



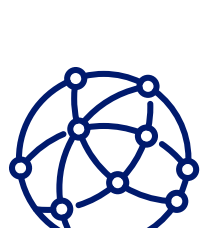
Dataverse and the Future of Open Science



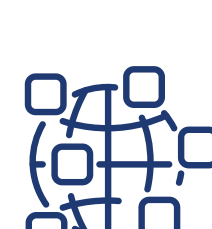
Collaboration for Innovation: The success of frameworks, models, and tools from EOSC EDEN depends on collaboration with open-source software communities like Dataverse.



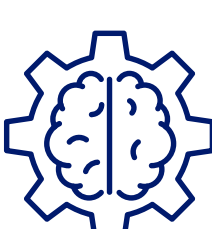
Dataverse as a Backbone: European Dataverse community members actively contribute to FIDELIS and EOSC EDEN, leveraging Dataverse to improve long-term preservation best practices and to establish Trustworthy Digital Repositories (TDRs).




Enhanced Curation Workflows: Dataverse's review phase supports quality control for data publication. EOSC EDEN's focus on curation networks and workflows aligns with Dataverse's capabilities, offering opportunities to expand and improve long-term preservation workflows.



Interoperability and Standards: EOSC EDEN's future registry of repositories, LTP services, and tools will benefit from Dataverse's adoption of standards like Signposting, FAIRiCat, and BagIt. These integrations strengthen Dataverse's position as a FAIR-enabling platform.



Upskilling and Harmonization: FIDELIS's training and support programs for TDRs can directly benefit Dataverse repository managers and curators, fostering harmonization and interoperability across repositories.



Future-Proofing Repositories: By aligning with the goals of FIDELIS and EOSC EDEN, Dataverse ensures its community remains at the forefront of open science and digital preservation efforts in Europe and beyond.

Authors :

Philipp Conzett, UiT The Arctic University of Norway

Dieuwertje Bloemen, KU Leuven

Wilko Steinhoff, Data Archiving and Networked Service (DANS)



Join the EDEN Network!   

EOSC EDEN – Enhancing Digital Preservation Strategies at European and National Level

Storage and service limitations raise the critical question of what data merits long-term preservation. Although frameworks such as certification tools and discipline-specific practices exist, the awareness and implementation of preservation practices and standards remain uneven.

The EOSC EDEN project addresses this challenge by enhancing digital preservation strategies across Europe. It will

- **Establish a framework** to identify digital data suitable for long-term preservation based on usage, quality, and benefits to science and society.
- **Introduce re-appraisal points** in the data life cycle and support the development of sustainable preservation strategies.
- **Create a registry** to integrate trusted tools and services from repositories and archives into the European Open Science Cloud (EOSC), enabling automated preservation and curation actions

EOSC EDEN also aims to boost data curation and quality practices by raising awareness, enhancing skills, and supporting the creation of an expert curation network, with a focus on long-term sustainability. The project will also provide training and outreach to engage communities in testing and validating project outcomes.

The EOSC EDEN consortium brings together 16 organisations with extensive expertise in digital preservation, data quality, curation, and FAIR (Findable, Accessible, Interoperable, Reusable) data services. The consortium represents seven scientific disciplines: Climate Simulations, Earth and Environmental Sciences, Food Sciences, High-Energy Physics, Life Sciences and Bioinformatics, Linguistics, and Social Sciences.



Join the FIDELIS Network!   

EOSC FIDELIS – a European Network of Trustworthy Digital Repositories

The European Open Science Cloud (EOSC) is becoming the web of FAIR (Findable, Accessible, Interoperable, Reusable) data and services for science in Europe. Achieving a sustainable EOSC requires trustworthy digital repositories (TDRs) to preserve and maintain these resources over the long term.

FIDELIS strives for community-endorsed definition of what makes a digital repository trustworthy in the context of the EOSC and supports their technical federation. By harmonising how repositories describe themselves and the standards they use for describing data, FIDELIS will increase the discoverability of repositories' capabilities and services and facilitate federated search across multiple repositories. A vibrant training, engagement and support programme provides repositories with cascading grants, learning and peer-to-peer support opportunities.

The new FIDELIS network launched by the FIDELIS project provides a framework for repositories to support each other not only in becoming but remaining trustworthy and FAIR-enabling over time. It welcomes aspiring and seasoned digital repositories that practice TRUST-inspiring and FAIR-enabling ways of working.

- **Stakeholder advocacy and engagement.** The FIDELIS Network aims to grow into an advocacy group for FAIR-enabling trustworthy digital repositories.
- **Networking and facilitation of knowledge exchange**, e.g. on common legal topics specific for Trustworthy Digital Repositories, such as GDPR and IPR aspects.
- **Coordination and development**, with activities including:
 - Support members to implement trustworthy and FAIR-enabling (best) practices, policies, standards and tools;
 - Foster standardisation and interoperability across repositories to enable an EOSC federation of TDR;
 - Provide training and support of TDRs and TDR staff.

Learn more about **EOSC EDEN & EOSC FIDELIS** and visit our website!

