Government 3.0 concept in Korea:
open government, open data-based service economy
Agenda

Introduction of Government 3.0
Motivation and Vision
Strategies

Discussion:
Issues and Provision
People’s national **credibility** comes from the **clean, transparent and efficient** government - 2013.2.25 (President’s Inaugural address)

- The **open** public information will activate/enhance the nongovernmental creativity.
  - Please support the open information and its more broad bandwidth in order for the private sector’s easy access and utilization.

- **Each** ministry opens its plan how and how much the public information should be open, and inter-governmental information sharing should be.

- "**Openness**" is the starting point of protecting from the **corruption** and mistake.
  - When all of details about kindergarten is open, parents can select properly and also its private service will do better.

- **Through the people’s eye, from the people’s standpoint, people-centered administration:**
  - Do not let the people visit for their need; before the people’s visiting to the government, check the inconveniency and difficulty, make one-stop (preemptive) service
Motivation of Government 3.0

• Change & Challenge
  – Economic Renaissance Momentum in the Low growth rate structure (employment rate, richness polarization)

• Complex social problem
  – Inter-national, Inter-ministry cooperation
  – E.g., Weather-environment change, Energy-food deficiency, Minus population growth

• Government-citizen relationship change Toward Knowledge-Information society
  – From one-direction to collaborative bi-directional relation
  – Mobile-SNS enables the easy policy participation
  – Transparency need.

• New Opportunity by the Knowledge-Technology convergence/fusion revolution
  – ICT will enable the complex policy solution and customized service
National (people’s) Happiness Increase Mission against the current states . . . :

• Public information access constraints blocked the Policy Transparency and Accessibility
  – www.transparency.org
  – CPI (Corruption Perceptions Index): the 45th (2012)

• Wall among intra-government made limit the timely and efficient operation
  – IMD (International Institute for Management Development, Lausanne)

• People’s Low Satisfiability
  – GNH (Gross National Happiness)
  – The 97th (2012, USA Gallup survey)
National Happiness

Goal
- Customized Service
- New Industry and Momentum

Strategy
- Transparency
- Service-centered
- Efficiency

Value
- OPEN
- SHARING
- COMMUNICATION
- COLLABORATION
## Paradigm shift

<table>
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<tr>
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<th>Government 1.0</th>
<th>Government 2.0</th>
<th>Government 3.0</th>
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<tr>
<td><strong>Management</strong></td>
<td>Government-centered</td>
<td>Private-centered</td>
<td>People Individual-centered</td>
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<td><strong>Core Value</strong></td>
<td>Efficiency</td>
<td>Democracy</td>
<td>Extended Democracy</td>
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<td><strong>Participation</strong></td>
<td>Government-leading/pushing</td>
<td>Limited Open and Participation</td>
<td>Active Open-Participate-Share-Communicate-Collaborate</td>
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<td><strong>Service</strong></td>
<td>One-directional</td>
<td>Bi-directional</td>
<td>Bi-directional Customized</td>
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<td><strong>Channel</strong></td>
<td>Visiting</td>
<td>Internet</td>
<td>Wireless Internet, Smart mobile</td>
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• People’s “Right to Know” Condition Satisfied by Active Open Public Information
  – Paradigm shift from ‘Supplier-view’ to ‘Private-view’
  – Fact as it is, for the whole process, in the private view
  – Data with Big impact on the people Life
  – Project Data with Big Budget
  – Audit and Check Data like Budget evaluation
  – Data with Big Open Impact, by Proactive opening, from the People’s View
• **Active Private Utilization of Public Data**
  – Stepwise opening
    • Transportation, geography, weather public data
      – 1,005 (2012) → 6,400 (2017)
    • Open API for dynamic data: 35 (2012) → 150 (2017)
  – Public data survey
    • Open 5 year roadmap planning
    • Economic impact survey by public data opening
  – New business model and success story generation
    • The second Venture boom motivating
  – Data Governance for public data to be more private utilization
    • One-stop channel: [http://data.go.kr](http://data.go.kr)
    • Law for “Public data provision and utilization activation” (June, 2013)
Strategy 2: Efficient Working Government (1/2)

- **Wall** removal among inter-government
  - Disaster management and decision support
  - Tax Data One-stop
  - Standardization
  - Controversy issue management
  - Collaborative project support

- Government Opinion communication system
- Digital Remote collaboration system
- Cloud computing environment for knowledge-information sharing base
• Scientific Government through **Big Data**
  – National Future Policy
  – Data-based Scientific Policy
    • Criminal, Disaster, Traffic Accident Minimization
  – Big-data based system for inter-governmental sharing
Strategy 3: People-centered Service Government

- **Customized Service and One-stop channel**
  - One-stop Welfare service
    - Birth register → Data care expense → Vaccination plan
    - Ministry of Welfare + Ministry of Labor + Ministry of Security and Administration
  - Customized Service
    - Tax-penalty
    - Disaster recovery

- **Venture and Industry One-stop service**

- **Removal of Information-dividened**
  - Well-being hub = Local citizen center
  - Web accessibility for Disabled and Aged

- **Customized service by New ICT**

- **http://data.go.kr/**
• **Problem: “Open Data” inside of Each System**
  - How to know the people’s viewpoint
    • How to make customized data opening
    • Sharing and Participation:
      - Public-Private-People’s SCM
  - **Information Cloud**
    • Standardization of Public Data
  - **IT infrastructure re-configuration**
    • Information security
    • Individual platform – standardization – terminal:
      - Systematic reconfiguration
• Problem: “Open” vs. “Sharing”
  – Impact on the Politics, Industry and People Life
  – Job/Employment Generation through New Service
• Problem: “Consumer”-centered information service
  – People-centered (consumption) life service
• Problem: creative fusion of services vs. standardization
  – Information cloud through “Linked Data”
  – Vs. Mashup service using non-standardized Individual open data

• IT infrastructure re-configuration
  – Platform, standardization, terminal – systems
  – Information security
• Projects and experts for Government 3.0
  – Information Standardization
  – Linked Data
  – Creative fusion of knowledge service
  – Information security
  – IT infrastructure
  – Internet service
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<tr>
<th>Key-Sun Choi</th>
<th><a href="mailto:kschoi@kaist.ac.kr">kschoi@kaist.ac.kr</a></th>
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<tr>
<td>Hojin Choi</td>
<td><a href="mailto:hojinc@kaist.ac.kr">hojinc@kaist.ac.kr</a></td>
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