ICT-Enabled Response
to the Changing Legislative Environment

December 4, 2018
Geneva, Switzerland

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Contents

1. Informatization Vision
2. Informatization Timeline
3. Changing Legislative Environment
4. ICT-Enabled Response
5. Concluding Remarks
1. Informatization Vision

Smart Parliament

- Open Parliament
- Electronic Parliament
- Mobile Parliament
2. Informatization Timeline

- **1991**: Office Automation
- **2001**: Open Parliament
- **2006**: Electronic Parliament
- **2011**: Mobile Parliament
- **2017**: Smart Parliament
- **2018**: Intelligent Parliament

**WEBSITE**
**ONLINE NEWS CHANNEL**
**LEGISLATIVE INFORMATION**
**BILL INFORMATION**
**MINUTES**
**INTERNET BROADCASTING**
3. Changing Legislative Environment

<table>
<thead>
<tr>
<th>Changes</th>
<th>Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>More vibrant interaction with the public on legislative activities</td>
<td>Online news channel driven by a growing number of smartphone users</td>
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<td>Public sector relocation to provincial regions</td>
<td>Video-conferencing connecting the National Assembly with government offices to remove administrative inefficiency</td>
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<td>Greater access to legislative information for the hearing-impaired</td>
<td>VOD and live streams captioning service</td>
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<tr>
<td>Growing number of bills introduced</td>
<td>Intelligent information services to improve quality of legislation</td>
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</tbody>
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4. ICT-Enabled Response

1) Online News Channel (NAON)

- Development Cost: $900,000
- Launch Date: October, 2015
- Articles per Month: 80 to 100
- Visits (2018): Approx. 132,676

※ The launch of NAON has contributed to reducing the printed copies of the National Assembly Monthly Journal from 30,000 to 10,000, saving $700,000.
Users can access news items on NAON in web portals and news sites.

Users can spread information and share views on the National Assembly via their social media.
4. ICT-Enabled Response

1) Online News Channel (NAON)
4. ICT-Enabled Response

2) Video Conferencing with Government Offices

- It supports efficient cooperation with government offices & agencies, local governments and other public bodies.
- It links the systems of the National Assembly and the administration.

The systems can link NA with 497 organizations including government offices, local governments & other public bodies.
4. ICT-Enabled Response

2) Video Conferencing with Government Offices

The systems can be used for committee meetings, bill review and consultation.
4. ICT-Enabled Response

3) VOD & Live Streams Captioning

※ Captioning service cost: $1.06 million per year
4. ICT-Enabled Response

3) VOD & Live Streams Captioning

- For key plenary sittings only
- 3 typists for real-time captioning

- For all meetings
- Captioning through video-minutes text synchronization
- Patented technology
- 1 additional operator in charge

※ System Installation Cost: $56,600
4. ICT-Enabled Response

3) VOD & Live Streams Captioning
4. ICT-Enabled Response

4) Intelligent Legislative Information Service

- Growth in Bills Introduced

- Introduced
- Estimated

- Quantitative evaluation of Members’ legislative activities by Civil Society Organizations (CSOs)
- Growing voters’ interest in Members’ legislative activities
- Bills introduced expected to rise four-fold between 17th NA and 20th NA
- Declining bill passage rates: 51%(17th NA) → 22%(20th NA)
4. ICT-Enabled Response

4) Intelligent Legislative Information Service

○ Legislative Process

- Drafting assistance
  - Bill preparation
  - Bill review
  - Review of government bills

- Bills introduced by Members

- Bills introduced by the government

  - Proceedings Bureau
    - Receipt-Referral

  - Committee
    - Committee Consideration
      - Review report
      - Final report

  - Legislation & Judiciary Committee
    - Legal Consistency Review
      - Final report

  - Consideration & Voting in Plenary Sittings

  - Transfer to the Government (Promulgation)
## 4. ICT-Enabled Response

### 4) Intelligent Legislative Information Service

(Source: Seminar on Improving the Quality of Member-Sponsored Bills in Nov. 2018)

<table>
<thead>
<tr>
<th>Issues</th>
<th>Solutions</th>
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</thead>
<tbody>
<tr>
<td>Growing number of identical or similar bills</td>
<td>• Improve search efficiency for identical or similar bills&lt;br&gt;• Provide information on similarity analysis of related bills</td>
</tr>
<tr>
<td>Lack of public consultation on proposed bills</td>
<td>• Notify government agencies and users who have registered interest of proposed legislation&lt;br&gt;• Improve public access to legislative information</td>
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<tr>
<td>More bills under consideration</td>
<td>• Provide article-by-article analysis&lt;br&gt;• Provide history of bills regarding review and deliberation</td>
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<tr>
<td>More bills to be reviewed for legality and wording</td>
<td>• Provide information on whether certain bills meet legal and formal requirements for legislative drafting&lt;br&gt;• Provide information on related cases of violation of the Constitution</td>
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### 4. ICT-Enabled Response

#### 4) Intelligent Legislative Information Service

<table>
<thead>
<tr>
<th>Major Improvement Goals</th>
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</thead>
<tbody>
<tr>
<td><strong>Division</strong></td>
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</tbody>
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| Citizens | ▪ Search by keyword  
▪ Notice-type information | ▪ Intelligent information search  
▪ Dialogue-type information |
| Members | ▪ Search through different websites  
▪ Communication by accessing each social media account | ▪ Portal customized to each Member  
▪ Communication through social media share links |
| Government Offices | ▪ Request for information on related legislation | ▪ Timely notification on related legislation |
| Legislative Drafters | ▪ Manual analysis of identical or similar bills  
▪ Manual review of legal consistency | ▪ Article-by-article comparison and analysis of related legislation  
▪ Provision of information on similar cases of consideration |
4. ICT-Enabled Response

4) Intelligent Legislative Information Service

- Improvement Goals for Citizens

  National Assembly Standing Committee

  Improvement

  Find and turn on the latest speech of KB Kim MP.

  Find legislation on punitive damages.

  Find all bills on National Assembly Act Article 54 in the past 5 years.

Who represents our district in the National Assembly?

City A is represented by 2 MPs. Click on the photo of the MP for detailed information.

What's the current state of MPs?

I want to talk to my representative.

What kind of work does an MP do?

Members of NA
4. ICT-Enabled Response

4) Intelligent Legislative Information Service

 Improvement Goals for Members

Kang Kil-bu, MP
Independent

Schedule in October

- 2018 Parliamentary Audit (Intelligence Committee): Oct.30-31
- Subcommittee on Bill Consideration: Oct.15 15:00
- Subcommittee on Budget and Public Accounts: Oct.16 09:00

Research & Analysis Data Requests

<table>
<thead>
<tr>
<th>Request</th>
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<th>Request Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Library</td>
<td>President Moon Jae-in's Audience with Pope Francis</td>
<td>2018. 10.11</td>
<td>Request Received</td>
</tr>
<tr>
<td>Research Service</td>
<td>Defense Costs</td>
<td>2018. 09.11</td>
<td>Request Answered</td>
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</tbody>
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Request Content

- President Moon Jae-in's Audience with Pope Francis
- Defense Costs

Date Status

- 2018. 10.11: Request Received
- 2018. 09.11: Request Answered
4. ICT-Enabled Response

4) Intelligent Legislative Information Service

○ Improvement Goals for Government Offices

As-is

Government Offices

Reactive

①

②

To-be

Government Offices

Proactive

①

②

Acts

Bills

Minutes
4. ICT-Enabled Response

4) Intelligent Legislative Information Service

〇 Improvement Goals for Legislative Drafters

Article-by-Article Search & Comparison

Article-by-Article Comparison between the Current Act and the Past Amendments (e.g. National Assembly Act)

Current Act

Article 123(Submission of a Petition) ① Those who wish to file a petition with the National Assembly shall proceed through a Member’s Office.

Amendment 2015029

Article 123(Submission of a Petition) ① Those who wish to file a petition with the National Assembly shall submit a letter of petition(including an electronic file pursuant to the E-Government Act Article 2.7.).

Amendment 2013400

Article 123(Submission of a Petition) Those who wish to file a petition with the National Assembly shall submit a letter of petition.

Support for Legal Consistency Review

Article 33.2(Employers’ Duty to Give Priority for Job Openings)
① Employers that are subject to Article 30.2. shall give priority within 3 to 8 percent of their job openings to persons of national merit for more than the proportion of employment set by the Presidential Decree.

Recommendation: 3 to 8 percent and less
5. Expected Outcomes

1. Make legislative information services more user-friendly

2. Strengthen the capacity of Members to utilize legislative information and interact with the public

3. Assist government offices in accessing and responding to information on related bills

4. Improve productivity of legislative drafters - in searching, editing and analyzing legislative information
Concluding Remarks

Development of Parliamentary Democracy

Communications  Citizen Engagement  Efficiency

Intelligent National Assembly