



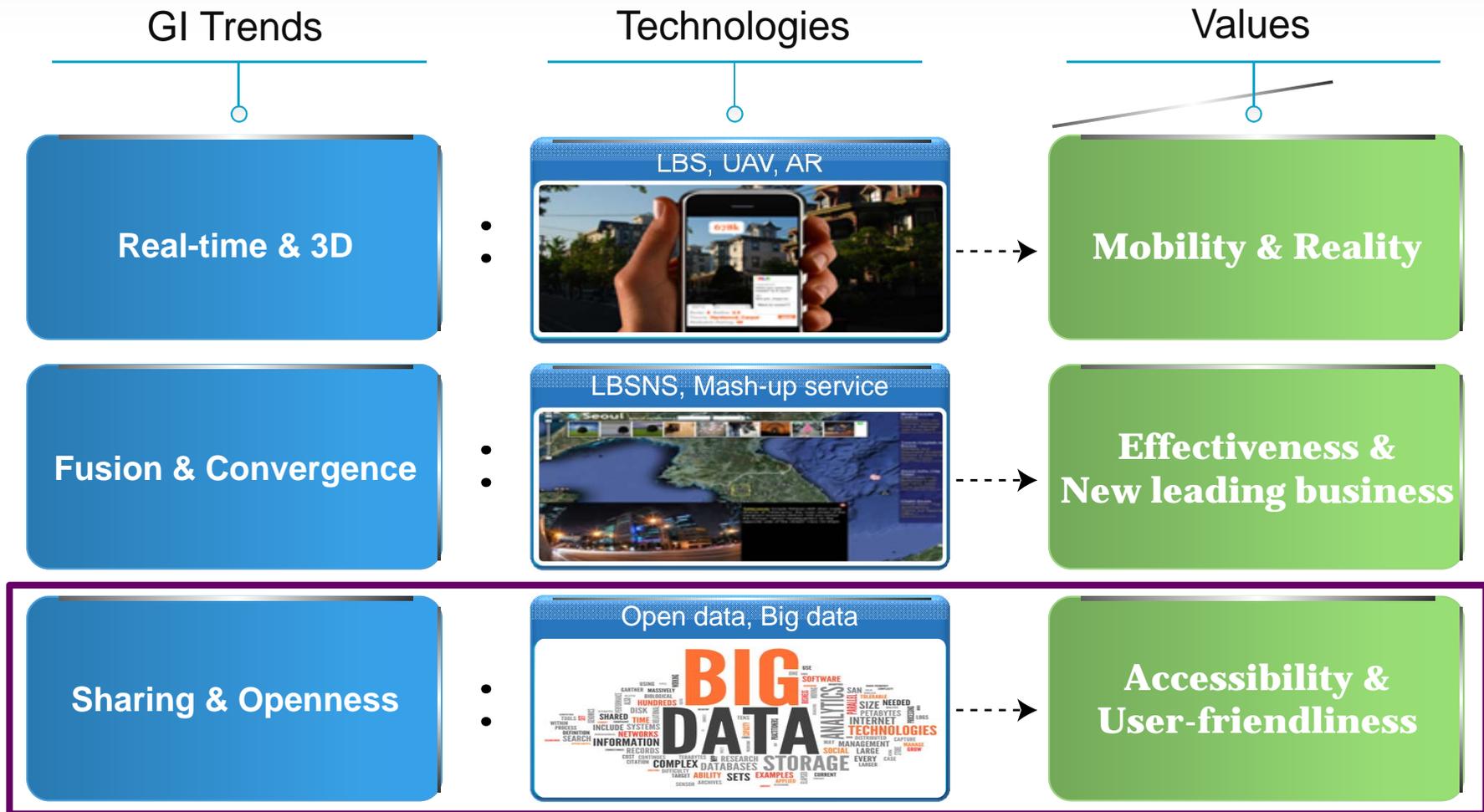
# Empowering Citizens' Observatory Enhancing Geo-data Connectivity

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24 October 2014

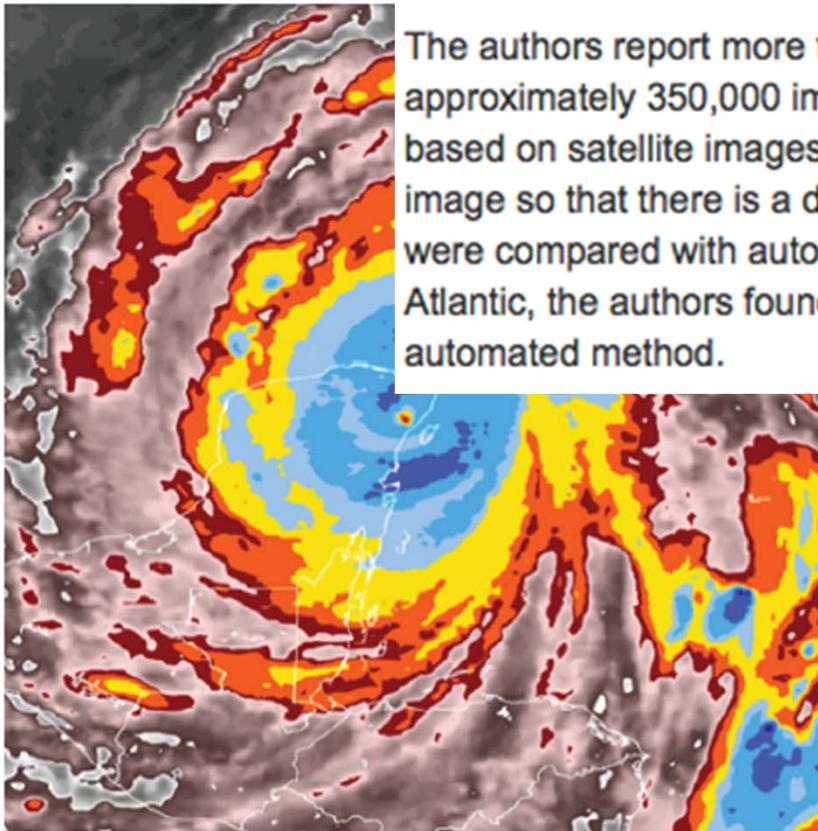
# Emerging trends in GI



# Measuring from the Public

## Citizen scientists classify storms for the Cyclone Center

Massive crowdsourced identifications of cyclones are helping scientists classify storms



Cyclone Gilbert, September 14, 1988 top-of-cloud temperatures.

The authors report more than 7,500 volunteers have sifted through approximately 350,000 images. Each citizen scientist classifies a storm based on satellite images. Multiple classifications are given for each image so that there is a degree of redundancy. When the classifications were compared with automated methods and aircraft data from the Atlantic, the authors found that in some cases, the crowd outperforms the automated method.

Source

**theguardian**



Posted by  
**John Abraham**  
Thursday 25 September  
2014 14.00 BST  
[theguardian.com](http://theguardian.com)

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(25)

# Volunteered Movement in Korea

## **Saemaeul Movement** for rural small villiage

- Rapidly industrialising, but the small villages in poverty.
- Slogan : Diligence, Self-helping and collaboration
- Encourage community members to participate in the development process



# WHAT TO DO ?

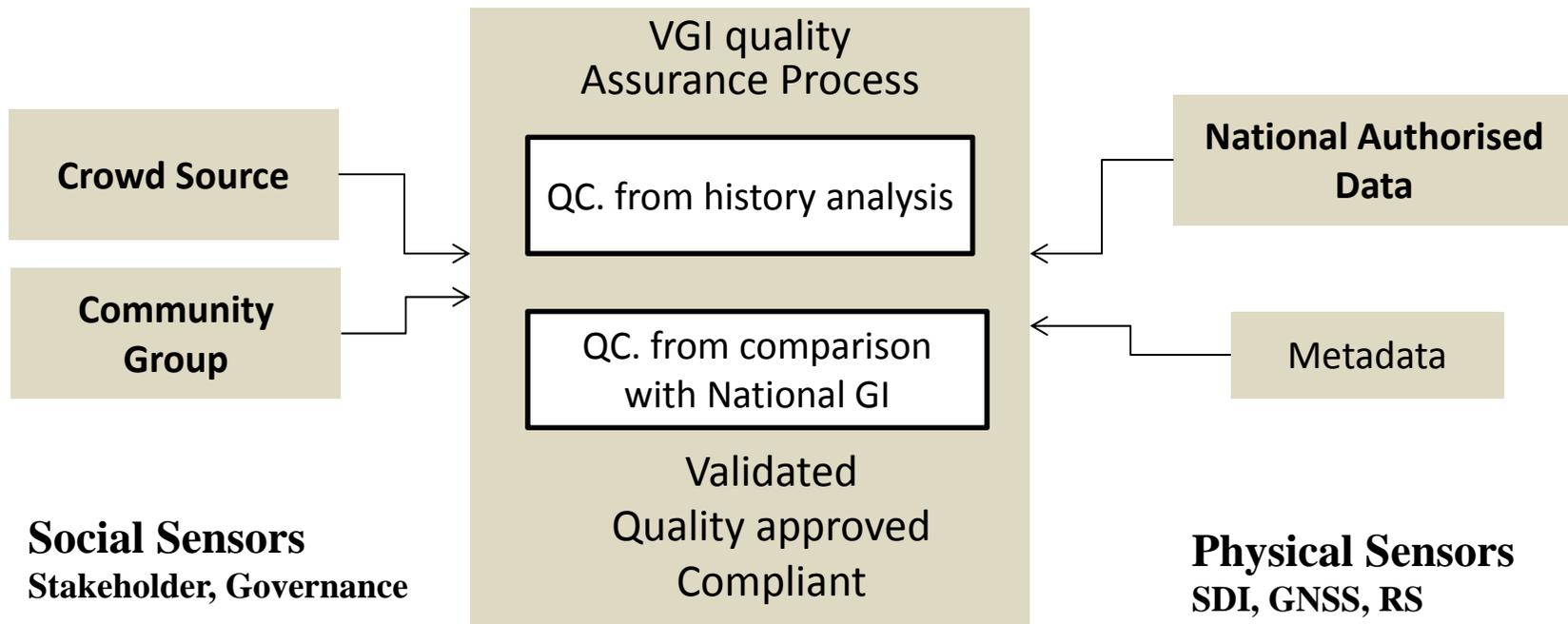
1. Understand from citizen's geospatial experiences and expectations
2. Raise geospatial awareness capacity in the community and society
3. Stimulate stakeholder groups' participation in societal decisions
4. Provide a transparent link between citizens and the decision-making process

# VGI & Quality Assurance

## CrowdSourcing

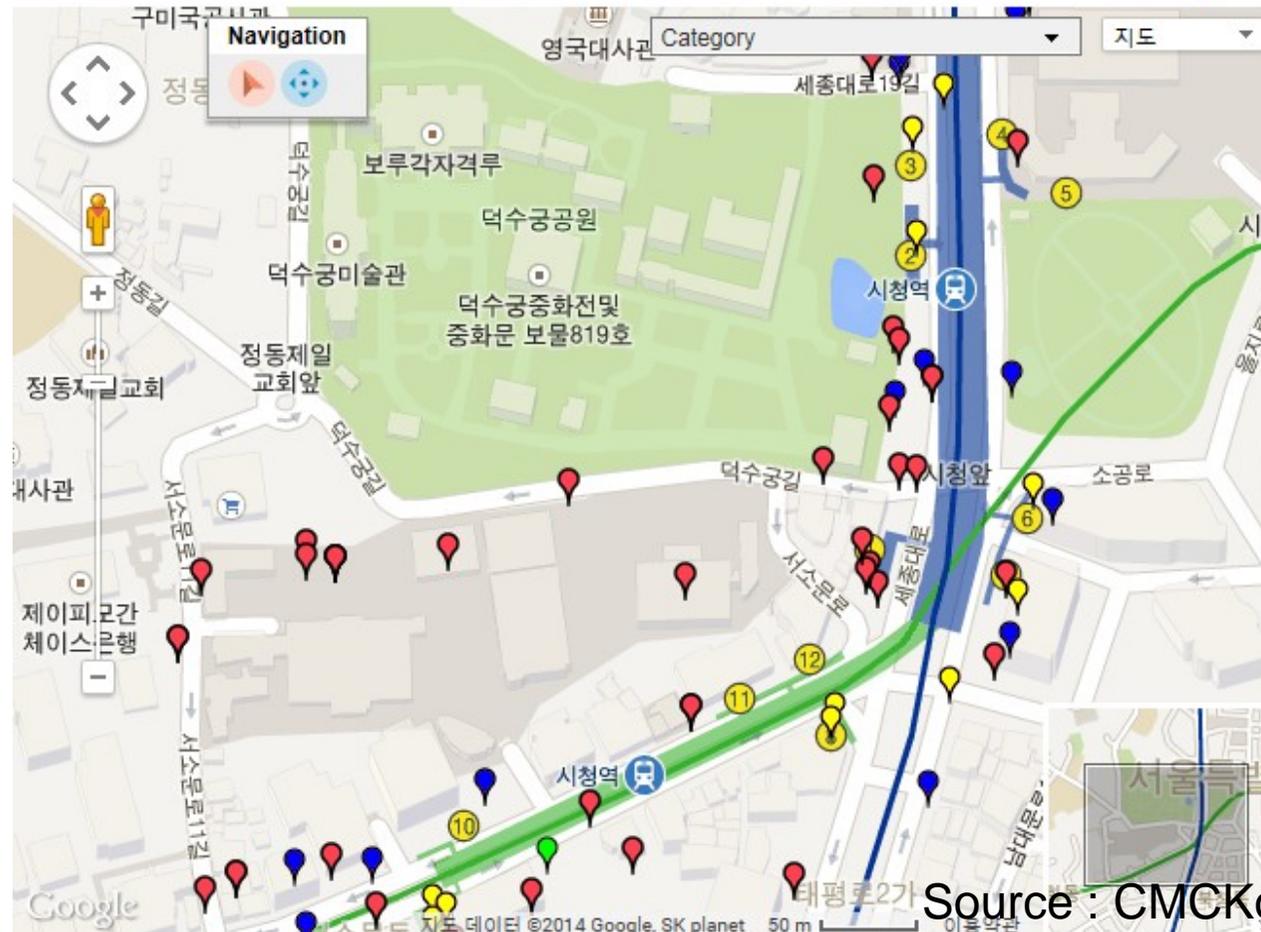


**High Velocity, but  
Quality Concerns,  
Need to Support !**



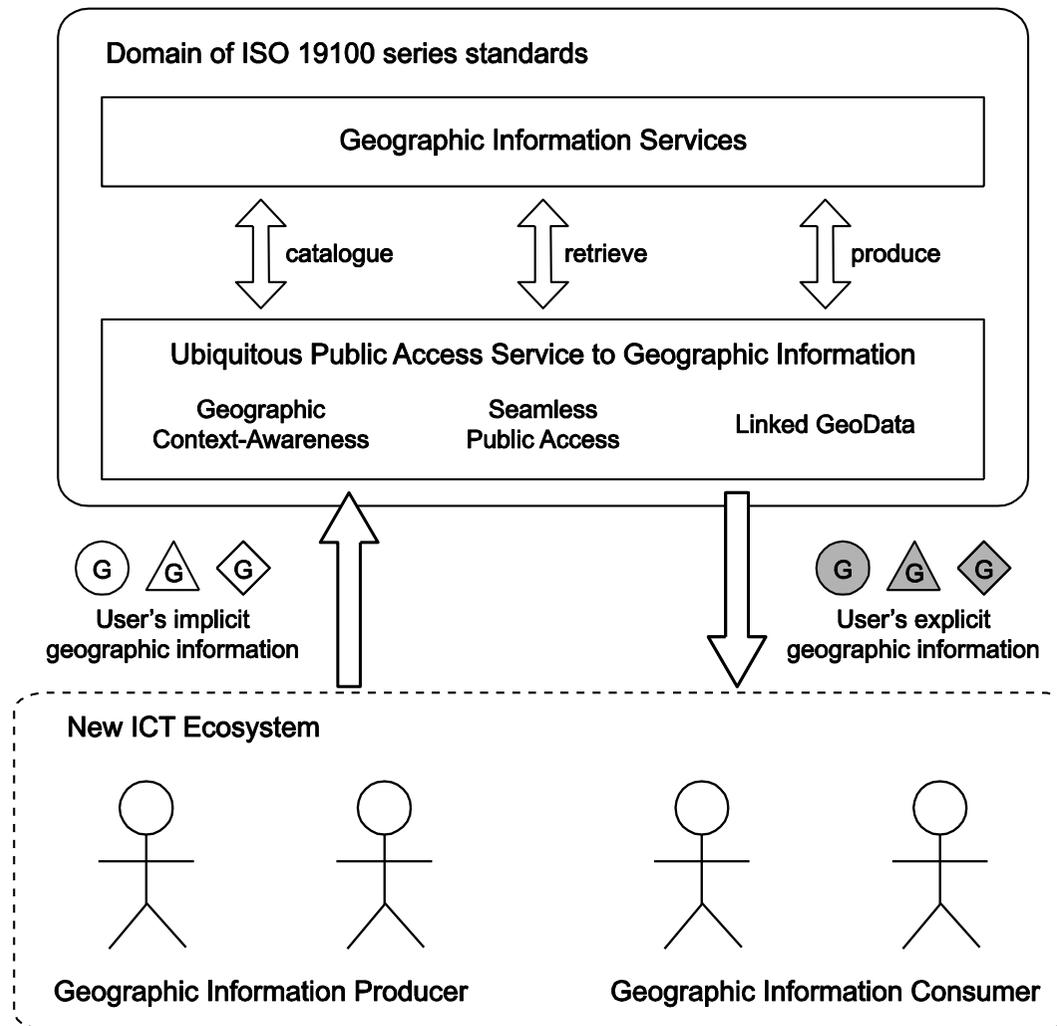
# Holistic Approach

## Accessibility Community Map for the Diable People in Seoul City



Source : CMCKorea.org

# Standardisation for Connectivity

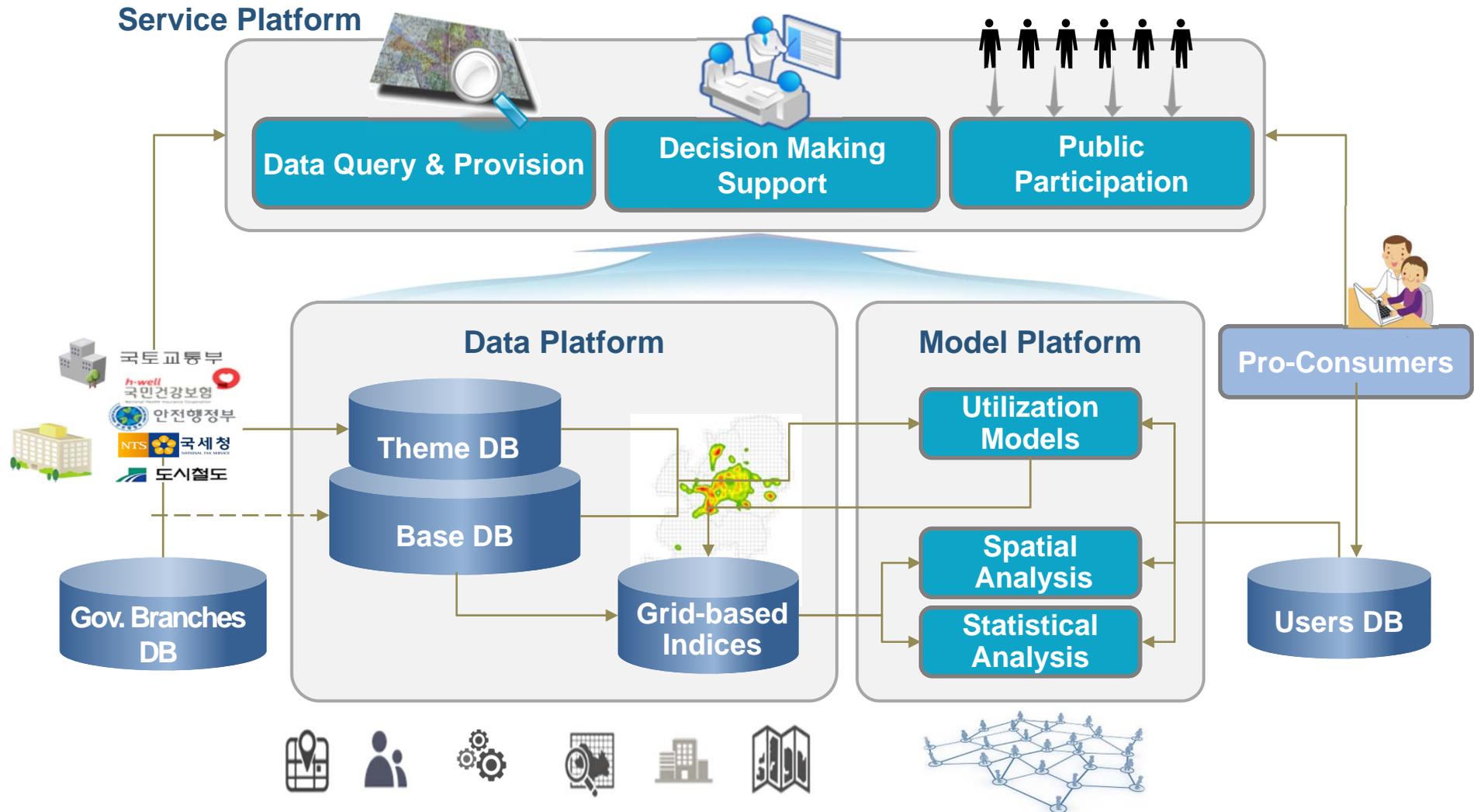


**Ease to Use**  
**Ease to Access**  
**Linked Data**

**ISO/TC211**  
**OGC**  
**IHO**

**ISO 19154 GI – Ubiquitous Public Access – Reference Model**

# Evidence-based Decision Making



**Grid-based Statistical Mapping System  
for Spatial Decision Making Support in Korea**



**Empowering Citizens' Observatory  
Enhancing Geo-data Connectivity**

**THANK YOU  
FOR LISTENING!**