FAIRsFAIR
Fostering Fair Data Practices in Europe

Supporting Research Data Management Skills across Disciplines with FAIRsFAIR Competence Centre
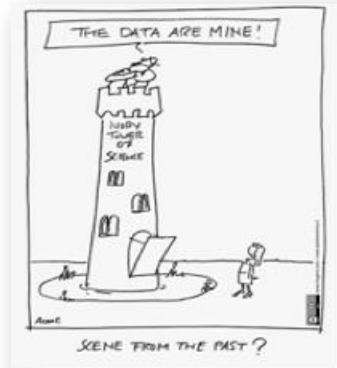
Gabin Kayumbi - STFC UKRI

Abstract

In the past years, the formulation of FAIR (Findable-Accessible-Interoperable-Reusable) principles has given rise to numerous initiatives aiming at supporting research communities into translating those principles into practice for a better data management. Whilst that trend has encouraged the development of multiple initiatives, most of the times however, the latter corresponded to attempts to respond to the needs of specific domains or communities, resulting in a fragmented landscape. To address that issue, the FAIRsFAIR virtual competence centre seeks identifying synergies across disciplines and communities while being a hub of expertise that connects people and resources in implementing FAIR principles. Specifically, in its effort to fill the skills gap identified by the European Open Science Cloud (EOSC) in Turning FAIR into Reality, FAIRsFAIR competence centre is particularly focusing on supporting communities in research data management through training. The key target here are data stewards and other professionals supporting research, regardless of their disciplines and work environment. To achieve its goal, the competence centre has structured its operations around three main roles: a) advisory (including training resources and guidance), Dissemination (through community engagement), and Harmonisation (metadata interoperability). The FAIRdata Forum, a key component of the FAIRsFAIR competence centre, is an online platform offering a community-driven space for dissemination of training material, courses, and sharing of best practices. In addition to providing a space for knowledge exchange, FAIRsFAIR competence centre builds up what constitutes a Knowledge Base of FAIR training material. It also promotes a collaborative work with other FAIR initiatives to harmonise approaches in translating EOSC vision into practice.

Background: FAIR Landscape

Findable
Accessible
Interoperable
Reusable

Astrid Orth, Najla Rettberg, October 2014

FAIR landscape

PRACE
ICOS
ENVRI-FAIR
ExPANDS
ESCAPE
ARDC FAIR Data
FAIRplus
FAIRDOM
RDNL
OpenAIRE
DANS
EERAdata
FAIRsharing
GO FAIR
SSHOC
LIBER
GOBLET
ELIXIR
EOSC-NORDIC

Formulation of **FAIR** principles

FAIRsFAIR Competence Centre

Support core **community** knowledge bases of FAIR Competence Centre for different thematic areas and disciplines; **avoiding duplication of efforts** and identifying opportunities for **synergies**

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FOCUS

➔ FAIRdata Forum

➔ Development and delivery of training activities

➔ Contribute to emerging standards and approaches to curation of FAIR training materials identifying areas for synergy and harmonisation

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Interoperability:
- Training resources catalogues

Fairdata forum:
- knowledge exchange
- skills

COMPETENCE CENTRE operations

Training:
- Data Stewardship
- Guidance

Community engagement

- Access to resources
- Leadership for thematic areas

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FAIRsFAIR Competence Centre - FAIRdata Forum

Community Engagement

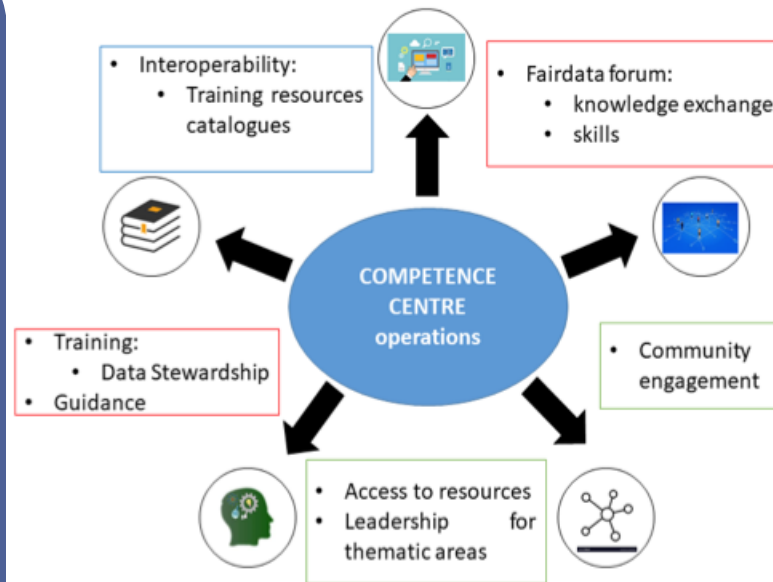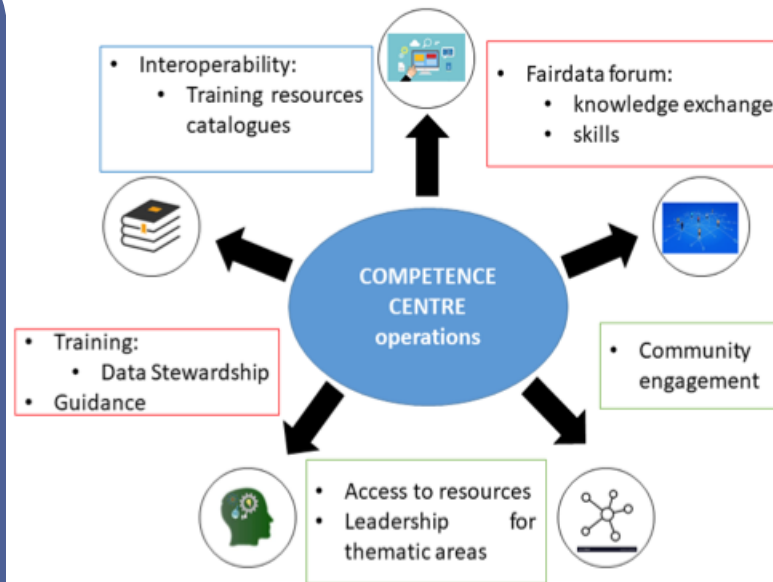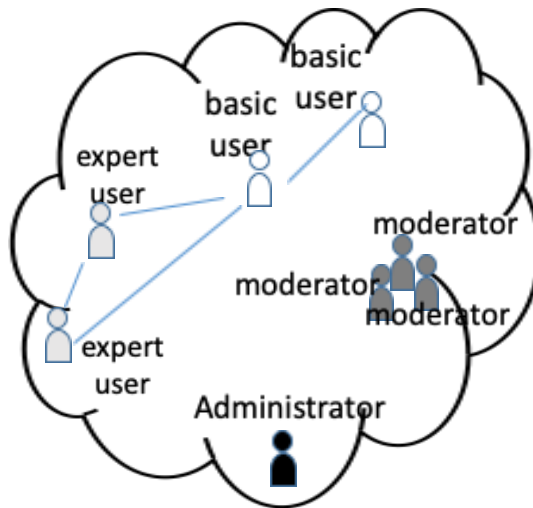➔ Online platform for peer-to-peer knowledge exchange

➔ Signpost to resources and tools that support FAIR

➔ Support Data Stewardship training

➔ Posts to form a knowledge base of shared information

Awareness adoption

basic user
basic user
expert user
moderator
moderator
moderator
expert user
Administrator

Collaboration

FAIRdata Forum

FAIRdata Forum supports the FAIR Competence Centre as an open space for users (individuals, institutions, organisations) to post queries, answers, comments and events notifications pertaining to making data FAIR. The FAIRdata Forum was initiated by the FAIRsFAIR "Fostering FAIR Data Practices in Europe" project which has received funding from the European Union's Horizon 2020 project call H2020-INFRAEOSC-2018-2020 Grant agreement 831558.

search topics, posts, users, or categories

We want to hear from you!
Over the next couple of weeks, we will begin adding some poll questions to the FAIRdata forum. The aim is to gather some feedback from the community on topics relating to FAIR. The information gathered will be used to help us shape and further develop the FAIRdata forum. All polls will be anonymous and open to all.

The first poll is now live. Click here to view & answer the poll.
Note: you will need to be logged in to add your vote.

all categories | **Categories** | Latest | Top

Category	Topics	Latest
Welcome and Announcements Use this section to find out more about the forum, how to get started and ask questions about the forum itself.	8	⚲ How to get started? 14 Jul
		⚲ How to register [Como registrarse] 14 Jul
		🔒⚲ Welcome to the FAIRdata Forum! 12 Apr
What is FAIR? This section contains background information for those who are new to FAIR. If you have ideas for new topics please add a comment here and we will look into it.	2	⚲ What is FAIR? Resources & recommended reading for those wh… 29 Jul
		Request for recommended reading Sep '20
FAIR data competences in Universities This forum aims to open the discussion between participants in the Workshop "FAIR data competences in doctoral education programmes". Is intended to be an opportunity to present and discuss the specific needs and challenges of RDM competences and skills at the doctoral level. ■ FAIR data skills throughout educational portfolio ■ Training programmes for researchers and staff ■ Practical guidance on application of FAIR data	4	⚲ Welcome to FAIR data competences in Universities forum 18 Aug
		Community review for teaching and training handbook on the FAI… 27 Jul
		Open Science at Europe's universities: 2020-2021 EUA Open Scie… 8 Jul

FAIRsFAIR Competence Centre - Training Library

Apply emerging standards to describe learning resources in FAIR data stewardship

➜ making training materials **findable**

➜ contributing to the RDA **Education and Training** on handling of research data

➜ contributing to use case of **training materials for Terms4FAIRskills** terminology

Training Library

Home / Competence Centre / Training Library

The training library contains records to **materials and resources** that can be used **to support training and the development of a harmonised understanding on FAIR** related topics.

Items in the library include:

- Materials that have been explicitly produced/developed to be reused and shared beyond the initial target audience e.g. train-the-trainer related training materials.
- Materials that are available for re-use/inspiration but have not been explicitly designed for training or re-use beyond the initial purpose e.g. webinars.

The initial selection of materials has been drawn from the FAIRsFAIR project and partners and related FAIR activities.

OBJECT	DATE	MATERIAL TYPE	FORMAT
Make your data FAIR in 10 easy steps! This video guide takes you through the process of using the FAIR-Aware tool. FAIR-Aware (FAIR-Aware (knaw.nl)) is a tool which helps researchers and data managers asses how much they know about the requirements for making datasets FAIR. YouTube	31/05/2021	Guide	video
Planning to meet the costs of managing research data to be FAIR A recording of the introduction to the presentation that was held as part of the SSHOC DARIAH Train-the-Trainer bootcamp. The video supplements the slides Planning to meet the costs of managing research data to be FAIR. YouTube	08/02/2021	Presentation webinar, Workshop	video
Planning to meet the costs of managing research data to be FAIR This presentation was held as part of the SSHOC DARIAH Train-the-trainer RDM Bootcamp held in February 2021. This session aims to offer training resources that can be adpated for an institutional context. Zenodo	08/02/2021	Presentation slides, Workshop	pdf
Introduction to Research Data Management and Open Research Zenodo	17/05/2021	Presentation slides	pdf
Pedagogy and learning design for developing training The learning objective of the session is to equip trainers with the foundations of pedagogy and learning design in delivering training. The learning objective of the exercise is to	07/06/2021	Exercise, Presentation	pdf, docx

Keywords

Certification
Costs
Datasets
Learning Design
Metadata
Pedagogy
Policy
Responsible Research
Semantic Artifacts

Target Group

☐ Data Curator
☐ Data Research Infrastructure Support Professional
☐ Data Scientist/Data Analyst
☐ Data Steward/Data Librarian
☐ Educator/Trainer
☐ EOSC Enabler
☐ Policy Maker
☐ Research Software Engineer
☐ Researcher

Material Type

☐ Case Study
☐ Course
☐ Exercise
☐ Guide
☐ Presentation slides
☐ Presentation webinar
☐ Reference material
☐ Workshop
☐ Other

Format

☐ pdf
☐ pptx
☐ docx
☐ video

Apply   Reset

FAIRsFAIR Competence Centre - Data Steward Training

Support a range of communities in their activities aimed at FAIR data uptake and compliance, deliver data stewardship training

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➢ Train-the-trainer activities aimed at instructors
➢ Training aimed at data stewards / data support roles (generic and advisory roles) in universities and other research institutions
➢ Discussions on FAIRdata Forum

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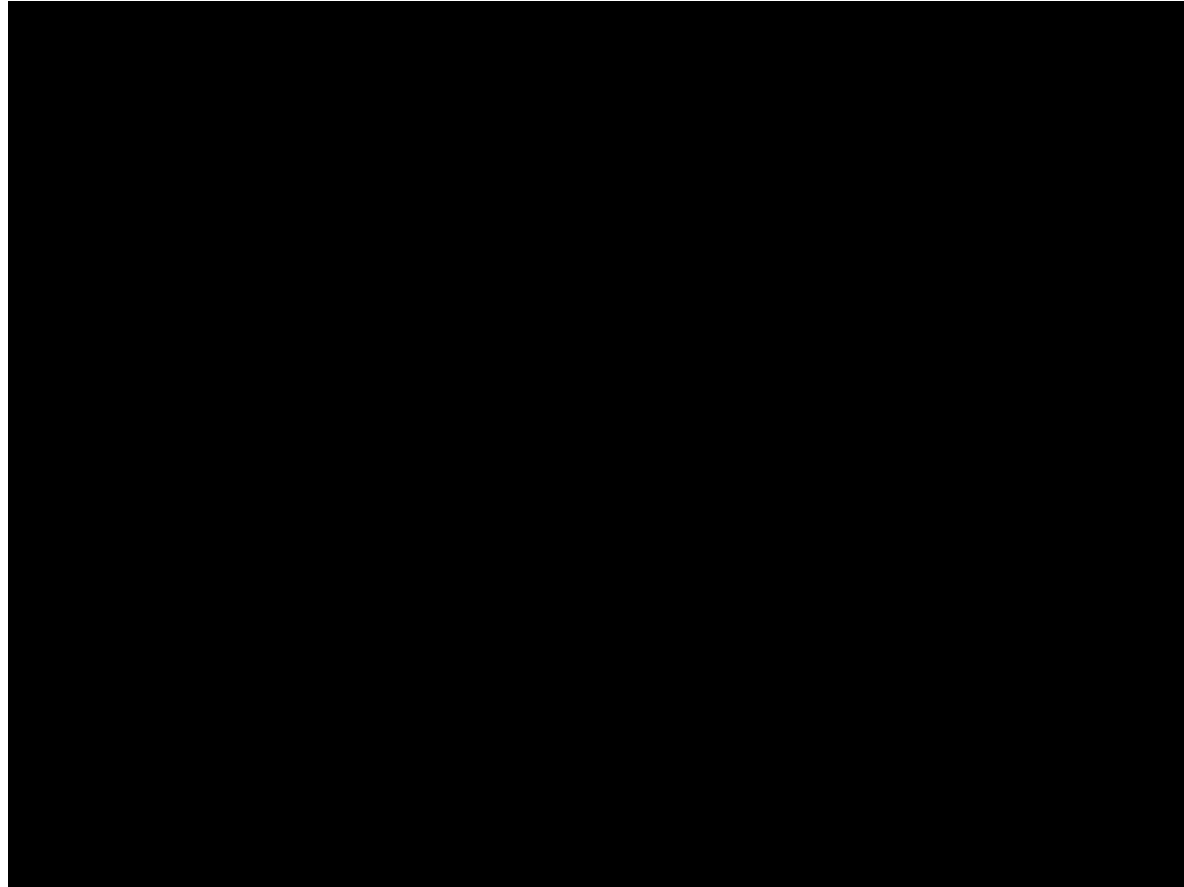
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Way Forward
➢ Training and community building to support emerging roles
➢ Bring people together from different organisations to share experience and knowledge

Play the video and browse the section

We Want to Hear from YOU !

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The first poll is now live!

View & answer the poll :

https://fairdataforum.org/t/what-do-you-know-about-fair-poll/477

Note: you will need to be logged in to add your vote