  - Total Identification
  - Set identification
  - Set Appropriation
- Land 1, Price 3
  - Land Use Planning Confirmation
  - Official Land Price Confirmation
  - Individual Housing Price Confirmation
  - Multi-family Housing Price
- Register 3
  - Copy of Land Register
  - Copy of Building Register
  - Copy of Set of Building Register

Optimized information

Optimized Service for People
**Benefits**

**Time**
- By the system, the time spent working was reduced
- Document Application 5 to 1 time
- Processing Stages 6 to 2 stages
- Processing date 13 to 6 days
- Required Documents 5 to 1

**Accuracy**
- 50 million data inaccurate (2010)
- 20 million data was completed during 4 years

**Active & Citizens**
- Spatial information industry became more active
- High quality
- Reduce fee
- On line service

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**2 Description of the KRAS**

**Statement 2**

The separation between maps and registers will be abolished

- Not achieve the integration between the two ministries
- However, the first system in the world can issue all 18 different types of information on one unified document
- Korea cadastral information (maps) and registers were integrated into one system by network

**Concluding Remarks**
Joint Execution of cadastral survey

- Started business (2005)
- Current business (2014)
- Private sector performed 11%

3 times growth compared to 2005 (11% → 30%)
Annual status of the private companies

- Private companies
- Employees

Annual shares of the total sales for cadastral surveying in areas open for the free market

- Public
- Private
One of the most unprecedented phenomena

Through the joint execution, public and private sectors are working closely together

Annual status of total amount sales about joint execution project

money unit: thousand dollars

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<thead>
<tr>
<th>Year</th>
<th>Total</th>
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<tr>
<td>2009</td>
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<tr>
<td>Total</td>
<td>18-25</td>
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</table>
Through the joint execution, public and private sectors are working closely together.

- Control point surveying: Public sector
- Detailed surveying: Public + Private sector

**Future Challenges**
regardless of space, we can work in the world
Thus, the cross-border cooperation will get higher competition of national surveyors also should be increased.
감사합니다

Thank you very much