



Data Cite Open Hours



2022

Agenda

History of Collaboration

Service & current activities

FAIRsFAIR

FAIR IMPACT

(re3data COREF)



A few reflections on collaboration and longevity...

Partner wisely.

Establish a solid foundation, especially for lean times.

Communicate and build consensus whenever possible.

Share credit and opportunities generously.

Be and promote “open” - data, APIs, community, etc.

*Individually, we are one drop. Together,
we are an ocean.* -Ryunosuke Satoro



*No one can whistle a symphony.
-H.E. Luccock*

Collaboration

Databib in the United States (IMLS) and re3data in Germany (DFG) funded and launched in 2012

Merger (records, people, functionality) circa 2014

Partnership with DataCite in 2015

International working group

Multidisciplinary editorial board

Many collaborative projects, growth, and new developments over the years



Working group

Roland Bertelmann - GERMANY

Meredith Goins - USA

Maxi Kindling - GERMANY

Rachael Kotarski - UK

Rouven Schabinger - GERMANY

Robert Ulrich - GERMANY

Paul Vierkant - GERMANY

Michael Witt - USA



Editorial board

Catherine Jones - UK

Iris Lindenmann - SWITZERLAND

Jiban K. Pal - INDIA

Rouven Schabinger - GERMANY

Edeltraud Schnepf - GERMANY

Angelika Semrau - GERMANY

Hui Wang - CHINA

Sarah Williams - USA

Michael Witt - USA

Sarah Wright - USA

Impacts

2,908 data repositories cataloged and curated

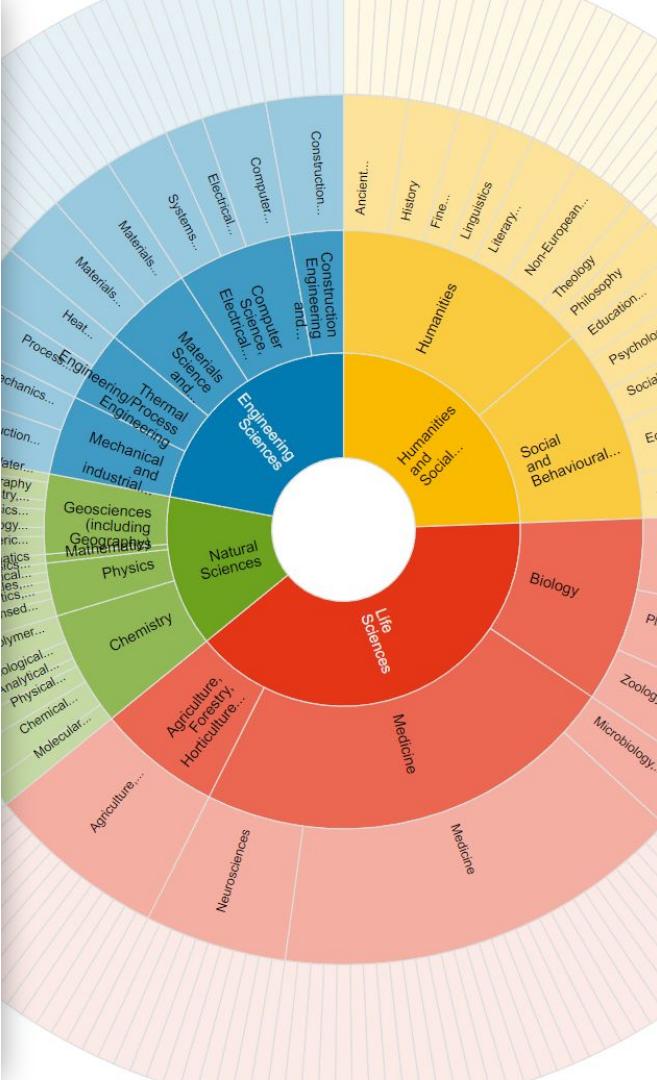
> 50,000 unique visitors each week (*by IP address*)

3,469 editorial tasks performed (*last 7 years*)

559 reference questions answered (*last 7 years*)

Metadata schema for the description of research data repositories (*3 major version releases*)

1,571 known references to re3data in funder and publisher guidelines, resource guides, and scholarly literature in the last ten years ([Zotero](#))





Mission

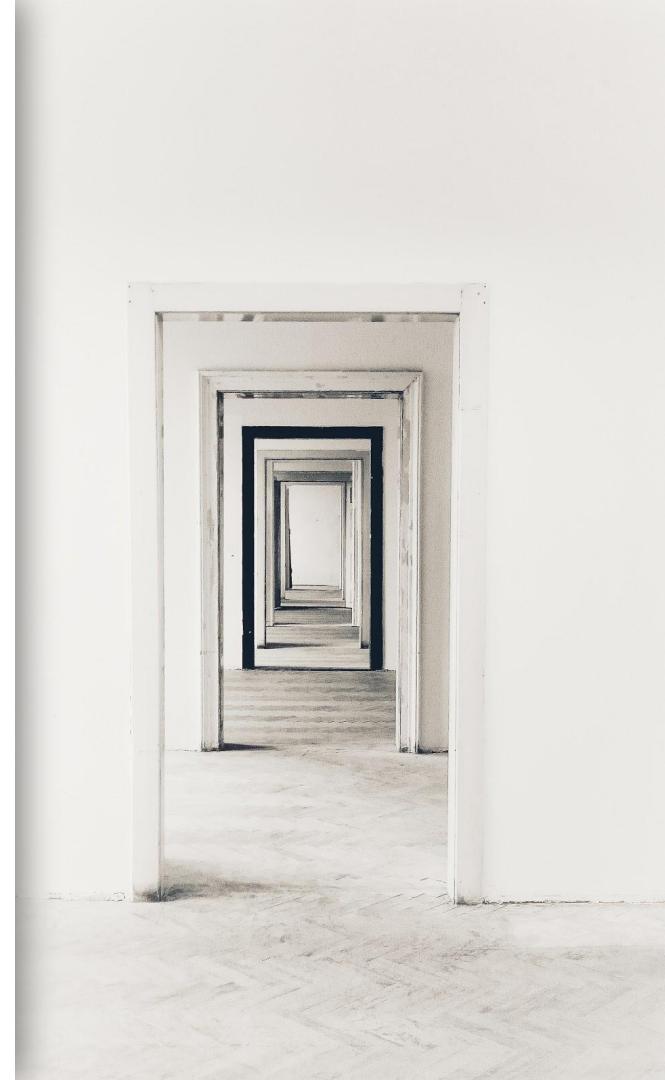
global registry of research data repositories
covers all academic disciplines
presents repositories and portals for the permanent storage and access of research data sets to researchers, funding bodies, publishers and scholarly institutions.
promotes a culture of sharing, increased access and better visibility of research data

Registration Policy

be [run by a legal entity](#), such as a sustainable institution (e.g. library, university)

clarify [access conditions](#) to the data and repository as well as the [terms of use](#)

have [focus on research data](#)





Metadata

42 properties on



General information

Responsibilities

Policies

Legal aspects

Technical standards

Quality standards

Version 3.1: <https://doi.org/10.48440/re3.010>



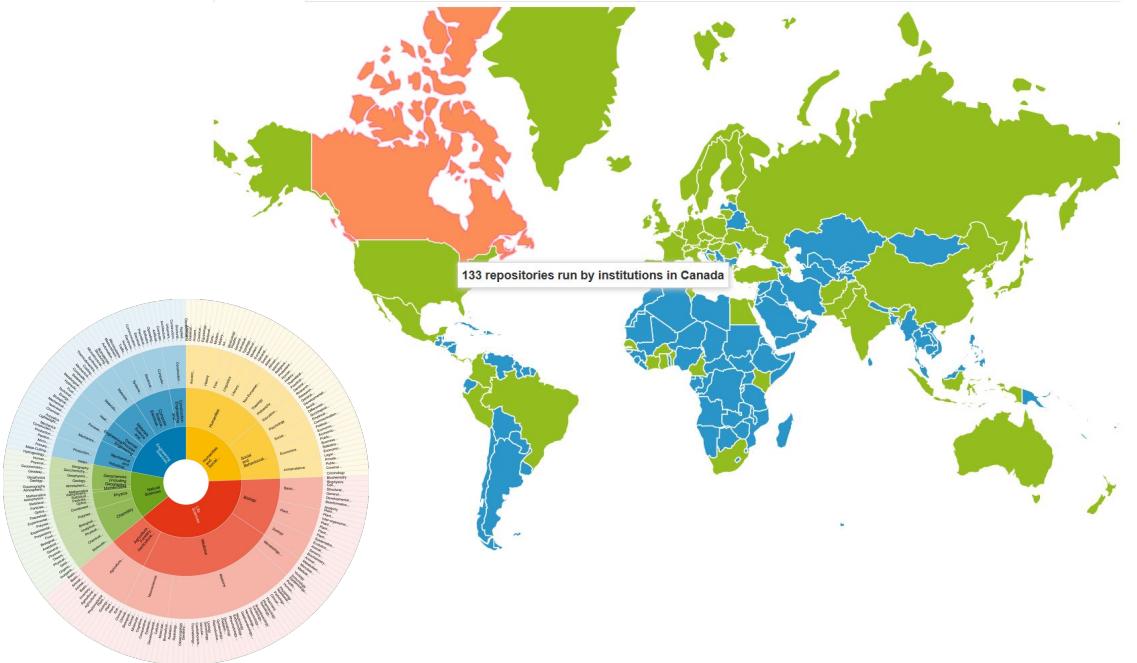
Web

URL: <https://www.re3data.org/>

Search
Facets & Filters
Widget & Badges
API



Browsing





Fostering Fair Data Practices in Europe

- Provide practical solutions for the use of the FAIR data principles throughout the research data life cycle.
- Fostering FAIR data culture and the uptake of good practices in making data FAIR.
- Development of global standards for FAIR certification of repositories and the data within them.
- Contributing to the policies and practices that will turn the EOSC programme into a functioning infrastructure.

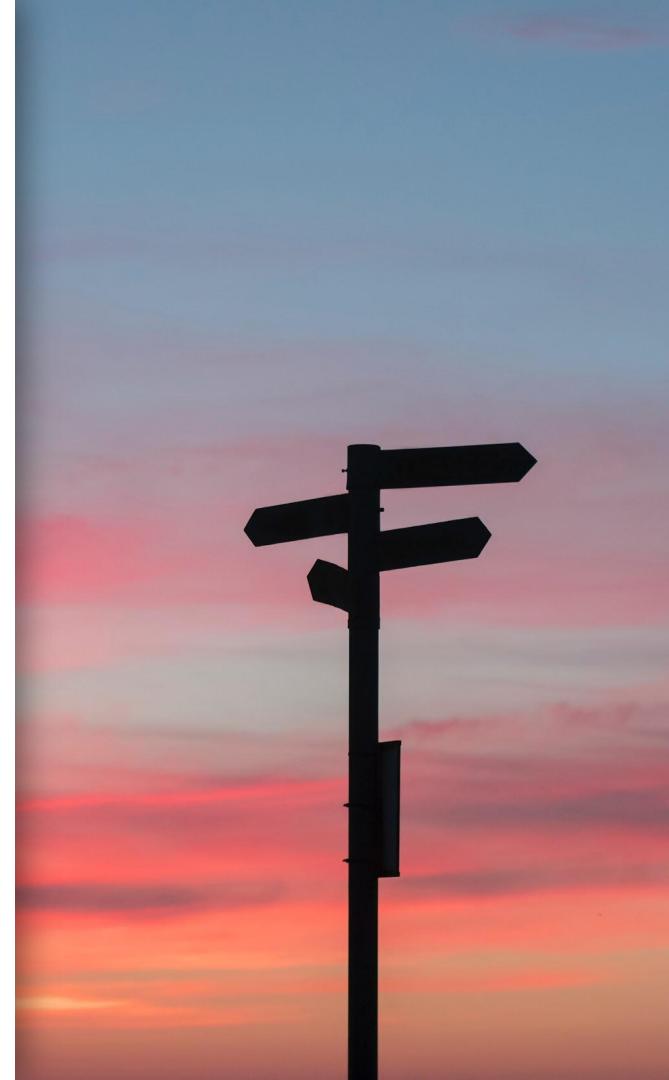


Planning

The aim of this task is to build on and expand DataCite services to find relevant certified repositories.

Deliverable

D4.7 Tools for finding and selecting certified repositories for researchers and other stakeholders [M36; DATAcite]





Key Exploitable Results (KER)

Fostering FAIR Data Practices in Europe ■ Communication Kit ■ [Contact Us](#)

Register ■ [Login](#) ■

FAIRsFAIR community on ZENODO [in](#) [tw](#) [gi](#)

FAIRsFAIR
Fostering Fair Data Practices in Europe

About ■ FAIR Support ■ FAIR Landscape ■ Tools & Software ■ Competence Centre ■ Events ■ Project Outputs ■ Outreach ■

FAIRsFAIR

Practical solutions for the use of FAIR principles throughout the data life cycle

We foster a FAIR data culture and uptake of good practices.

[Read our FAIR stories▶](#)

FAIR-Aware
FAIRsFAIR Data Object Assessment Metrics
F-UJI - Automated FAIR Data Assessment Tool
ACME-FAIR: A Guide For RPO
Repository Discovery In DataCite Commons
CoreTrustSeal + FAIRenabling Capability Maturity Model



<https://www.fairsfair.eu/>

DataCite Commons

DataCite Commons

Type to search...



Pages

Support

Sign In

Works

People

Organizations

Repositories

Go to Repository

Find Related Works

Contacts

<https://www.pangaea.de/contact/>
info@pangaea.de

Share

Email
Twitter
Facebook

PANGAEA

Deposits

656,933

Citations

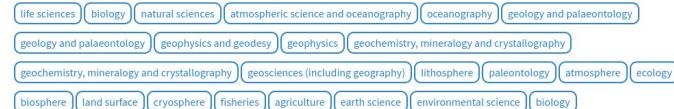
3,490,774

Views

11

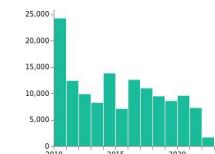
PANGAEA is a data publisher for earth and environmental sciences. PANGAEA currently keeps billions of data items comprised in hundred of thousands trans-disciplinary data sets from all over the world. Since more than 25 years, PANGAEA is one of the leading data centers for data curation, long-term data archiving and publication. In contrast to generic data repositories, data curation at PANGAEA includes editing of deposited data for accuracy by well-trained data editors from the geological and biological domains. Since more than 10 years PANGAEA assigns Digital Object Identifiers (DOI) to datasets. The PANGAEA team support the further development of services for cross-linking data and paper publications as well as evaluating the FAIR-ness of repositories according to the FAIR principles.

Data Access
open
Persistent Identifier
doi
Certificates
CoreTrustSeal
Data Upload
restricted
Provider Type
dataProvider



656,933 Deposits

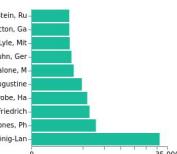
Year of Publication



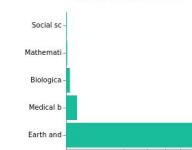
Deposit Type



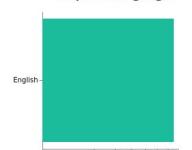
Top Depositors



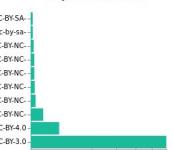
Fields of Science



Deposit Languages



Deposit Licenses





eosc

FAIR-IMPACT

Expanding FAIR solutions across EOSC

With the ambitious goal to realise an EOSC of FAIR data and services, the FAIR-IMPACT project responds to these needs by supporting the implementation of FAIR-enabling practices, tools and services across scientific communities at a European, national and institutional level



PIDs

More coherent implementation of PIDs and more exact data citation to support better data quality



Metadata & Ontologies

Greater and more harmonised use of semantic artefacts, leading to semantic interoperability between disciplines



Metrics

Metrics, assessment tools and Trustworthy Digital Repository requirements extended to a wider range of digital research objects

Funder: European Union

Duration: 36 Month

Partners 29

Kick-off: June 27th / 28th 2022 in Amsterdam



FAIR-IMPACT

Expanding FAIR solutions across EOSC



WP3
Persistent Identifiers
validated and suitable for use
in data production workflows;
in complex data citation;
with sensitive data
in multiple domains.



WP5
Metrics, guidelines
and assessment tools
validated and suitable for
use in multiple domains and
for various different of digital objects.



Use Case Partners

Science & Technology
Facilities Council

MANCHESTER
1824
The University of Manchester

EMBL-EBI

LifeWatch
ERIC

Italian National
Research Council

cessda

UK Data Service

NSD
NORSK SENTER FOR
DATAANALYSE

will:

Co-design solutions;
Ensure disciplinary diversity;
Share domain-relevant community
standards and practices;
Act as domain ambassadors;
Support interoperability across
scientific communities.



WP4
Greater and more harmonised
use of **semantic artefacts**
throughout the EOSC
ecosystem, leading to semantic
interoperability **within and**
between disciplines.



WP6
A range of core **building blocks**
for interoperability in the
EOSC, validated and suitable
for use in multiple domains.



FAIR-IMPACT

Expanding FAIR solutions across EOSC



<https://fair-impact.eu/>

So Long, and Thanks for All the Fish

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Twitter: [@re3data](https://twitter.com/re3data)

