Open Science Activities in KISTI

OpenAIRE WEEK

GENERAL ASSEMBLY

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Korea Institute of Science and Technology Information • 국가와 국민을 위한 데이터 생태계 중심기관 KISTI

Introduction of KISTI

KISTI: Korea Institute of Science and Technology Information

The only research institute designated by Science and Technology Framework Act for establishing National S&T Infrastructure

KISTI Composition

National S&T Data Division

data·on
Data Service

NDSL
Information Center

nTis
National R&D Service

MIRIAN
Future Information

Supercomputing Division

Supercomputer

KRE·NET
Research Network

EDISON
Computation Science Platform

Data Analysis Division

Star Value
Tech. Evaluation

ASTi
Association of S&T Info.

# of Employee: 544   Annual Budget: 146 Million USD

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- ➢ **Appeared as a major agenda in OECD science ministers' meeting in 2015. (Daejeon, Korea, 21 Oct. 2015)**

- ➢ **KISTI focuses on three items**

Open Access

Open Research Data

Open Collaboration
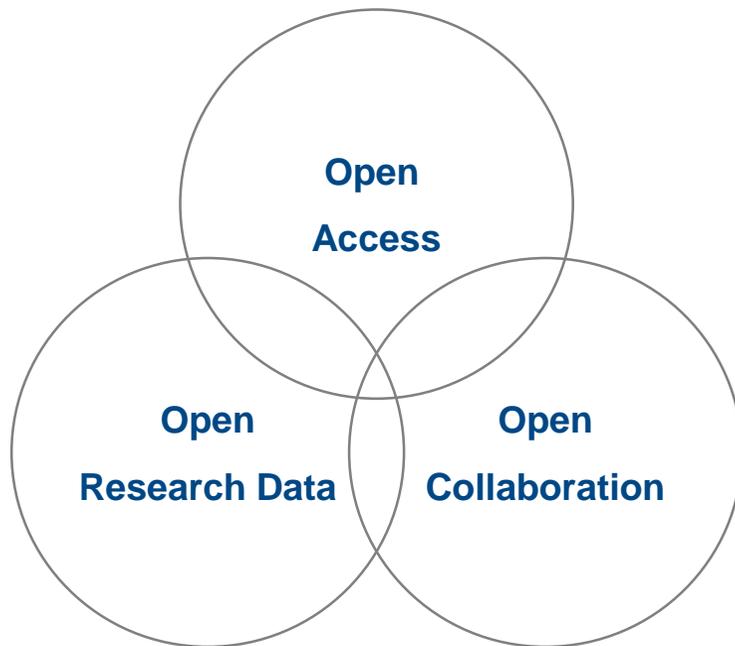
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Making Open Science a Reality

OECD

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Open Access in Korea

➢ **Government's Open Access policy has not been established.**

➢ **Open Access(OA) activities of major Korean institutes**
- **KISTI: Researches on OA, Development of OA repository, SCOAP3 NCP, OAK project(2009 - 2013)**
  - **Open Access Korea(OAK) - Dissemination of institutional repository for research institutes**
- **National Research Foundation**
  - **Research on NRF OA policy(2019)**
- **National Library of Korea**
  - **OAK project(2014 ~)**
  - **Korea Journal Copyright Information(KJCI)**

➢ **National OA repository KOAR(Korea Open Access Repository) launched on Mar, 2020.**

➢ **KOAR provides OA article search, repository for self archiving(researcher, journal), collaborative co-authoring tool and predatory journal/conference list.**

Explore
Searching

Repository
Self-Archiving

KOAR
국가 오픈액세스 플랫폼
Korea Open Access platform for Researchers

Collab
Co-Authoring

Safe
Monitoring

functions

KOAR Explore	KOAR Collab	KOAR Repository	KOAR Safe
Domestic and oversea OA article search	Co-authoring, Pre-Print, open comment etc.	Self-Archiving for researcher, journal	Preventing predatory journal submit and conference attend

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➢ **Global Science experimental Data hub Center(GSDC)**

● **Data Center for Data-intensive Research**

➢ **EDucation-research Integration through Simulation On the Net(EDISON)**

● **Scientific education and research support based on computational science**

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❖ **Research data share & utilization strategy (Ministry of Science & ICT, Jan. 2018)**

❖ **Regulation on the management of national R&D projects(Presidential Decree, Sep. 2019) – including DMP procedure.**
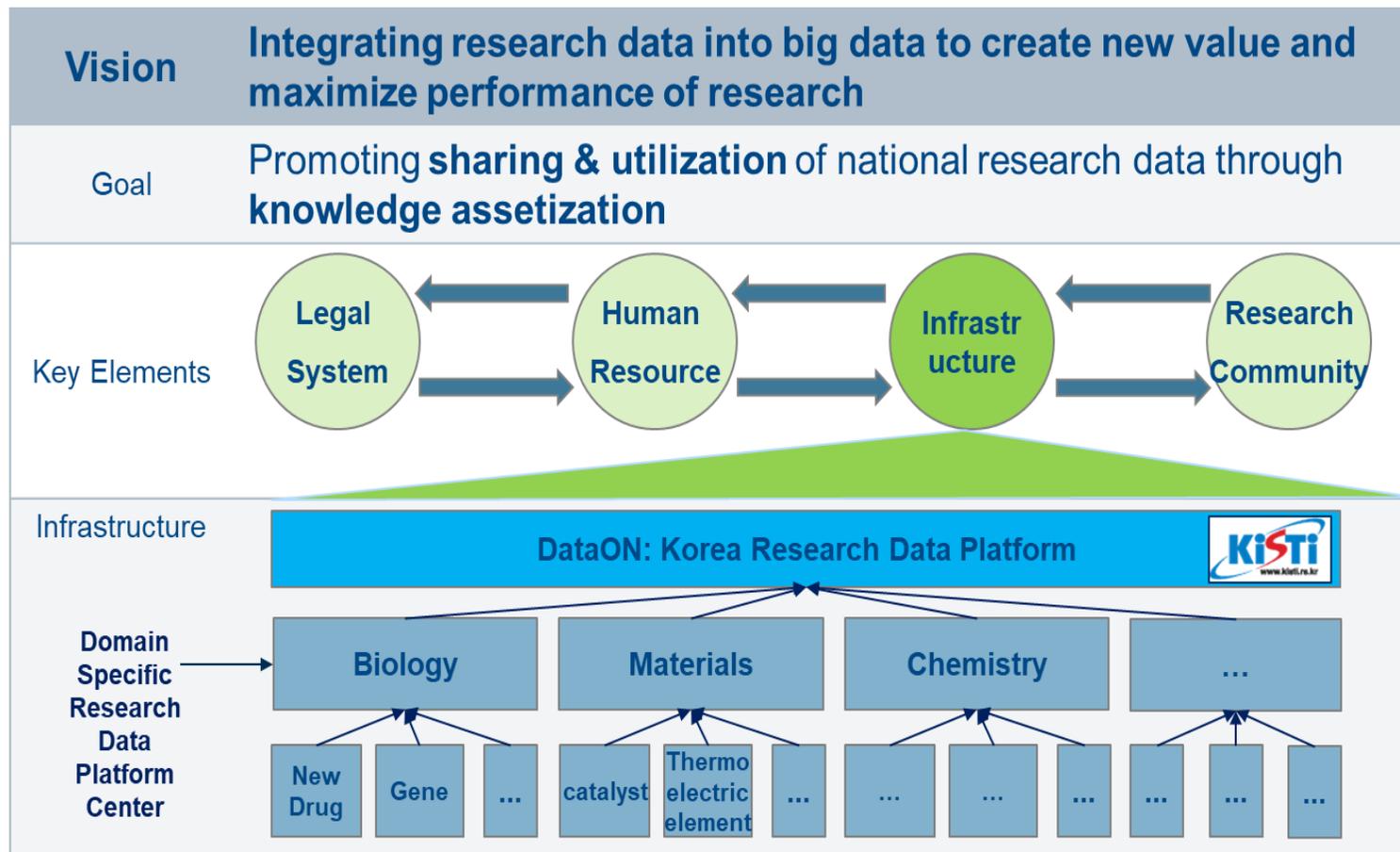

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◆ **Ministry of Science & ICT has two project management organizations including 309 pilot projects for DMP(Data Management Plan) since 2019**

  ◆ **National Research Foundation of Korea(NRF)**

    ◆ **298 projects in 2019~2020 follow the DMP procedure**

  ◆ **Institute of Information & Communications Technology Planning & Evaluation(IITP)**

    ◆ **11 projects(2019) follow the DMP procedure**

◆ **24 government-funded research institutes will apply the DMP procedure to their internal projects by the end of 2020.**

❖ **Unfortunately, National R&D Innovation Act in which the DMP has been deleted will come to effect in Jan. 2021.**

Open Data in KISTI

❖ **Korea Research Data Platform(DataON) has been open to public since Jan. 2020**

❖ **DataON supports sharing, managing, searching, publishing, analyzing and utilizing research data.**

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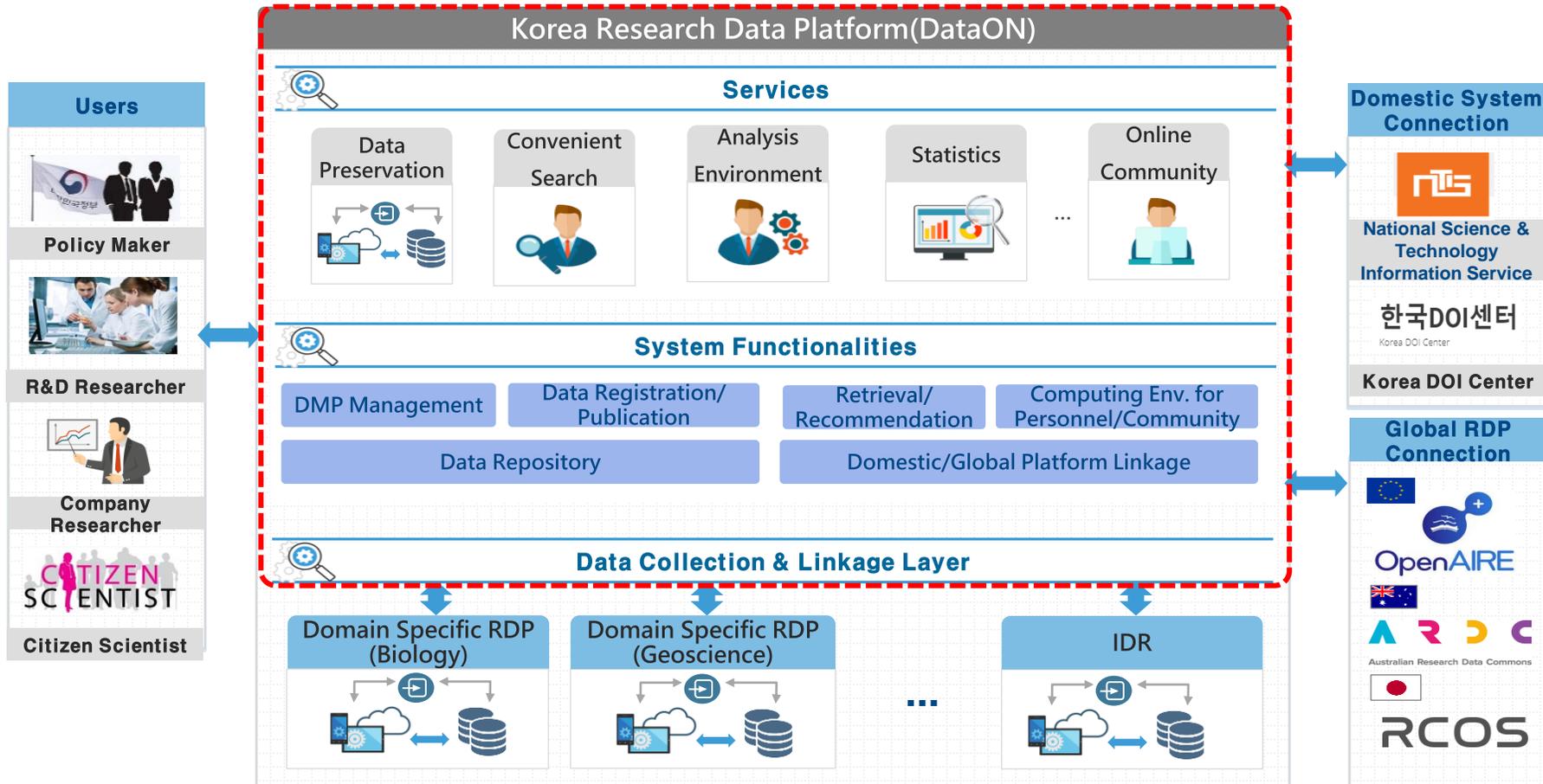
➢ **KISTI has been engaged in Open Science activities from three perspectives: Open Access, Open Research Data, and Open Collaboration.**

➢ **The only policy related to Open Science in Korea is the DMP, and several underlying regulations are applying and the number of DMP projects is increasing.**

➢ **However, with the recent enactment of the National R&D Innovation Act, the DMP system is expected to have limitations and confusion.**

THANK YOU

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