OxFOS
5 March 2026

Cultivating FAIR data across disciplines: Examples of collaborative initiatives and practical tools

Susanna-Assunta Sansone
(ORCiD: 0000-0001-5306-5690)
Academic Lead for Research Practice;
Professor of Data Readiness, Department of Engineering Science; Director, Oxford e-Research Centre.
University of Oxford.

Dan Crane
(ORCiD: 0000-0002-7197-0974)
Head of Research Data Management, Open Scholarship Support, Bodleian Libraries.
University of Oxford.

Almost a decade of FAIR principles

www.nature.com/scientificdata

SPRINGER NATURE

SCIENTIFIC DATA

Amended: Addendum

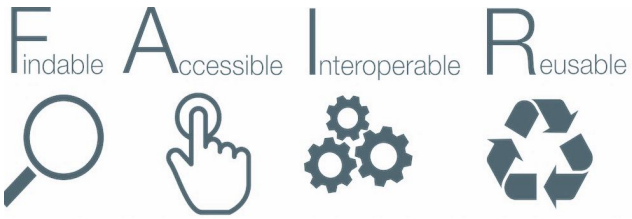
OPEN

SUBJECT CATEGORIES
» Research data
» Publication characteristics

Comment: The FAIR Guiding Principles for scientific data management and stewardship

Mark D. Wilkinson[1], Michel Dumontier[2], IJsbrand Jan Aalbersberg[3], Gabrielle Appleton[3], Myles Axton[4], Arie Baak[5], Niklas Blomberg[6], Jan-Willem Boiten[7], Luiz Bonino da Silva Santos[8], Philip E. Bourne[9], Jildau Bouwman[10], Anthony J. Brookes[11], Tim Clark[12], Mercè Crosas[13], Ingrid Dillo[14], Olivier Dumon[3], Scott Edmunds[15], Chris T. Evelo[16], Richard Finkers[17], Alejandra Gonzalez-Beltran[18], Alasdair J.G. Gray[19], Paul Groth[3], Carole Goble[20], Jeffrey S. Grethe[21], Jaap Heringa[22], Peter A.C. 't Hoen[23], Rob Hooft[24], Tobias Kuhn[25], Ruben Kok[22], Joost Kok[26], Scott J. Lusher[27], Maryann E. Martone[28], Albert Mons[29], Abel L. Packer[30], Bengt Persson[31], Philippe Rocca-Serra[18], Marco Roos[32], Rene van Schaik[33], Susanna-Assunta Sansone[18], Erik Schultes[34], Thierry Sengstag[35], Ted Slater[36], George Strawn[37], Morris A. Swertz[38], Mark Thompson[32], Johan van der Lei[39], Erik van Mulligen[39], Jan Velterop[40], Andra Waagmeester[41], Peter Wittenburg[42], Katherine Wolstencroft[43], Jun Zhao[44] & Barend Mons[45,46,47]

SCIENTIFIC DATA | 3:160018 | DOI: 10.1038/sdata.2016.18



To enhance the value of all digital resources and their reuse by **humans and machines**

Spotlight of good data management practices

www.nature.com/scientificdata

SPRINGER NATURE

SCIENTIFIC DATA

Amended: Addendum

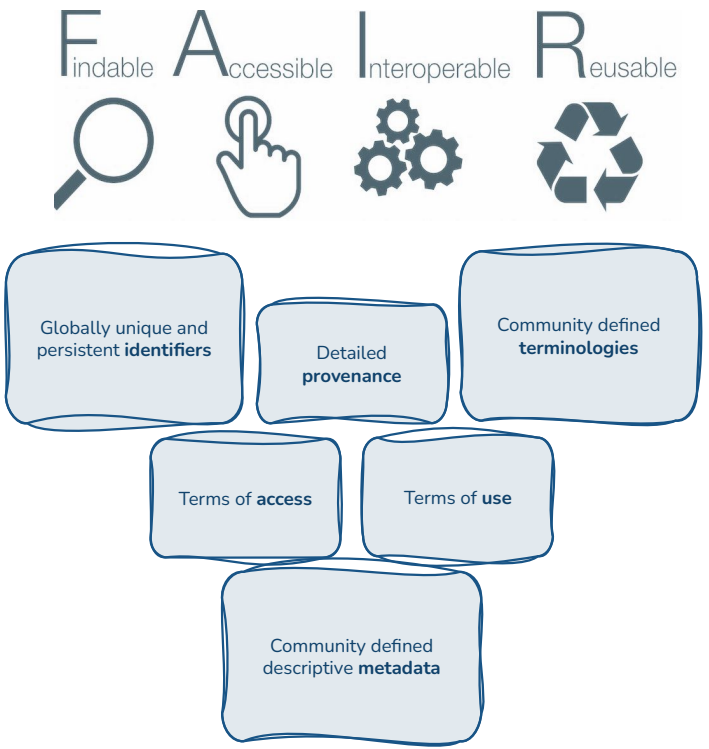
OPEN

SUBJECT CATEGORIES
» Research data
» Publication characteristics

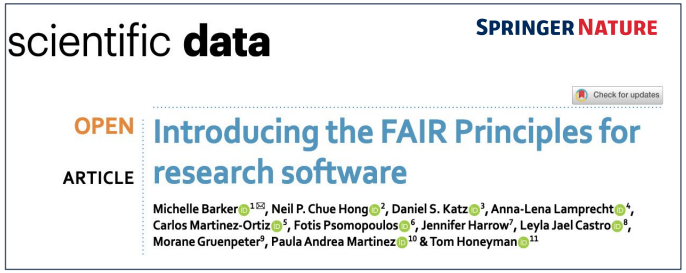
Comment: The FAIR Guiding Principles for scientific data management and stewardship

Mark D. Wilkinson[1], Michel Dumontier[2], IJsbrand Jan Aalbersberg[3], Gabrielle Appleton[3], Myles Axton[4], Arie Baak[5], Niklas Blomberg[6], Jan-Willem Boiten[7], Luiz Bonino da Silva Santos[8], Philip E. Bourne[9], Jildau Bouwman[10], Anthony J. Brookes[11], Tim Clark[12], Mercè Crosas[13], Ingrid Dillo[14], Olivier Dumon[3], Scott Edmunds[15], Chris T. Evelo[16], Richard Finkers[17], Alejandra Gonzalez-Beltran[18], Alasdair J.G. Gray[19], Paul Groth[3], Carole Goble[20], Jeffrey S. Grethe[21], Jaap Heringa[22], Peter A.C. 't Hoen[23], Rob Hooft[24], Tobias Kuhn[25], Ruben Kok[22], Joost Kok[26], Scott J. Lusher[27], Maryann E. Martone[28], Albert Mons[29], Abel L. Packer[30], Bengt Persson[31], Philippe Rocca-Serra[18], Marco Roos[32], Rene van Schaik[33], Susanna-Assunta Sansone[18], Erik Schultes[34], Thierry Sengstag[35], Ted Slater[36], George Strawn[37], Morris A. Swertz[38], Mark Thompson[32], Johan van der Lei[39], Erik van Mulligen[39], Jan Velterop[40], Andra Waagmeester[41], Peter Wittenburg[42], Katherine Wolstencroft[43], Jun Zhao[44] & Barend Mons[45,46,47]

SCIENTIFIC DATA | 3:160018 | DOI: 10.1038/sdata.2016.18

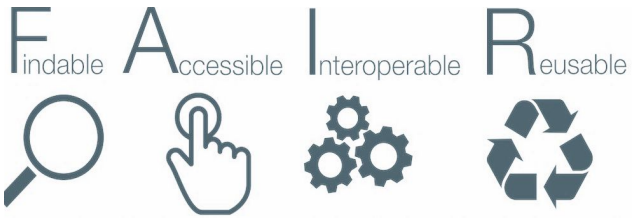


Widespread adoption across domains and various stakeholders



https://doi.org/10.1038/s41597-022-01710-x

https://doi.org/10.1038/s41597-023-02298-6



Beyond data to software, training, instruments, AI/Machine Learning models, organisations etc.

Numerous projects and institutional, national, international, thematic, initiatives

Required by funders, publishers, and at organizational level in all sectors, including:

UKRI's research data policy

Horizon Europe 2028 - 2034

The boundary of responsibility in FAIR data management do not end at the frontier of AI

ChatGPT 5 Edu Image Oct 29

Department for Science, Innovation & Technology

Policy paper

AI for Science Strategy

Published 20 November 2025

https://www.gov.uk/government/publications/ai-for-science-strategy/ai-for-science-strategy

The AlphaFold breakthrough example

AI did not use raw data, but FAIR data:

- **machine-readable structured, curated model of data and metadata** representing a 3D model of a proteins
- available in a **standard format** (mmCIF/PDBx)
- served in the **open repository** (PDB)

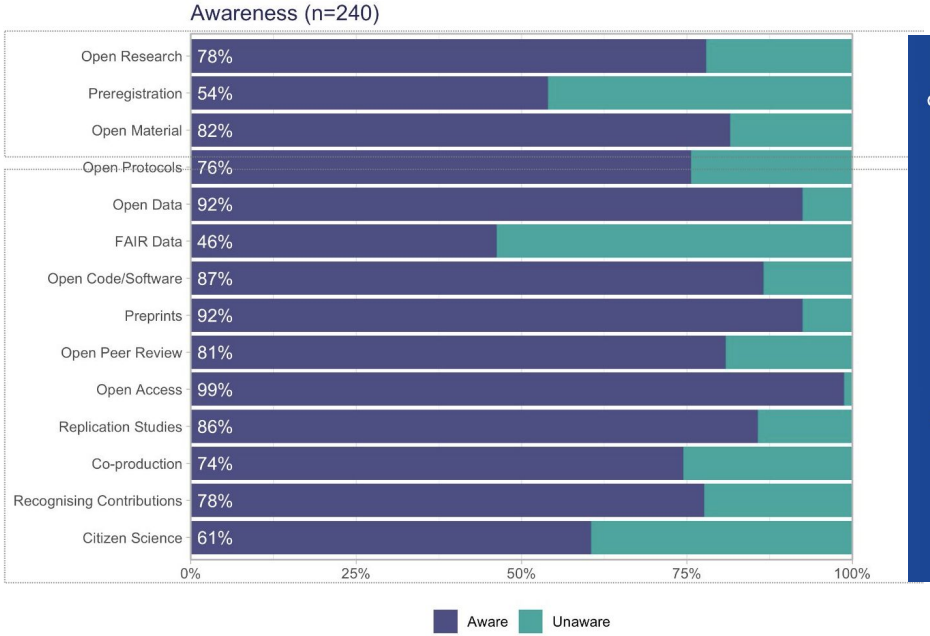
FAIR awareness and use: still work to be done

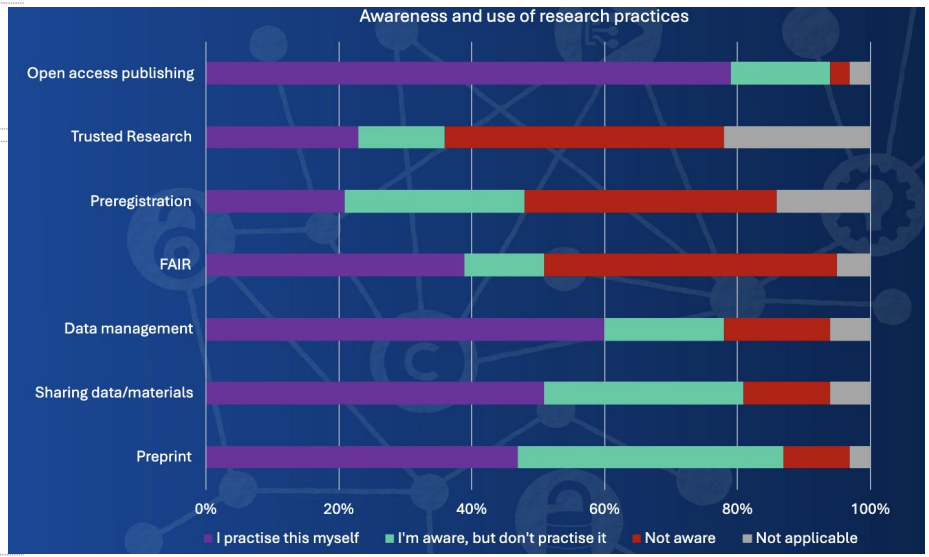
Dr Jackie Thompson
Open Outreach manager
OFFICE FOR OPEN RESEARCH
BODLEIAN LIBRARIES

UK RN UK Reproducibility Network

2025 surveys

UNIVERSITY OF OXFORD





UNIVERSITY OF OXFORD

FAIR is one of the areas of focus of the University Research Practice Programme

https://www.ox.ac.uk/research/support-researchers/research-practice

Advancing FAIR practices: our session

Services for FAIR assistance and assessment

FAIRsharing.org

FAIRassist

ORA-FAIRsharing - FAIR assistance for institutional repositories

ORA OXFORD UNIVERSITY RESEARCH ARCHIVE

FAIR sharing.org

Editorial Reference Handbook and Data Availability Statement interventions

TIER 2

Championing FAIR resources and practices with the Research Data Alliance Ambassadors

RDA RESEARCH DATA ALLIANCE

UNIVERSITY OF OXFORD

Advancing FAIR practices: primary audience for each talk

Services for FAIR assistance and assessment

FAIRsharing.org

FAIRassist

Primary users ***research support staff*** and data stewards

Informative for ***researchers***

ORA-FAIRsharing - FAIR assistance for institutional repositories

ORA OXFORD UNIVERSITY RESEARCH ARCHIVE

FAIR sharing.org

Primary users ***research support staff, data stewards***, other ***institutional repositories***

Informative for ***researchers***

Primary users ***publishers***

Informative for ***authors*** and ***reviewers***

Editorial Reference Handbook and Data Availability Statement interventions

TIER 2

Anyone interested in connecting with a wider group of researchers advocating for discipline-specific applications of FAIR practice

Championing FAIR resources and practices with the Research Data Alliance Ambassadors

RDA RESEARCH DATA ALLIANCE

UNIVERSITY OF OXFORD

OxFOS
5 March 2026

FAIRsharing.org

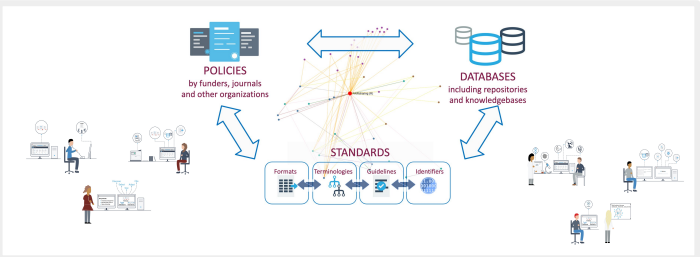
Allyson Lister, *Content & Community Lead* | ORCiD: 0000-0002-7702-4495
Milo Thurston, *Technical Lead* | ORCiD: 0000-0002-6468-9260
Susanna-Assunta Sansone, *PI* | ORCiD: 0000-0001-5306-5690

On behalf of the
FAIRsharing Team

UNIVERSITY OF OXFORD

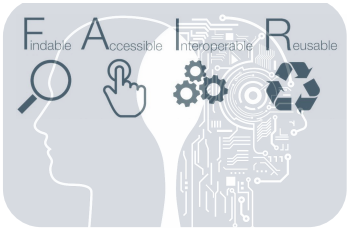
Outline

FAIRsharing as a registry



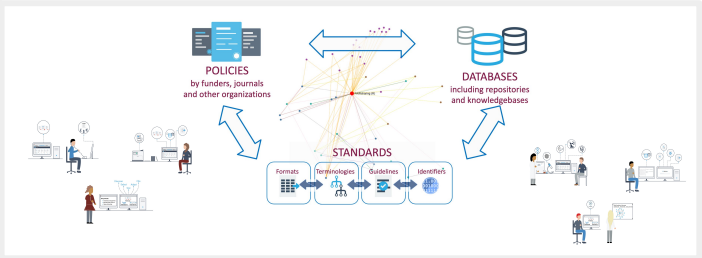
Knowledge in action

Towards AI ready content



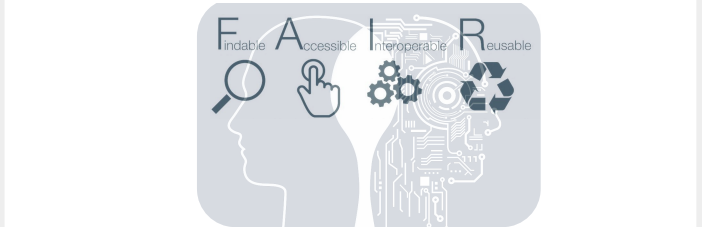
Outline

FAIRsharing as a registry



Knowledge in action

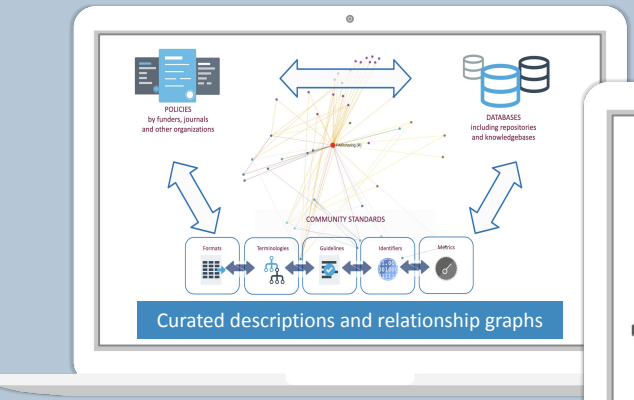
Towards AI ready content

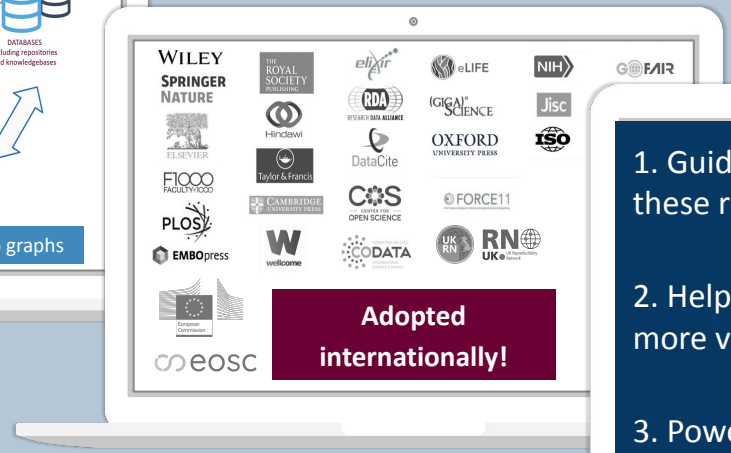


FAIRsharing.org

standards, databases, policies

A manually curated, informative and educational resource on data and metadata **standards**, inter-related to **databases** and data **policies - for all disciplines**





1. Guides ***consumers*** to discover, select and use these resources with confidence

2. Helps ***producers*** to make their resources more visible, more widely adopted and cited

3. Powers ***third party tools*** by providing trustworthy content to promote standards and databases

FAIRsharing in numbers

1114

Contributors

Our community of record maintainers and curators

5858

Records

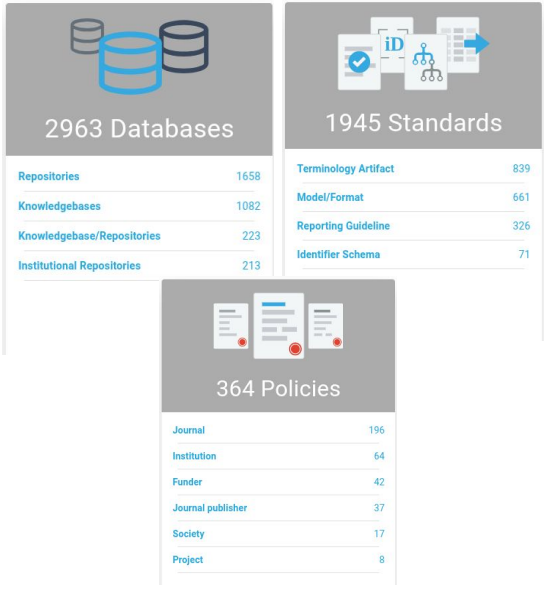
Descriptions of standards, databases and policies

1M

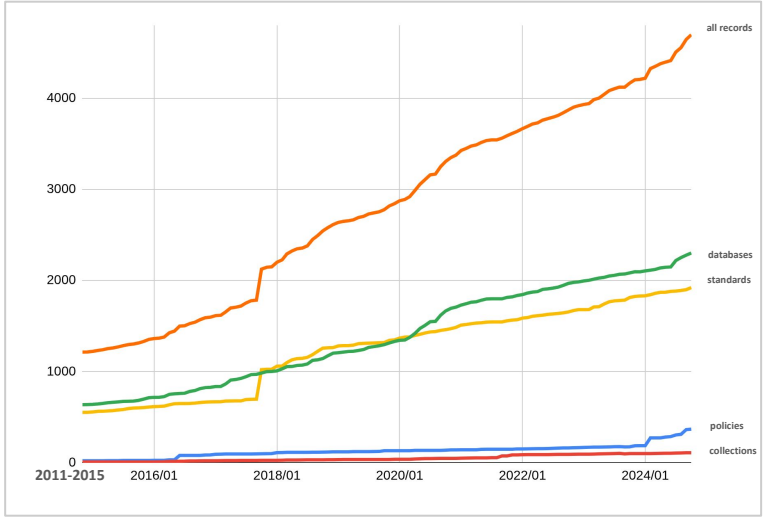
Views

Page visits since 2015

Types and subtypes



Growth since launch



Disciplines

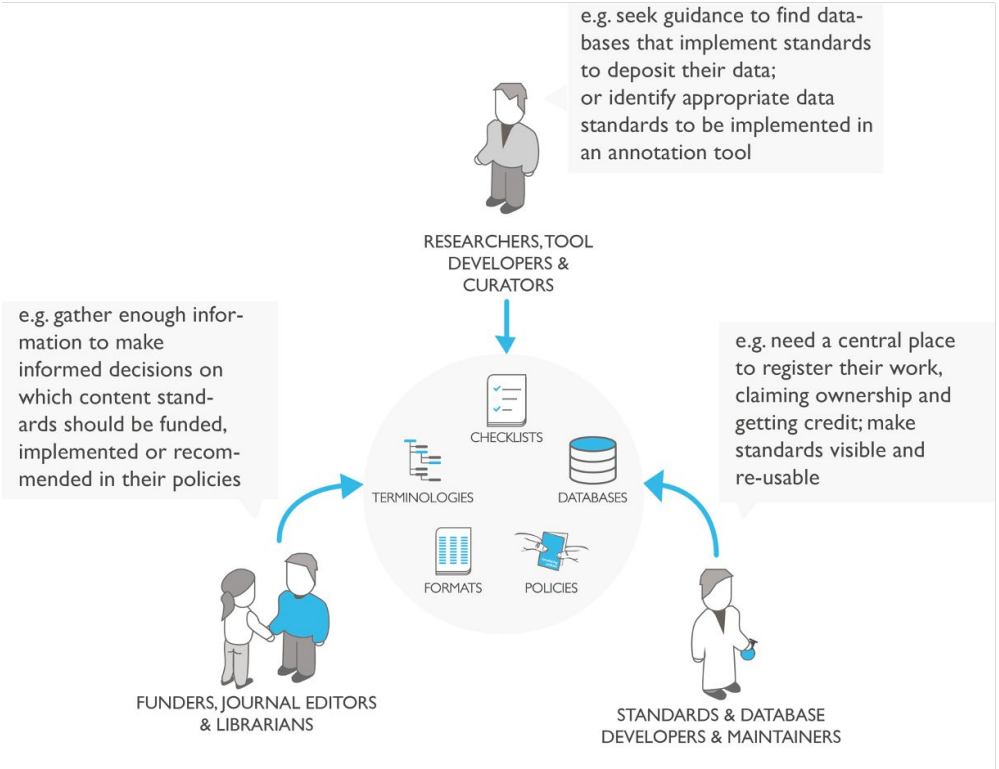
Engineering Science	2954
Natural Science	11721
Subject Agnostic	646
Humanities and Social Science	1413

FAIRsharing.org Educational

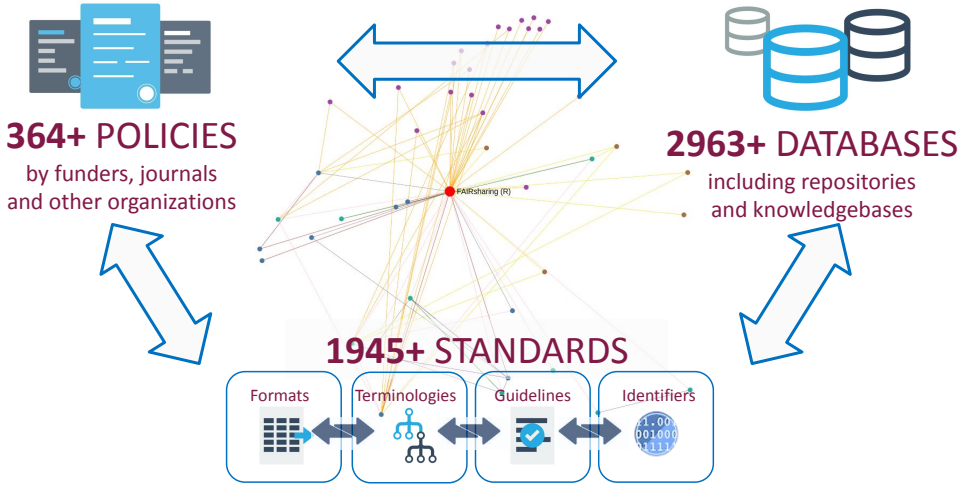
The problems we address

It is not easy to identify the appropriate **standards**, to know which **databases** implement them,

and make informed decisions on which standards to use or recommend!



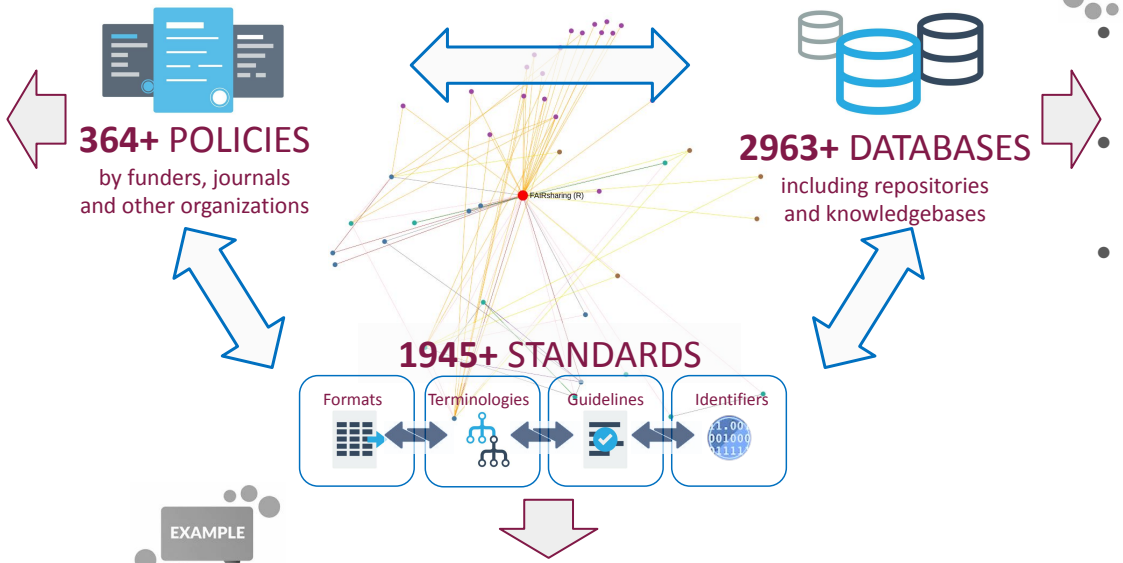
Standards and databases are the pillars of the FAIR Principles



From content to knowledge: the value of relationships

EXAMPLE

- ***Extend*** other **policies** to provide additional constraints
- ***Recommend*** **databases** and **standards** that align with their requirements



EXAMPLE

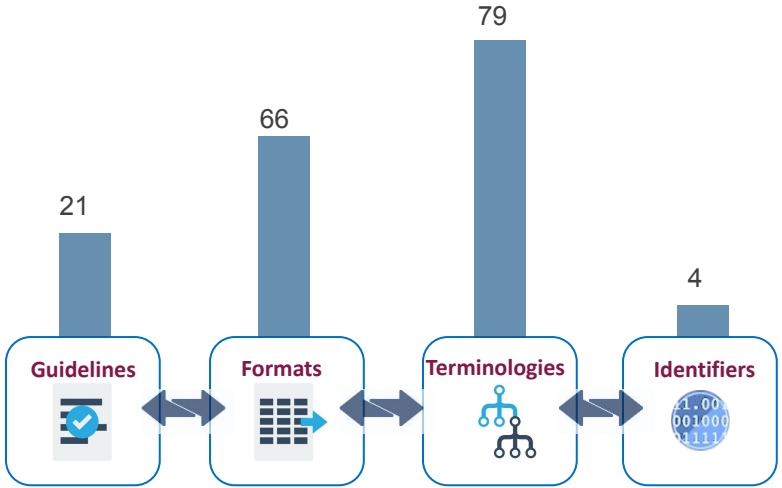
- ***share data*** from a primary to a secondary **database** for analysis, data exchange
- ***share the same code base*** among **databases** built on the same software
- ***implement*** **standards** and be ***recommended by*** **policies**

EXAMPLE

- be grouped together, e.g. packages
- ***extend*** or ***profile*** other standards
- be ***implemented by*** **databases** and ***recommended by*** **policies**

FAIRsharing.org Educational

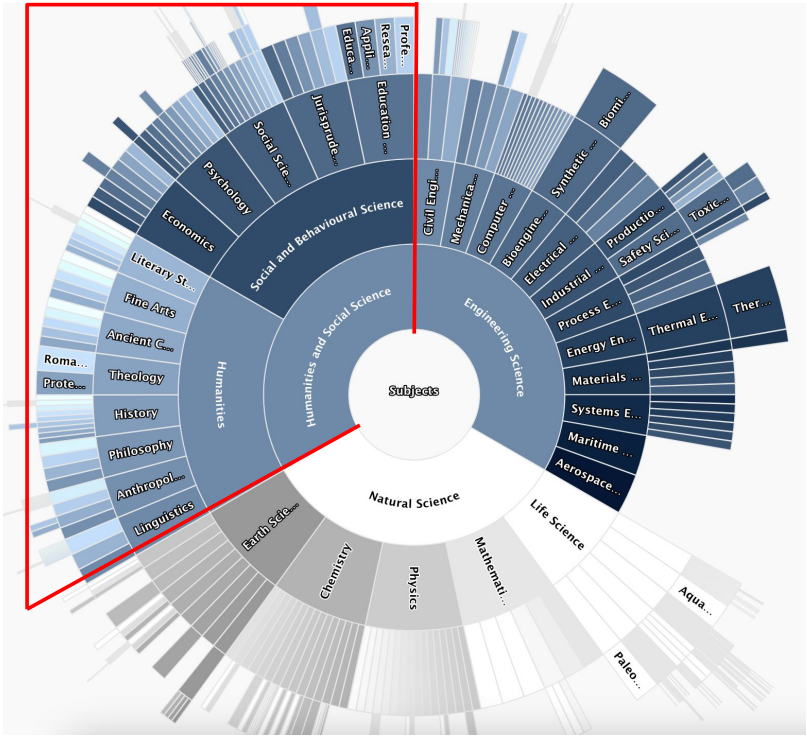
Focus on SSH: standards and databases numbers and maturity



170 standards

Total of 56 standards implemented by at least 1 database

Out of which 29 are terminologies



Working with the European Life Science research infrastructure

LIFE SCIENCE RI | Life Science

To **curate** the **descriptions** and **visualise** the **relations** of their **databases** and the data/metadata **standards** the clusters implement

Collection URL: fairsharing.org/graph/6457 (partial screenshot); each record has a DOI

- Deprecates
- Recommends
- Collects
- Profiles
- Accepts
- Outputs
- Shares code with
- Shares data with
- Implements
- Extends
- Related to

Registry

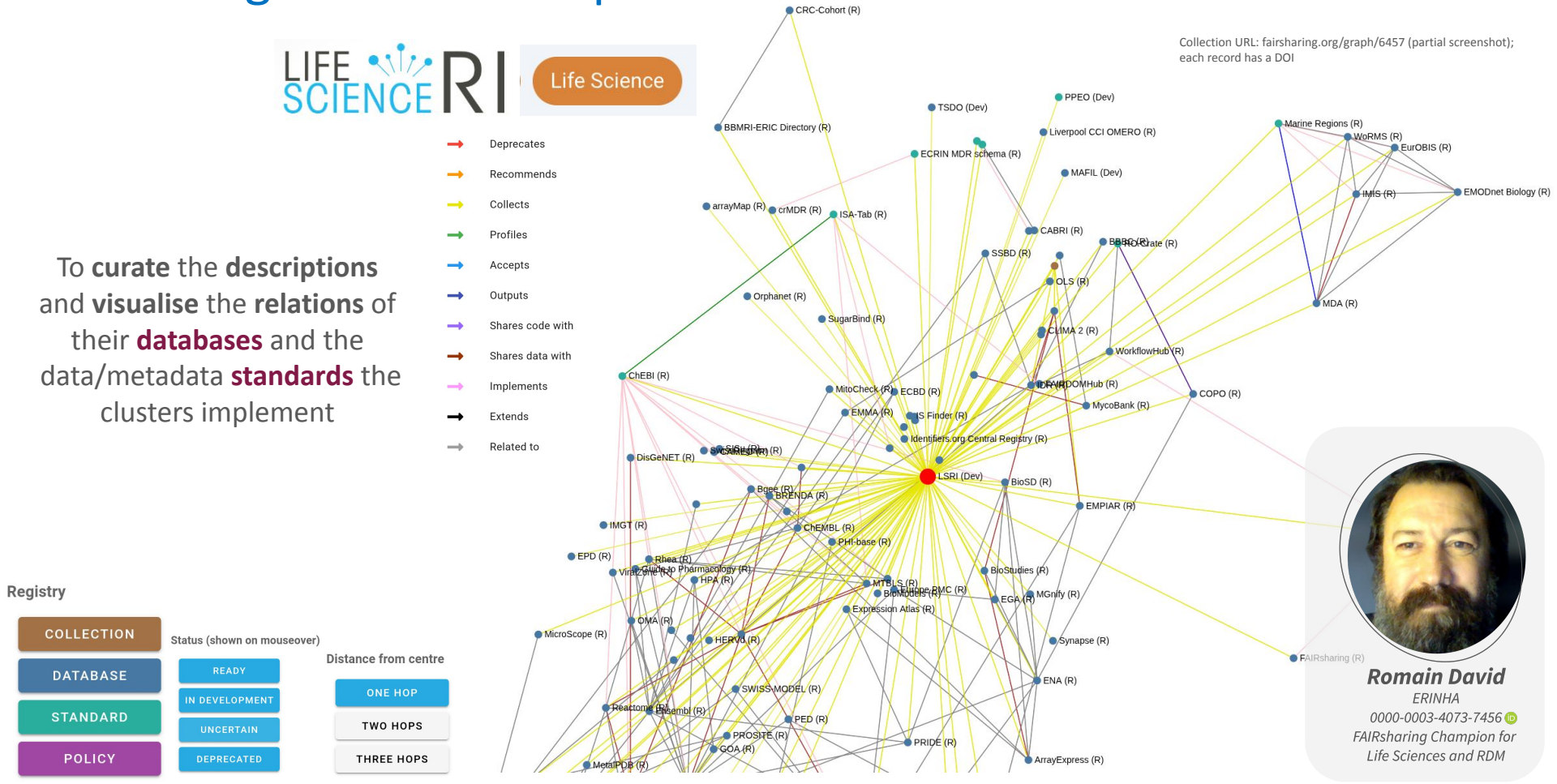
- COLLECTION
- DATABASE
- STANDARD
- POLICY

Status (shown on mouseover)

- READY
- IN DEVELOPMENT
- UNCERTAIN
- DEPRECATED

Distance from centre

- ONE HOP
- TWO HOPS
- THREE HOPS



Romain David
ERINHA
0000-0003-4073-7456
FAIRsharing Champion for Life Sciences and RDM

Working with the European Astronomy research infrastructure

International Virtual Observatory Alliance — Astrophysics And Astronomy

HiPS
Hierarchical Progressive Survey
The HiPS format is a hierarchical scheme for the description, storage and access of sky survey data. The system is based on hierarchical tiling of sky regions at finer and finer spati...
Astronomy... Not applic...
Linked Collections 1
Linked Databases 0
Linked Policies 0
Linked Standards 3

VOSI
IVOA Support Interfaces
IVOA Support Interfaces (VOSI) describes the minimum interface that a web service requires to participate in the IVOA. Note that this is not required of standard VO servic...
Astronomy... Web Service Not applic...
Linked Collections 1
Linked Databases 0
Linked Policies 0
Linked Standards 8

VOSpace
VOSpace Service Specification
VOSpace is the IVOA interface to distributed storage. This specification presents the second RESTful version of the interface. It specifies how VO agents and applications can u...
Astronomy... Web Service Not applic...
Linked Collections 1
Linked Databases 0
Linked Policies 0
Linked Standards 6

SSO - Authentication
IVOA Single-Sign-On Profile: Authentication Mechanisms
Single-Sign-On Profile: Authentication Mechanisms is a guideline describing approved client-server authentication mechanisms for the IVOA single-sign-on profile. The...
Astronomy... Not applic...
Linked Collections 1
Linked Databases 0
Linked Policies 0
Linked Standards 6

Vocabularies in the Virtual Observatory
The Vocabularies in the Virtual Observatory (VO) document specifies a standard format for vocabularies based on the W3C's Resource Description Framework (RDF) and Simp...
Astronomy... Not applic...
Linked Collections 1
Linked Databases 1
Linked Policies 0
Linked Standards 5

ADQL
Astronomical Data Query Language
The Astronomical Data Query Language (ADQL) is the language used by the IVOA to represent astronomy queries posted to VO services. The IVOA has developed sever...
Astronomy... Not applic...
Linked Collections 1
Linked Databases 2
Linked Policies 0
Linked Standards 11

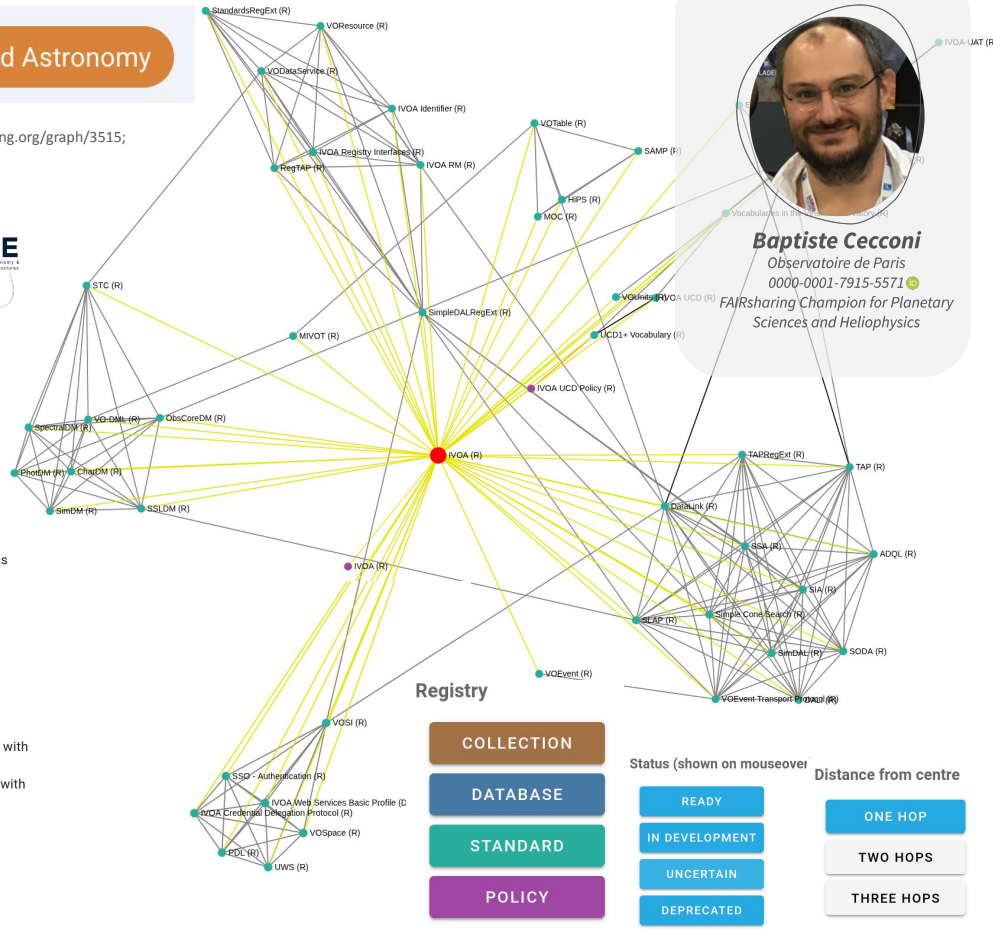
MOC
HEALPix Multi-Order Coverage Map
This document describes the Multi-Order Coverage map method (MOC) to specify arbitrary sky regions. The goal is to be able to provide a very fast comparison mechanis...
Astronomy... Not applic...
Linked Collections 1
Linked Databases 0
Linked Policies 0
Linked Standards 3

SAMP
Simple Application Messaging Protocol
SAMP is a messaging protocol that enables astronomy software tools to interoperate and communicate. IVOA members have recognised that building a monolithic tool th...
Software A... Astronomy... Web Service Not applic...
one more tag
Linked Collections 1
Linked Databases 3
Linked Policies 0
Linked Standards 3

DALI
Data Access Layer Interface
The Data Access Layer Interface (DALI) standard defines the base web service interface common to all Data Access Layer (DAL) services. This standard defines the behaviour ...
Astronomy... Web Service Not applic...
Linked Collections 1
Linked Databases 0
Linked Policies 0
Linked Standards 11

Collection URL: fairsharing.org/graph/3515;
each record has a DOI

ESCAPE
European Science Cluster of Astronomy & Particle physics ESFRI research infrastructures



- Deprecates
- Recommends
- Collects
- Profiles
- Accepts
- Outputs
- Shares code with
- Shares data with
- Implements
- Extends
- Related to

Registry

COLLECTION
DATABASE
STANDARD
POLICY

Status (shown on mouseover)
READY
IN DEVELOPMENT
UNCERTAIN
DEPRECATED

Distance from centre
ONE HOP
TWO HOPS
THREE HOPS

Baptiste Cecconi
Observatoire de Paris
0000-0001-7915-5571
FAIRsharing Champion for Planetary Sciences and Heliophysics

Collecting standards and repositories developed to enable reporting/sharing of AI R&D

STANDARDS 45

EXAMPLES

REPOSITORIES 21

Checklist for Artificial Intelligence in Medical Imaging (CLAIM)
Awaiting DOI
NEW
Reporting guideline

Life Science

DOME Registry Data, Optimization, Model and Evaluation Registry
10.25504/FAIRsharing.5d98bd
Repository

BioImage.IO BioImage Model Zoo
10.25504/FAIRsharing.77fc63
Repository

Standard Protocol Items: Recommendations for Interventional Trials–Artificial Intelligence (SPIRIT-AI)
10.25504/FAIRsharing.f7c4d5
Reporting guideline

Extends

SPIRIT Standard Protocol Items: Recommendations for Interventional Trials
10.25504/FAIRsharing.m3g9n9
Reporting guideline

The AIMe registry for artificial intelligence in biomedical research
10.25504/FAIRsharing.39c2c3
Repository

Croissant Format Specification (Croissant)
10.25504/FAIRsharing.a0982e
Model and format

Subject Agnostic

Hugging Face Hub
10.25504/FAIRsharing.4ccbbf
Repository

kaggle Kaggle Datasets
10.25504/FAIRsharing.mjq9vj
Repository

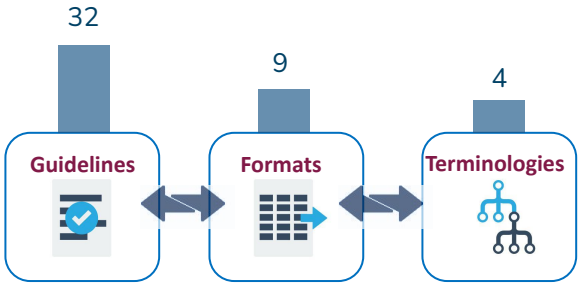
FAIR4ML Metadata Schema (FAIR4ML)
DOIs are only issued to records with 'Ready' status
Model and format
In Development

Open Neural Network Exchange (ONNX)
10.25504/FAIRsharing.176014
Model and format

IIT Dataverse IIT Dataverse
10.25504/FAIRsharing.76d592
Repository

FAIRsharing.org Educational

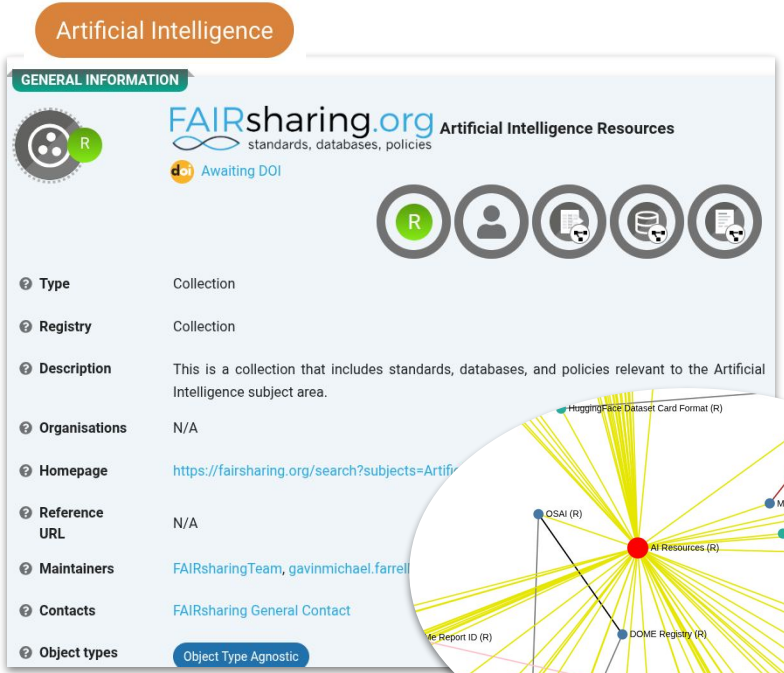
Collecting standards and repositories developed to enable reporting/sharing of AI R&D



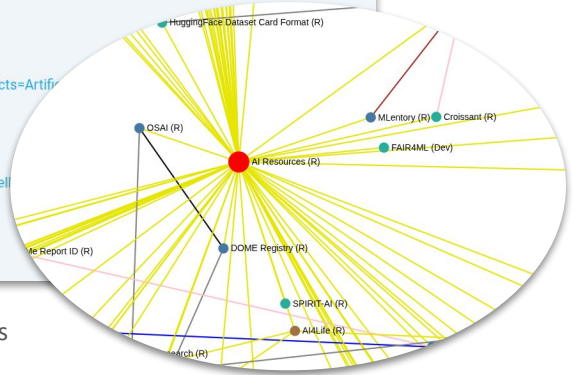
As of today 45 standards

REPOSITORIES 20

Only 5 standards are implemented by at least 1 repository



https://fairsharing.org/AIResources



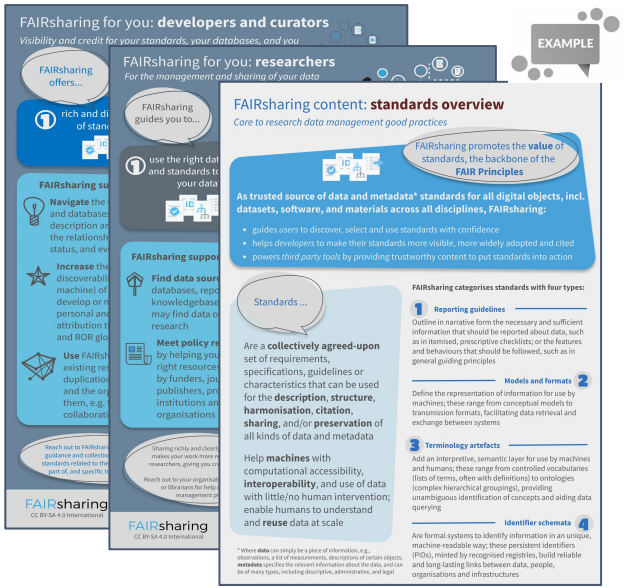
Gavin Farrell
University of Padua,
ELIXIR AI Ecosystem Focus Group
0000-0001-5166-8551
FAIRsharing Champion for Life Science and AI

FAIRsharing.org Educational

Community Champions: 27 active and 24 alumni

Since 2022, **FAIRsharing** supports and is supported by its **Community Champions** who gain **recognition**, **professional development** and **influence** by contributing to one or more:

- **curation** activities
- **gap** analysis
- **educational** provision



Associated with the FAIRsharing RDA WG

RDA RESEARCH DATA ALLIANCE

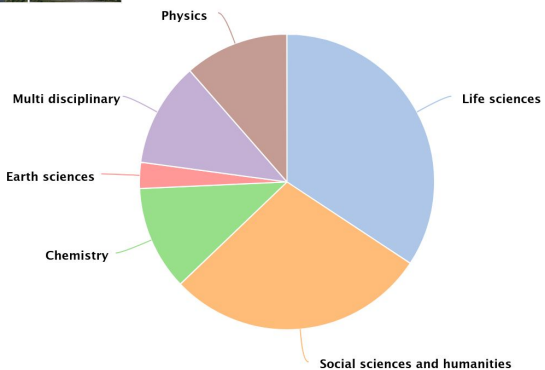
WG FAIRsharing Registry: Connecting data policies, standards and databases RDA WG

Want to know more?

2025 in review: our Community Champions

blog.fairsharing.org/?p=1086

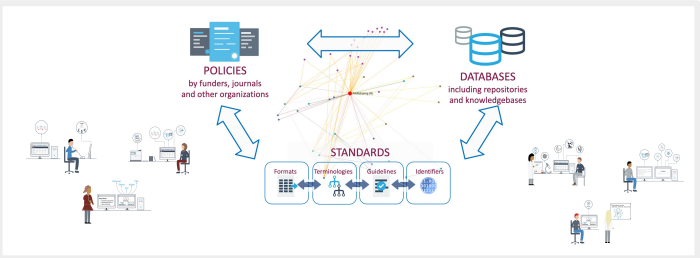
Champions' Broad Specialisms



FAIRsharing.org Educational

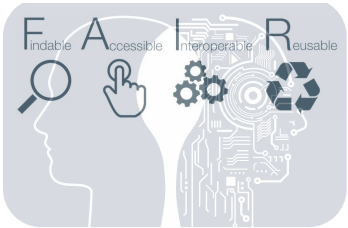
Outline

FAIRsharing as a registry



Knowledge in action

Towards AI ready content



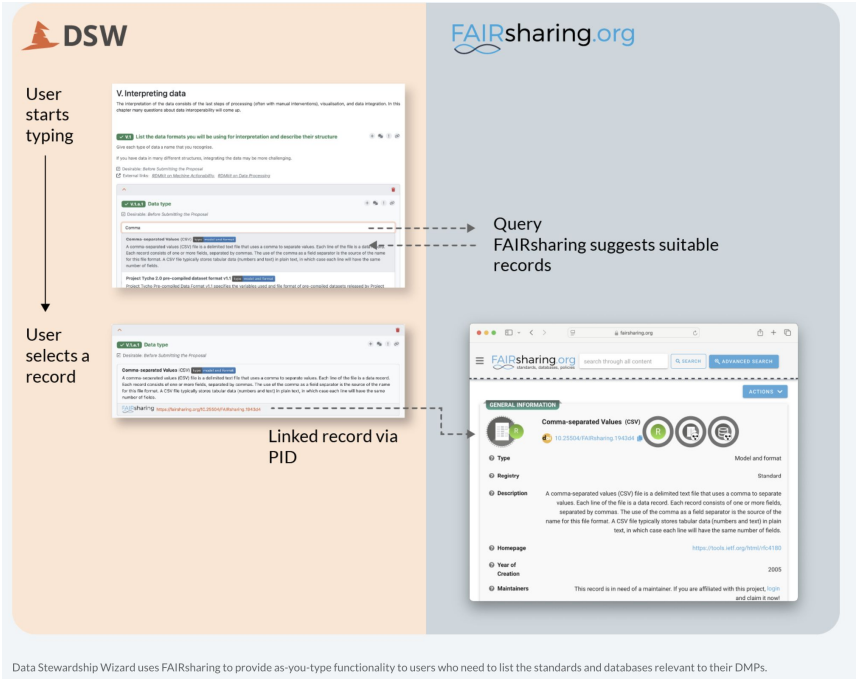
Building the knowledge base to enable service provision and tool integration

New **discovery**, **categorisation**, and **querying** routes are available via technical and curatorial updates

- Facilitating the ***creation and evaluation*** of content via FAIRsharing integrations (DMPs, FAIR assistance, and more) by the research community
- Making key FAIR-enabling qualities more ***explicit*** and ***comparable*** by both **humans** and **machines**
- Fostering **higher connectivity** among tools in the FAIR data ecosystem

Powering and informing data stewardship/management tools

EXAMPLE DSW



Data Stewardship Wizard uses FAIRsharing to provide as-you-type functionality to users who need to list the standards and databases relevant to their DMPs.

Decision-making and **selection** is ***facilitated*** for the users of these tools (e.g. when identifying databases to share their digital objects in their DMP, or assessing is they are using the appropriate standards to annotate their data). This collaboration improves:

- *Identifiability*
- *Connectivity*
- *Machine actionability*

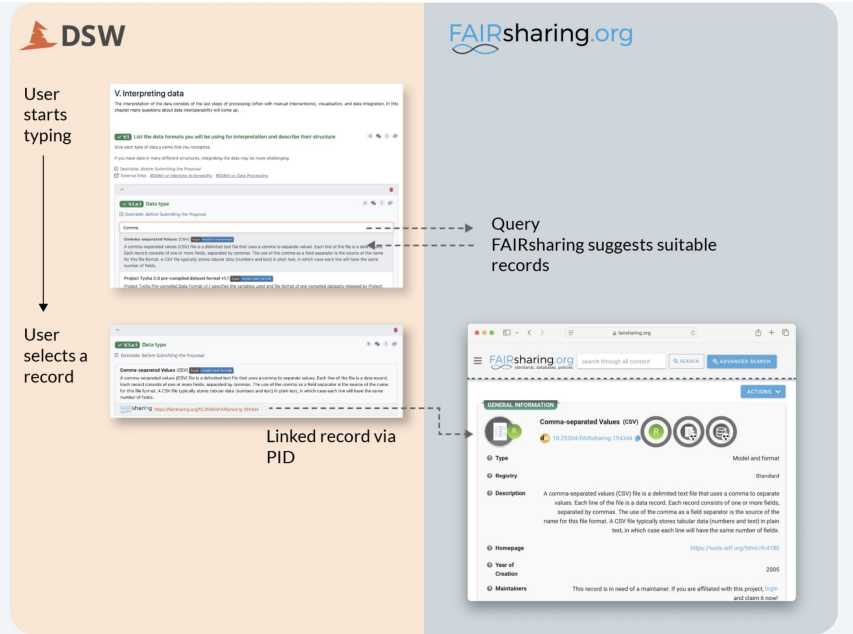
https://ds-wizard.org; read more at https://elixiruknode.org/blog/2024/joining-up-the-research-data-management-dots

FAIRsharing.org Educational

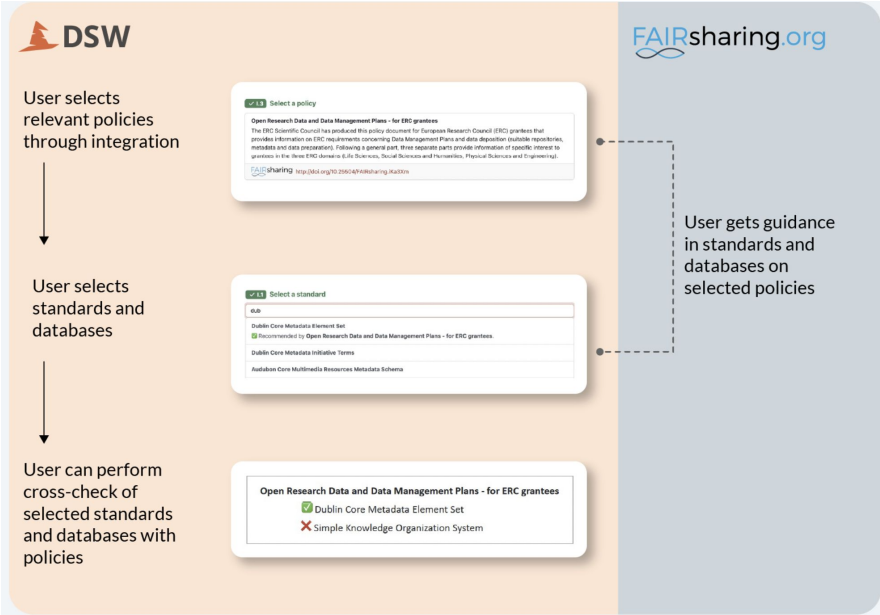
Powering and informing data stewardship/management tools

EXAMPLE

DSW



Data Stewardship Wizard uses FAIRsharing to provide as-you-type functionality to users who need to list the standards and databases relevant to their DMPs.



Data Stewardship Wizard's new features use FAIRsharing to provide as-you-type hints for policies. Where these policies recommend specific standards and databases, that information will be available to users as they choose the resources associated with their DMP.

https://ds-wizard.org; read more at https://elixiruknode.org/blog/2024/joining-up-the-research-data-management-dots

FAIRsharing.org Educational

In every FAIRy tale there is a problem

- FAIR is a set of principles, **not a standard**
- The **narrative is insufficient** to circumscribe the valid mechanism to achieve the behaviours they describe
- There is **no universal FAIRness** concept

Nevertheless, we need to trust claims such as

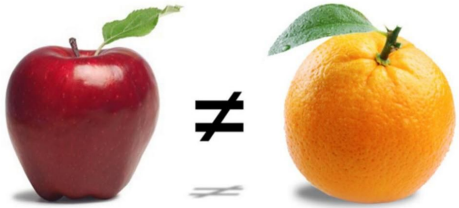
"*I am FAIR*", or "*My data is FAIR*", or "*My repository enables FAIR*"

The problem is socio-technical

Resource	Execution Type
5 Star Data Rating Tool	Manual - questionnaire
Data Stewardship Wizard	Predictive; based on a manually filled questionnaire
F-UJI	Automated
FAIR Data Self-Assessment Tool	Manual - questionnaire
FAIR Evaluator	Automated
FAIR enough?	Manual - checklist
FAIR-Aware (BETA)	Manual - questionnaire
FAIR-Checker	Automated
FAIRdat	Manual - questionnaire
FAIRness self-assessment grids	Manual - checklist
FAIRshake	Manual - questionnaire, Semi-manual
GARDIAN FAIR Metrics	Manual - checklist
RDA Maturity Model	Manual - checklist

As of Feb 2026, there are **32 independent tools** , for evaluation, assessment, assistance; list at https://fairassist.org/tools

Tests used and the **results** are **inconsistent**, and **not comparable**



The FAIR Shop

- Mostly questionnaires, few are (semi)automated
- They use distinct, often subjective ways of measuring FAIRness
- We lack
  - a **common reference model** for ***metrics*** and (semi)automated, reproducible FAIR ***tests***
  - a **governance** model to review and adopt new ones, to ensure quality, relevance, value and trust

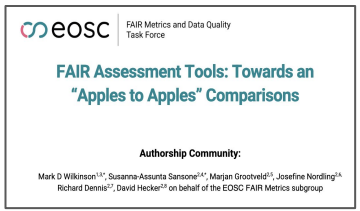
https://fairassist.org/tools

The problem is socio-technical

European Commission | ADVISORY GROUPS

eosc | FAIR Metrics and Data Quality Task Force

Addressing the bases for the differences in FAIR measurement


eosc | FAIR Metrics and Data Quality Task Force

FAIR Assessment Tools: Towards an "Apples to Apples" Comparisons

Authorship Community:

Mark D Wilkinson[1,6,7], Susanna-Assunta Sansone[2,4,7], Marjan Grootveld[2,3], Josefine Nordling[2,6], Richard Dennis[2,7], David Hecker[2,8] on behalf of the EOSC FAIR Metrics subgroup

zenodo.org/record/7463421


eosc | FAIR Metrics and Data Quality Task Force

Report on "FAIR Signposting" and its uptake by the community

Mark D Wilkinson[1,3], Susanna-Assunta Sansone[2,4], Marjan Grootveld[2,3], Richard Dennis[2,6], David Hecker[2,7], Robert Huber[8], Stian Soiland-Reyes[9], Herbert Van de Sompel[5], Andreas Czerniak[10], Milo Thurston[4] Allyson L. Lister[4], Alban Gaignard[11]

zenodo.org/doi/10.5281/zenodo.10490288

The FAIR Shop

- Mostly questionnaires, few are (semi)automated
- They use distinct, often subjective ways of measuring FAIRness
- We lack
  - a **common reference model** for ***metrics*** and (semi)automated, reproducible FAIR ***tests***
  - a **governance** model to review and adopt new ones, to ensure quality, relevance, value and trust

https://fairassist.org/tools

FAIRsharing.org Educational

FAIR assistance/assessment framework

- This framework is targeted at **developers**, who are implementing it in their tools/services
  - while the process should be seamless and invisible to researchers and research-supporting professionals, the results should be **transparent** and **informative** to them
- The following example illustrates how the framework is used to assess "***compliance to a specific terminology required by the photon and neutron community***"

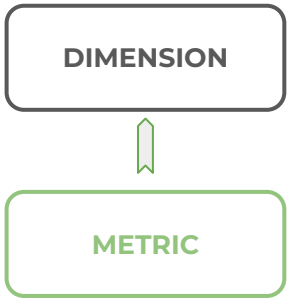
Renaud Duyme
ESRF, PaNOSC
0000-0002-9909-1074
FAIRsharing Champion for Open Data

panosc
photon and neutron open science cloud
eosc

eosc ostrails
docs.ostrails.eu

Example: compliance with a community vocabulary

FAIR Principles R1.3
(meta)data meet
domain-relevant community
standards



Requires the use of PaNET
terminology for
experimental topics

BENCHMARK

The set of metrics that define the specific implementation of FAIR for the PaNOSC community, including compliance with PaNET terminology for topic

Example: compliance with a community vocabulary

FAIR Principles R1.3 (meta)data meet domain-relevant community standards

DIMENSION

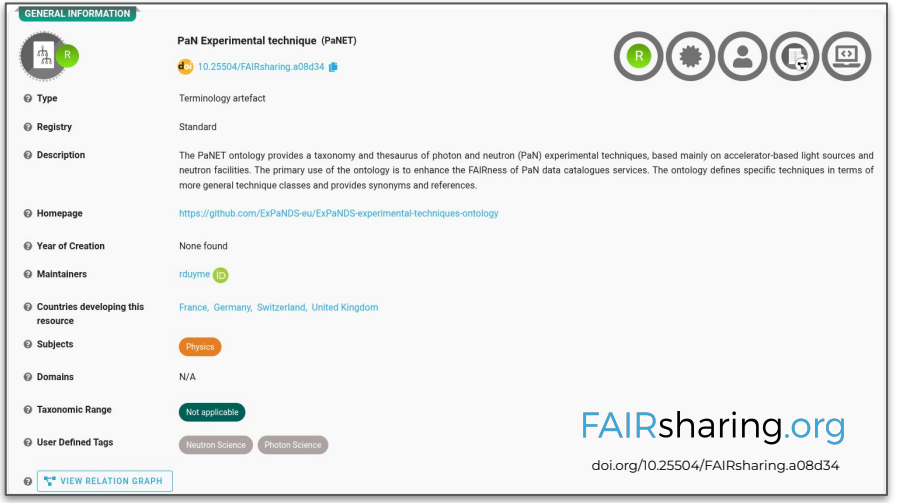
Requires the use of PaNET terminology for experimental topics

METRIC

BENCHMARK

The set of metrics that define the specific implementation of FAIR for the PaNOSC community, including compliance with PaNET terminology for topic

Metric record is linked to the PaNET record



Example: compliance with a community vocabulary

FAIR Principles R1.3 (meta)data meet domain-relevant community standards

DIMENSION

Requires the use of PaNET terminology for experimental topics

METRIC

BENCHMARK

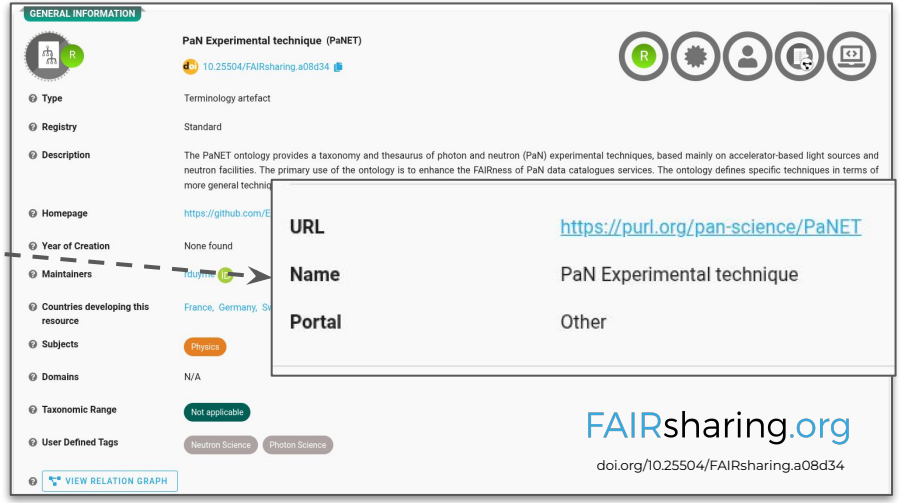
The set of metrics that define the specific implementation of FAIR for the PaNOSC community, including compliance with PaNET terminology for topic

TEST

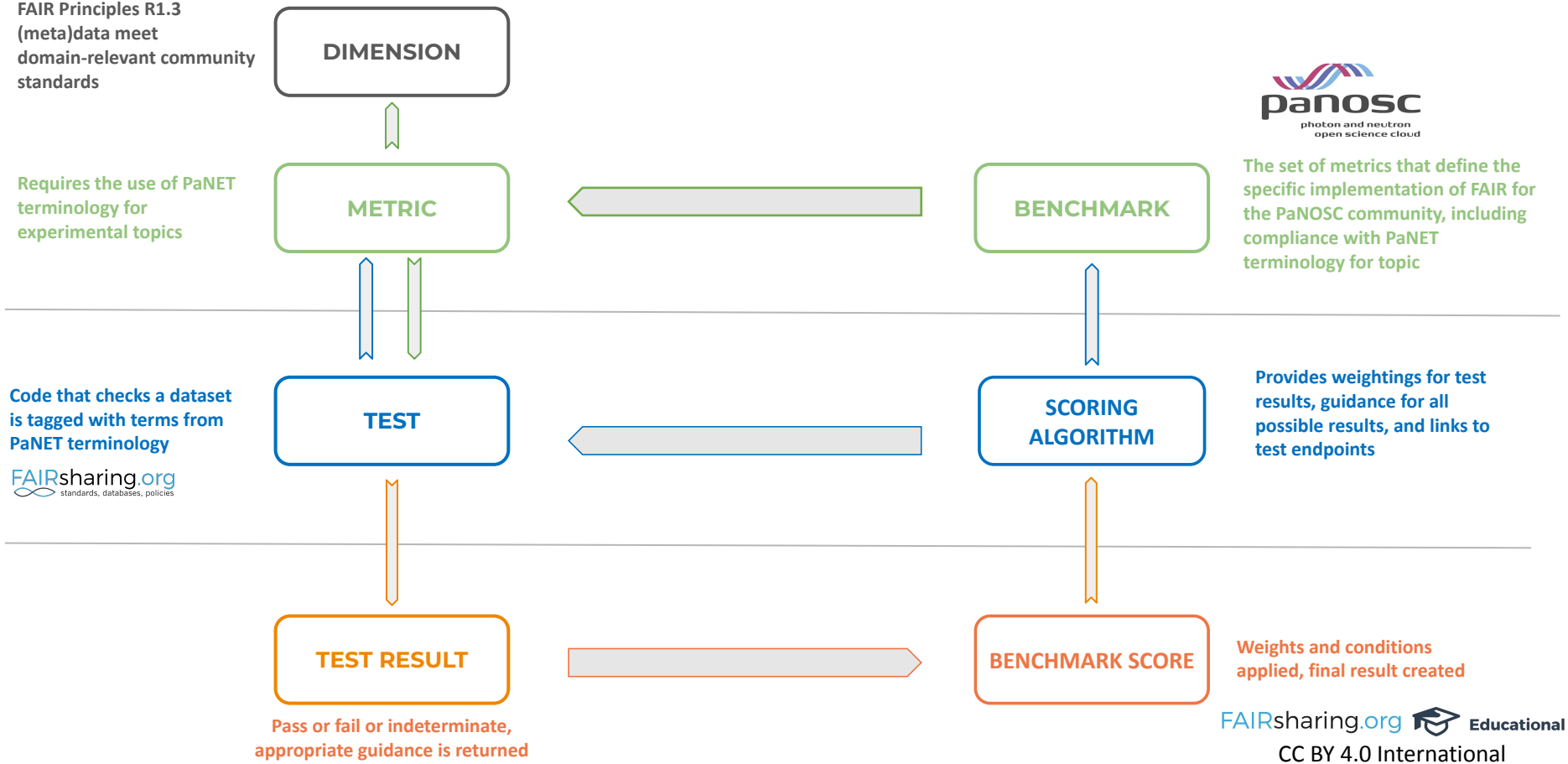
Code that checks a dataset is tagged with terms from PaNET terminology

FAIRsharing.org
standards, databases, policies

```
{ iri =
"https://purl.org/pan-science/PaNET/PaNET01088" }
```



Example: compliance with a community vocabulary



FAIRsharing.org Educational

Powering and informing FAIR education, assistance/assessment

- Defining an **open**, **transparent framework**, **generic** and **extendable** to disciplines, and supporting services, which any tool can re-use
- **Work with EOSC clusters and national pilots, to address as many use cases as possible**

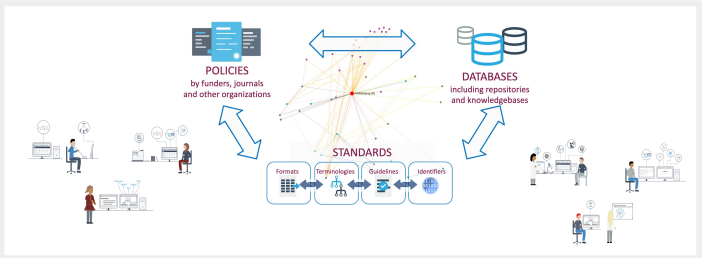
Powering and informing FAIR education, assistance/assessment

- Defining an **open**, **transparent framework**, **generic** and **extendable** to disciplines, and supporting services, which any tool can re-use
- **Work with EOSC clusters and national pilots, to address as many use cases as possible**

- **Piloting and customising** the FAIR assistance/assessment procedure for **Oxford institutional data repository** (ORA)
- **Test and validate the approach with other institutional data repositories, via UKRN and other collaborations**

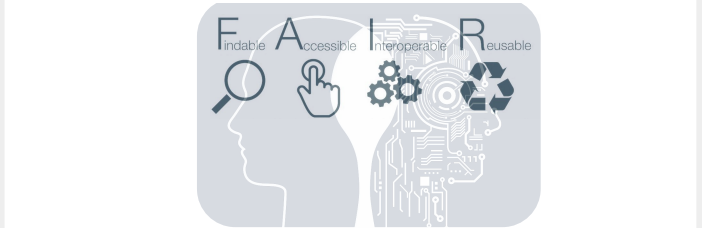
Outline

FAIRsharing as a registry

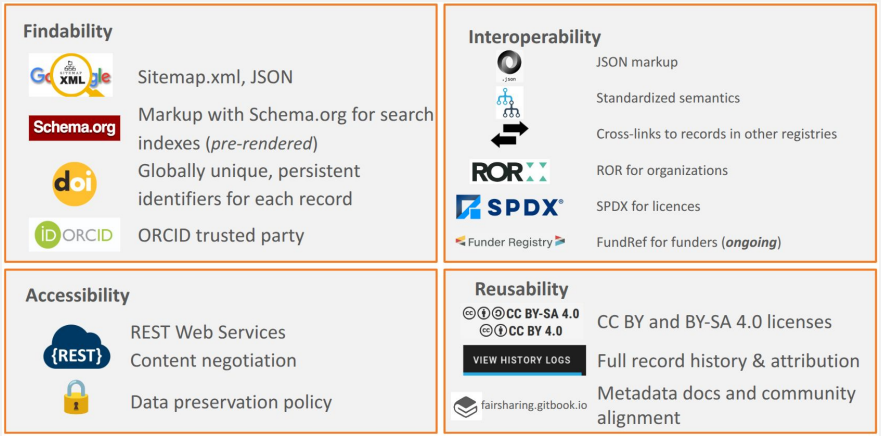


Knowledge in action

Towards AI ready content



FAIRsharing content is FAIR and AI-ready



FAIRsharing provides **humans** and **tools** with access to *trustworthy content* to support and enable management tasks

FAIRsharing.org Educational

FAIRsharing content is FAIR and AI-ready

Findability

- Sitemap.xml, JSON
- Markup with Schema.org for search indexes (*pre-rendered*)
- Globally unique, persistent identifiers for each record
- ORCID trusted party

Interoperability

- JSON markup
- Standardized semantics
- Cross-links to records in other registries
- ROR for organizations
- SPDX for licences
- FundRef for funders (***ongoing***)

Accessibility

- REST Web Services
  Content negotiation
- Data preservation policy

Reusability

- CC BY and BY-SA 4.0 licenses
- Full record history & attribution
- Metadata docs and community alignment

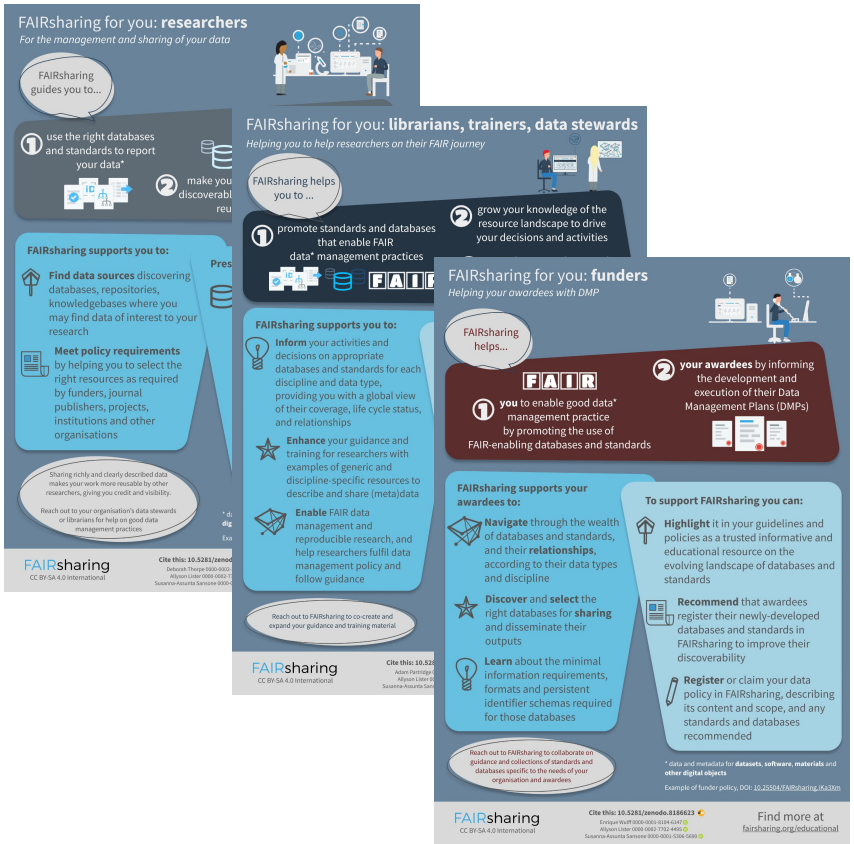
FAIRsharing provides **humans** and **tools** with access to *trustworthy content* to support and enable management tasks

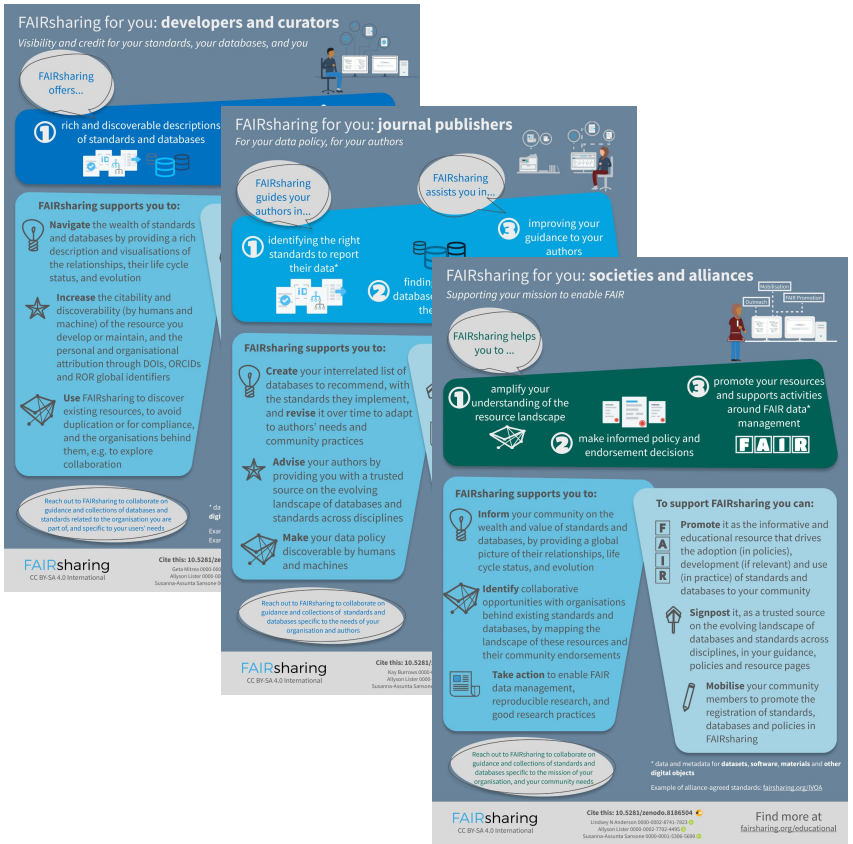
Exploring AI to make more use of the knowledge base

- Chatbots for functionality and content
- Aid for the curation process
- Coding help
- Creation of educational material
- Dynamic content visualisation via AI-generated websites/applications

In collaboration with the AI Competency Centre, which supports projects across the University to enable deployment of commercial AI tools in a controlled and secure environment

Get in touch with ideas for collaborations and partnerships





fairsharing.org/educational

FAIRsharing.org Educational

Acknowledgements

Stakeholder Advisors

- **Adam Leary,** Oxford University Press
- **Catriona MacCallum,** Wiley
- **Dagmar Meyer,** European Research Council, Executive Agency
- **David Carr,** Global Biodata Coalition
- **Emma Ganley,** Protocols.io
- **Geraldine Clement-Stoneham,** Medical Research Council
- **Graham Smith,** Springer Nature
- **Ishwar Chandramouliswaran,** NIH Office of Data Science Strategy
- **Kiera McNiece,** Cambridge University Press
- **Lauren Cadwallader,** PLoS
- **Marta Teperek,** Open Science NL
- **Michael Ball,** Medical Research Council
- **Matthew Cannon,** Taylor and Francis
- **Nick Everitt,** Taylor and Francis
- **Peter McQuilton,** (FAIRsharing Founding Member), GSK
- **Rebecca Grant,** Taylor and Francis
- **Richard Brown,** BBSRC UKRI
- **Sarah Callaghan,** Research Strategy & Policy Unit, University of Oxford
- **Sarah Stewart,** University of Westminster
- **Scott Edmunds,** GigaScience, Oxford University Press
- **Simon Hodson,** CODATA
- **Theo Bloom,** British Medical Journal
- **Thomas Lemberger,** EMBO Press
- **Varsha Khodiyar,** Independent Expert
- **Wei-Mun Chan,** eLife

Operational Team

Allyson Lister

Content and Community Coordinator

Milo Thurston

Technical Coordinator

Susanna-Assunta Sansone

Principal Investigator and Founder

Philippe Rocca-Serra

Co-Founder

Delphine Dauga

Curation Manager

Prakhyat Gallani

Web Developer

Léa Girard

Curator

Ramon Granell

Data Manager and Research Software Engineer

David Tomkins

Curator

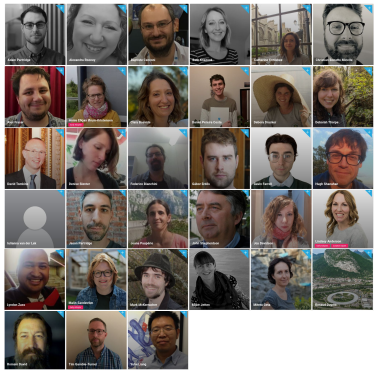
FAIRsharing is a service based at the University of Oxford, and anchored to the activities of the University Research Practice Programme

fairsharing.org/communities#governance

RDA FAIRsharing WG Chairs

- **Graham Smith**, Springer Nature
- **Holly Murray**, Health Data Research UK
- **Peter McQuilton**, GSK
- **Rebecca Grant**, Taylor and Francis
- **Simon Hodson**, CODATA
- **Allyson Lister,** Uni of Oxford
- **Susanna-A Sansone**, Uni of Oxford

Community Champions



fairsharing.org/community_champions

FAIRsharing.org Educational

ORA-FAIRsharing - FAIR assistance for institutional repositories

Tom Mitchell, Open Access Service Manager, Bodleian Libraries | ORCiD: 0009-0007-5451-0486
Dan Crane, Head of Research Data Management, Bodleian Libraries | ORCiD: 0000-0002-7197-0974

UNIVERSITY OF OXFORD

ORA
OXFORD UNIVERSITY RESEARCH ARCHIVE

UNIVERSITY OF OXFORD

COLLECTIONS ABOUT DEPOSIT HELP

EXPLORE THE UNIVERSITY OF OXFORD'S WORLD-CLASS RESEARCH

https://ora.ox.ac.uk

Enter your search here / All Fields

COVID-19 Collection | Climate Collection | AI Collection | More

Deposit

Members of the University of Oxford can deposit a wide range of research to ORA including articles, conference papers, theses and data.

Latest additions

- Membrane-permeable trehalose 6-phosphate precursor spray increases wheat yields in field

In numbers

Enter your search here / All Fields

Item Type

Journal article	(252,173)
Conference item	(26,188)
Thesis	(22,559)
Book section	(6,985)
Working paper	(5,894)
Report	(2,581)
Book	(2,444)
Dataset	(1,759)
Internet publication	(917)
Record	(650)

more »

File Availability

Division

Department

College

Research Group

Export | 10 per page | **Sort by** Newly Added

« Previous | **1** - **10** of **322,620** | Next »

1

Journal article

Membrane-permeable trehalose 6-phosphate precursor spray increases wheat yields in field trials

Griffiths, CA, Xue, X, Miret, JA, et al. | 2025-04-29

2

Journal article

Structural basis for recognition of Rift Valley fever virus Gn protein by a human neutralizing monoclonal antibody with a kappa light chain

Paesen, GC, Chapman, NS, Westover, JB, et al. | 2026-02-17

3

Journal article

Chemical staining for fundamental studies and optimization of binders in Li-ion battery

Enter your search here / All Fields

You searched for:

Dataset

Item Type
- Dataset (1,759)

File Availability
- Available (1,594)
- Not available (165)

Division

Department

College

Research Group

Subject

Language

Funder

Item Date

Export | 10 per page | Sort by Newly Added

« Previous | **1** - **10** of **1,759** | Next »

1

Dataset

Figure data: A statistical theory of electronic degrees of freedom in wave packet molecular dynamics

Plummer, D | 2026

2

Dataset

Dataset supporting Graph-based machine learning identifies oxygen replacements for conventional plastics and elastics

Poon, K, Molaei, S, Gao, C, et al. | 2026

3

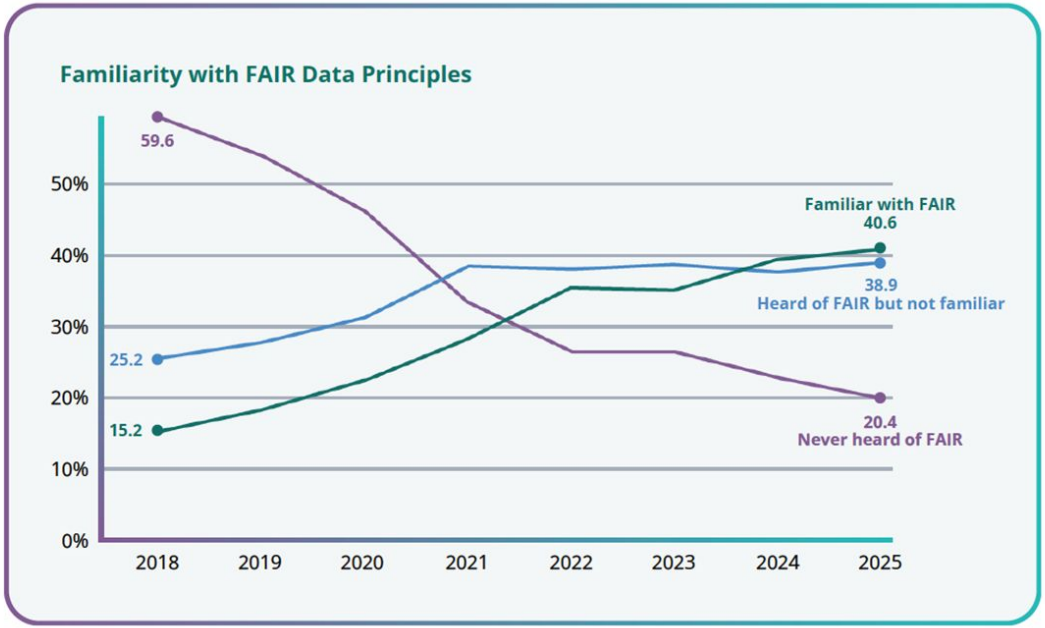
Dataset

Data for Homogenized optoelectronic properties in perovskites: achi cells with common chloride additives

Understanding FAIR

The State of Open Data – a longitudinal analysis of researchers' attitudes towards and experiences of open data (now in its 10th year)

Question: **"How familiar are you with the FAIR data principles?"**



figshare DIGITAL science SPRINGER NATURE

https://doi.org/10.6084/m9.figshare.30823079

Yearly sample sizes: 2018 (n = 1,239), 2025 (n = 3,932)

Supporting FAIR

How can libraries support researchers to make outputs as findable, understandable and useful as possible?

- Encourage depositing datasets in stable, well-structured environments (e.g. data repositories)
- Create useful records with consistent metadata and documentation
- Link to related outputs, creators, institutions and funding, with persistent identifiers (e.g. DOIs, ORCIDs, RORs)

FAIRsharing and the Bodleian Libraries

A long-standing collaboration

- Creating DOIs for FAIRsharing items, via the Bodleian DOI Service
- Supporting FAIRsharing's preservation and disaster recovery plan
- Encourage the creation of FAIRsharing records for relevant items in ORA
- FAIR Champions
- And now… assessing FAIR-ness of datasets in ORA

https://blog.fairsharing.org/?p=1012

Assessing FAIR-ness of datasets in ORA

A collaborative project between the Bodleian Libraries and FAIRsharing, part of the University's Research Practice Programme

Aims:

- Offer a scalable solution to support Oxford researchers to share FAIR digital objects in ORA
- Meet requirements of funders
- Contribute to the support of open research

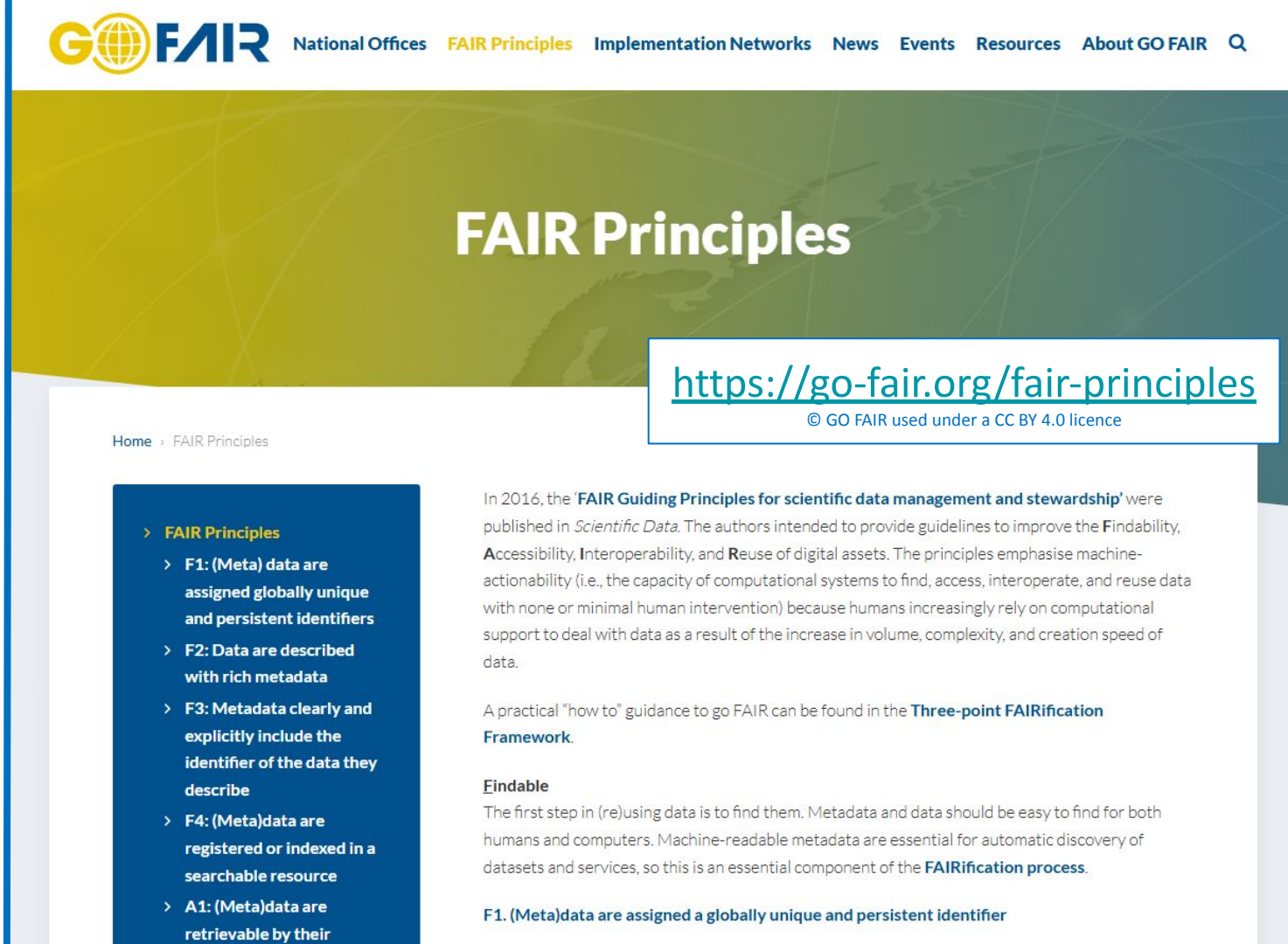
Assessing FAIR-ness of datasets in ORA

How?

- Operationalise a FAIR assessment process on research datasets made available or recorded within ORA, by:
  - integrating the two systems to enable ORA to access the relevant FAIRsharing functionalities and content
  - benchmarking to define a ‘score’ of ‘FAIRness’
  - showing how and at which level FAIR compliance is met, delivering guidance and examples to researchers
- Potential to define a model as an exemplar service for other institutional repositories

Benchmarking

1. Understand the principles



Benchmarking

1. Understand the principles

2. Explore application of principles to ORA

#	Sub-principle	Potential measure for ORA	Potential measure for generic repositories	Questions/notes
F1	(Meta)data are assigned globally unique and persistent identifiers	Records of research data objects which have uuids or DOIs	Records of have one of a pre-defined list of identifiers	Every record will have a uuid, so gets an automatic pass - a DOI is better ORA DOI vs external DOI - additional F1 GUID test could be added to test whether it is ORA or not
F2	Data are described with rich metadata	Indexded and available to machines (via API) - json etc. OR Record has metadata set in key fields x, y, and z?		Essentially, can metadata be used to find the record? (R1 is similar but relates to reusability) Is a record is indexed and available to machines via API (json etc.)? Explore with developers - xml is exportable (structured?) what other outputs are readable by machines? How do we measure "discoverability"? Are we interested in structured or (going further) grounded metadata?
F3	Metadata clearly and explicitly include the identifier of the data they describe	Records of research data objects have an appropriate link within the metadata to the object being described (DOI or URL)		Could detect presence of an external URL or DOI Could add additional test about whether the identifier is resolvable (this isn't part of the generic test) dc_identifier in structured xml
F4	(Meta)data are registered or indexed in a searchable resource	Records of research data are registered in ORA?		ORA is a searchable resource and is heavily indexed, registered in R3 and DataCite etc. Metric at: https://fairsharing.org/10.25504/FAIRsharing.x1f1l4 - searches for info from an object, then sees if the GUID comes back: could work for long-existing records but we would need another metric to check over new records, or at least a different benchmark that ignores F4. Could define where the object is searchable (could be ORA!) but more in keeping with the principle to make it searchable in a widely-used search engine.

Benchmarking

1. Understand the principles

2. Explore application of principles to ORA

3. Compare to generic metrics

FAIR Metric - FAIR Maturity Indicator - Open protocol for (meta)data retrieval - Gen2-MI-A1.1 (FM Gen2-MI-A1.1)

10.25504/FAIRsharing.DfMGZW

Metric

FAIRassist

The FAIR Maturity Indicator - Open protocol for (meta)data retrieval measures if the resolution protocol is universally implementable with an open
associated with them could prevent users from being able to obtain the resource. Gen2-MI-A1.1 is a domain- and object-type agnostic metric
protocol used is universally implementable with an open protocol. Implementations may, for example query the resolution protocol against
requirements of FAIRness.

https://github.com/FAIRMetrics/Metrics/blob/master/MaturityIndicators/Gen2/Gen2_MI_A1.1.md

2019

MarkWilkinson , allysonlister , FAIRsharingTeam

Netherlands, Spain, United Kingdom

Object Type Agnostic

Subject Agnostic

Digital Curation FAIR

Not Applicable

https://fairsharing.org/2326

Benchmarking

1. Understand the principles

2. Explore application of principles to ORA

3. Compare to generic metrics

4. Draft a narrative document

University of Oxford

ORA FAIR Assessment (Datasets) – Conceptual Requirements

doi:

Version number	0.1
Status	In progress
Author(s)	Allyson Lister, Tom Mitchell, Thomas Wrobel
Contributor(s)	

Revision History

Version	Status	Date	Description	Author(s)
0.1	In progress		First draft	Allyson Lister, Tom Mitchell, Thomas Wrobel

Benchmarking

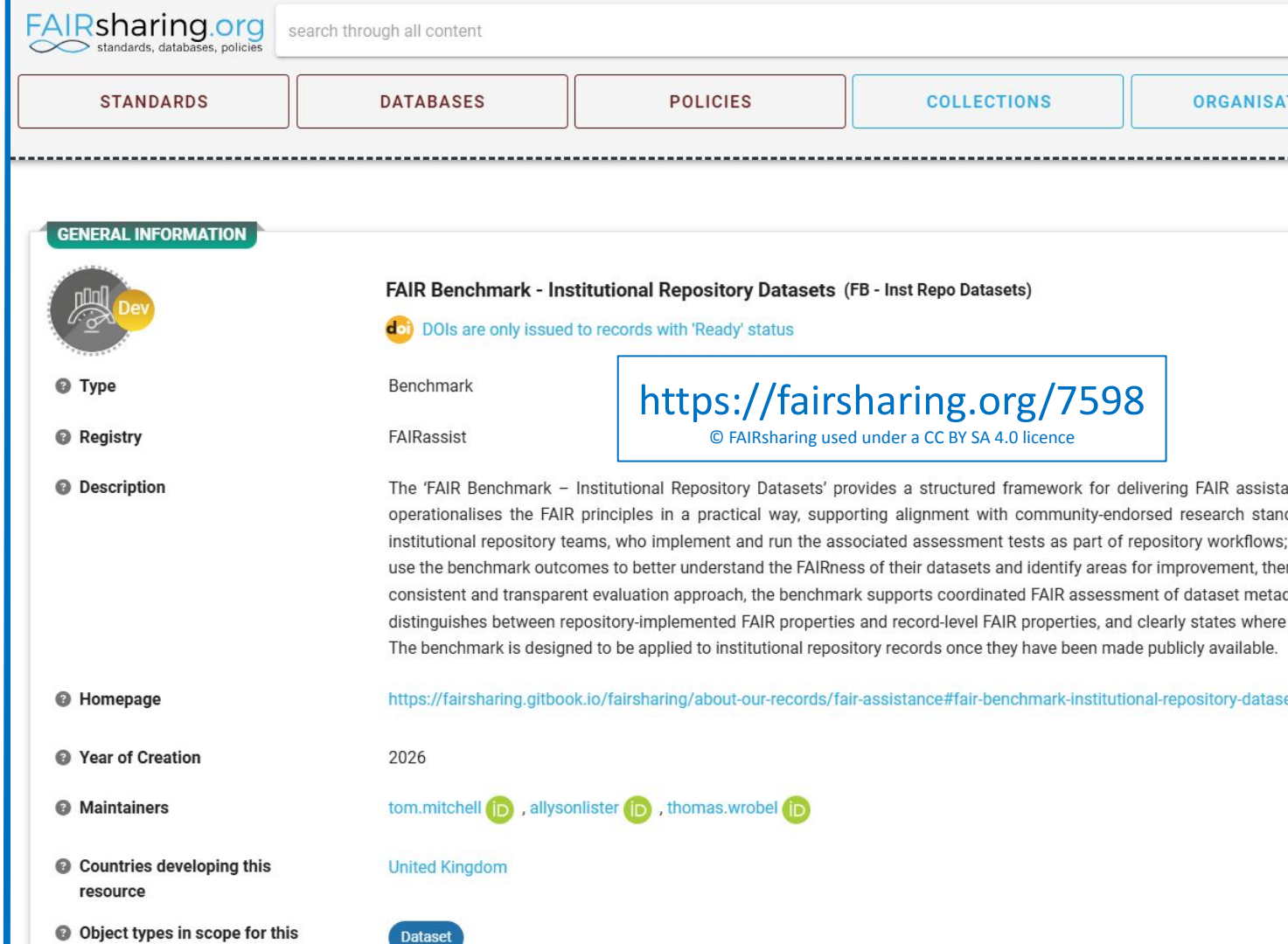
1. Understand the principles

2. Explore application of principles to ORA

3. Compare to generic metrics

4. Draft a narrative document

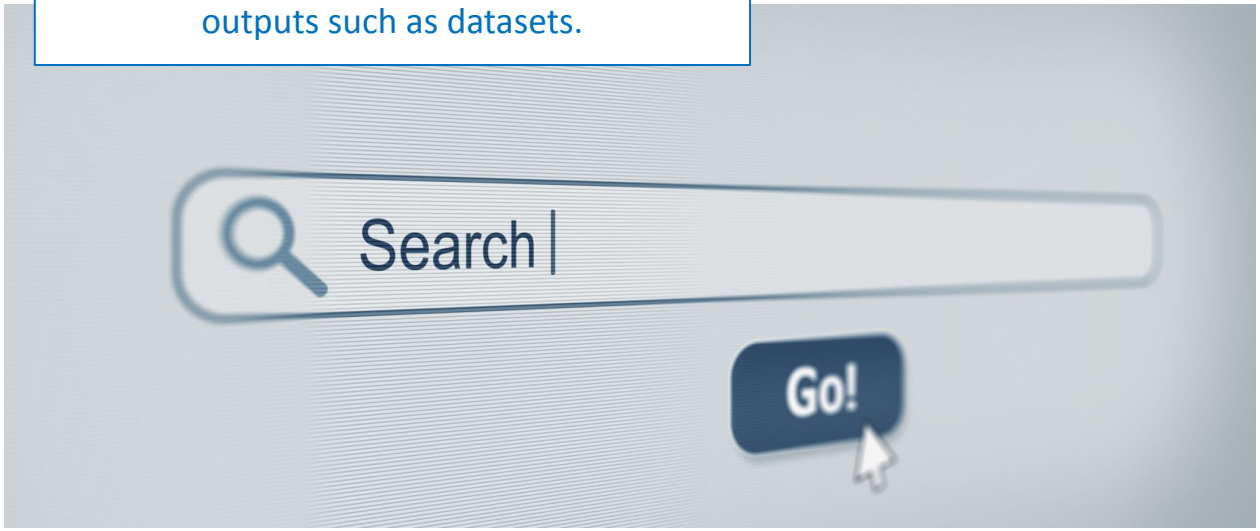
5. Begin test development



How will this help?

1. Finding existing alignment with FAIR principles

F4: ORA records are searchable within ORA and also indexed by major web search engines, helping people to discover research outputs such as datasets.

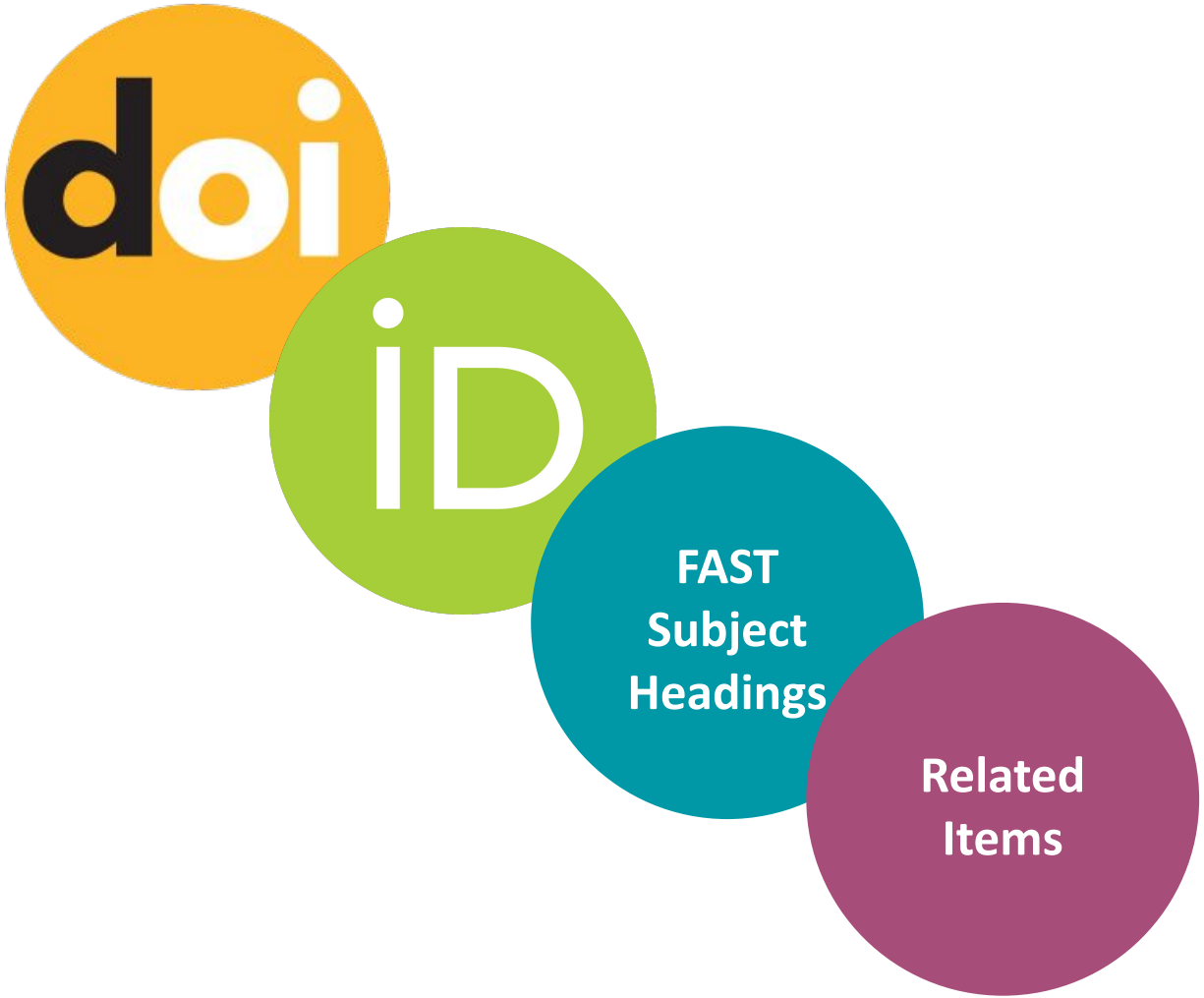


A1.2: ORA metadata is openly accessible, with no authorisation/authentication requirements.

How will this help?

1. Finding existing alignment with FAIR principles

2. Developing our systems to improve FAIRness



How will this help?

1. Finding existing alignment with FAIR principles

2. Developing our systems to improve FAIRness

3. Identify areas where we can encourage depositors to make their own data more FAIR

TIER2 Enhancing Trust, Integrity and Efficiency in Research through next-level Reproducibility

Editorial Reference Handbook and Data Availability Statement interventions

Matt Cannon, Taylor & Francis (ORCiD:0000-0002-1496-8392)
Rebecca Taylor-Grant, Taylor & Francis (ORCiD: 0000-0002-7614-0806)

TIER2 Colleagues:

Allyson Lister (ORCiD:0000-0002-7702-4495), Susanna-A Sansone (ORCiD:0000-0002-6468-9260) (University of Oxford)
Tony Ross-Hellauer (ORCiD:0000-0003-4470-7027), Thomas Klebel (ORCiD:0000-0002-7331-4751) (KNOW)

Funded by the European Union.
Views and opinions expressed are those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission.
Neither the EU nor the EC can be held responsible for them.

Agenda

- Introduction to T&F as an associate partner on TIER2
- Editorial Reference Handbook (piloted with 19 journals, 11 publishers, incl. T&F)
  - What is the problem?
  - What did we do?
  - What are the outcomes?
- DAS Intervention (piloted with T&F)
  - What is the problem?
  - What did we do?
  - What are the outcomes?
- Questions

Introduction to Taylor & Francis

- Global publisher of books and journals
- 2,500 journals across medicine, science & technology, social sciences and humanities & arts portfolios
- Open Science team since 2009
- Role is to set policies, practices and innovative pilots in relation to open science
- Invited to join TIER2 as an associate partner

Editorial Handbook: what was the problem?

- Increasingly researchers required to share research objects by funders, institutions and journal policies (data, code, media etc)
- Over time journals/publishers have created processes for checking these objects, but not consistent at ensuring FAIR principles and metadata best practice
- Lack of consistency was confusing for authors

TIER2

Taylor & Francis
EMBOpress
OXFORD UNIVERSITY PRESS
CAMBRIDGE UNIVERSITY PRESS
ELSEVIER
SPRINGER NATURE
PLOS
(GIGA)n SCIENCE
CellPress
THE LANCET
WILEY
AMERICAN PSYCHOLOGICAL ASSOCIATION

Editorial Handbook: what did we do?

- Identified best-in-class checklists to confirm what should be checked
- Ran workshops with publishers to agree:
  - What roles do publishers have in-house to facilitate checks
  - When is the right time to make each check
- We matched a check, to a role, to a point in the workflow

TIER2

Taylor & Francis
EMBOpress
OXFORD UNIVERSITY PRESS
CAMBRIDGE UNIVERSITY PRESS
ELSEVIER
SPRINGER NATURE
PLOS
(GIGA)n SCIENCE
CellPress
THE LANCET
WILEY
AMERICAN PSYCHOLOGICAL ASSOCIATION

The three components of the Editorial Reference Handbook

Checklist

A downloadable spreadsheet that **serves as template to implement the checks and record each outcome**. The 13 checklist elements are grouped according to those applicable to the manuscript as whole, and those relevant to the digital object(s) present in the manuscript.

Flowchart

A downloadable visualisation overview that **places the checks onto an idealised manuscript submission workflow**, showing **who** should perform each check and **when**, along with a **decision path** to follow based on the outcome of each check.

Guidance

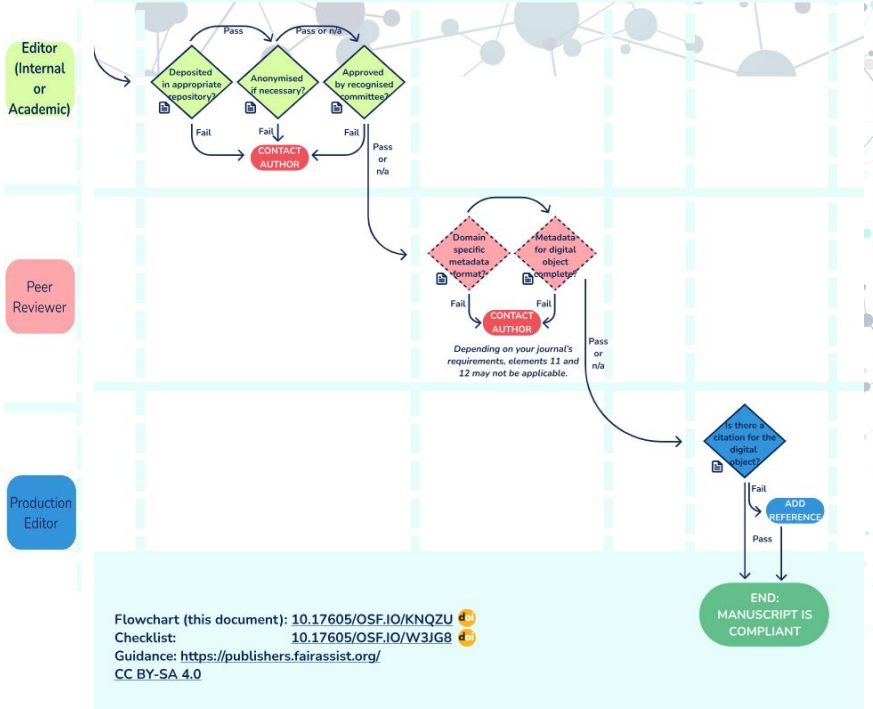
Provides information to **learn about and operationalise the checks**. It describes how to use the Checklist and Flowchart components, giving **definitions of the checklist elements and implementation tips**.

Editorial Handbook: checklist elements

Digital Object–Level Checks:

- Valid, resolvable identifier
- Acceptable licence as per journal policies
- Open access, or valid justification for controlled access
- Peer-review access if not open
- Deposited in appropriate repository (domain-specific or acceptable generalist repo); in-house journal whitelists, community-developed recommendations, or FAIRsharing content are exemplar options
- Anonymisation (as relevant)
- Ethics committee approval evidence, (as relevant)
- Use of domain-specific metadata format (as relevant)
- Metadata completeness per community standards (as relevant)
- Citation of the digital object in the article's References

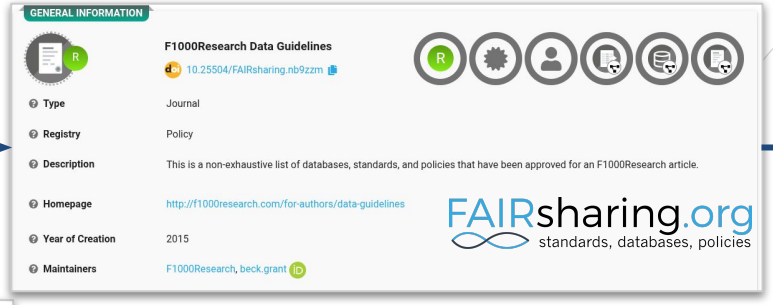
All elements must be marked Pass, Fail, or N/A. Fails trigger corrective workflows, as described within the Handbook Guidance and as per journal and/or publisher policies



https://publishers.fairassist.org/, partial view of the flowchart

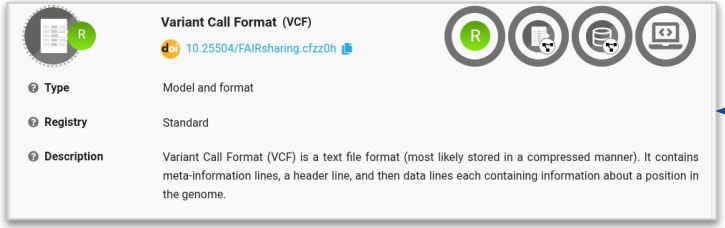
Operationalise some checks via FAIRsharing, e.g.:

F1000 registers their data policy with FAIRsharing



F1000 recommends the use of EVA, among others

EVA uses the Variant Cell Format. Check for its use within the manuscript.

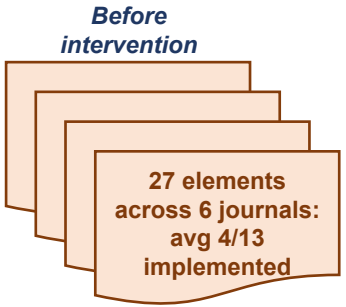


TIER2

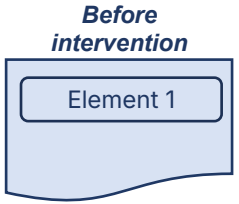
Editorial Handbook intervention: outcomes

- 6 journals (**190 manuscripts**) participated in the intervention
- Participants reported that the Handbook met their needs overall, noting that
  - journals had assumed a more active role in assessing the quality of digital objects, and
  - policies had been strengthened as a result

Average number of implemented checklist elements



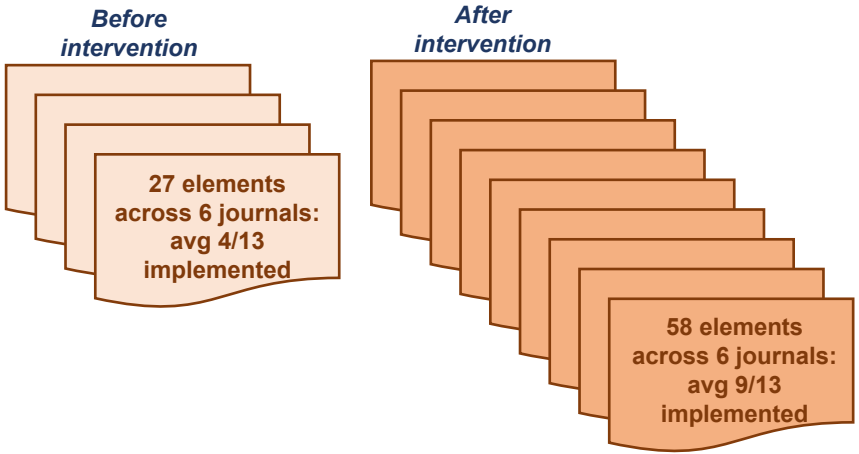
Implemented by all participants



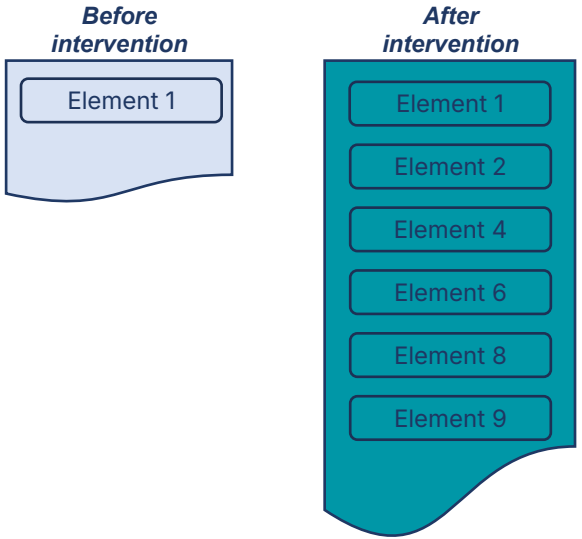
Editorial Handbook intervention: outcomes

- 6 journals (**190 manuscripts**) participated in the intervention
- Participants reported that the Handbook met their needs overall, noting that
  - journals had assumed a more active role in assessing the quality of digital objects, and
  - policies had been strengthened as a result

Average number of implemented checklist elements



Implemented by all participants



Recommendations

1. **Implement** the Handbook and its checklist as fully as possible across your journals

2. **Register** your journal or publisher-level policy for digital objects with FAIRsharing

3. **Invest** in your in-house capability and capacity

4. **Champion** the research culture in your organisation and beyond

Acknowledgements

Supporting FAIR Practices In Scholarly Publishing with the Editorial Reference Handbook

Allyson L. Lister[1,19], Rebecca Taylor-Grant[2,19], Matthew Cannon[2,19], Roshan Ahmed[3], Gabriele Alfarano[4], Rabia Begum[5], Jenny Bright[6,7], Lauren Cadwallader[8], Imogen Cranston[2], Libby Dunkley[9], Scott Edmunds[10,13], Patrik Flammer[11], Annie Hill[12], Chris Hunter[10,13], Andrew Hyde[9], Thomas Klebel[14], Adam Leary[15], Catriona J. MacCallum[16], Sarah McKenna[15], Kiera McNeice[9], Jess Miorini[9], Nicole Nogoy[10,13], Kinga Patterson[9,17], Bernd Pulverer[18], Tony Ross-Hellauer[14], Abigail Smith[13,16], Hannah Sonntag[18], and Susanna-Assunta Sansone[1,19].

1. Oxford e-Research Centre, Department of Engineering Science, University of Oxford, 7 Keble Road, OX13QG, Oxford, UK
2. Taylor & Francis, 4 Park Square, Milton Park, Abingdon OX14 4RN, UK
3. Genome Medicine, BMC, Springer Nature, USA
4. Genome Medicine, BMC, Springer Nature, Germany
5. Genome Medicine, BMC, Springer Nature, UK
6. Cambridge University Press, UK
7. The Editorial Hub, UK
8. PLOS, Cambridge, UK
9. Cambridge University Press, UK
10. GigaScience Press, Hong Kong
11. BMC, Springer Nature, UK
12. American Psychological Association, Washington, DC, USA
13. Independent expert
14. Open and Reproducible Research Group, Know Center Research GmbH, Graz, Austria
15. Oxford University Press, Great Clarendon Street, Oxford, UK
16. Wiley, 9600 Garsington Road, Oxford, England, UK
17. School of Psychology, Faculty of Medicine and Health, The University of Leeds, UK
18. Open Science Implementation, EMBO, Meyerhofstrasse 1, 69117 Heidelberg, Germany
19. Corresponding authors, and these authors contributed equally.

Preprint: https://doi.org/10.31222/osf.io/9vujt_v2
Publication under review

DAS Intervention: what was the problem?

- Access to data behind a research paper is crucial for a number of reasons – it gives readers trust in the results they are reading, it enables verification, replication and potentially reproducibility
- From a publisher side, knowledge of best-practices around research data sharing are not consistent or equal across all researchers globally. We see certain subject areas and geographies where skill levels are higher than others.
- We set minimum requirements for researchers submitting to journals via a data sharing policy. These need to be across a spectrum to meet a journal community where they are.
- One of the policies is known as Share Upon Request; where readers would request access to the data directly from the authors. But research into the effectiveness has shown that it is not guaranteed that authors always share, based on a number of factors.

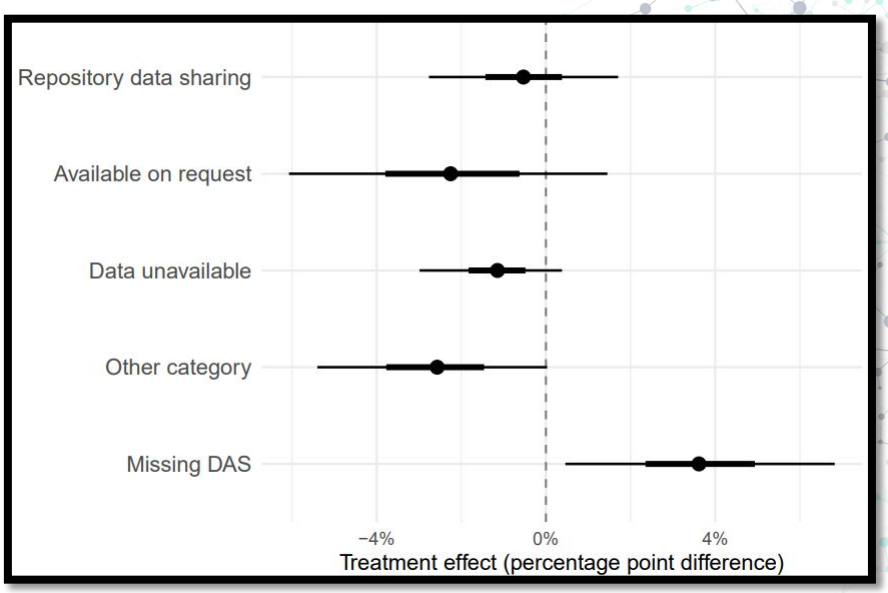
We wanted to see if we could design an intervention on journals that offered a SURR policy, to increase proactive data sharing

DAS Intervention: what we did do?

- We wanted to see if we could influence authors of papers in journals with a share upon request policy
- We designed an RCT to test the impact of an email to authors with the benefits of sharing data at the point their paper was returned to them to make improvements following peer review and a ‘revise’ decision.
- We did this across six T&F journals, looking at 600+ papers

DAS Intervention: outcomes

- Over 600 papers in the dataset
- Range of actions taken by authors around DAS in both intervention and control groups
- Effects on the intervention group are not significant, but still finalising outcomes
- Will be sharing final results as a research paper



Overall conclusion from both pilots

- Publishers are taking proactive action to increase adoption of FAIR principles by researchers
- Easier to influence own practices – and the **Reference Handbook pilot** shows they can be effective
- **DAS pilot** shows that incentives and influencing behaviour are more complicated. Working within systems/processes not designed for branching/testing limits the scope of what is possible.
- T&F has made a positive contribution to success of TIER2 and made mutually beneficial connections along the way

Championing FAIR resources and practices with the RDA Ambassadors

Beth Knazook, *DRI* | ORCiD: 0000-0003-3108-3921
Allyson Lister, *University of Oxford* | ORCiD: 0000-0002-7702-4495
Daniel Manrique-Castano, *DRA of Canada* | ORCiD: 0000-0002-1912-1764

RESEARCH DATA ALLIANCE

in a Nutshell

research data sharing without barriers

rd-alliance.org

RESEARCH DATA ALLIANCE

What is the RDA?

The RDA is an **international member-based organisation** focused on the development of **infrastructure** and **community activities** that reduce barriers to **data sharing** and **accelerate data-driven innovation** worldwide.

15,000+ members

150+ countries

Researchers, scientists, data professionals

Different disciplines, domains, thematic fields

What do RDA members do?

Collaborate across the globe

Create and join community-driven RDA groups

Tackle infrastructure and data sharing challenges

Exchange knowledge and share discoveries

Discuss barriers and potential solutions

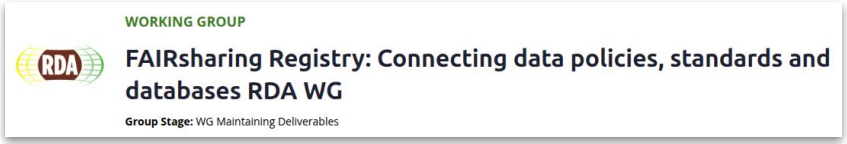
Explore and define policies

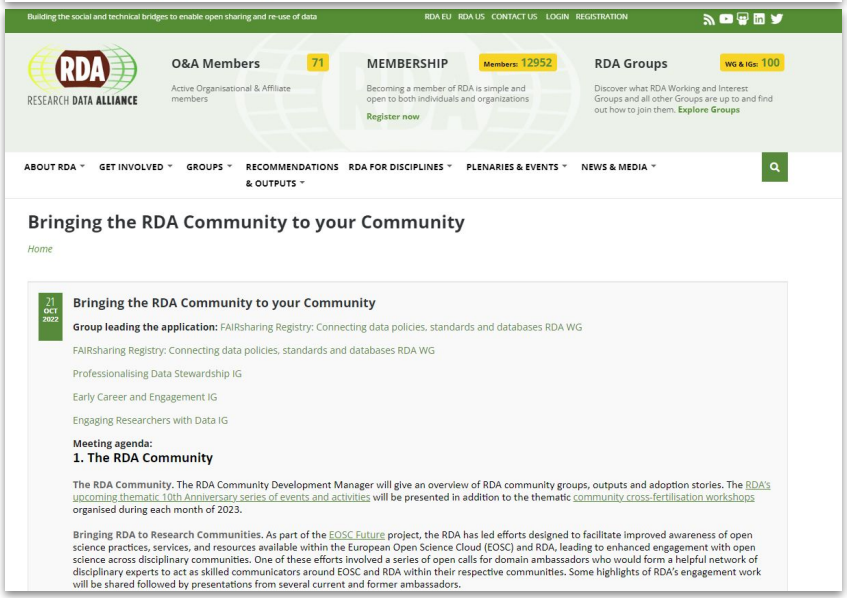
Test and harmonise standards

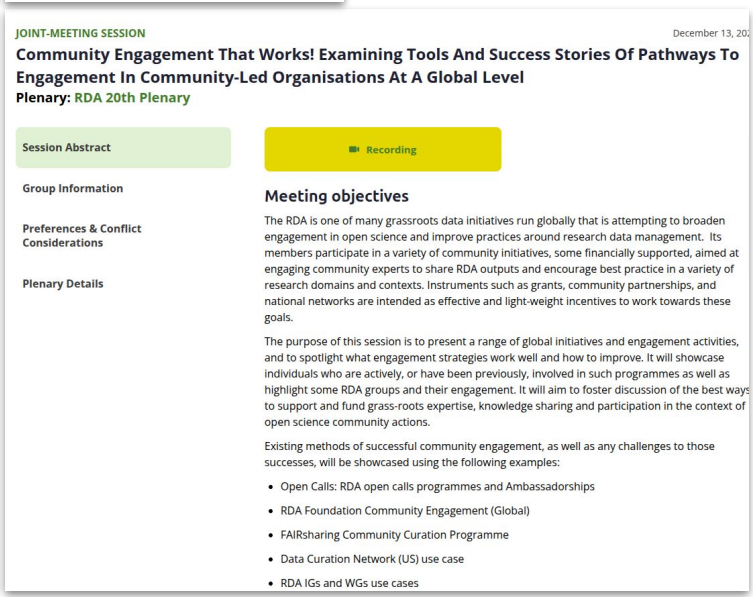
Enhance and facilitate global data sharing and reuse

Join groups and collaborate!

129 active working and interest groups, making it easy to contribute according to your interests







Beth Knazook
Digital Repository of Ireland
0000-0003-3108-3921
FAIRsharing Champion for Cultural Heritage

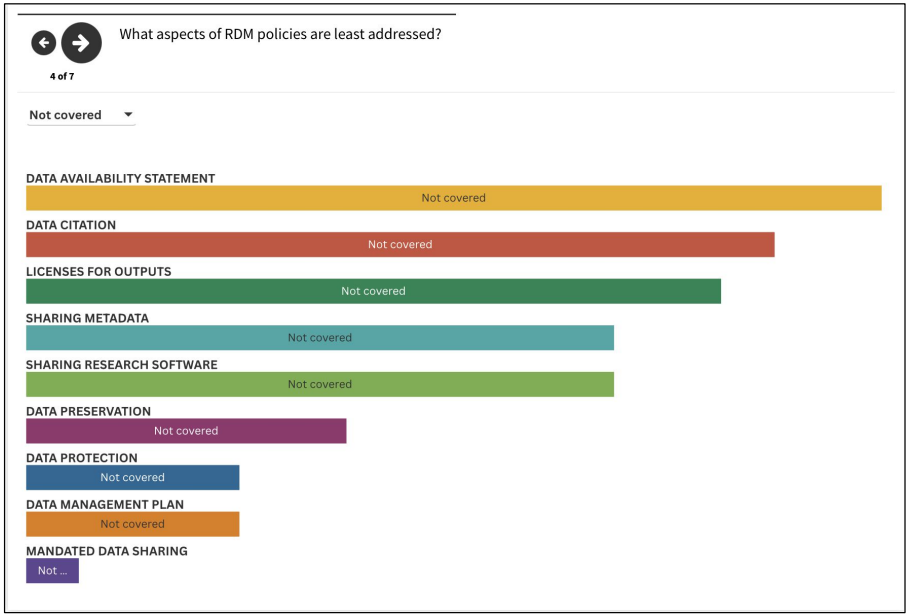
Comparative analysis of Irish data policies in FAIRsharing

Irish Data Policies metadata

File Edit View Insert Format Data Tools Extensions Help

B1 Endorses National Action Plan

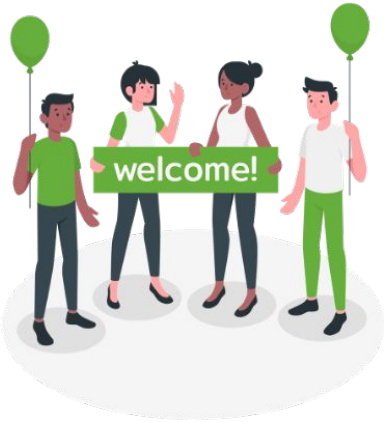
	A	J	K	L	M	N	O
1	Institution	FAIRsharing policy record link	Policy Name	Year	Mandated Data Sharing?	Exceptions to Data	Data Citation
2	Publicly funded Universities						
3	University College Dublin	https://fairsharing.org/5989	UCD RDM Policy	2020	suggested		No
4	University College Cork	https://fairsharing.org/5965	UCC RDM Policy	2014	suggested		No
5	University of Galway	https://fairsharing.org/5988	University of Galway RD	2018	suggested		No
6	Maynooth University	https://fairsharing.org/6022	Maynooth University Re	2021	suggested		No
7	University of Limerick	https://fairsharing.org/6000	UL RDM Policy	2024	suggested		Yes
8	Trinity College Dublin	https://fairsharing.org/6005	TCD Policy on Good Res	2024	suggested		Yes
9	Dublin City University	https://fairsharing.org/5992	DCU Code of Good Res	2024	suggested		No
10	Technological University Dublin	https://fairsharing.org/6162	TU-Net Joint Statemen	2023	required	Yes	No
11	Munster Technological University	https://fairsharing.org/5837	MTU RDM Policy	2022	suggested		No
12	Technological University of the Shan	[see TUD]					
13	Atlantic Technological University	[see TUD]					
14	South East Technological University	https://fairsharing.org/5993	Research Procedures G	2024	suggested		No
15							
16	Institutes of Technology						
17	Dundalk Institute of Technology						
18	Dun Laoghaire Institute of Art, Desig						
19							
20	Other Instutituions that Receive Pub						
21	Marino Institute of Education	https://fairsharing.org/6164	Marino Good Research	2023	required	Yes	No
22	Mary Immaculate College						
23	National College of Art and Design						
24	National College of Ireland						
25	Pontifical University of Maynooth						
26	St Patrick's, Carlow College						
27	Royal Irish Academy of Music						
28	Royal College of Surgeons Ireland	https://fairsharing.org/5999	RCSI RDM Policy	2018	required	No	No



https://public.flourish.studio/story/2890572/

Beth Knazook, Digital Repository of Ireland
b.knazook@ria.ie

dri Digital Repository of Ireland Taisclann Dhigiteach na hÉireann



Who are the RDA Ambassadors?

Supporting engagement in Open Research

Knowledge of a **scientific community,** its **needs** and point of **progress** towards Open Science

RESEARCH DATA ALLIANCE

... builds the **social** and **technical bridges** to enable the open **sharing** and **re-use** of data

EOSC Future

... creates a trusted platform with **open** and **FAIR data**, **resources** and **services** for all scientific disciplines

DOMAIN AMBASSADOR

RESEARCH DATA ALLIANCE

EOSC Future

Two way communication between the scientific community and RDA / EOSC Future

Peer insight and deeper **understanding** of how to promote **Open Science** and **data management**

Outreach to promote **RDA outputs** and **EOSC offerings**

RDA Ambassadors Coordination Group

- *Supporting cross-community exchange in monthly meetings*
- *Building the networking potential of RDA through informational guides, newcomer-focused activities, & opportunities to speak at events*
- *Developing shared, reusable promotional material that can be used by anyone*

Name: Allyson Lister
Area of work: Cross disciplinary, RDM

I am an ambassador for…

Standards, repositories and policies, with a focus on their curation and discoverability across the RDM ecosystem.

Some examples of what I do as an ambassador…

Outreach and advocacy for good **FAIR practices**.

Management of the **FAIRsharing Community Champion Programme**, where Champions gain recognition, professional development and influence by contributing to:

- curation activities
- gap analysis
- educational provision

What would help me in the future is…

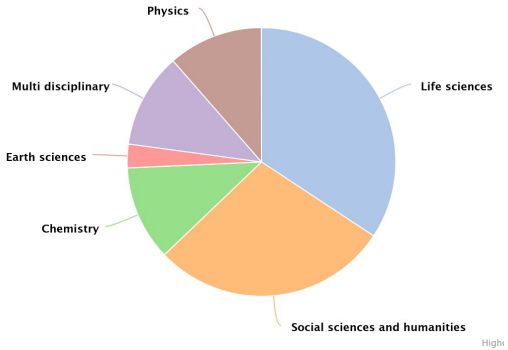
Diverse expertise: Join the RDA to help us align international RDM outputs with the needs of local universities / research communities.

Strategic voices for our Coordination Group: Help us shape how the Ambassador program grows and engages with the RDA and beyond.

What I would tell others thinking about becoming an ambassador…

- **Influence direction** by joining our Coordination Group
- **Shape global RDM** rather than just implementing it
- **Create a direct link** between your university and the global RDA community

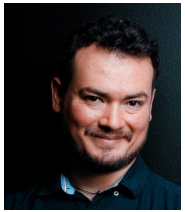
Champions' Broad Specialisms



want to know more?

2025 in review: our Community Champions

blog.fairsharing.org/?p=1086
https://fairsharing.org/community_champions



Name: Daniel Manrique-Castano
Area of work: RDM, Biomedicine

I am an ambassador for…

Promoting open and responsible scientific practices based on research data management competencies

Some examples of what I do as an Ambassador…

- **Advocacy** for training/incorporation of **good scientific practices** in research.
- Training in **technical skills** to manage and document research projects.
- Development of **open curation tools** to improve curation capacity and enhance curation workflows.

What would help me in the future is…

Build a network of researchers and data managers supporting open and responsible science practices in diverse escenarios.

What I would tell others thinking about becoming an ambassador…

- Building a community to **strength the impact** of RDA in research and RDM community.

Learn more about the Ambassadors:

https://www.rd-alliance.org/disciplines/rda-domain-ambassadors/

RDA
RESEARCH DATA ALLIANCE

THANK YOU

research data sharing
without barriers

rd-alliance.org

Illustrations used by Storyset.com