COPOSC FAIR-IMPACT

National

**Series** 

Germany

24<sup>th</sup> January 2024

**ONLINE WORKSHOP** 

nfdi

Forschungsdaten

Infrastruktur

Roadshow

Expanding FAIR solutions across EOSC

# **FAIR-IMPACT Project**

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National Roadshow Germany 24-01-2024

COCOSC FAIR-IMPACT



# FAIR-IMPACT overall objective: what



### WHAT:

FAIR-IMPACT supports the implementation of FAIR-enabling practices, tools and services,

- across scientific communities
- across research outputs
- at a European, national, and institutional level



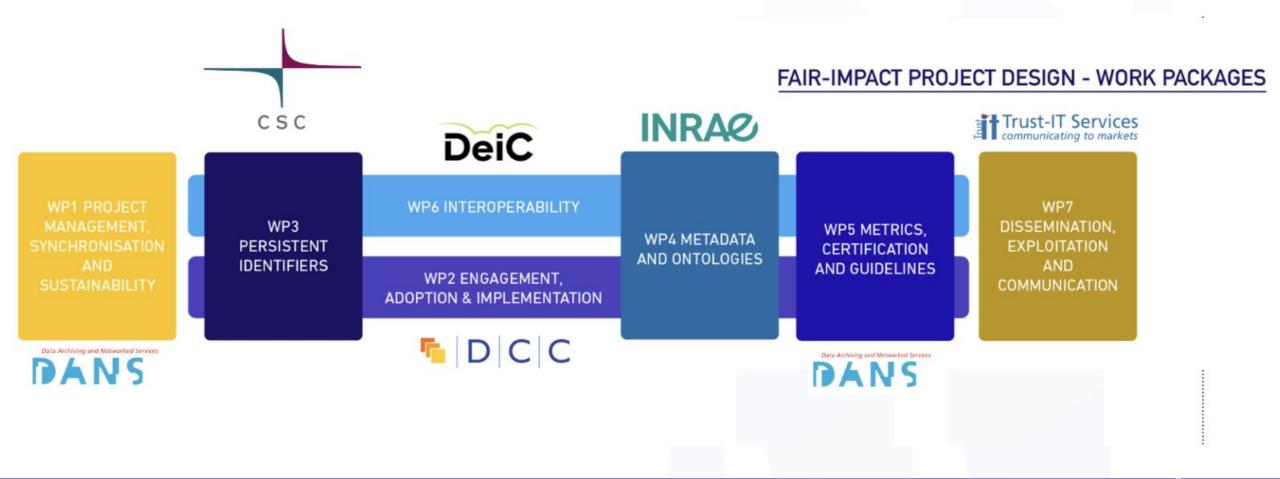


## FAIR-IMPACT overall objective: how

- Engage with a wide range of stakeholders, using multiple coordination and support mechanisms to optimize alignment
- Identify together with domain specific partners current and emerging FAIR-enabling components
- Translate these to be adoptable in other domains or for other types of outputs and support the application in these other fields.
- Define the support, governance and coordination mechanisms that are needed to make sure that all of these what we call FAIR-enabling practices will also continue to function in the EOSC in the future.



## **FAIR-IMPACT project design**





## **FAIR** awareness



- About two thirds have some level of familiarity with the FAIR principles
- More than a third have never heard of them
- Less than 1 out of 5 puts them into practice

https://zenodo.org/communities/erdl21



#### FAIR aligned practices <u>https://op.europa.eu/en/publication-detail/-/publication</u> <u>n/03b5562d-6a35-11ed-b14f-01aa75ed71a1</u>

cquire a persistent identifier for your software or code	51%	22%	9%	18%
Release datasets with a licence	40%	28%	17%	15%
Depositing your data with a repository	34%	40%	18%	8%
Acquire persistent identifiers for your data	41%	31%	19%	9%
Describe your datasets using controlled vocabularies	35%	34%	19%	12%
Use community standards for data or metadata	26%	35%	27%	12%
Develop a data management plan	23%	42%	31%	4%
Make use of a researcher identifier	25%	33%	35%	7%
Look for existing data to reuse	13%	50%	35%	2%
Never Sometimes		0% 40% 50% 60% 7 know / cannot answer	70% 80% 9	0% 100%



#### **WP3 D B Persistent Identifiers** validated and suitable for use in data production workflows;

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in complex data citation; with sensitive data **in multiple domains.** 



Metrics, guidelines and assessment tools validated and suitable for use in multiple domains and for various different of digital objects.



Support interoperability across scientific communities.



Greater and more harmonised use of **semantic artefacts** throughout the EOSC ecosystem, leading to semantic interoperability **within and between disciplines.** 



A range of core building blocks for interoperability in the EOSC, validated and suitable for use in multiple domains.

#### Social Sciences and Humanities The F-UJI tool will be adapted to fit SSH relevant community standards for FAIR Photon & Neutron science

A range of components for cross-domain research data description will be tested

#### Life science

Data provenance will be better documented by extending RO-Crate to practices on PID usage

#### Agri-food

Metadata providers will implement a common API for federating access to semantic artefacts

#### Home /

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## **FAIR-IMPACT Open calls for support**

## Supporting you on your FAIR-enabling journey

The availability of data that are findable, accessible, interoperable and reusable (FAIR) lies at the heart of the European Open Science Cloud (EOSC) vision. FAIR is not a binary concept and cannot be achieved by any single action or actor. Instead, FAIR is a shared journey involving several stakeholders over the entire research lifecycle.



Researchers play a key role in making their outputs FAIR. The organisations who employ them, the funding bodies that financially support and influence the way they work, the research support staff who assist them, and the range of infrastructures used to create, share and curate their outputs also play critical roles. To help foster a FAIR ecosystem, FAIR-IMPACT will support three key stakeholder groups - research performing organisations, repositories and data services providers, and national level initiatives - to begin or progress their FAIR-enabling journeys.

Through our series of open calls, FAIR-IMPACT raises awareness and supports the uptake of existing and emerging tools, solutions and approaches that have been developed through recently completed and ongoing European Commission INFRAEOSC projects and international initiatives such as the Research Data Alliance.

- For those successful applicants from our mentioned key stakeholder groups just getting started on their FAIR-enabling journeys, FAIR-IMPACT provides
  dedicated guidance and one-to-one support to self-assess their current capabilities and to develop FAIR implementation action plans. For more information
  on this support programme, see Route 1 in kind support.
- For those struggling with which tools and/or approaches to use for different purposes and how they should be used most effectively for implementing FAIR, we provide a set of clearly defined support actions that help successful applicants to learn how to use specific tools/methods/approaches, which will help them progress their journey to become FAIR-enabling. For more information, see **Route 2 Cascading grants.**

To register your interest in the open calls and to receive updates as details of the support actions on offer are released, the dates of the promotional webinars on what each support action will provide and application deadlines, please enter your details at the bottom of this page. For any other questions please contact opencalls@fair-impact.eu.



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https://fair-impact.eu/events/f air-impact-events/fair-impact-c ommunity-event

https://fair-impact.eu/delivera bles-milestones

https://zenodo.org/communiti es/fair-impact?g=&l=list&p=1& s=10&sort=newest

# Thank you for your attention!







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