



Sustainable implementation of PIDs and data citation in EOSC

Helping the European data space and EOSC in embracing FAIR principles through a proper identification and management of FAIR Digital Objects.

Working for a coherent implementation of PIDs

A broader and more targeted use of PIDs, based on end-user needs and with special attention to reproducibility and to sensitive data, can support better data quality, trust and risk management.



An EOSC PID coordination mechanism

Collaboration among PID service providers and developing PID policies is needed. FAIR-IMPACT supports the creation of a coordination mechanism for PID Service Providers to discuss a shared value proposition for PID service providers on PID usage in EOSC.

? Did you know?

Semantic artefacts are machine-actionable controlled vocabularies to describe content and express relations among them. They are an important element in creating semantic interoperability, and are regarded as digital objects with their own recommendations for FAIR implementation and sharing.

[Watch the video](#)



The EOSC PID coordination mechanism by FAIR-IMPACT

- Promotes the usage of PIDs based on user needs, while maximising the uptake of good PID practices.
- Facilitates coordination between EOSC, PID service providers, and PID stakeholders globally.
- Boosts data accessibility by enhancing interoperability on all levels.
- Responds to the needs of research and Open Science, in a way that ensures sustainability, continuity of services and innovation.
- Orchestrates alignment of PID infrastructures in line with the EOSC PID Policy.
- Extends and adapt data object assessment metrics and the F-UJI tool to be more disciplinary-context aware



FAIR-IMPACT open calls

Adoption & implementation support

FAIR-IMPACT will boost the uptake of FAIR data principles and practices by research performing organisations, data service providers and repositories through a dedicated support programme. Through a series of open calls, interested parties can apply to implement a selection of current tools and methods and receive financial support to enable their participation. We aim to support around 50 organisations over the life of the project ensuring that different domains, geographic areas and stakeholder groups are represented.



A FAIR Collaboration

FAIRCORE4EOSC and FAIR-IMPACT work together in supporting the realisation of this web of FAIR data and services by delivering new core infrastructure components and by supporting the implementation of FAIR-enabling practices, tools, and services. The collaboration between FAIRCORE4EOSC and FAIR-IMPACT is ensured by a **Technical Bridging Team**

Expected outcomes

- More coherent implementation of PIDs for better data quality.
- Fewer zombie identifiers thanks to a broader use of well-managed PIDs.
- Enhanced scientific reproducibility.
- Increased research on sensitive data without transferring data across borders or outside secure environments.
- Open Science sustainability and long-term continuity of digital services.

Who are we helping?

National and European:

-  **Research infrastructures**
-  **PID and metadata providers**
-  **Repositories**

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