

Insight for Smart Cooperation in GGIM

- Global cooperation in perspective of Korea GIS -



Q & A

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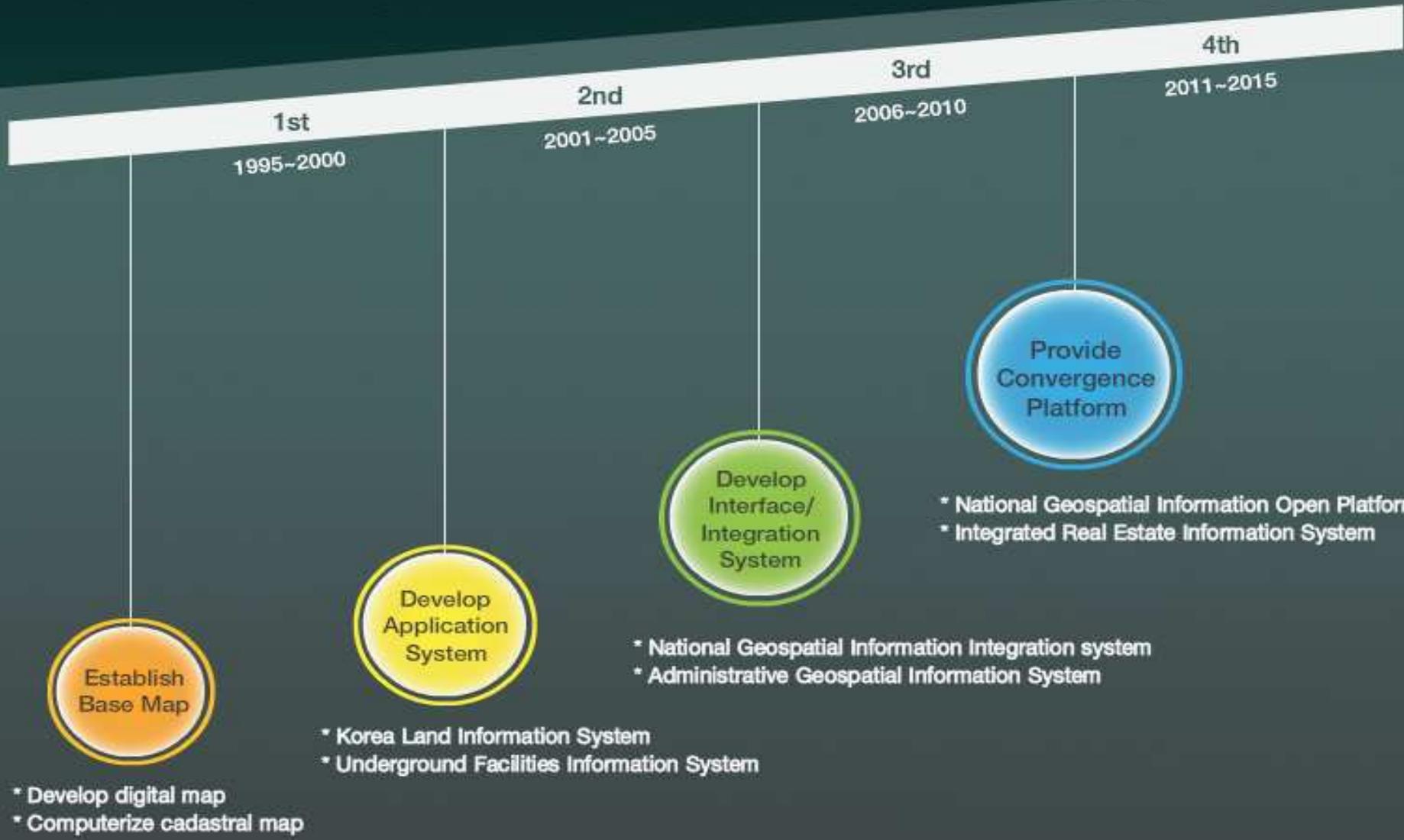
08 Korea Land Information Service

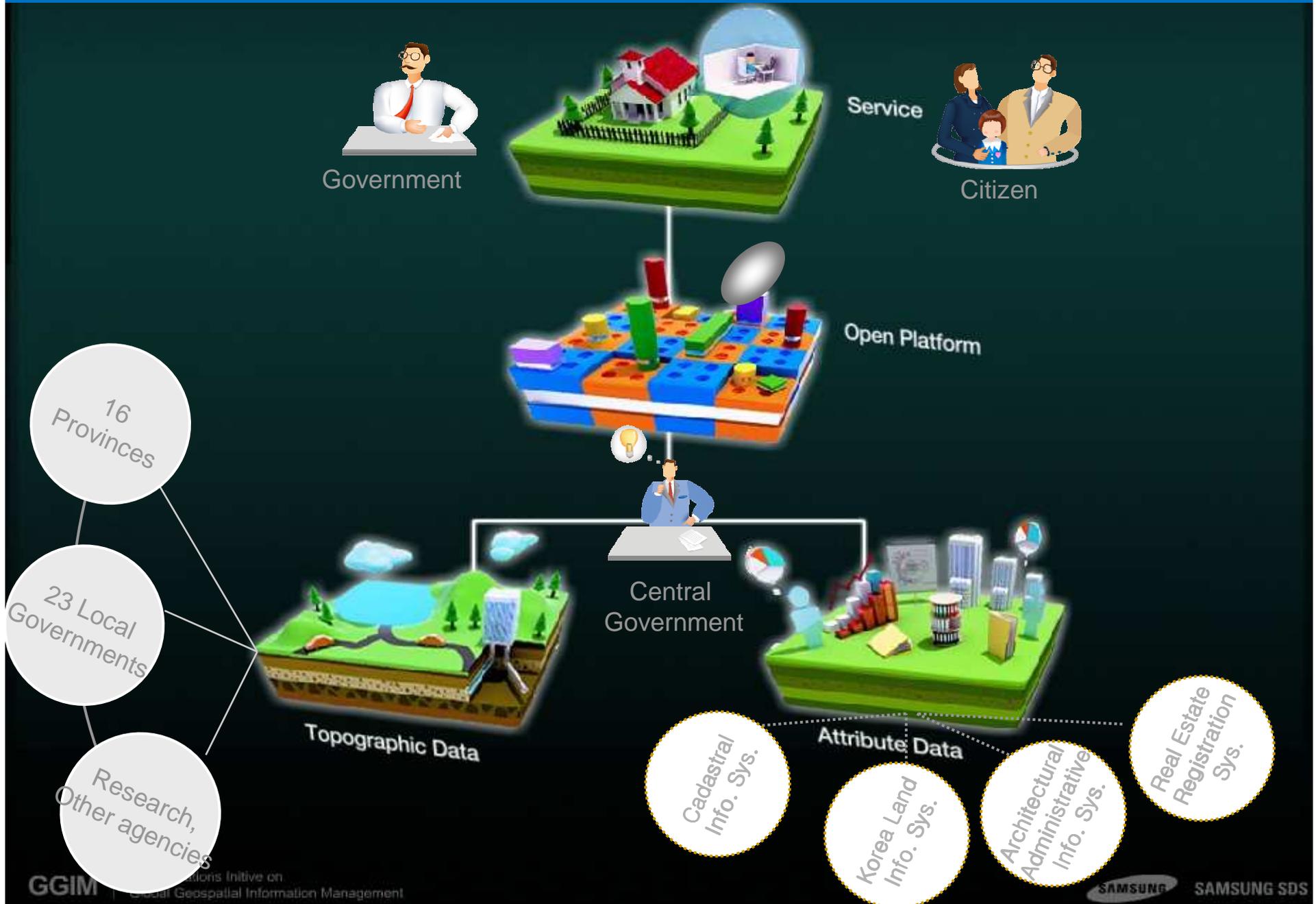
Cooperation

09 Direction of global cooperation

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Components of System

- Data Channel Manager
- Information Service Framework
- Information Utilization System
- Policy Support System

Components of Integrated DB

- Basic Map/Other Geospatial Information
- Consecutive Cadastral Map
- Zoning Map etc.

Unification of real estate information seeks convenience for the public services through integrating distributed ones

Current : 18 types of public documents

Target : Comprehensive 1 public document

<h3>Cadastral Info. System</h3> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Land Info.</p> </div> <div style="text-align: center;"> <p>Map Info.</p> </div> </div> <div style="display: grid; grid-template-columns: 1fr 1fr; gap: 10px;"> <div style="text-align: center;"> <p>토지(임야)대장</p> </div> <div style="text-align: center;"> <p>대지권등록부</p> </div> <div style="text-align: center;"> <p>경계점좌표 등록부</p> </div> <div style="text-align: center;"> <p>공유지연명부</p> </div> </div>	<h3>Korea Land Info. System</h3> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Land Info.</p> </div> <div style="text-align: center;"> <p>Map Info.</p> </div> </div> <div style="display: grid; grid-template-columns: 1fr 1fr 1fr; gap: 10px;"> <div style="text-align: center;"> <p>지적도 임야도</p> </div> <div style="text-align: center;"> <p>토지이용 계획확인서</p> </div> <div style="text-align: center;"> <p>개별공시지가 확인서</p> </div> <div style="text-align: center;"> <p>개별주택가격 확인서</p> </div> <div style="text-align: center;"> <p>공동주택 가격확인서</p> </div> </div>
<h3>Architectural administrative Info. System</h3> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Building Registration</p> </div> <div style="text-align: center;"> <p>Map Info.</p> </div> </div> <div style="display: grid; grid-template-columns: 1fr 1fr; gap: 10px;"> <div style="text-align: center;"> <p>건축물대장 (총괄표제부)</p> </div> <div style="text-align: center;"> <p>건축물대장 (일반건축물)</p> </div> <div style="text-align: center;"> <p>건축물대장 (집합표제부)</p> </div> <div style="text-align: center;"> <p>건축물대장 (집합전유부)</p> </div> </div>	<h3>Real Estate Registration System</h3> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Land Registration</p> </div> <div style="text-align: center;"> <p>Architecture Info.</p> </div> </div> <div style="display: grid; grid-template-columns: 1fr 1fr; gap: 10px;"> <div style="text-align: center;"> <p>토지등기부등본</p> </div> <div style="text-align: center;"> <p>건물등기부등본</p> </div> <div style="text-align: center;"> <p>집합건물등기부등본</p> </div> </div>

“Real Estate comprehensive registration system”

고유번호 1111010100-1-0160005		부동산종합공부(토지, 건물)				일반여부	장번호	1-1
소재지	서울특별시 중포구 청문동	지번	398-11 외 1	건축물명칭	한국물산	동명칭	1동	
토계 표시		건물 표시						
소재지	지번	지목	면적(㎡)	용지지가	지면/지구등	대지면적(㎡)	10,650	건물 표시
청문동	398-11 10014지		13,231	9,254,000	일반상업지역	건축면적(㎡)	7,254	구조
청문동	398-13 10014지		3,656	7,255,000	일반상업지역	연면적(㎡)	145,090	층수도
					높이(m)	42	42	지붕
					부속건축물	1동 / 15,600㎡	1동	사용승인일
					주택가격			2008.10.16
					주요자			층수
								가구,새대
토지/건물	지번	변동일자	변동원인	등록번호	생원 또는 멸칭	소유자분	주소	소유구분
토지/건물	398-11	2008.10.11	소유권보존	110125-1231234	(주)한국물산	1/1	서울특별시 중포구 청문동 398-11	법인
토지/건물	398-13	2008.10.11	소유권보존	110125-1231234	(주)한국물산	1/1	서울특별시 중포구 청문동 398-11	법인

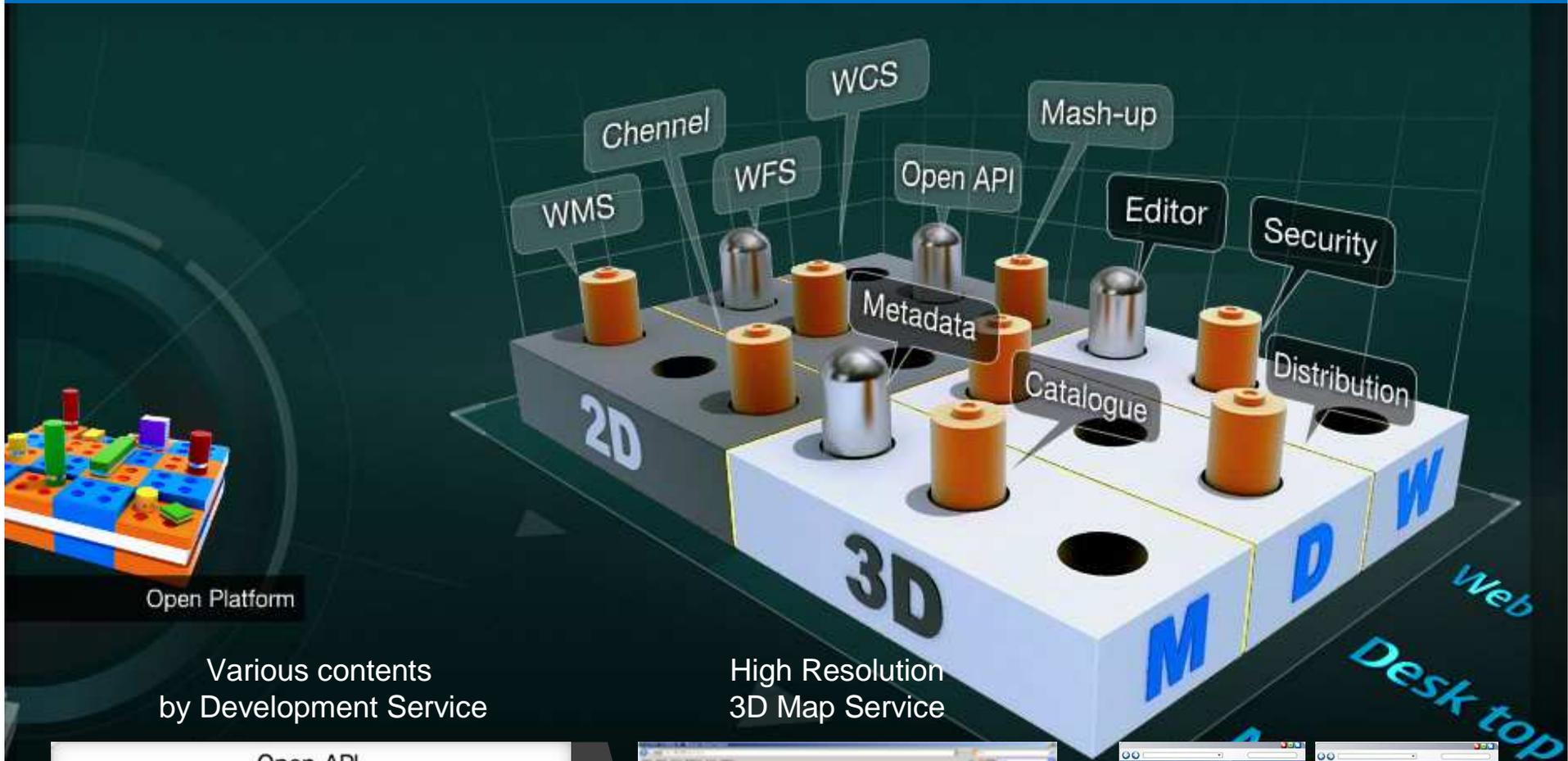
계획도

배치도

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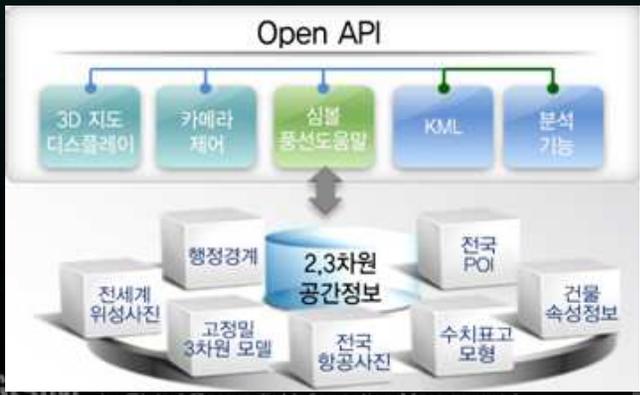
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2010년 4월 15일
서울특별시 용산구청장



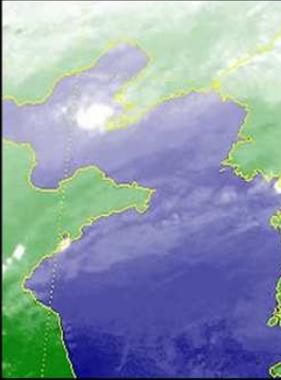
Open Platform

Various contents by Development Service

High Resolution 3D Map Service



Bad Weather



Localized Heavy rain



Information Collection / Analysis



Forecasting



Situation Alert



Termination



Heavy snow

Heavy snow



Early Warning



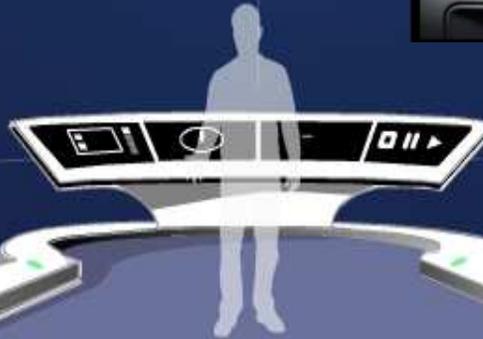
Forecasting



Detour Guide



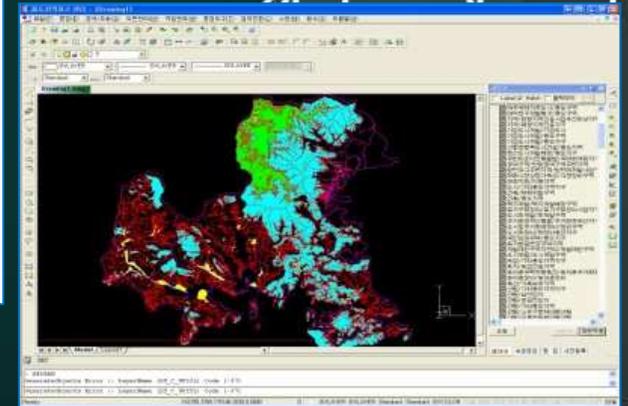
Detour Guide



Internet browsing for issuing Civil service



Spatial data management system



Land administrative system



Land study Web management system



Internet civil service



Land information search system



Commitment

- Share the goals with each nation's government and company

Issue Focusing

- Select issues that need to get solved and concentrate on them

International Agreement

- International agreement
- Local system improvement
- Standard

Leadership

- Lead Cooperation
- Adjust Opinions

Commitment

- Jointly develop service platform

Issue Focusing

- Build and Share data

International Agreement

- Establish master plan

Leadership

- Establish governance for global geospatial data utilization

UN



- Establish UN-centered governance for global geospatial information
- Take the lead in establishing a master plan of global geospatial information use
- Invest in geospatial information projects for developing countries, jointly with ODA

Government



- Push for active sharing of public geospatial data
- Encourage compliance with the global standards (ISO, OGC) in the field of geospatial information

Enterprise



- Jointly develop a platform for global geospatial information service (Joint Product)
- Support developing countries in geospatial information development project
- Build a cooperative and collaborative working framework among companies