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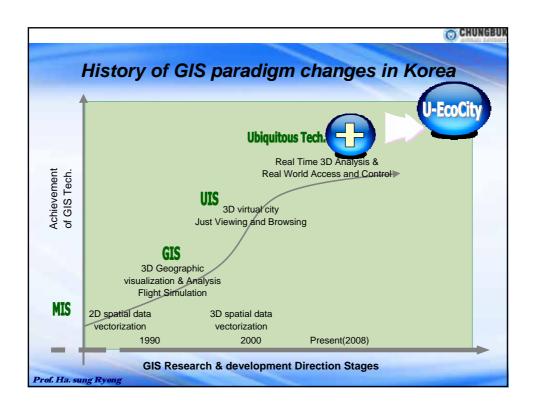
Objectives

 Orientation on National R&D and Major projects related to Geographic Information System in Korea.

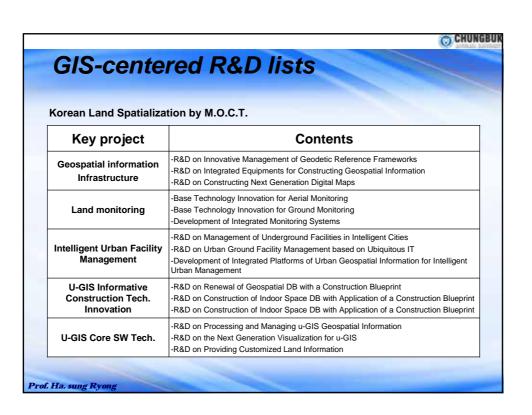
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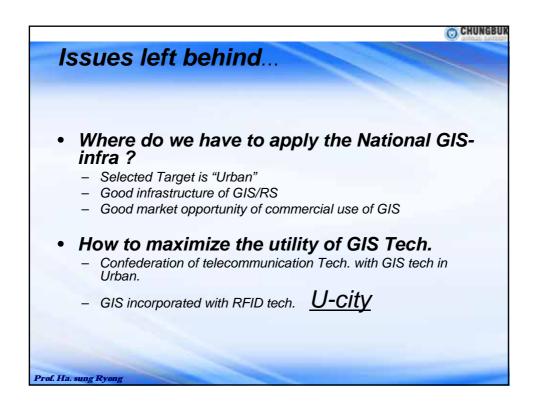
- Directives to improve U-Eco city application based on GIS in Korea.
- Projection of the Potential applicable fields.

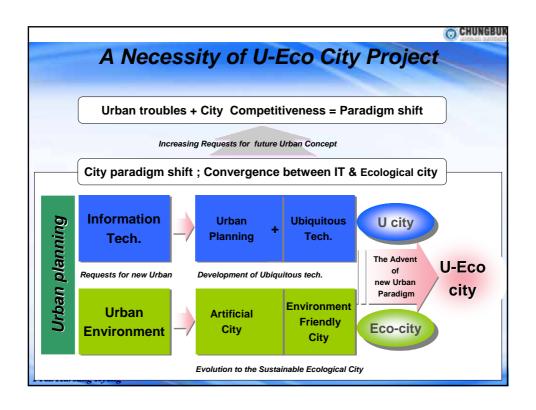
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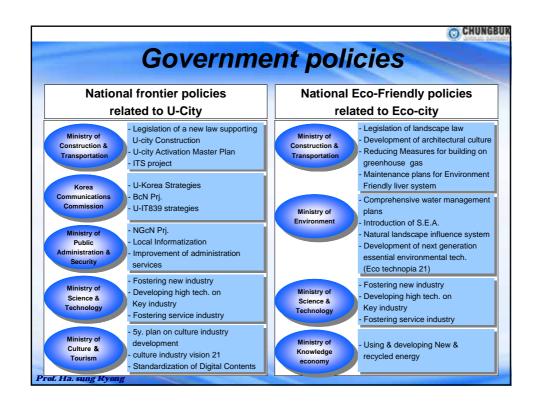




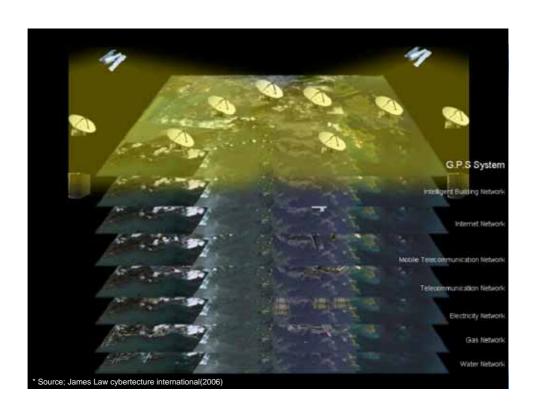


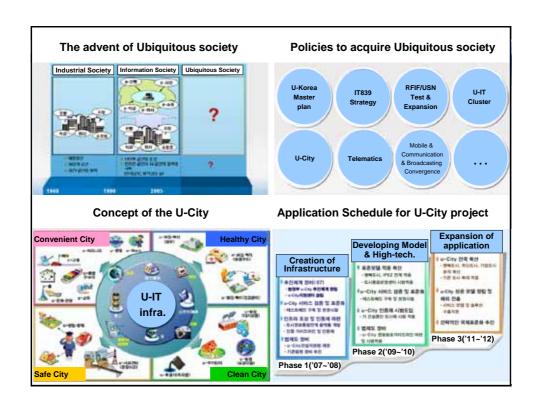


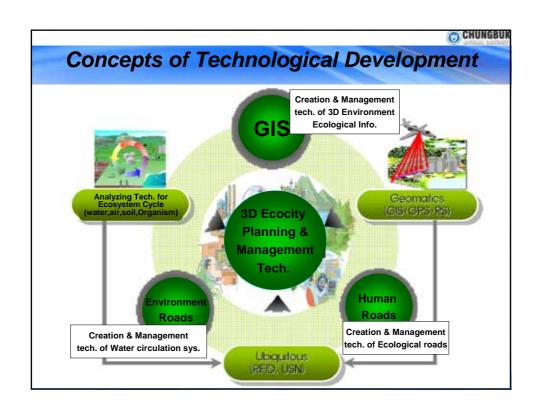


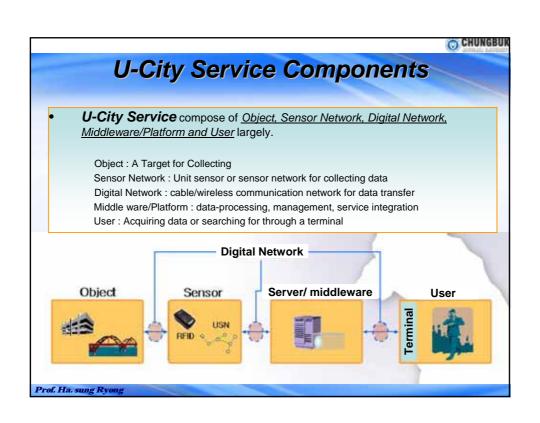




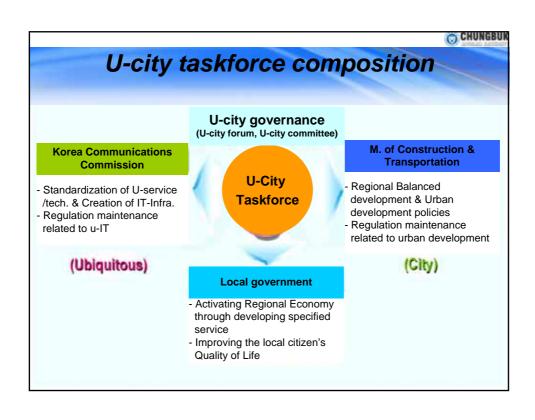


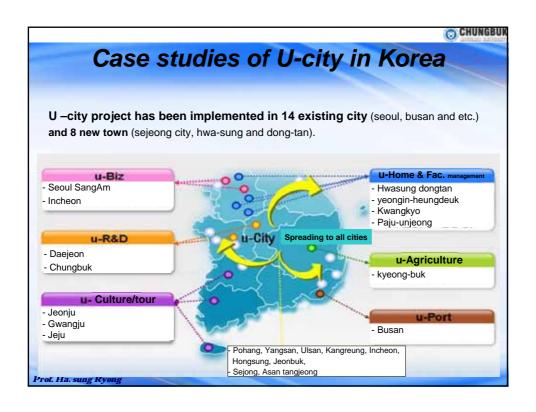


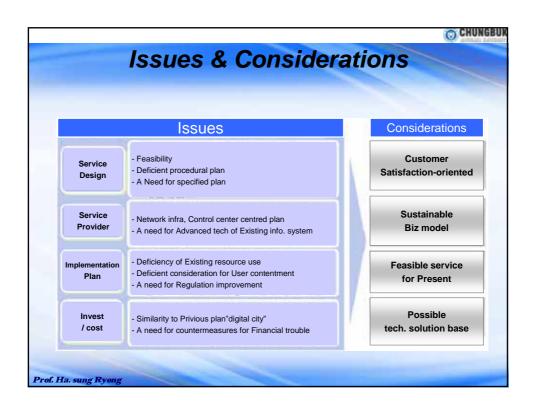




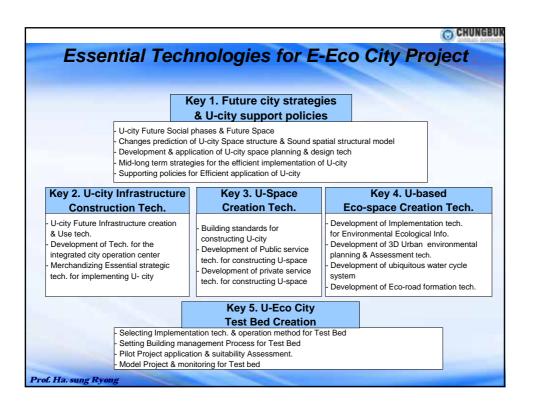


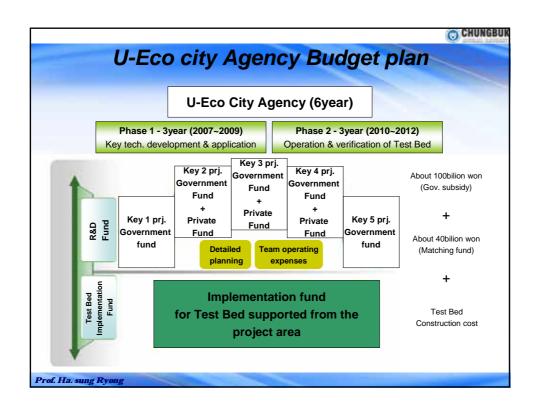


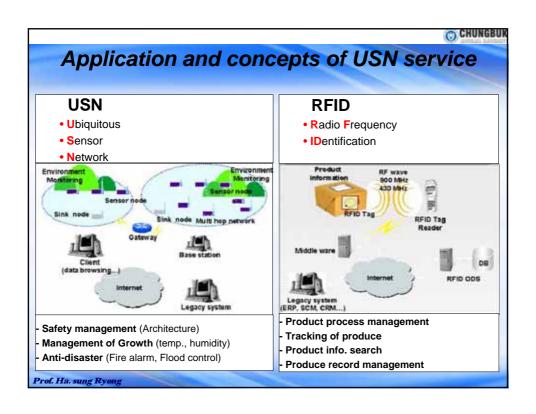




Principle issues	
Overestimated U-City	- U-city offered by Urban supplier is "Public service " - User expect SF level private service by misconception.
Deficient Financial resource of local gov.	Decrease of population in local society cause financial difficulties U-city has been selected as a Future city model but financial trouble prohibit continuous implementation.
Limitations by regulation	- Enormous budget is need to set up and operate Revenue-making business is needed for sustainable operation - Various regulations hinder business.
Deficient Professional workforce & Organization	Insufficient professional workforce (administration + urban planning + Information & communication + consulting) Operating Organization for U-city is not prepared in local gov.







Confronted obstacles for U-Eco city

- A need for streamlining heavy DB
- A Request for Implementing Ecological & sustainable U-Eco city
- Exploiting applicable fields based on enduser's demand

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Applicable Fields for U-Eco City related to Water resources

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- HyGIS (Hydro Geographic Information System) Project in NewFrontier
- Security Management using Water quality Modeling incorporated with tele-monitoring system

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