Coordinating, aligning and providing best practices for PID policies and implementation

The ambition of WP3 is to enable and support a sustainable implementation of Persistent Identifiers (PIDs) across EOSC to meet user needs, align with EOSC PID Policy and to promote best practices. Working together with PID service providers, different scientific domains and infrastructures has been vital for meeting the project goals. Interactions with other relevant stakeholders is realised through various workshops providing valuable input and validation for the work on PIDs.

Shared long-term vision for PID service providers in EOSC (M34)

3) Align requirements for onboarding PID providers into EOSC, including emerging PIDs (M18)

2) EOSC PID providers coordination mechanism proposed (M16)

1) Joint value proposition by relevant PID providers (M10)

1) Joint value proposition for PIDs

→ PIDs and metadata are needed to **enable FAIR research**

→ PIDs enable **global scaling of research** through unique and standardized identification of scholarly entities

→ PIDs improve **understanding of research impact** through interoperability and connectedness

→ PIDs help stakeholders **save money and time** through automation

→ PIDs **generate trust in research** by facilitating recognition and preservation of diverse range of outputs

→ PIDs **improve equity across disciplines and countries** by increase recognition of research contributors

→ PIDs **support long-term preservation and sustainability of research outputs** through community governance

2) Proposal for an EOSC PID Service providers coordination mechanism

→ Facilitate co-operation between PID Service Providers and EOSC
→ Emerging PIDs to be identified and incorporated into EOSC
→ Ensuring EOSC Compliance by PID Service Providers
→ Channeling needs from the EOSC community
→ Sharing outputs from relevant projects

3) Aligned requirements for onboarding PID providers into EOSC + emerging PIDs

→ Requirements as per the EOSC PID Policy (in coordination with FAIRCORE4EOSC)
→ Emerging PIDs identified in the context of EOSC

Guidelines for creating an EOSC compliant PID policy

PID Managers have responsibilities to maintain the integrity of the relationship between entities and their PID. Central to the work are the following questions:

→ How can we determine the quality of the EOSC PID policy and - in collaboration with all stakeholders - how can we implement a user tailored PID policy?

→ What principles, roles and criteria can we distinguish when it comes to the use of PIDs in the EOSC?

→ What should a PID Manager do to formulate or evaluate an EOSC compliant PID policy?

16 guidelines for PID Managers

FAIR-IMPACT, in close cooperation with the FAIRCORE4EOSC project and the team developing a Compliance Assessment Toolkit (CAT), have formulated 16 guidelines for supporting PID Managers in formulating an EOSC compliant PID policy. The main source for the guidelines are the outcomes of the compliance assessment of the current version of the EOSC PID policy.

→ *"When selecting an appropriate PID service, it is important to understand what your expectations are with respect to uniqueness, persistence and resolvability, and what methods and services are available to perform and control this selection process."*