

EOSC-Pillar

Coordination and Harmonisation of National & Thematic Initiatives to support EOSC

Developing the EOSC-Pillar RDM Training and Support Catalogue

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EOSC-Pillar Final Conference -



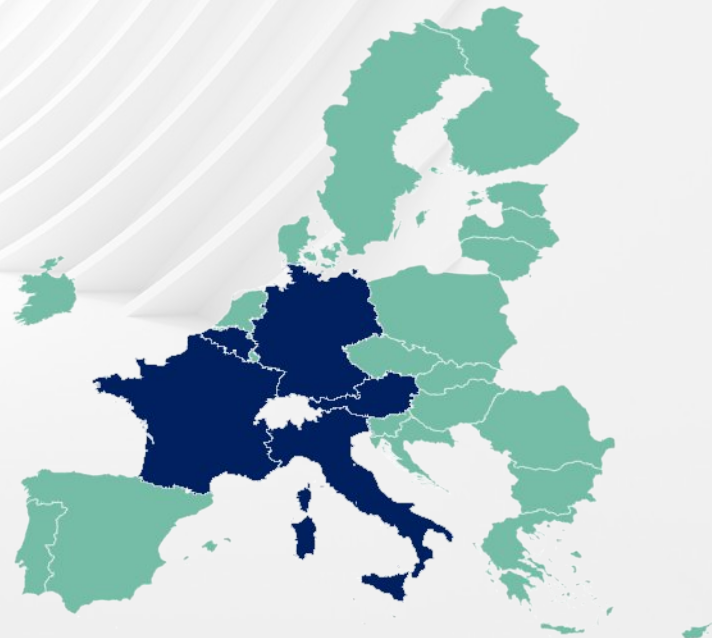
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Project objectives

- Coordinate national open science efforts: an organized contribution to the European Open Science Cloud (EOSC)
- Challenges addressed:
 - Narrowing skills gaps & promoting cultural changes for EOSC realization
 - Towards FAIR data culture and the uptake of good practices in making data FAIR
 - Tasks about training and skills development



Context & scope of the catalogue (I)

- Data stewards: an emerging profession
- Numerous projects with uptake of FAIR principles as objective
- Increasing availability of training & support material but scattered
- [EOSC-Pillar RDM Training and Support catalogue](#): collection of online searchable resources for (FAIR) data stewardship and RDM
- Catalogue added value:
 - Curation & standardized description of material
 - Increased findability & visibility
 - Central point of access

Context & scope of the catalogue (II)

- Target group: data stewards / data librarian (new & established teams)
 - Other actors with active role in RDM (inc. researchers)
- Types of resources:
 - Learning / training resources
 - Support resources

Generalist Repository Comparison Chart

doi:10.5281/zenodo.3946720

This chart is designed to assist researchers in finding a generalist repository should no domain repository be available to preserve their research data. Generalist repositories accept data regardless of data type, format, content, or disciplinary focus. For this chart, we included a repository available to researchers specific to clinical trials (Vivli) to bring awareness to those in this field.

<https://fairsharing.org/collection/GeneralRepositoryComparison>

TOPIC	HARVARD DATASERVE	DRYAD	FIGSHARE	MENDELLEY DATA	OSF	VIVLI	ZENODO
Brief Description	Harvard Dataserve is a free data repository open to all researchers from any discipline, both inside and outside of the Harvard community, where you can share, archive, cite, access, and explore research data.	Open source, community-led data curation, publishing, and preservation platform for OSF publicly available research data. Dataserve is an independent non-profit that works directly with researchers to publish datasets utilizing best practices for discovery and reuse. Publishers to support the integration of data availability statements and data citations into their workflows. Institutions to enable research data management best practices at low cost.	A free, open access, data repository where users can make all outputs of their research available in a discoverable, reusable, and citable manner. Users can upload files of any type and are able to share diverse research products including datasets, code, multimedia files, workflows, posters, presentations, and more. With discoverable metadata supporting FAIR principles, file visualizations, and integrations, researchers can make their work more impactful and prove research further faster.	Mendeley Data is a free repository specialized for research data. Search more than 20+ million datasets indexed from 1000s of data repositories and collect and share datasets with the research community following the FAIR data principles.	OSF is a free and open source project management tool that supports researchers throughout their entire project lifecycle in open science best practices.	Vivli is an independent, non-profit organization that has developed a global data-sharing and analytics platform. Our focus is on sharing individual per participant level data from completed clinical trials to serve the international research community.	Powering Open Science built on Open Science for researchers. Built for researchers, researchers, that focus on sharing individual per participant level data from completed clinical trials to serve the international research community.
Size limits	No file size limit per dataset. Harvard Dataserve currently sets a file size limit of 2.5GB.	300GB/dataset	Soft limit of 20GB/file for free accounts. System limit of 500GB/file. Unlimited storage of public data but 20GB storage for private data for free accounts. Email info@figshare.com to have upload and storage limits raised.	10GB per dataset	Projects currently have no storage limit. There is a 1GB file upload limit for native OSF Storage. There is no limit imposed by OSF for the amount of storage used across add-ons connected to a given project.	If more than 10GB per study data, reach out to us.	50GB per dataset contact us via help@zenodo.org for higher limits.
Storage space per researcher	1 TB per researcher	No limit	No limit	No limit	No limit	No limit	No limit

FAIR GAME

Knowledge clip: FAIR data principles

FAIR self assessment tool

Total across F.A.I.R.

Findable

Does the dataset have any identifiers assigned?

Globally Unique, citable and persistent (e.g. DOI)

Is the dataset identifier included in all metadata records/files describing the data?

No

How is the data described with metadata?


The data is not described

What type of repository or registry is the metadata record in?

The data is not described in any repository

Accessible

ARDC FAIR self assessment tool



EOSCPillar Training And Support

This working environment is for the members of the EOSC-Pillar involved in the development of training and support material. [read more](#)

Followers **9** Items **144**

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Organisations


[EOSCPillar Training And Support \(144\)](#)


Types

[Guidelines \(32\)](#)

Items [Activity Stream](#) [About](#)


Search items... 

144 items found Order by: [Relevance](#) 

 **OWNER**


Open Research Toolkit [Course](#)

The Open Research Toolkit was created by Christopher Eaker during Faculty Development Leave, Fall 2021. While this toolkit was designed for librarians for learning open...

 **OWNER**


Data Steward Training [Course](#)

This is an introductory level course targeted at professionals working in research data support roles or individuals with a research background considering a change to a data...

 **OWNER**


SSHOC League of Data [Game](#)

The SSHOC League of Data (SSHOC LoD) is a pilot gamification of the CESSDA Data Management Expert Guide® (DMEG). The game supports and motivates researchers to publish their...

 **OWNER**

EOSC-Pillar Legal Compliance Guidelines for Researchers: a Checklist [Checklist](#)

This document provides a guideline in the form of checklists to help researchers comply with the legal requirements of publishing, sharing and integrating research data. In...

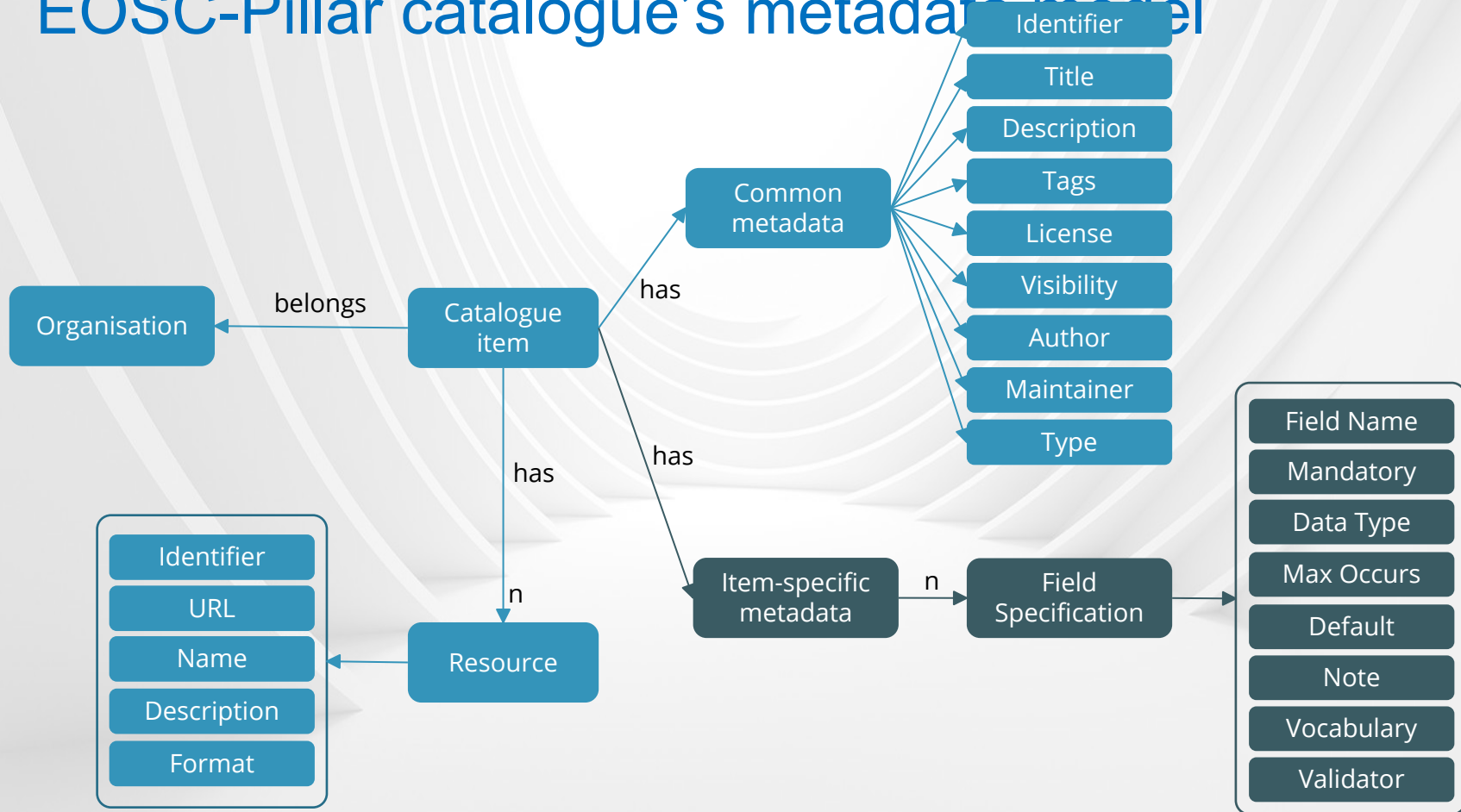
 **OWNER**

EOSC-Pillar Legal Compliance Guidelines for Researchers: a Checklist [Guidelines](#)

Technical specifications

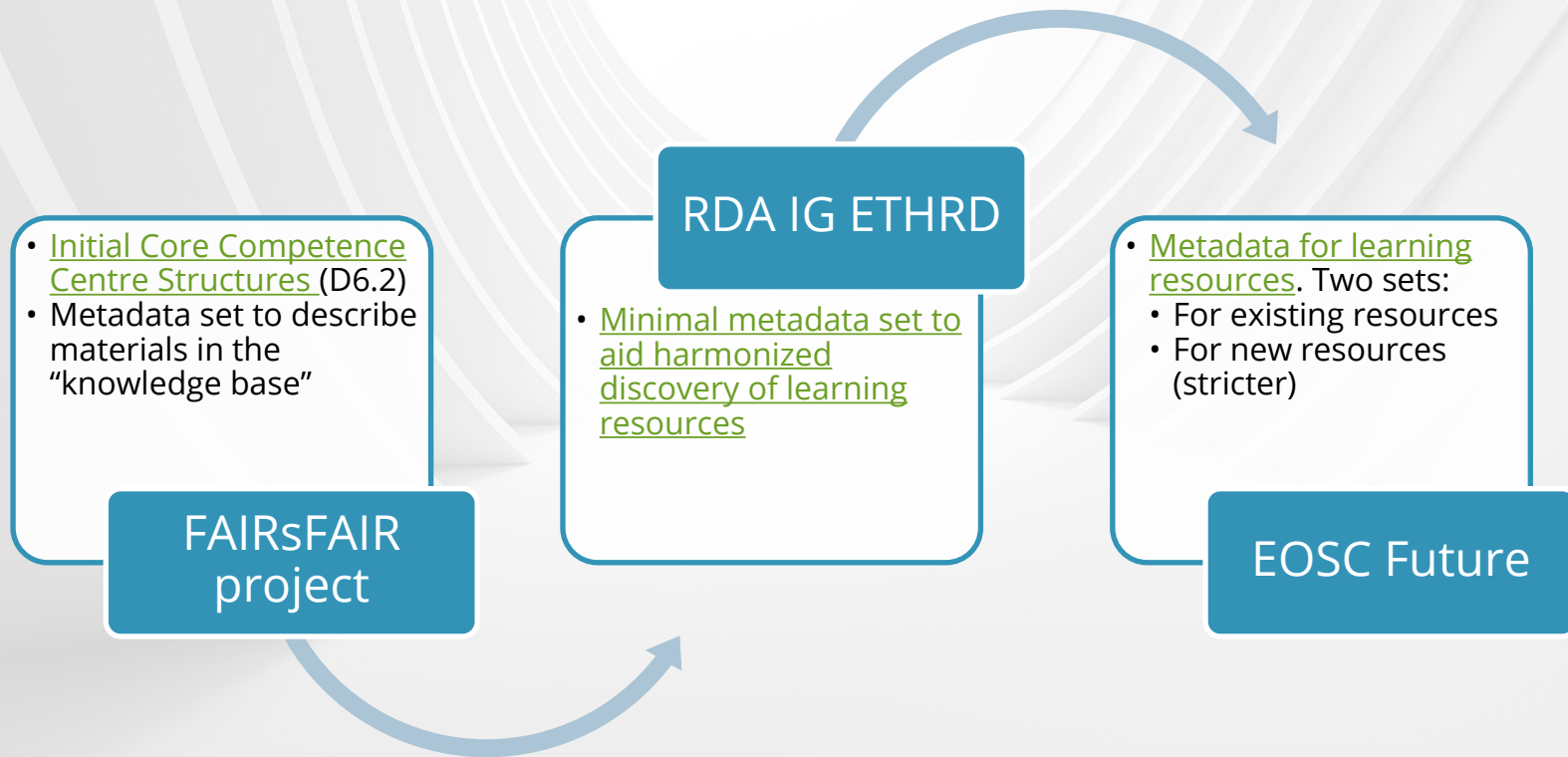
- Operated by D4Science infrastructure, which relies on gCube.
 - Dedicated VRE deployed
- Catalogue service:
 - Powered by CKAN + gCube component (e.g. publishing widget).
 - Allows definition of custom metadata profiles (community needs).
- Features enabling OS and FAIRness
 - PURLs (citation and access)
 - Social networking area
 - Rich and open metadata
 - Interoperability with other systems (e.g. DCAT)
 - RESTful APIs

EOSC-Pillar catalogue's metadata model



Metadata profile

Which metadata elements define a learning resource?



Mapping to EOSC Future specifications

EOSC-Pillar		EOSC Future Minimal Metadata for Learning Resources	
		Existing resources	New resources
Title	Title	Mandatory	Mandatory
Description	Description	Recommended	Recommended
URL	URL to Resource	Mandatory	Mandatory
NP	Resource URL Type	Optional	Optional
Author	Author(s)	Mandatory	Mandatory
Data Type	Learning Resource Type	Optional	Recommended
Tags	Keyword(s)	Recommended	Recommended
License	License	Recommended	Recommended
NP	Access Rights	Recommended	Mandatory
NP	Version Date	Recommended	Mandatory
Level	Expertise Level	Recommended	Mandatory
Target group	Target Group (Audience)	Recommended	Mandatory
Language	Primary Language	Recommended	Mandatory
NP	Learning Outcome(s)	Recommended	Mandatory
NP	Qualification	Recommended	Recommended
NP	Duration	Recommended	Recommended
Domain	Scientific domain		

Summary of the mapping between EOSC-Pillar RDM Training and Support catalogue and EOSC Future metadata for learning resources. (NP = Not present)

Mapping to EOSC Future specifications

Home / Organisations / EOSCPillar Training And ... / Open Science - Sharing ...

Open Science - Sharing Your Research with the World

Followers

0

Follow

Rating

☆☆☆☆☆ (0)

Your rating

☆☆☆☆☆

no rating given

Organisation



EOSC-Pillar Training And Support

This working environment is for the members of the EOSC-Pillar involved in the development of

Item Groups Activity Stream

Manage

Open Science - Sharing Your Research with the World

This course, prepared by TU Delft and available on the EdX platform, introduces the objectives, main concepts, and benefits of Open Science principles along with practices for open data management and open data sharing. The course also introduces the FAIR principles. Users will learn to establish links between publications, data, software and methods, how to attach a persistent identifier and metadata to your results, and methods for clarifying usage rights.

Tags

Accessible Appraise and preserve Capture and process Data Scientist
Data librarian or institutional level data steward Data steward Expose and discover
Findable Generic Govern and assess Integrate and analyze Interoperable
Level Intermediate Licenses Open access Open data Open science
Plan and design Publish and release Research manager Researcher Reusable
User support training and outreach VREs

Data and Resources

Open Science: Sharing Your Research with the World

Item URL

https://data.d4science.org/ctlg/EOSC-Pillar-TrainingAndSupport/open_science_-_sharing_your_research_with_the_world

Additional Info

Field	Value
Access Rights	open
Creator	TU Delft
Version Date(s)	2022-07-13
system:type	Course

Availability Information

Description: Availability Information

Field	Value
Country	Italy - ITA
Country	Portugal - PRT
Country	Spain - ESP
Country	Romania - ROU
Language	eng, English

Learning Information

Description: Attributes characterising the Learning resource.

Field	Value
Competence	Not Available
Duration	6 weeks, 3-4 hours per week
Learning Outcome(s)	Describe concepts and objectives of open science; Analyze and discuss benefits and barriers of particular open science cases, including cases from within your own region or discipline; Set up an open data sharing strategy to increase your research visibility; Determine appropriate route to take when

open access article; you can choose and learn more on these topics: Increase your visibility; Set up a research strategy and make it stand how research can citizen science

Challenges

- OS FAIR 2021: RDM Training & Support catalogue landscape ([event page](#), [report](#))
- Common challenges:
 - Metadata model
 - Controlled vocabularies
 - Sustainability
 - Quality assurance / curation process

Quality assurance

- OpenAire CoP TF on Quality assurance of learning resources
- Draft document
- Framework to define QA criteria within your tool/project.

CREATION OF LEARNING RESOURCES

QA criteria and procedures focus on the quality of the learning resources that are being produced



A content creator persona

SELECTION OF LEARNING RESOURCES

(select/accept learning resources in a training platform or a catalogue of learning resources)

QA criteria and procedures focus on the quality of the materials to be included, but the main goal is to ensure the quality of the platform/catalogue.



A content selector persona

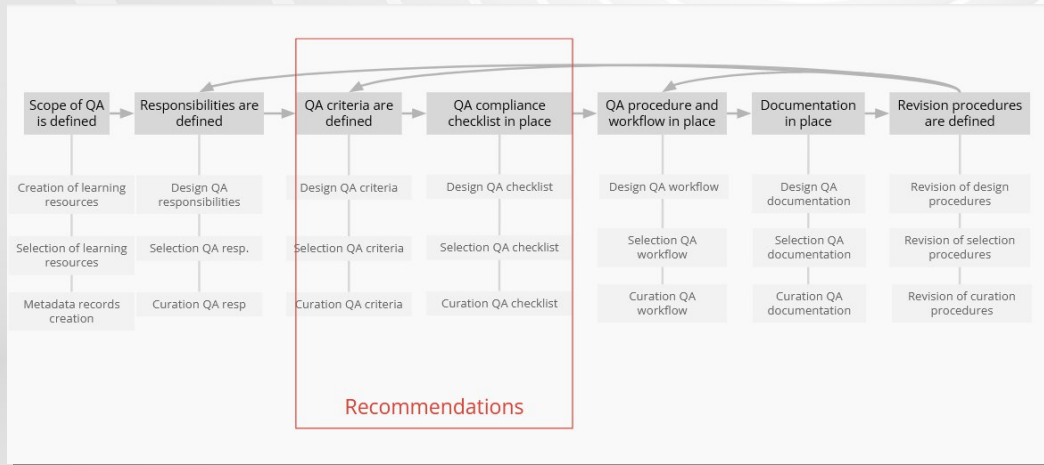
METADATA RECORDS CREATION

(e.g. during the curation of records in a training platform/catalogue)

QA criteria and procedures focus on the quality of the records in the platform/catalogue (metadata, etc.), where the main goal is to ensure the quality of the platform/catalogue.

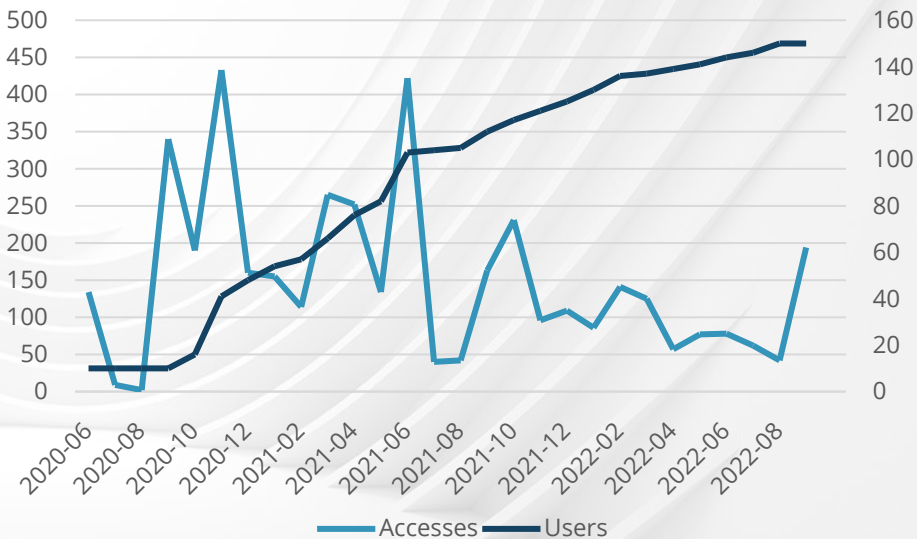


A metadata creator for the content persona



Outreach & community

- 150 members
- >140 average monthly accesses
- Outreach events (webinar, training courses, etc.)
 - Promote catalogue
 - Gather feedback



What's next?

- Finalize metadata mapping & update exercise
- Continue populating the catalogue with more training and support resources.
- Finalize & publish QA criteria with OpenAIRE CoP
 - Develop EOSC-Pillar QA checklist
- Deliverable due in December 2022



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Thank you!

Paula Oset Garcia - Ghent University, EOSC-Pillar

Get in touch with us!



www.eosc-pillar.eu



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