eosc | FAIR-IMPACT
Expanding FAIR solutions across EOSC

Harmonised PID practices for protected data

FAIR-IMPACT Workshop
EOSC Symposium 2023
21 September, 2023

Josefine Nordling, CSC - IT Center for Science
WP lead on Persistent Identifiers

Funded by
the European Union

Agenda

Time	Topic	Presenter
17:05 - 17:10	Welcoming words	Josefine Nordling, CSC (PID WP Lead)
17:10 - 17:20	Introduction to the FAIR-IMPACT project and the work on PIDs	Josefine Nordling, CSC
17:20 - 17:30	Identifiers.org protected data feature	Renato Caminha Juaçaba Neto, EMBL-EBI (PID Use Case)
17:30 - 17:40	Sensitive Data Handling in the Social Sciences	Hervé L'Hours, CESSDA UKDS (PID Use Case)
17:40 - 18:00	Discussion using Mentimeter	
18:00 - 18:05	Closing remarks	Josefine Nordling, CSC

FAIR-IMPACT
A bird's eye view

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

Enabling discovery and interoperability of federated research objects across scientific communities

Expanding FAIR solutions in Europe

Partly following up on FAIRsFAIR

EU funded project

Coordination and Support Action

10 million euro

36 months, starting 1 June 2022

28 partners and affiliate entities

From 10 EU member states: NL, FI, FR, DK, IT, DE, ES, NO, BE, RO

and the UK

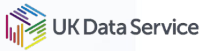
FAIR-IMPACT overall objective

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



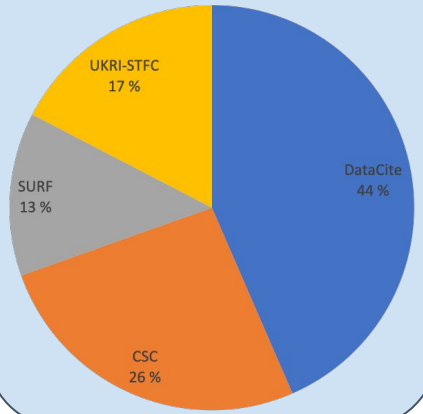
FAIR-IMPACT project design

Tasks on PIDs

Task 3.1

DataCite

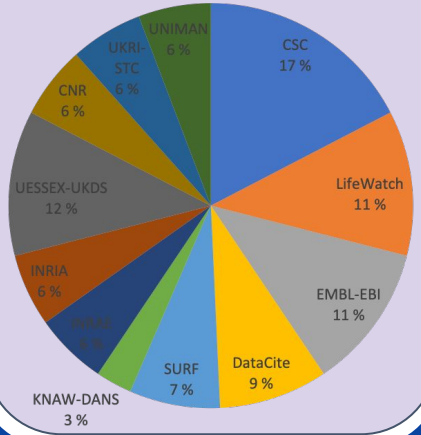
Setting up a coordination mechanism for EOSC PID service providers



Task 3.2

CSC

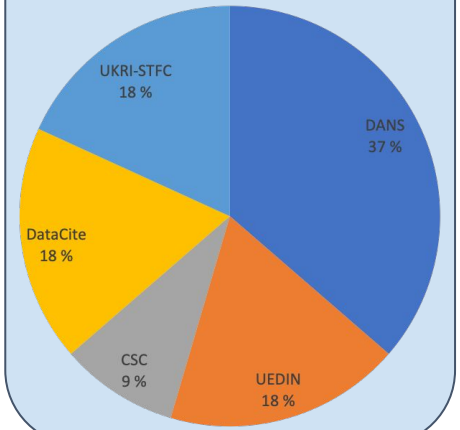
Integration of PID practices into FAIR data management



Task 3.3

DANS

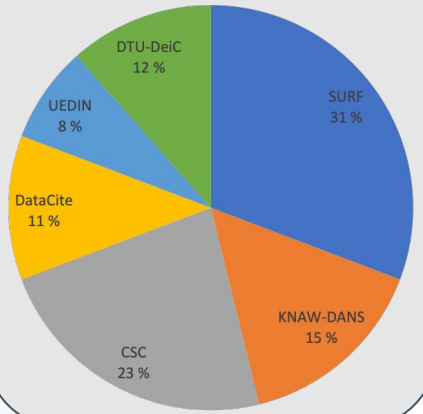
EOSC PID Policy alignment & support



Task 3.4

SURF

PID implementation programme



Coordination with PID Service Providers

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)

DataCite
CONNECTING RESEARCH, IDENTIFYING KNOWLEDGE

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

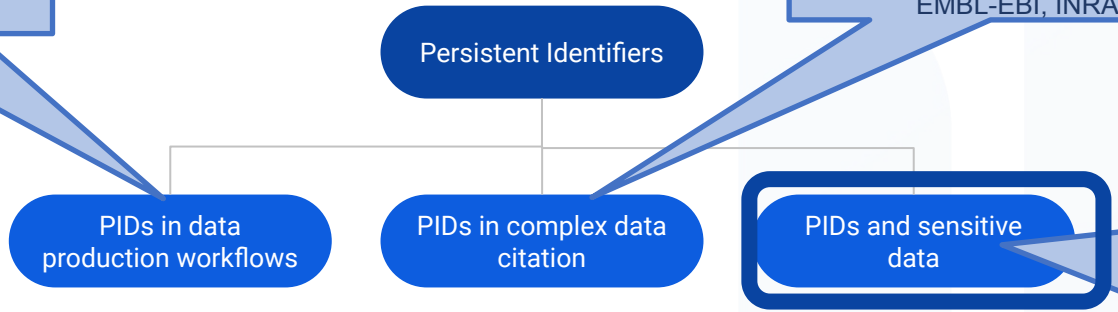
Source: Mindmeister.com

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)

Work Pack



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

Subtasks

Cross-cutting themes

Scientific reproducibility & machine actionability

Research object type definitions for PIDs

Granularity, versioning, identifier syntax and relations

Topics to be addressed by all subtasks

Tools, services & platforms

elixir bio.tools

Identifiers.org Resolution service

swhid

doi

ARCHIVES HAL OUVERTES

Workflow Run RO-Crate

LifeBlock

WorkflowHub

LifeWatch ERIC Metadata Catalogue

ORCID

EcoPortal

Projects, initiatives & communities

cessda

Galaxy

BiCIKL

ICAT

ExPaNDS European Open Science Cloud Photon and Neutron Data Services

BY-COVID beyond covid

FAIRCORE4EOSC Core Components Supporting a FAIR EOSC

EOSC-Life

DataCite

EOSC PID Policy alignment & support

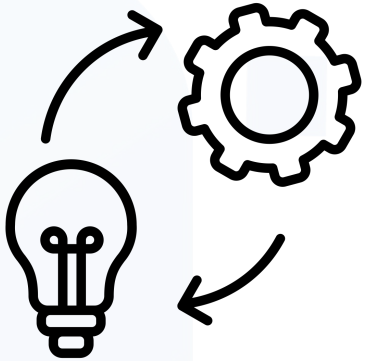
- Looking into various PID policies, map them and ensure adaptation for different stakeholders
- Delivering guidelines for creating a user tailored EOSC compliant PID policy
- Organising a total of three PID Policy alignment workshops. Next one will be an online workshop focusing on the criteria that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

eosc | FAIRCORE4EOSC

Data Archiving and Networked Services
DANS

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



SURF

Thanks for your attention!

Questions?