



EUDAT infoshare: empowering NRENs and their institutions with data management capabilities

23rd January 2023

<https://events.geant.org/event/1341>

Aim of the event

- Share expertise on how NRENs are supporting RDM
- Learn about the EUDAT service suite
- Hear examples of different ways EUDAT can be used



Agenda

Time	Topic	Speaker
13:00	Welcome and intro to role of NRENs in data management	Sarah Jones
13:15	Introduction to EUDAT services	Debora Testi
13:20	HEAnet and EUDAT	Roberto Sabatino
13:30	CSC and EUDAT	Anssi Kainulainen
13:40	What EUDAT can offer NRENs and how to get involved	Debora Testi
13:50	Q&A	

<https://events.geant.org/event/1341>

Housekeeping

- Webinar will be recorded
 - Keep video off if you don't want to be seen on this
- Stay muted during presentations
- Ask questions in chat as we go
- Raise any technical issues to Leo



The role of NRENs in data management

Sarah Jones

EOSC Engagement Manager

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

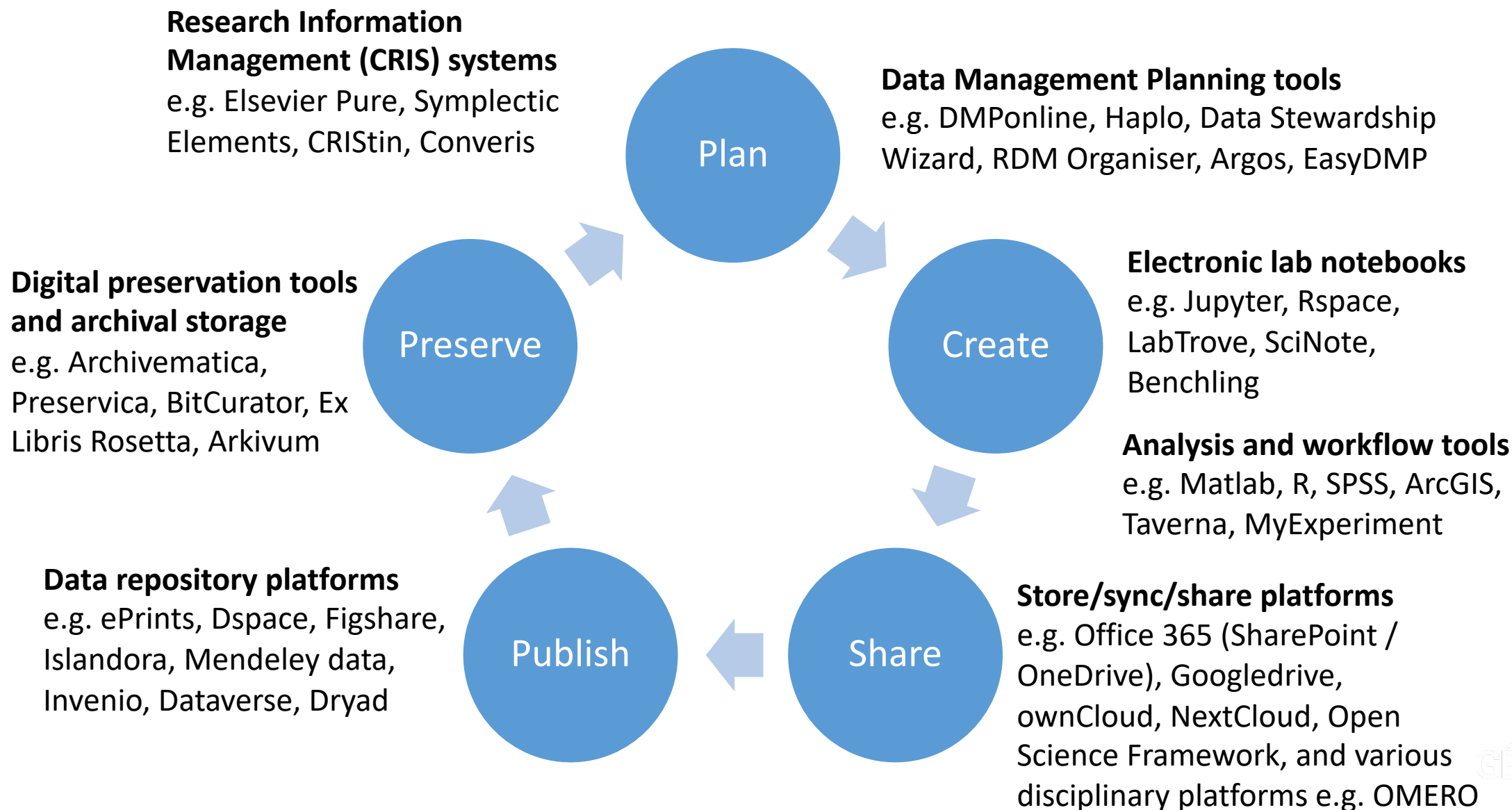
Why are NRENs relevant for data management?

- Researchers are based in institutions so core provision to store, collaborate, publish, share data comes from uni
- NRENs provide the main infrastructure for services to work
 - Network connection
 - Trust and Identity services e.g. eduroam
 - Increasingly offer 'above-net' data services e.g. Researchdrive, DMP tools, ELN...
 - Can help to broker service contracts e.g. to CRIS systems via HEAnet
- Universities are members of NRENs so they can help provide national advocacy and coordination

What are unis doing to help?

- Offering various services throughout the lifecycle
- Consulting with researchers on DMPs to plan well from start
- Running training courses to increase data skills
- Providing data stewards / software engineers as part of team
- Coordinating strategy at institutional level – RDM boards

Institution often have many data services in place



Challenges faced when delivering RDM services

- Different service units are often responsible for each system
- Services are not always acquired systematically with a view of data exchange / connections between systems
- There's a lack of interoperability across research systems – lots of re-entering of data, poor join-up
- Need to coordinate across actors, within universities and across unis
 - role for NRENs?

Role of NREN in national Open Science coordination

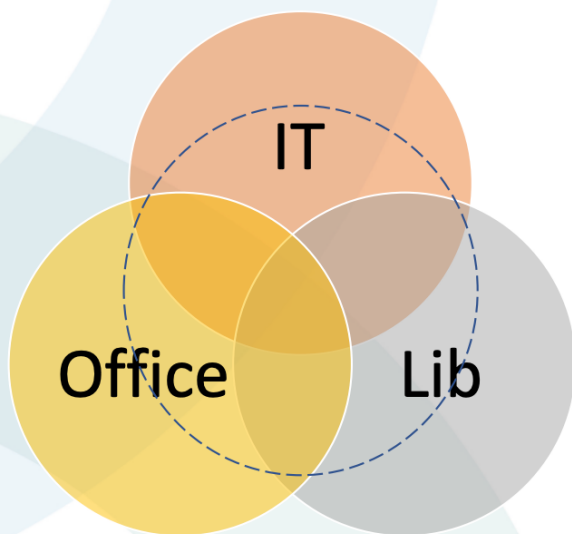


- 20 NRENs plus GÉANT are Members of the EOSC Association
- 3 are Observers
- 12 of these NRENs have been appointed as Mandated Organisations to represent national interests

<https://connect.geant.org/2022/05/30/nrens-in-the-european-open-science-cloud>

Coordination of national fora

RESIN : national REsearch Services and INfrastructure forum



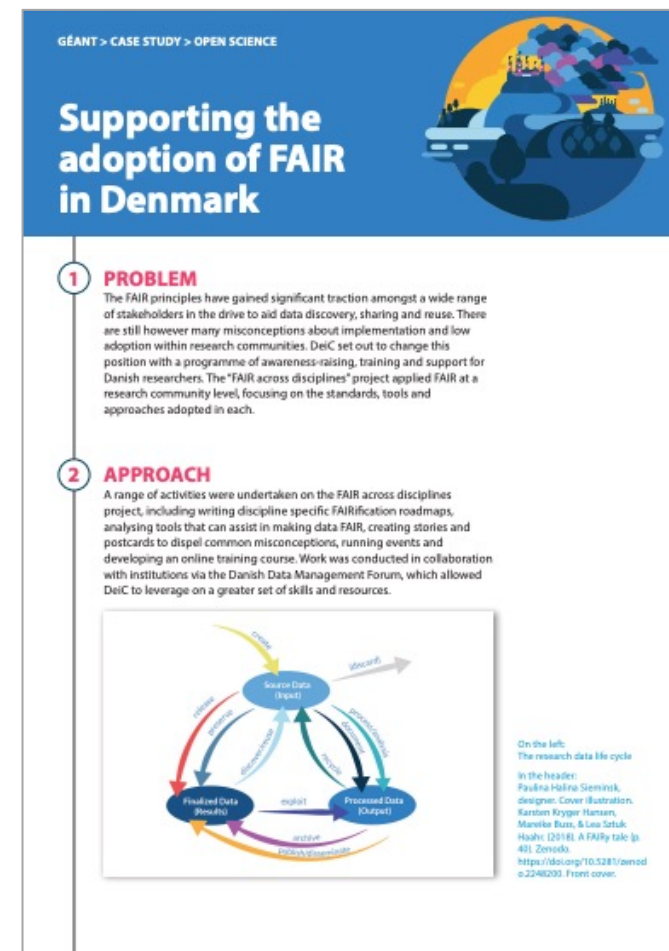
- > 60 individuals
- 22 organisations
- HEAnet ideally placed to lead
- resin.heanet.ie

Support programmes to increase good practice

FAIR across disciplines programme from DeIC

- FAIRification roadmaps
- Metadata for Machines workshops
- Case studies on FAIR practices in disciplines
- Online training courses
- FAIRytale and other resources

https://resources.geant.org/wp-content/uploads/2022/02/GEANT_Open_Science_Case_Study_DeIC-Supporting_the_adoption_of_FAIR_in_Denmark-1.pdf



Delivery of national services

SUNET facilitates access to DMPonline on behalf of Swedish universities

One contract, but each institution can have local front-end and admin



ULAKBIM runs Aperta as a multi-disciplinary open data repository for all researchers in Turkey

Assigns DOI and uses schema.org metadata

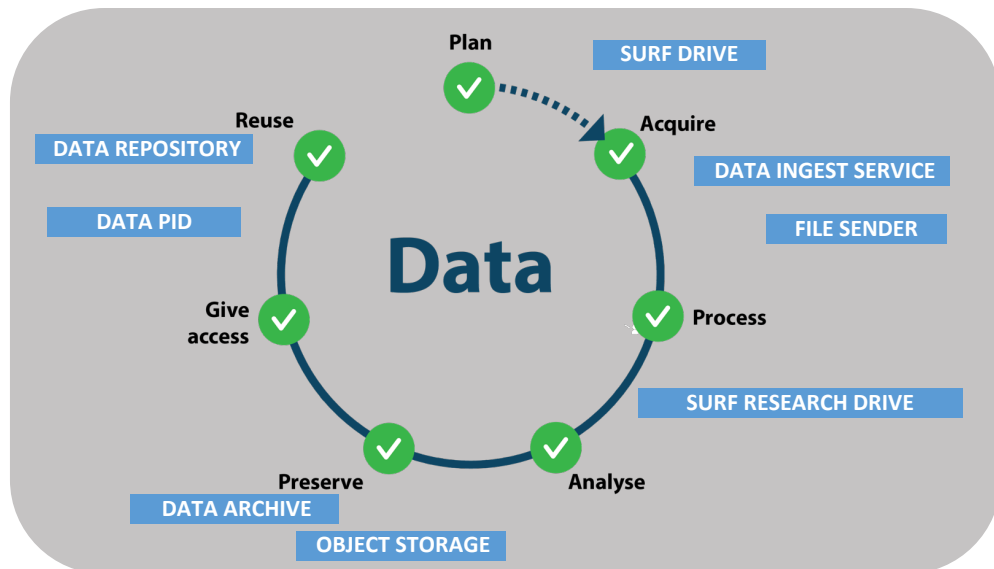
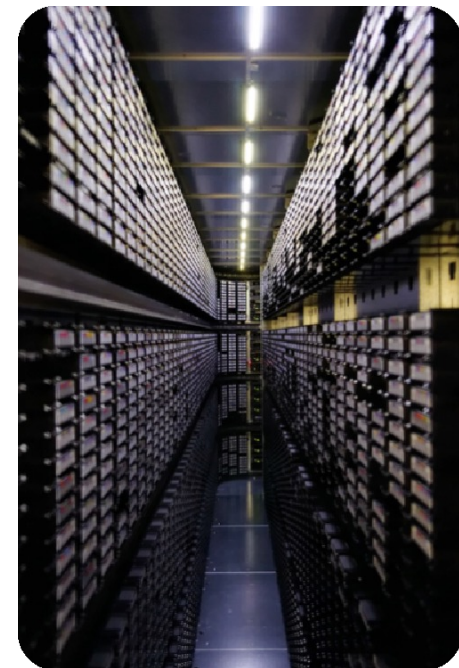
<https://aperta.ulakbim.gov.tr>





SURF support on data storage & management

- [Data Archive](#)
 - [Storage Scale Out](#)
 - [iRODS hosting](#)
 - [Object Store](#)
 - [SURF Data Repository](#)
 - [SURFsharekit](#)
 - [Data Persistent Identifier](#)
 - [Research Drive](#)
 - [SURFdrive](#)
 - [Data Ingest Service](#)
 - [SURFfilesender](#)
- Secure, long-term storage on tape
Expand your local storage to the Data Archive via iRODS
For use with Data Archive if your institute does not have iRODS
Store large quantities of data
Annotate & publish large amounts of data
Repository service for research publications, graduation products and OERs in higher education
Permanent references to find data always
Cloud-based shared-storage for large quantities of data
Personal cloud storage service
Uploading data to SURF via hard disks
Send & receive large files via a web-based tool, secured with encryption



With respect to **your data**, are you wondering **which service is most suitable?**

This is a question that cannot be answered in general. That's why our consultants always start with tailor-made advice. Together, we will find the most suitable answer to your question.

<https://www.surf.nl/en/portfolio-data-services-what-service-do-you-need-to-manage-and-store-your-data>



Slide courtesy of Hylke Annema

HEAnet cRIS procurement framework

- Consulted with institutions to understand the main systems in use
- Ran series of market engagement sessions with providers
- Call to tender focused on qualitative elements to enable institutions to assess options based on service quality
- Framework supports a direct award mechanism, light weight mini tender and full mini tender process

Suppliers

- Clarivate
- Digital Science
- Elsevier
- Smartsimple
- Vidatum
- Worktribe

<https://www.heanet.ie/brokerage/services-consultancy/research-information-system-grant-claims-management>

Jisc dynamic purchasing system for repositories



Purchasing frameworks (in general)	Dynamic purchasing system
Limited application window	Suppliers can join at anytime
Number of suppliers fixed	Unlimited suppliers may join
Pricing set at outset?	Pricing at contract award stage

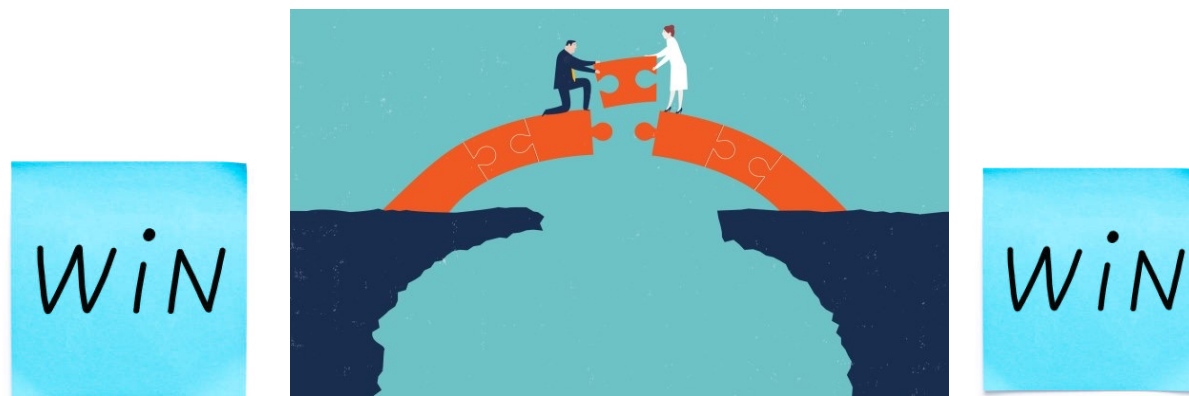
Suppliers

- 4science
- Elsevier
- Ex Libris
- Figshare
- Haplo
- Jisc
- MyScienceWork
- Reach Solutions

<https://www.jisc.ac.uk/research-outputs-repository-systems-purchasing>

Why is it useful for NRENs to be a partner in RDM?

- In all MS/AC – truly European infrastructure
- Have demonstrated robust & reliable service delivery at scale
- Have viable, sustainable business models
- Have relevant skills to provide solutions e.g. procurement
- Work for universities who are grappling with RDM
- Can act as a community and lobby for change





Thank You

Any questions?

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