eosc | FAIR-IMPACT
Expanding FAIR solutions across EOSC

PIDs in the FAIR-IMPACT project

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WP lead

Funded by the European Union

EOSC is an environment for hosting and processing research data to support EU science

The ambition of the European Open Science Cloud (EOSC) is to provide European researchers, innovators, companies and citizens with a federated and open multi-disciplinary environment where they can publish, find and re-use data, tools and services for research, innovation and educational purposes.

The EOSC enables a step change across scientific communities and research infrastructures towards

- seamless access
- FAIR (Findability, Accessibility, Interoperability and Reusability) management
- reliable reuse of research data and all other digital objects produced along the research life cycle (e.g. methods, software and publications)

The EOSC Association has been set up to provide a single voice for advocacy and represent the broader EOSC stakeholder community.

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EUROPEAN OPEN SCIENCE CLOUD

Expanding FAIR Solutions across Europe

Call HORIZON-INFRA-2021-EOSC-01-05

Enabling discovery and interoperability of federated research objects across scientific communities

36 Month EU funded project started in June 2022

28 partners involved in the project

Coordination and Support Action

4 project management and governance bodies

3 coordination mechanisms

4 Support Tiers to enable adoption and implementation

FAIR-IMPACT overall objective

WHAT:
to realise a FAIR EOSC by supporting the implementation of FAIR-enabling practices across scientific communities and research outputs at a European, national, and institutional level;

HOW:

- identifying current and emerging components for enabling FAIR (practices, policies, tools & technical specifications);
- translating viable solutions, guidelines and frameworks that have been developed for one domain or research output and supporting their application in others;
- taking the next step in implementation by defining the support, governance, and coordination mechanisms required to ensure the continuous function of FAIR-enabling practices in the EOSC.

The Consortium

FAIR-IMPACT Work Packages

Persistent Identifiers

Selection of key tasks

- Setting up a coordination mechanism for PID service providers to help them align services with the EOSC PID policy
- Jointly creating a shared long term vision for PID usage in the EOSC context
- Creation of a blueprint for PID practices in FAIR data management to be explored for adaptation by other communities
- Creation of guidelines to support the definition of EOSC compliant PID policies and PIDs

Key expected outcomes

- More coherent implementation of PIDs and more exact data citation leading to better data quality.
- A broader and more targeted use of PIDs, avoiding creation of zombie identifiers, corrupting trust in PID services and risking galloping costs.
- A well designed use of PIDs for sensitive data (including kernel metadata and rights), enabling research with sensitive data without transferring data across borders or outside secure environments.

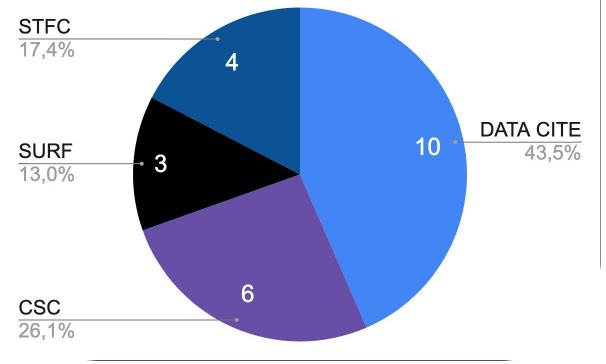
https://fair-impact.eu/wp3-persistent-identifiers

WP 3 PIDs

Task 3.1

DataCite

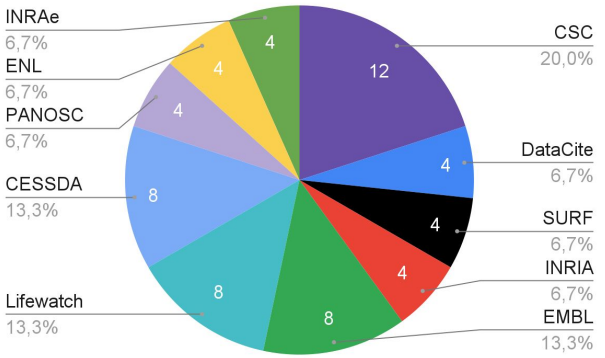
Setting up a coordination mechanism for EOSC PID service providers



Task 3.2

CSC

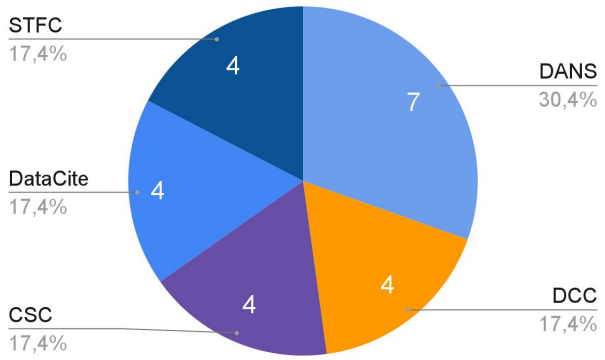
Integration of PID practices into FAIR data management



Task 3.3

DANS

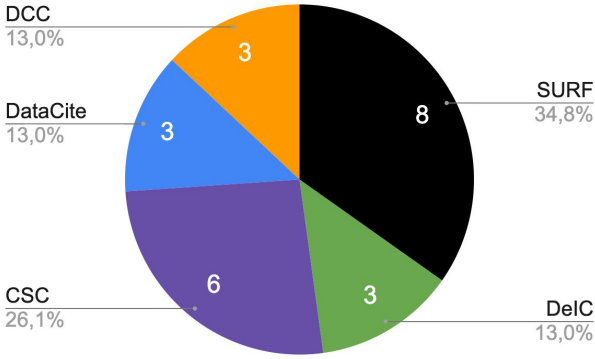
EOSC PID Policy alignment & support



Task 3.4

SURF

PID implementation programme

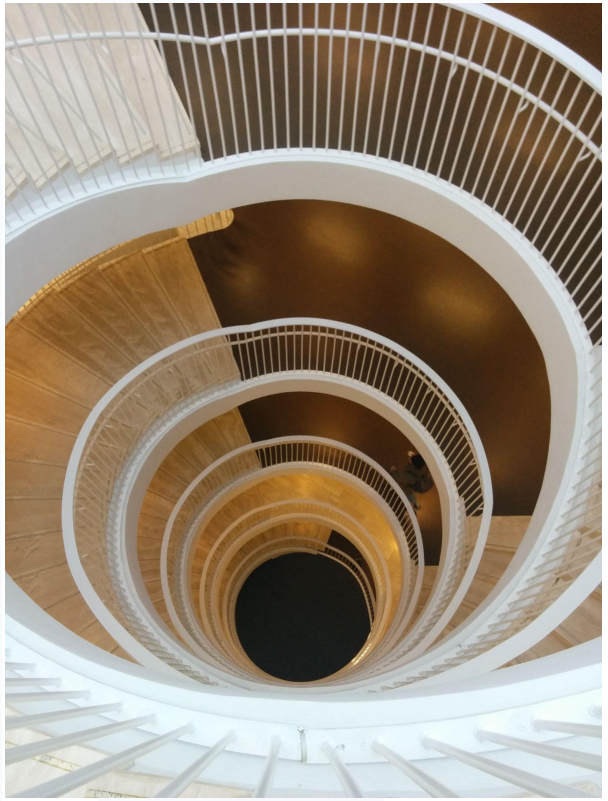


Building on previous work

Many previous projects and many approaches

Many services, discussions and use cases

Close collaboration with the FAIRCORE4ESOC project and the EOSC A PID Task Force



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Towards a shared value proposition for PIDs in EOSC

Helena Cousijn & Gabi Mejias
November 17, 2022

Funded by the European Union

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Task 3.1

DataCite

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

2) EOSC PID providers coordination mechanism proposed (M16)

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

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

PID Value Proposition

We'll discuss in break-out groups:

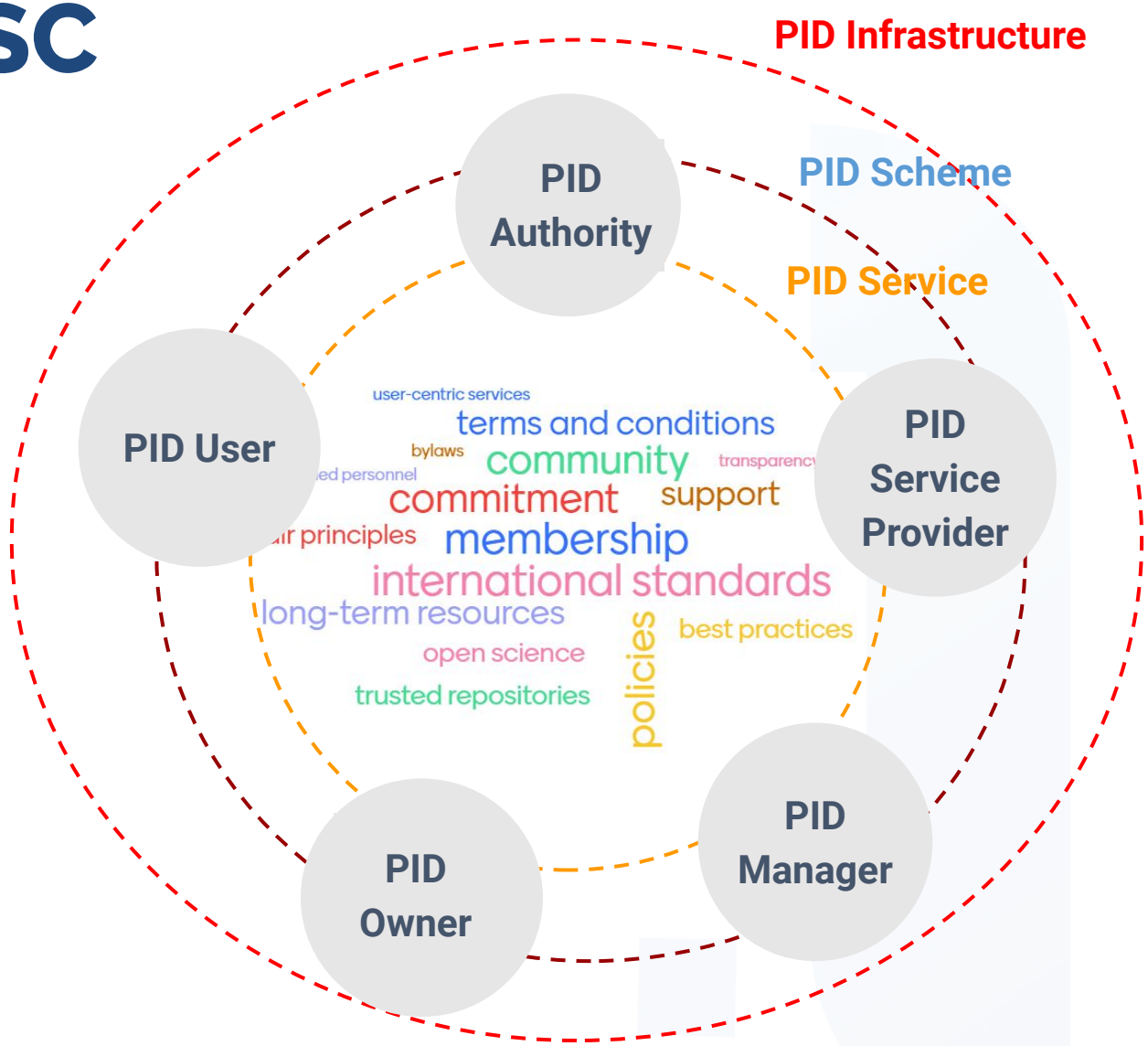
1) Roles as defined by the EOSC PID Policy - and how these apply to existing PID systems & providers

2) Pain Points that PIDs can solve & Benefits of PIDs for EOSC users

3) Value of PIDs for the research ecosystem

Credit: created with crayon.com

PIDs in EOSC



European Commission, Directorate-General for Research and Innovation, Hellström, M., Heughebaert, A., Kotarski, R., et al., *A Persistent Identifier (PID) policy for the European Open Science Cloud (EOSC)*, Publications Office, 2020, **https://data.europa.eu/doi/10.2777/926037**

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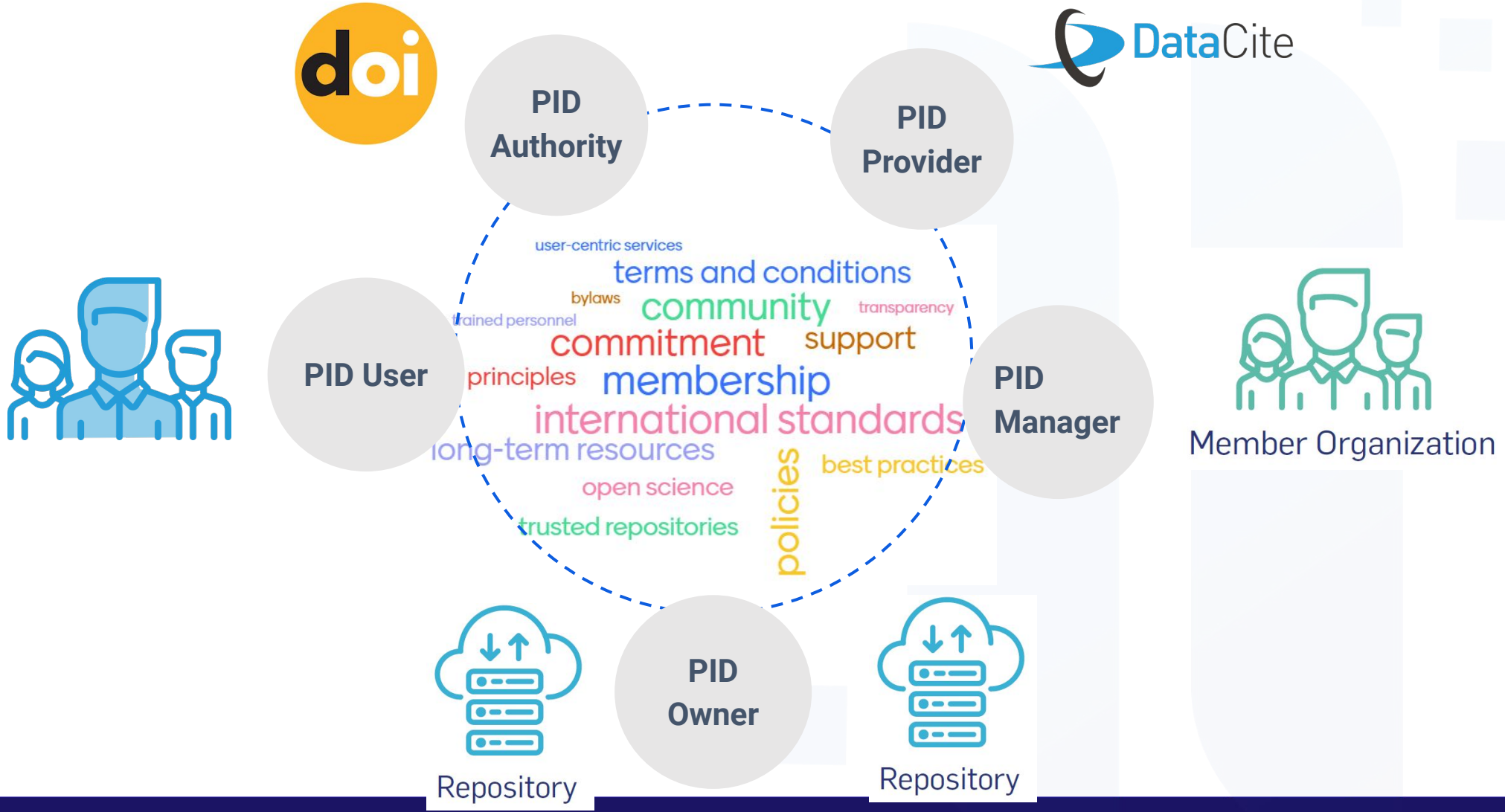
It takes a village



What happens next

1) Task participants will draft a value proposition document based on today's discussion
2) This draft will be shared with participants for further comment
3) There will be a second workshop next year to discuss milestones 2 and 3 related to PID provider participation in EOSC

Want to get involved?

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Thank you!

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