FAIR-IMPACT contribution to Persistent Identifiers

Slovenian Roadshow
28 September, 2023

Josefine Nordling, Data Management Office, CSC - IT Center for Science
WP lead on Persistent Identifiers
Why PIDs?

• PIDs and metadata are key to the FAIR principles
• The goal is to enable and support a sustainable implementation of PIDs across EOSC by working together with PID service providers and infrastructures to meet user needs, align with EOSC PID Policy and to promote best practices.
Tasks on PIDs

**Task 3.1**
Setting up a coordination mechanism for EOSC PID service providers

**Task 3.2**
Integration of PID practices into FAIR data management

**Task 3.3**
EOSC PID Policy alignment & support

**Task 3.4**
PID implementation programme

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FAIR-IMPACT work on PIDs
Coordination with PID Service Providers

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

2) EOSC PID providers coordination mechanism proposed (M16)

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

Direction icons created by Prosymbols Premium - Flaticon
PID practices in FAIR data management

- Identifying and documenting best PID practices for managing workflows, datasets and research objects
- Meeting user needs and a more coherent implementation of PIDs, leading to more exact data citation and a broader and more targeted use of PIDs
- Sharing the results across research communities to achieve alignment in PID practices
- Interacting with other communities through workshops

Source: Mindmeister.com
Use case topics & structure

Focus on data products, automatic workflows, documenting data provenance in processes and PIDs for instruments, software etc. (UKRI-STFC, CNR, INRIA, UNIMAN)

Focus on PIDs for data citation with different types of entities, including versioning, collections and hierarchies (LifeWatch, EMBL-EBI, INRAE)

Focus on specific needs regarding kernel metadata and related owner rights (UESSEX-UKDS, EMBL-EBI)

Persistent Identifiers

- PIDs in data production workflows
- PIDs in complex data citation
- PIDs and sensitive data

Scientific reproducibility & machine actionability

Research object type definitions for PIDs

Granularity, versioning, identifier syntax and relations

Topics to be addressed by all subtasks
EOSC PID Policy alignment & support

- Looking into various PID policies, map them and ensure adaptation for different stakeholders
- Delivering guidelines for creating a user tailored EOSC compliant PID policy
- Organising a total of three PID Policy alignment workshops. Next one will be an online workshop focusing on the criteria that PID managers can use to test the quality of their PID infrastructure (date TBD)
PID Implementation program

• Offering practical implementation support to services that are in the process of onboarding the EOSC Core PID services
• Organising a workshop on November 21st titled “EOSC Compliant PID Implementations - Practical Guidelines for Implementing Best Practices” under the November RDA theme
• Delivering a technical EOSC PID implementation guide
Thanks for your attention!

Questions?