

Aligning the Korean Research Data Commons with EGI and the European Open Science Cloud

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The European Union (EU) has been working on the establishment of the European Open Science Cloud (EOSC) for several years now to support Open Science with a federated infrastructure that can underpin every stage of the science life-cycle. In response to this global trend, the Korea Institute of Science and Technology Information (KISTI), under the Ministry of Science and ICT in Korea, is currently undertaking the construction of the Korean Research Data Commons (KRDC) to facilitate the integration of various domestic or institutional research data commons systems. Specifically, starting from 2022, KISTI has been designing and developing the KRDC Framework to implement KRDC and concurrently building strategies for collaboration with advanced global systems such as EOSC, with the aim of establishing a global interconnection framework in the future.

To facilitate the aforementioned objectives, EGI, which plays a pivotal role in the EOSC initiative, and KISTI conducted a bilateral project in 2024 to establish a methodology for connectivity between EGI, EOSC and KRDC, thereby ensuring seamless interoperability among these infrastructures. This presentation will report on the outcomes of this project.

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