

(Long-Term) Data Retention

impulse presentation

Mari Kleemola, FSD/TAU & CESSDA
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What constitutes a TDR in the context of EOSC?

- Repositories are key actors in preserving data
- Current repository landscape is very diverse
- Definition of 'trustworthy digital repository' volatile
 - TF on Long Term Data Preservation emphasised that “repositories that undertake to offer preservation services and can meet defined criteria for their organisational infrastructure, digital object management, technical infrastructure and security provision are candidates to be a Trustworthy Digital Repository (TDR)”
 - The European Commission groups “trusted” repositories into three categories (Open Science HE MGA requirements) and requires that trusted repositories e.g. display specific characteristics of organisational, technical and procedural quality, such as services, mechanisms and/or provisions that are intended to secure the integrity and authenticity of their contents, thus facilitating their use and re-use in the short- and long-term
- How to best assess trustworthiness?
- Should a TDR have a certification?



FIDELIS

A European network of
Trustworthy Digital Repositories



1/2025 - 12/2027
coordinated by
CSC - IT Centre for
Science
PI Damien Lecarpentier



24 partners

various domains,
repository types and
countries



Goals

Consensus on what constitutes a TDR in the
context of EOSC

Improve repositories' FAIR-enabling
capabilities

Enhanced interoperability across repositories
and accelerated adoption of best practices

Operational Network of TDRs

Facilitation of future TDR collective action

Better alignment of the EOSC ecosystem with
the requirements of repositories and their



Network of TDRs can deliver benefits of taking action collaboratively, e.g.

unite the repository community beyond finite
project efforts

offer a coordination and networking
mechanism for addressing common
challenges

foster a supportive open science
environment

guarantee FAIR data sharing also in the
future



The five project pillars

Project management and
coordination

Network governance & value-add
TDR harmonization & interoperability

Training & support

Communication & outreach

- FIDELIS will address this issue by providing an overall matrix of characteristics, functions and activities exhibited across a broad range of repositories
- The matrix will act as a reference model for alignment and cooperation
- We expect to harmonise, inform and validate existing criteria rather than replace them
- FIDELIS will support and guide repositories in achieving a TDR status and their continuous improvement in the EOSC context

Thank you!