



Inter-Parliamentary Union
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THE NATIONAL ASSEMBLY OF
THE REPUBLIC OF KOREA

ICT-Enabled Response to the Changing Legislative Environment

December 4, 2018
Geneva, Switzerland

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1. Informatization Vision

Smart Parliament

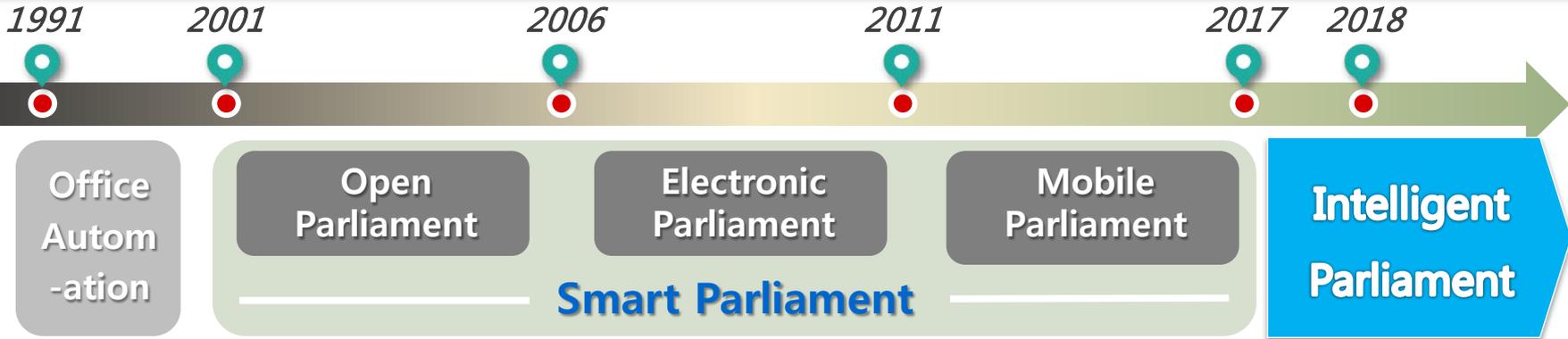
Open
Parliament

Electronic
Parliament

Mobile
Parliament



2. Informatization Timeline



WEBSITE
ONLINE NEWS CHANNEL
LEGISLATIVE INFORMATION
BILL INFORMATION
MINUTES
INTERNET BROADCASTING



3. Changing Legislative Environment

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

4. ICT-Enabled Response

1) Online News Channel (NAON)



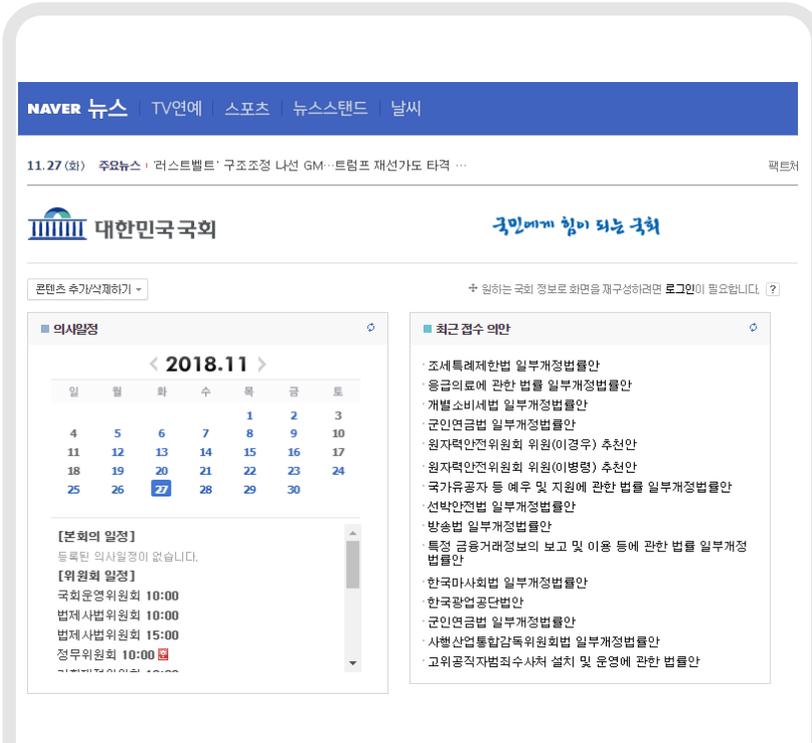
NAON.go.kr
National Assembly **ON**line media

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

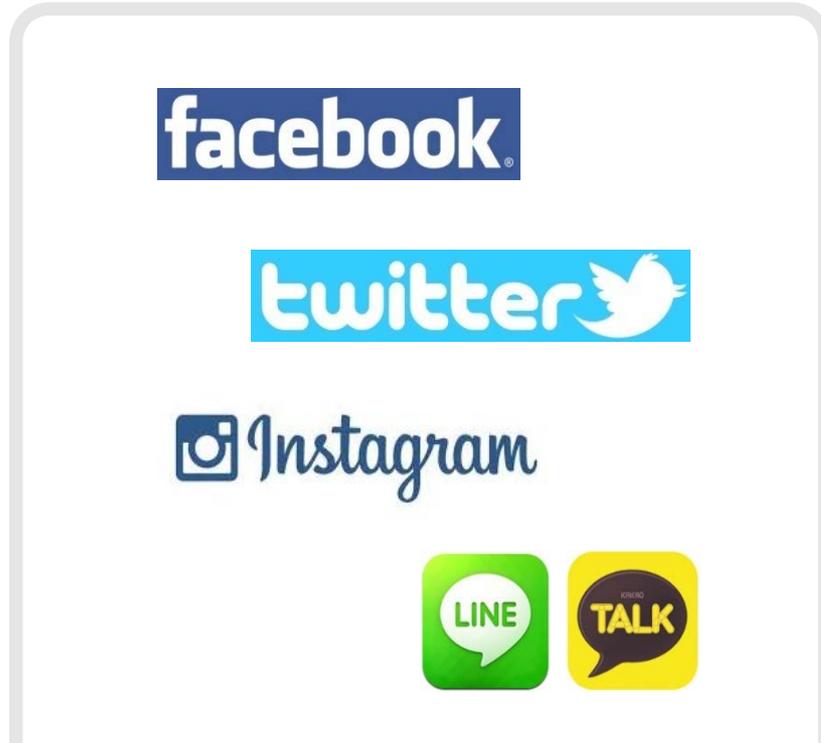
※ The launch of NAON has contributed to reducing the printed copies of the National Assembly Monthly Journal from 30,000 to 10,000, saving \$700,000.

4. ICT-Enabled Response

1) Online News Channel (NAON)



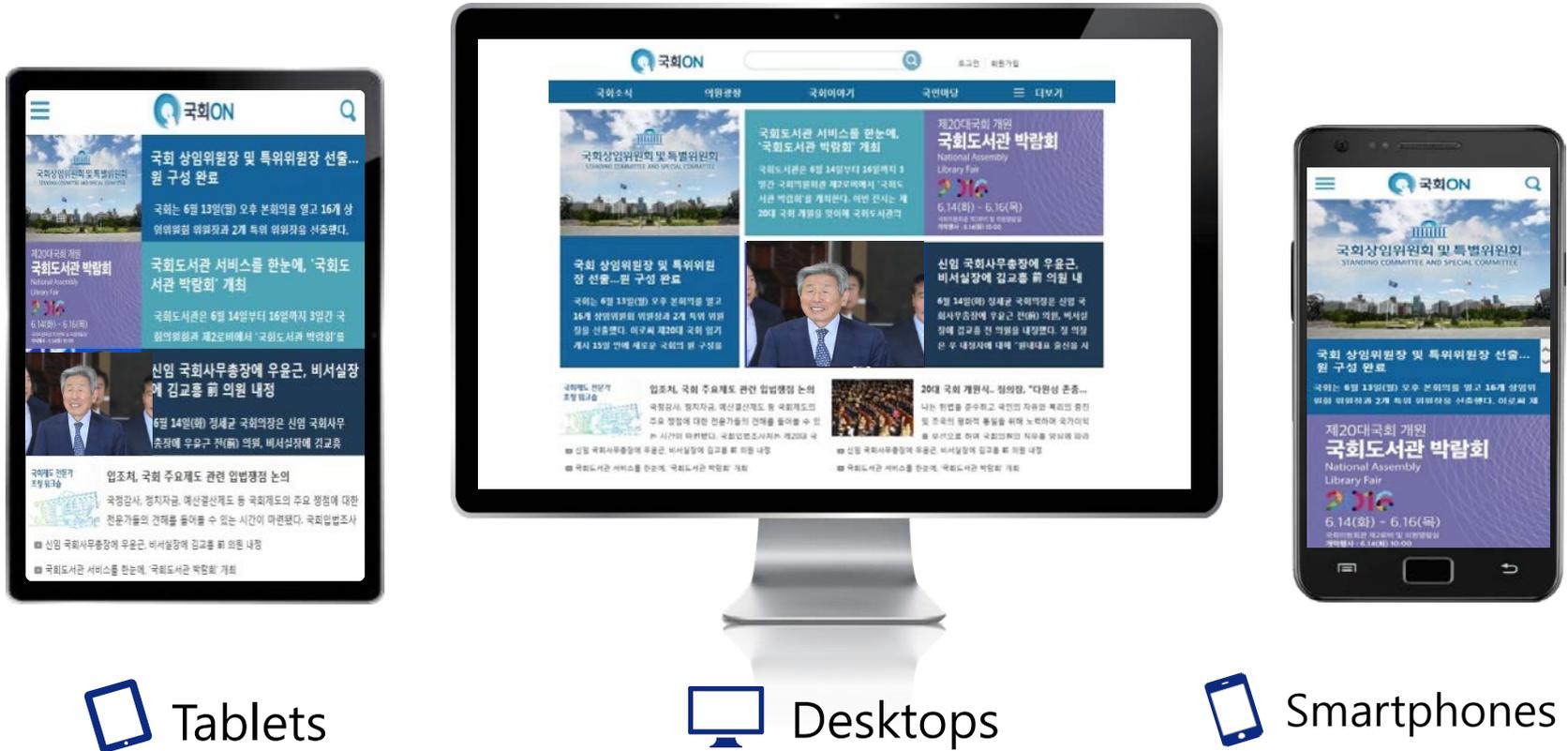
 Users can access news items on NAON in web portals and news sites.



 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.



4. ICT-Enabled Response

2) Video Conferencing with Government Offices

Video Conferencing Rooms



Video Conferencing via PCs



The systems can be used for committee meetings, bill review and consultation.

4. ICT-Enabled Response

3) VOD & Live Streams Captioning



Internet Broadcasting

LIVE Streaming



VOD



Plenary Chamber



Committees(18 in total)

※ Captioning service cost: \$1.06 million per year

4. ICT-Enabled Response

3) VOD & Live Streams Captioning



Internet
Broadcasting

LIVE + Captions
Streaming

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



VOD + Captions
Streaming

- 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

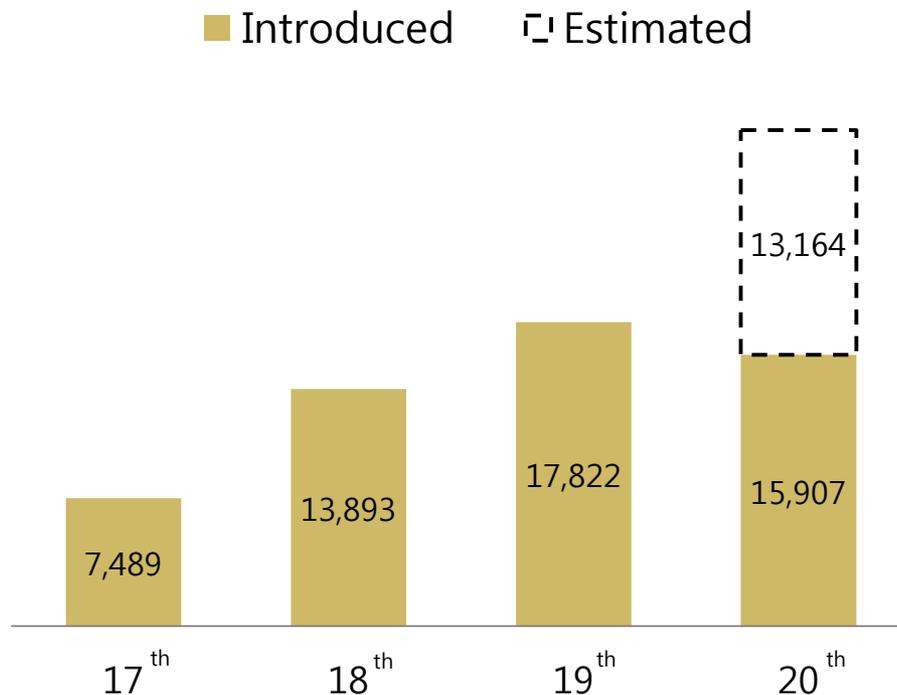
3) VOD & Live Streams Captioning



4. ICT-Enabled Response

4) Intelligent Legislative Information Service

○ Growth in Bills Introduced

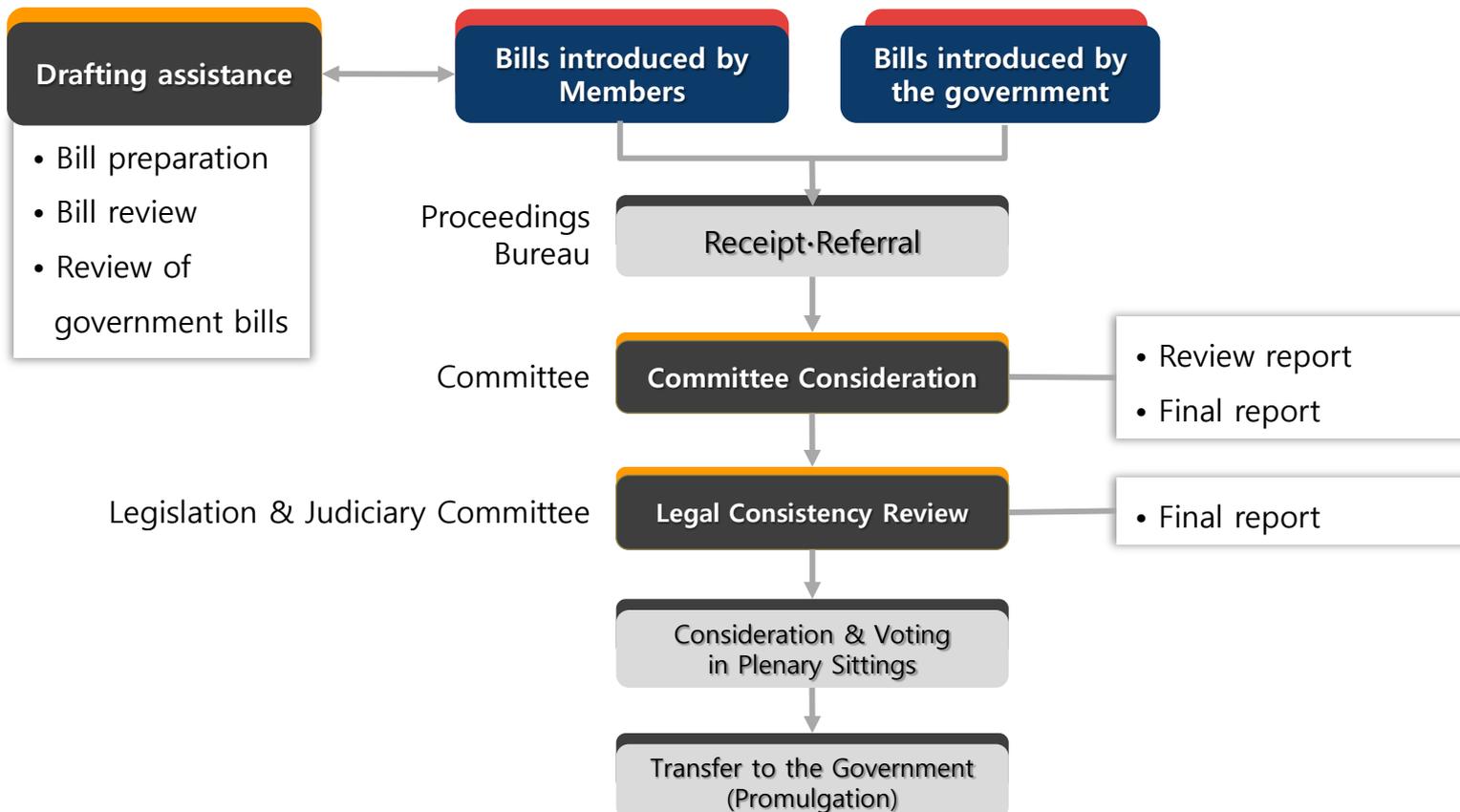


- Quantitative evaluation of Members' legislative activities by Civil Society Organizations (CSOs)
- Growing voters' interest in Members' legislative activities
- Bills introduced expected to rise four-fold between 17th NA and 20th NA
- Declining bill passage rates:
51%(17th NA) → 22%(20th NA)

4. ICT-Enabled Response

4) Intelligent Legislative Information Service

○ Legislative Process



4. ICT-Enabled Response

4) Intelligent Legislative Information Service

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

Issues	Solutions
Growing number of identical or similar bills	<ul style="list-style-type: none"> • Improve search efficiency for identical or similar bills • Provide information on similarity analysis of related bills
Lack of public consultation on proposed bills	<ul style="list-style-type: none"> • Notify government agencies and users who have registered interest of proposed legislation • Improve public access to legislative information
More bills under consideration	<ul style="list-style-type: none"> • Provide article-by-article analysis • Provide history of bills regarding review and deliberation
More bills to be reviewed for legality and wording	<ul style="list-style-type: none"> • Provide information on whether certain bills meet legal and formal requirements for legislative drafting • Provide information on related cases of violation of the Constitution

4. ICT-Enabled Response

4) Intelligent Legislative Information Service

○ Major Improvement Goals

Division	As-is	To-be
Citizens	<ul style="list-style-type: none"> ▪ Search by keyword ▪ Notice-type information 	<ul style="list-style-type: none"> ▪ Intelligent information search ▪ Dialogue-type information
Members	<ul style="list-style-type: none"> ▪ Search through different websites ▪ Communication by accessing each social media account 	<ul style="list-style-type: none"> ▪ Portal customized to each Member ▪ Communication through social media share links
Government Offices	<ul style="list-style-type: none"> • Request for information on related legislation 	<ul style="list-style-type: none"> • Timely notification on related legislation
Legislative Drafters	<ul style="list-style-type: none"> ▪ Manual analysis of identical or similar bills ▪ Manual review of legal consistency 	<ul style="list-style-type: none"> • 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

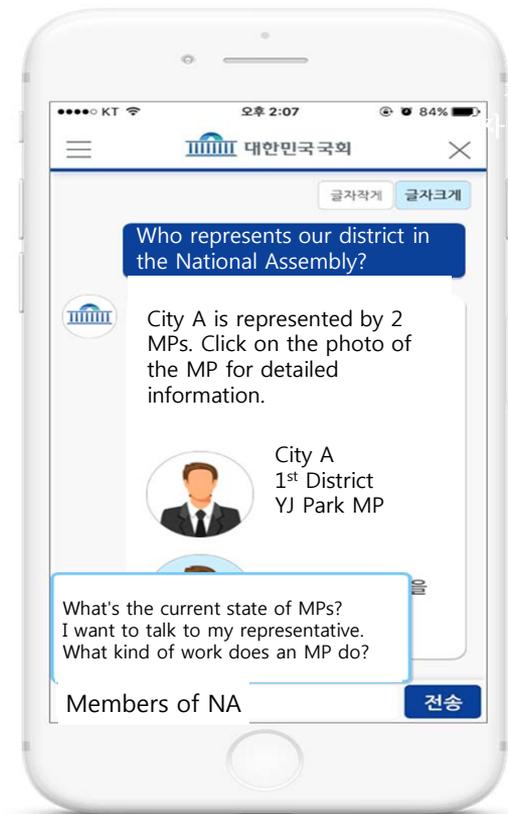





Find and turn on the latest speech of KB Kim MP.

Find legislation on punitive damages.

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



4. ICT-Enabled Response

4) Intelligent Legislative Information Service

○ Improvement Goals for Members

All Menus

Order of Business

Alert & Notice



Kang Kil-bu, MP Independent

[Edit Profile](#)

[Schedule in October](#) [View Calendar](#)

- 2018 Parliamentary Audit (National Defense Committee): Oct.10-29
- 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

MP DB



Sys. Integration

Legislative Info	e-Docs
e-Bills	Drafting Support

Social Share Links!



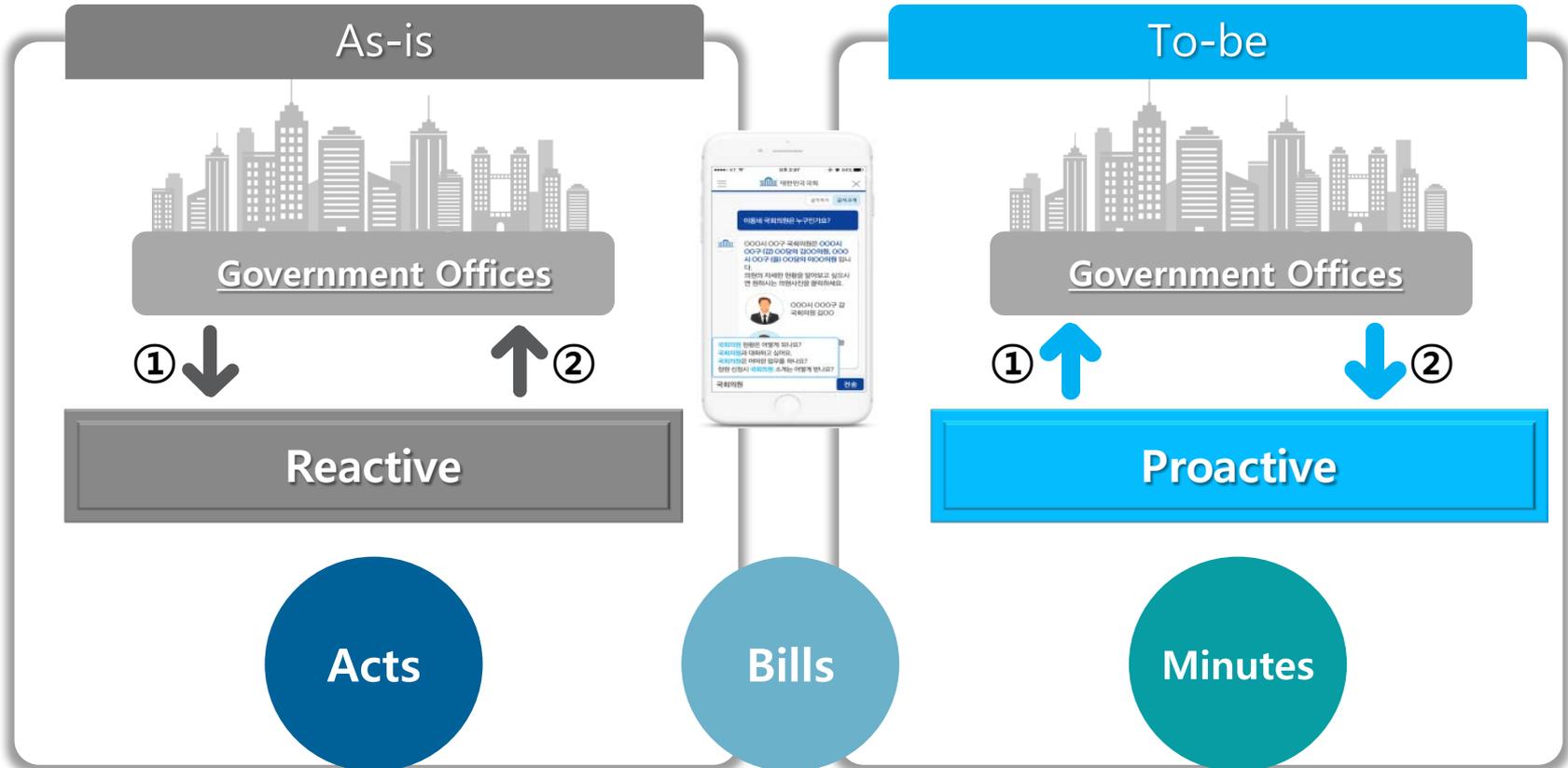
Research & Analysis Data Requests

Request	Content	Request Date	Status
Library	President Moon Jae-in's Audience with Pope Francis	2018. 10.11	Request Received
Research Service	Defense Costs	2018. 09.11.	Request Answered

4. ICT-Enabled Response

4) Intelligent Legislative Information Service

○ Improvement Goals for Government Offices



4. ICT-Enabled Response

4) Intelligent Legislative Information Service

○ 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