



Introduction to Korea Research Data Platform (KRDP)

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국가와 국민을 위한

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- What is Research Data?
- Data Management Plan
- Korean Government Strategy
- Korea Research Data Platform

What is Research Data?

- Research data is any information that has been collected, observed, generated or created to validate original research findings
 - ✓ All information created during research, including raw, intermediate, and final data
- ✓ Essential and objective factual data for reproduction of research results, obtained through various experiments, observations, surveys, and analyzes of national R&D projects (Regulations on management of national R&D projects, Article 25 Section 28)
- Korean government recommends submitting Data Management Plan(DMP) on proposing a National R&D Project



Genetic data

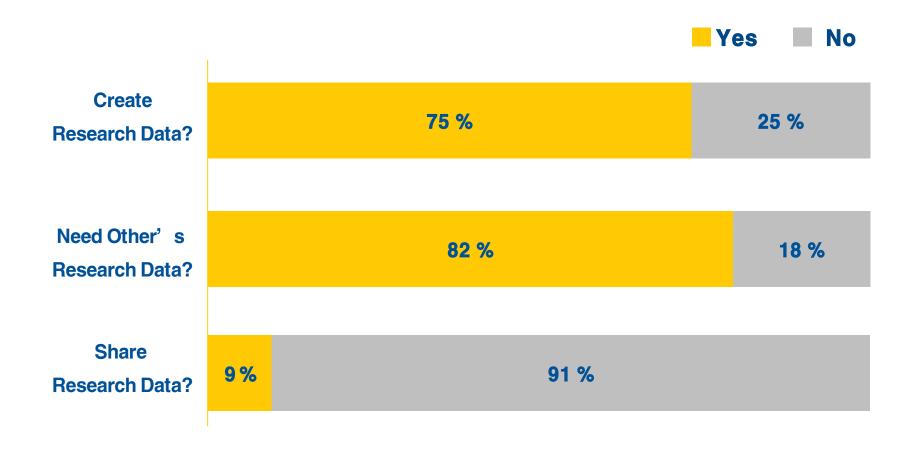




lata Telescope data

Survey on Sharing Research Data







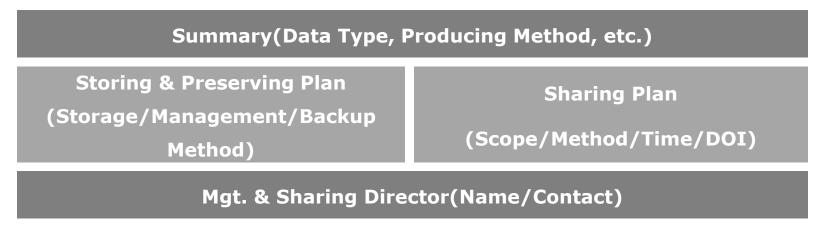
Data Management Plan(DMP)



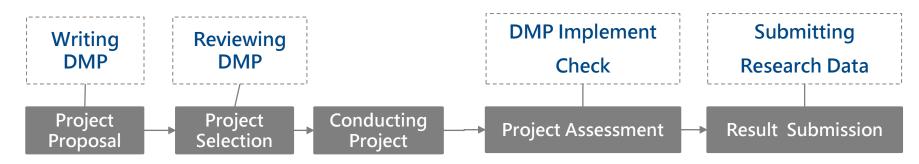
Definition

DMP is a formal document that outlines how data are to be handled both during a research project, and after the project is completed.

Main Elements



DMP Process

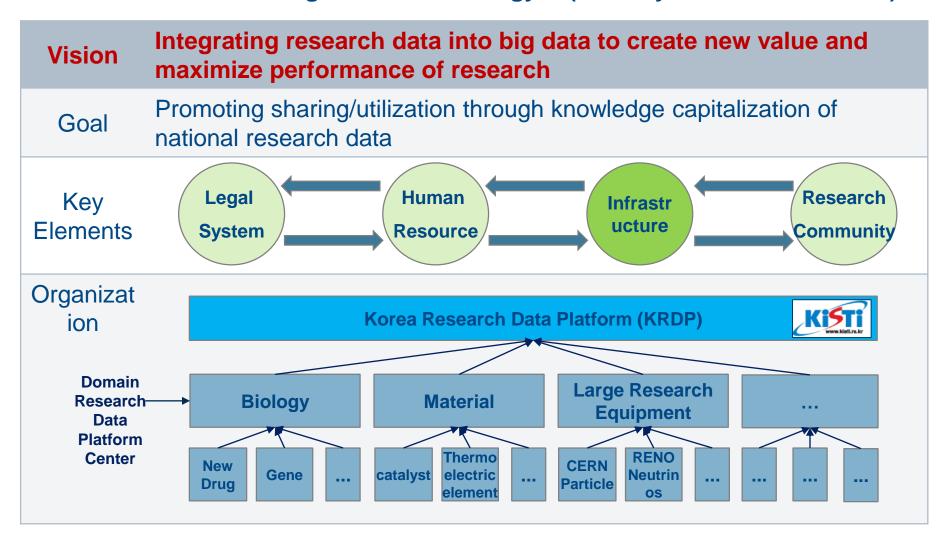




Government Strategy



"Research data sharing/utilization strategy" (Ministry of Science and ICT)



Research Data Platform



What's needed for research data management?

- ✓ A integrated research data management environment to preserve, share, and reuse research data that is essential especially for multidisciplinary research.
- ✓ Functionalities to conveniently search research data which is distributed in many places
- ✓ Real-time sharing/collaborative analysis environment for supporting personal and fusion research of large-scale research data

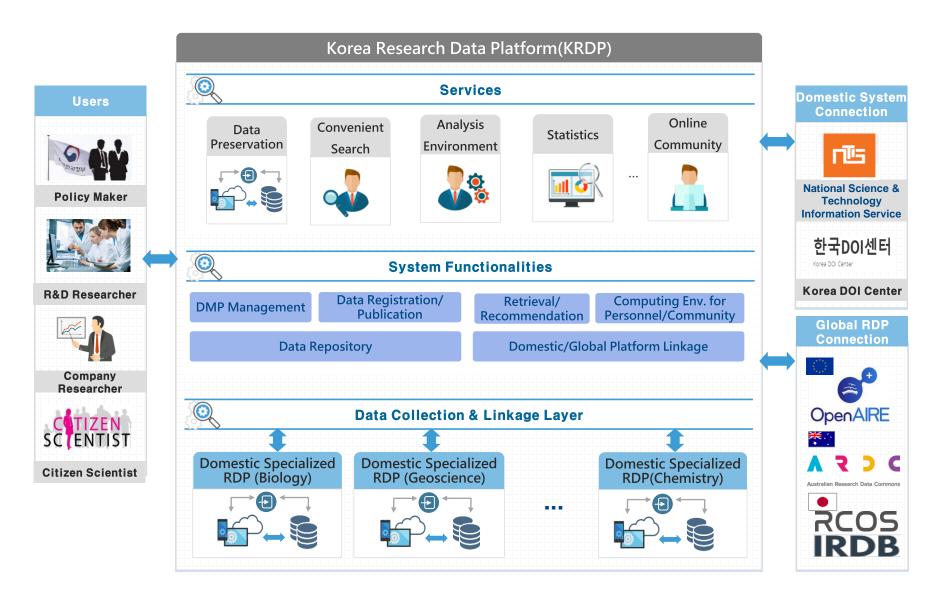
Research Data Platform

- ✓ KISTI has been building Korea Research Data Platform since 2018 according to Korean government strategy.
- ✓ KRDP should systematically support to share, manage, search, analyze
 and utilize research data



Korea Research Data Platform(KRDP)

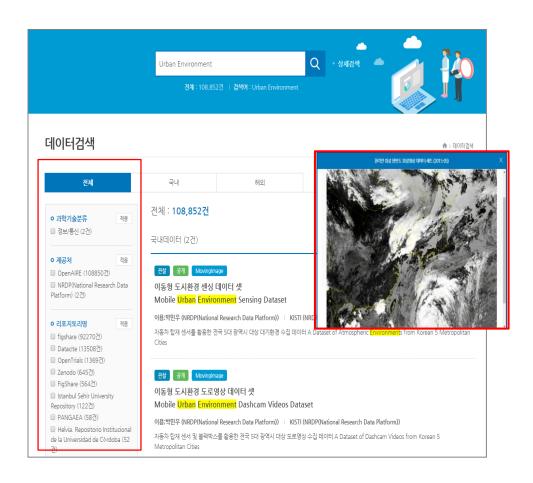








◆ Facet Search & Easy Preview of Research Data ◆ Community and Analysis Environment for Collaboration

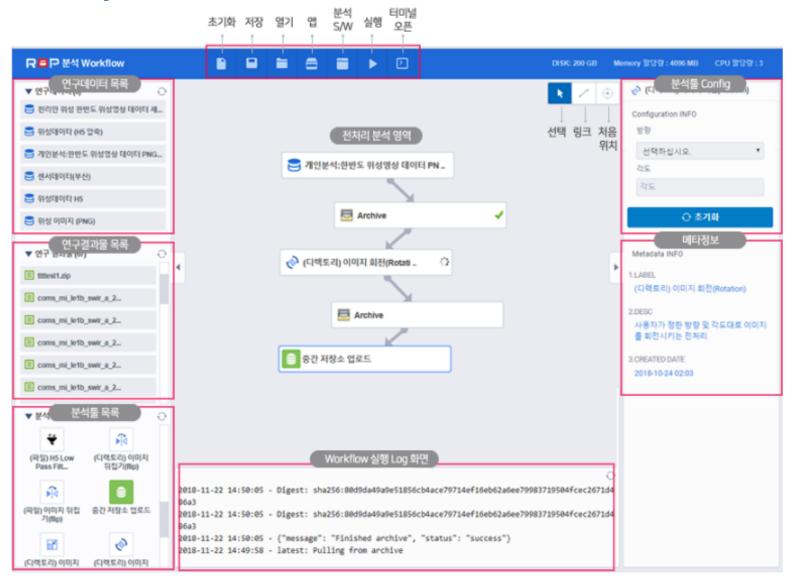








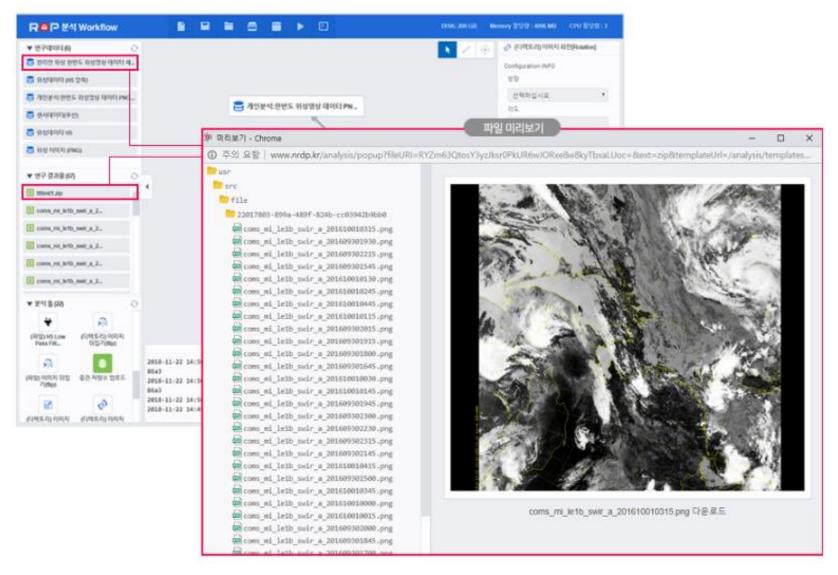
Workflow Analysis Environment







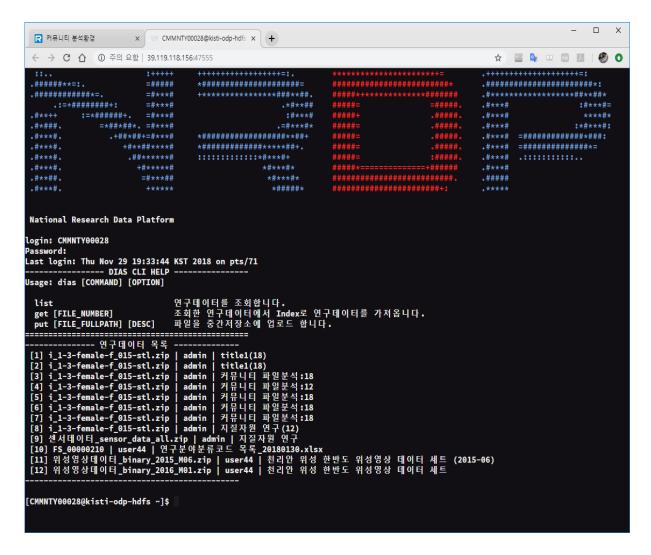
◆ Workflow Analysis Environment – Preview Research Data







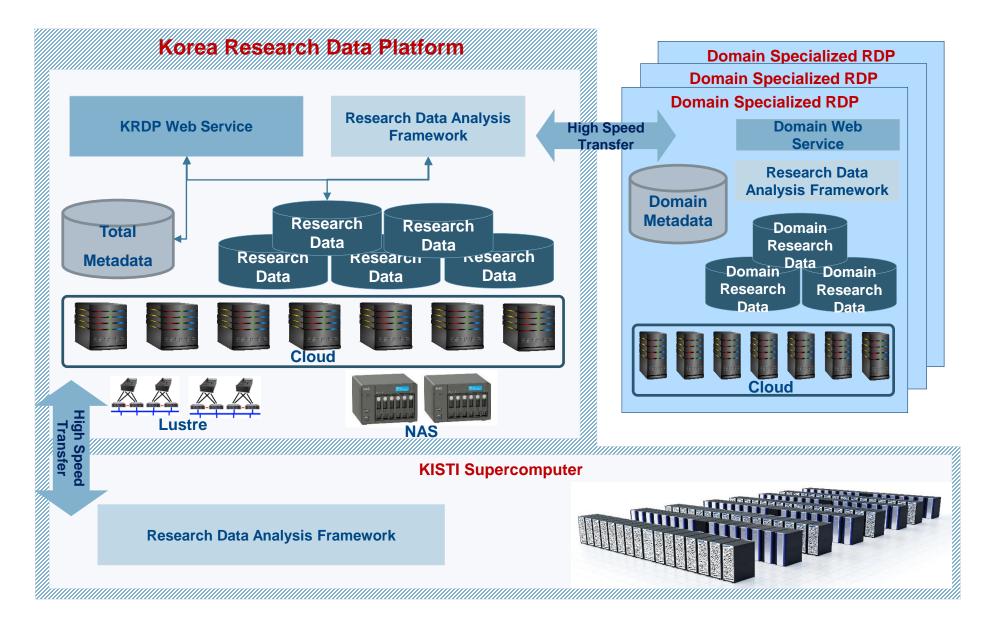
CLI Environment for Advanced Users





KRDP 2018 & 2019







THANK YOU

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