

2014 OECD Global Forum on the Knowledge Economy (GFKE)

data-driven innovation for a resilient society

Open Data in Korea



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Chair, Working Committee
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Open Data

I . Progress to Date

II . Policy Frameworks

- Policy Goal & Strategies

III . Policy Tools

- Implementation systems

- partnerships

- open data portal

IV . Contribution of Open Data to Economy

1. Progress to Date: Policy & Foundation

Legal & Policy Foundation

Open Data Law ('13.7)
Open Data Master Plan ('13.12)
2014 Open Data Implementation Plan ('14.4)
Open Data Development Strategy ('14.9)

Organizations

Open Data Center ('13.11)
Open Data Strategy Council ('13.12)
Open Data Mediation Committee ('13.12)

Partnership for Open Data Usage

Open Data Korea Forum (ADKF, '13.6)
Problem Solving Coordinators (PSC, '14.4)
Open Data Usage Groups (ODUG, '14.5)
Open Data Ecosystem Groups (ODEG, '14.5)

Data Release & Usage

Data Release

Dataset, open APIs

2013 : 5,272

2014.7 : 9,677 (83% increase)

Data Usage : Downloads

Downloads

2013 : 13,923

2014.7 : 51,921 (273% increase)

Data Usage : Services

App/Web Services

2013 : 43

2014.7 : 309 (309% increase)

2. Goal, Key Indicators & Strategies

Goal

Top 5 Open Data Country by 2017

Key Indicators

High volume DB release : 1('14) -> 30+ ('17)
Open data standards : 30 ('14) -> 100 ('17)
App/Web services : 300 ('14) -> 2000 ('17)

Key Strategies

Release data of high value/demand
Strengthen open data quality assurance
Create public-private cooperative data ecosystem
Expand open data infra & diffusion to local areas

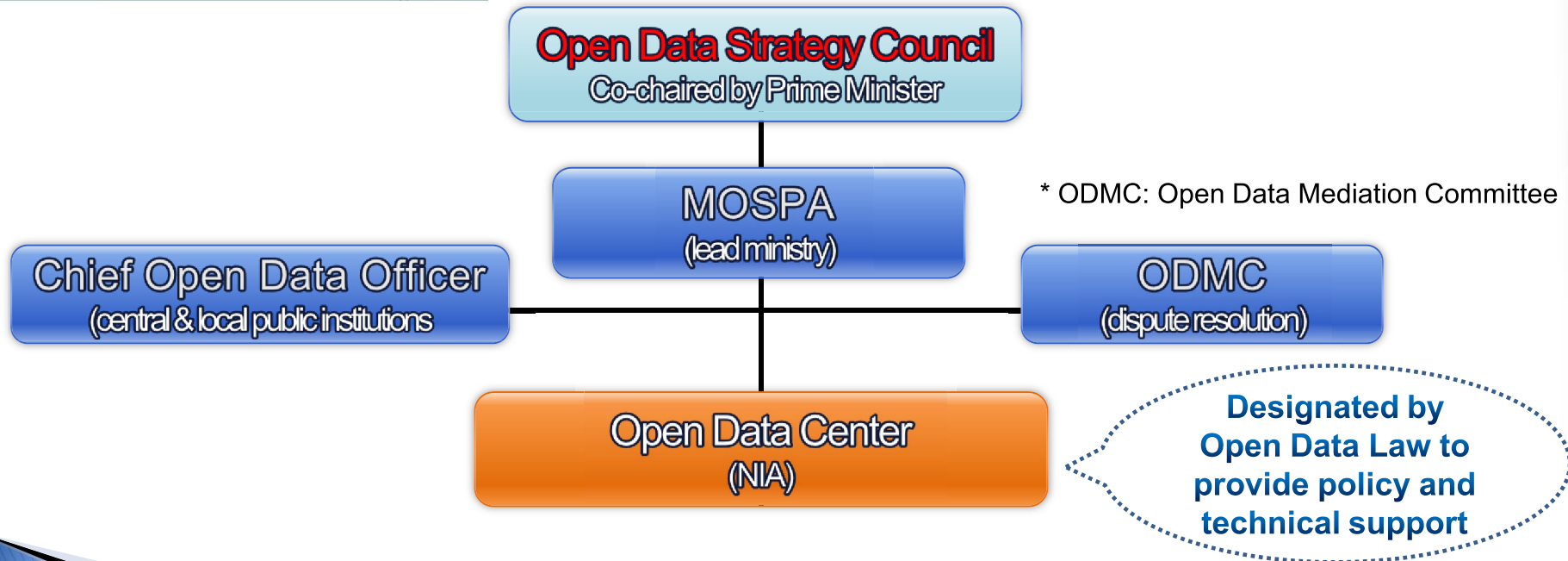
* Open Data Development Strategy ('14.9.16)

3-1. Open Data Law and ODSC Framework

Law

- Need for a law to effectively coordinate government wide policy on open data 『Open Data Law』 enactment ('13.6.27)
- Key points:** Ensure right to use public data, registration procedures, data provision obligation and immunity from liability

Organizations



3-2. Mechanisms for Facilitating Open Data Usage

• Open Data Usage Groups (ODUGs)

promoting

- 15 ODUGs (covering strategic areas) led by Ministries with members from private companies, MOSPA, NIA-ODC, experts

• Open Data Ecosystems (ODE)

- composed of public sector agencies and telecom/Internet companies

• Problem Solving Coordinators (PSC)

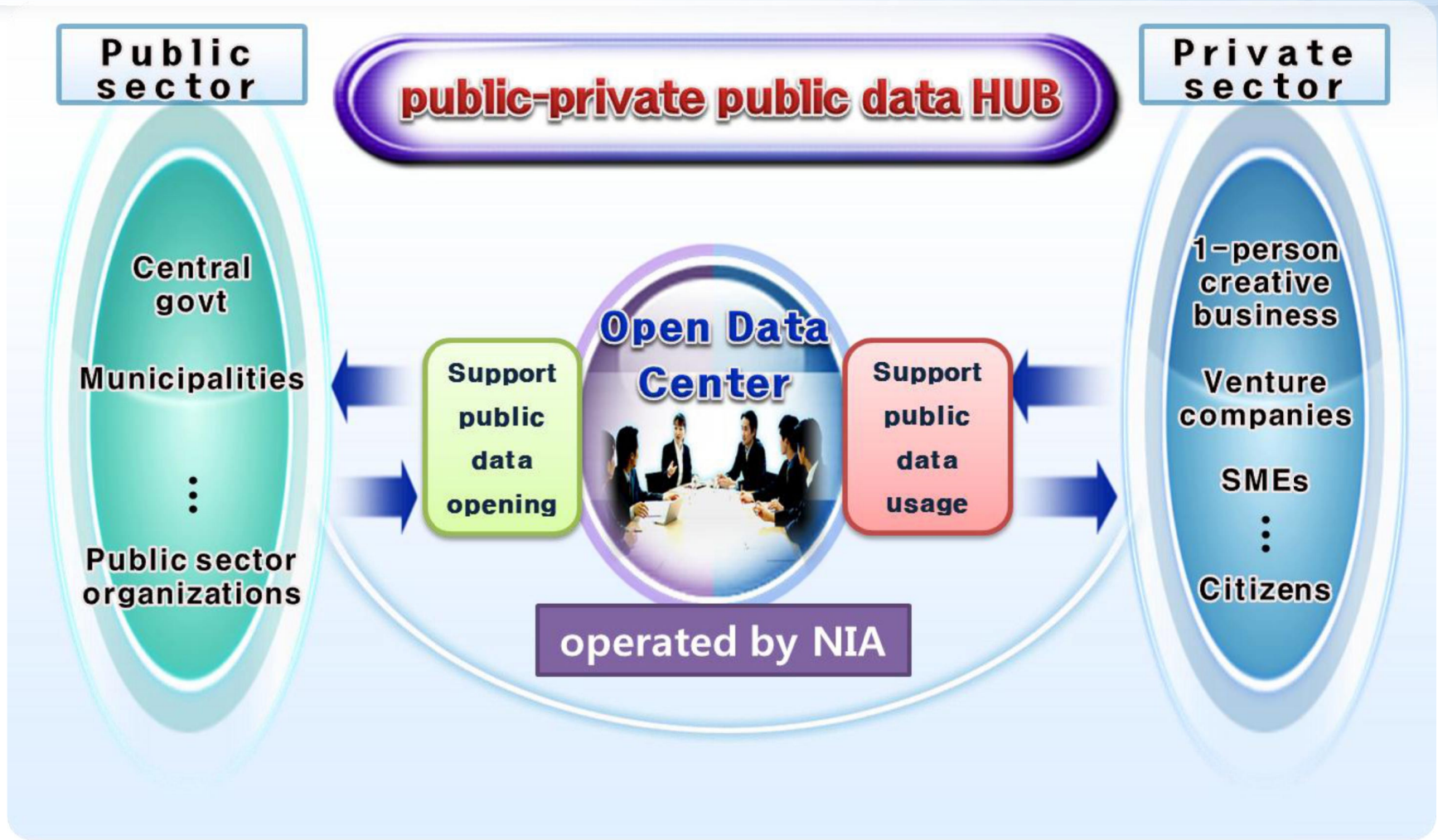
Removing barriers

- composed of MOSPA, NIA-ODC and experts
- informal mechanism via consultations

• Open Data Mediation Committee (ODMC)

- a formal mechanism for dispute resolution between providers and users

3-3. Open Data Center (ODC): open data clearinghouse

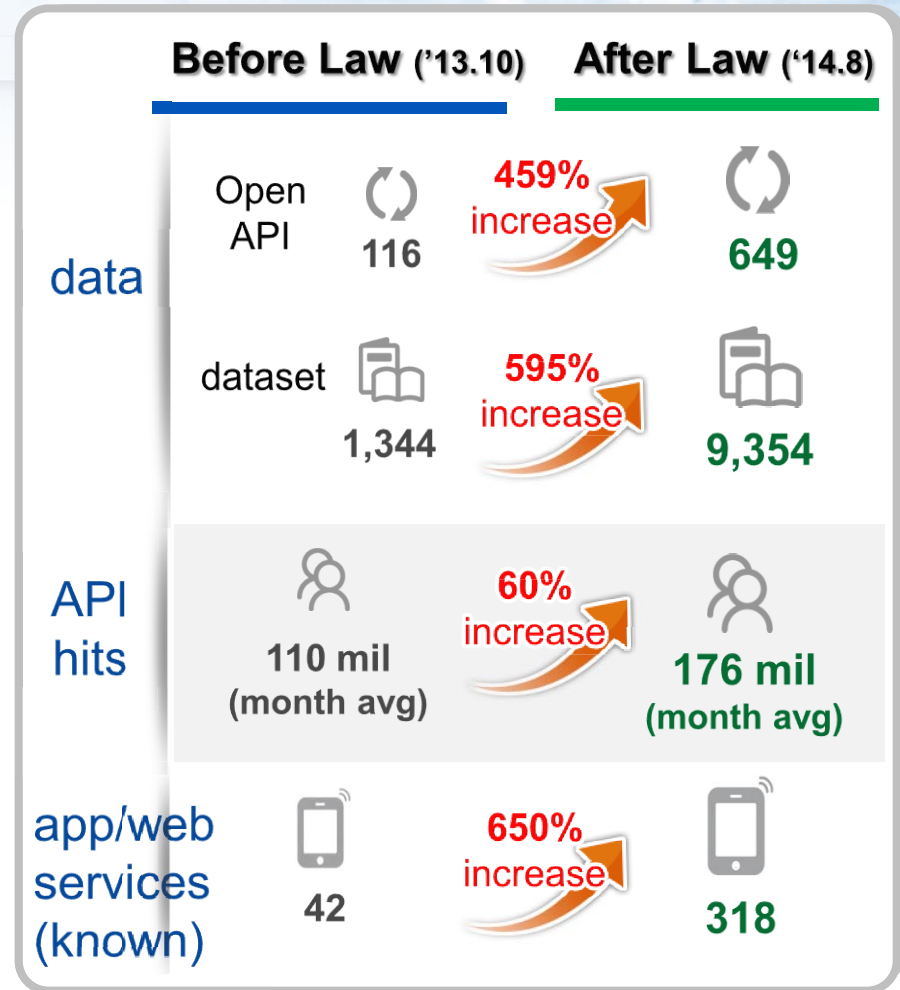


* NIA : National Information Society Agency

3-4. Open Data Portal (www.data.go.kr)

The screenshot shows the Korea Open Data Portal interface. Key sections include:

- 공공기관용 오픈API 개발 자동화 톨 보급**: Information about API development tools for public agencies.
- 공공데이터 개발·활용 현황**: Statistics on development and usage of public data.
 - 개발 (Development): 697 agencies, 10,264 datasets, 9,610 datasets, 654 open APIs.
 - 활용 (Usage): 45,674 new registrations, 1,761,044,312 total registrations.
- 공공데이터 활용 기업**: List of companies using public data.
- 공공데이터 인포그래픽**: Infographic showing that 170,000 foreigners used public data.
- 공지사항**: Notices and news.



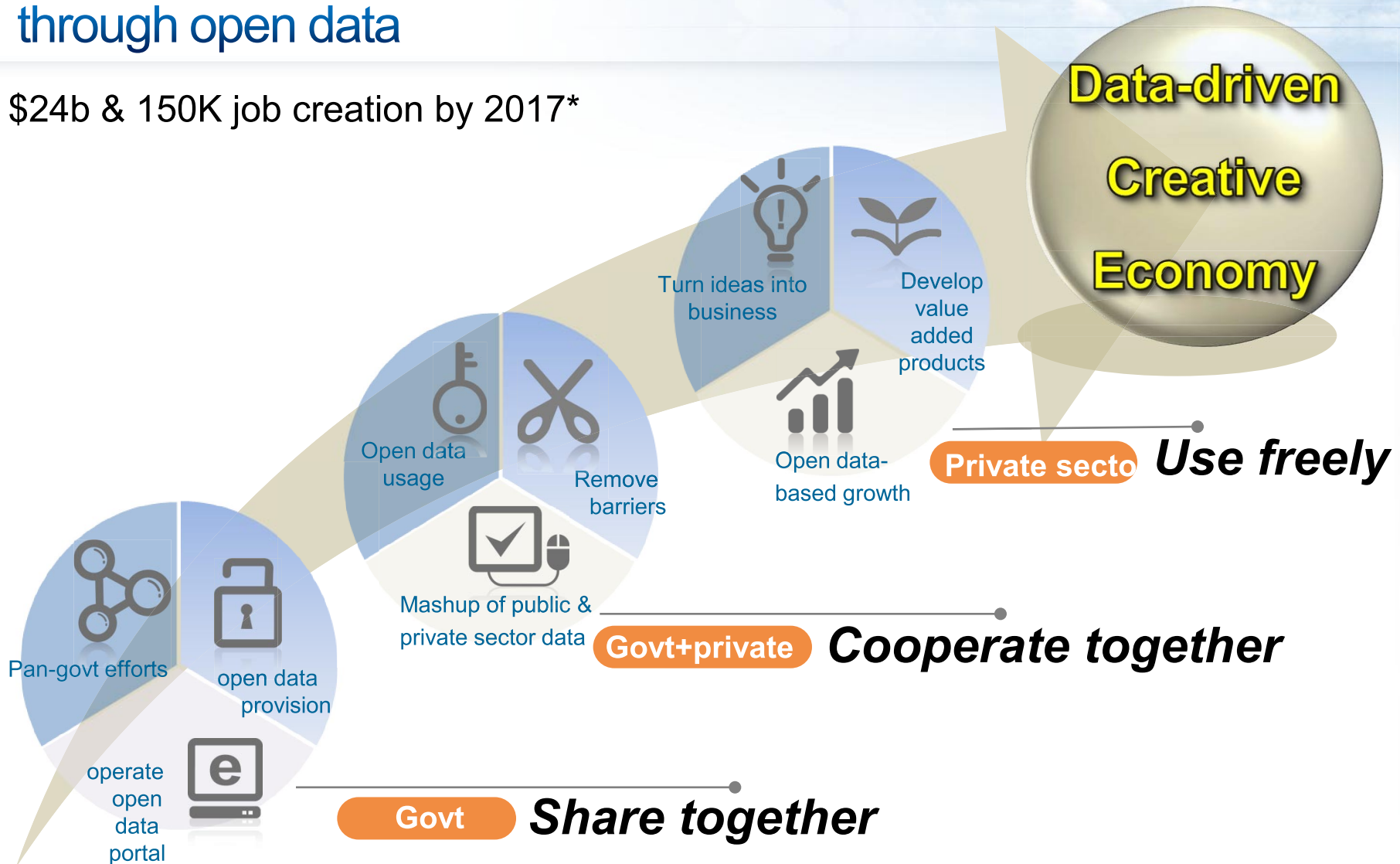
* avg: average

A government wide integrated window for open data

4. Realization of Data Driven Creative Economy

through open data

\$24b & 150K job creation by 2017*



* Research by KAIST

Thank You~

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