



UNIVERSITY OF  
EASTERN FINLAND

# **A grassroots-perspective on EOSC while developing the data management support services of a university: Case University of Eastern Finland**

**EOSC Finnish Forum**

**8.6.2022 Niina Nurmi & Manna Satama**

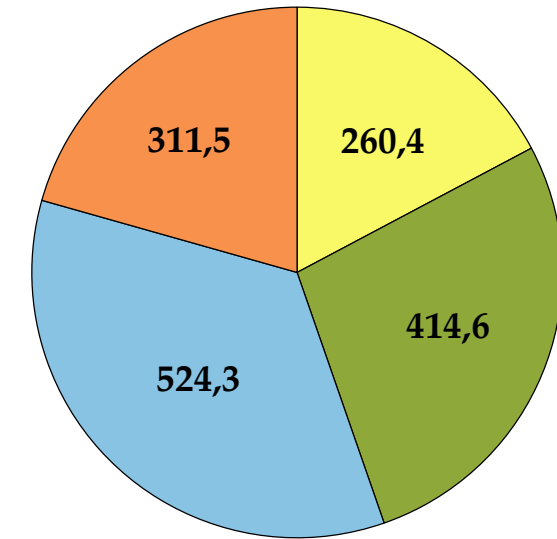




# University of Eastern Finland (UEF) - profile

- ❑ Multidisciplinary university
- ❑ Operates on two campuses (Kuopio and Joensuu)
- ❑ 2 750 employees, 16 000 degree students (2020 figures)

Teaching and research staff HTV 2020



- Philosophical Faculty
- Faculty of Science and Forestry
- Faculty of Health Sciences
- Faculty of Social Sciences and Business Studies





# UEF library

- ❑ Coordination of Open Science at UEF → represented in a new steering group for Open Science since Spring 2022
- ❑ An active role in national work promoting Open Science, incl. Finnish Association of Research Managers and Advisors (Finn-ARMA), working groups for Open Science (Federation of Finnish Learned Societies, TSV in Finnish)
- ❑ An active role in international collaboration, incl. **EOSC-Nordic\***, YUFERING-project
- ❑ Coordinates a **project on developing research data management (RDM) support services at UEF** (Feb 2021- Dec 2022, continued for Feb 2022 - Dec 2022)



\* facilitates the coordination of European Open Science Cloud (EOSC) relevant initiatives within the Nordic and Baltic countries

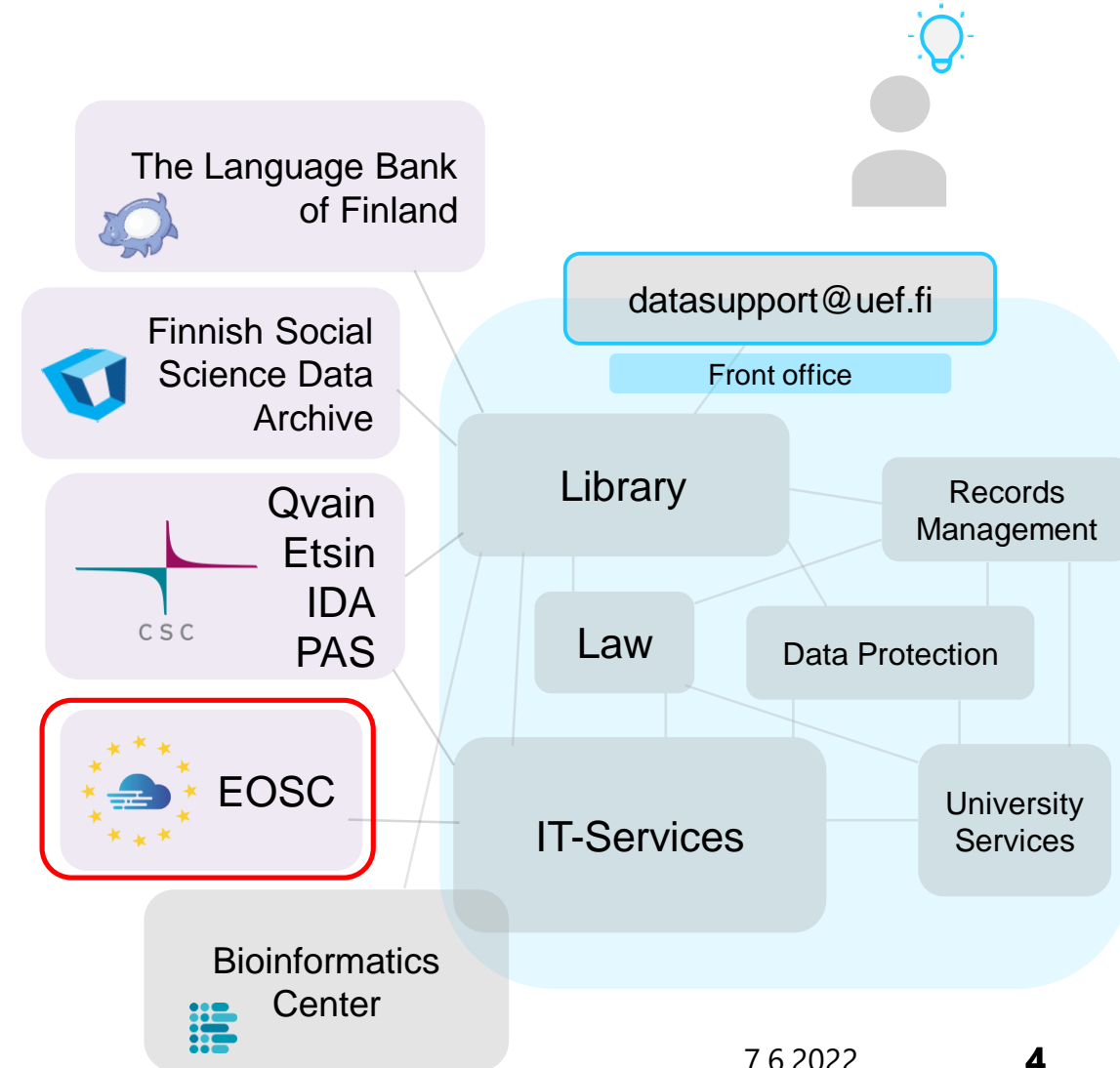


# UEF RDM Services: The development project

**Being new to UEF at the beginning of the development project (February 2021), we sketched how the renewed RDM service might look like. Summary of the project aims included:**

- ❑ Delineating roles, responsibilities & resources (library's coordinating role, responsibilities of the Faculties etc.)
- ❑ Improving visibility of services via the Front office
- ❑ Better linking of 3rd party service providers, incl. national (Language Bank, FSSD, CSC) and EU-level solutions (EOSC)

With EOSC, our perception may have been influenced by the word/symbol 'cloud', hence tied to IT-Services.





# UEF RDM Services: The development project

**The development project reached piloting phase (incl. Implementing renewed service) in March 2022:**

- ❑ We start compiling **a new website for UEF Datasupport** → where & how to place information about 3rd party services/providers (e.g. CSC, Language Bank)?
- ❑ We participate in answering RDM service requests (DMP commentings etc.) → how much does RDM staff need to know about 3rd party services; when to direct the customer to contact the provider directly?
- ❑ Our marketing about the renewing RDM services bears fruit → UEF Datasupport receives a request **to give a tailored RDM training to a research group** (incl. where to open code/software and how does UEF eRepo link to everything)

EUDAT & data  
sharing or  
archiving?

How to find  
trustworthy  
solutions?

Should a  
researcher  
understand  
EOSC?

Do we grasp  
EOSC?



## FAIRdata palvelut vs UEF eRepository

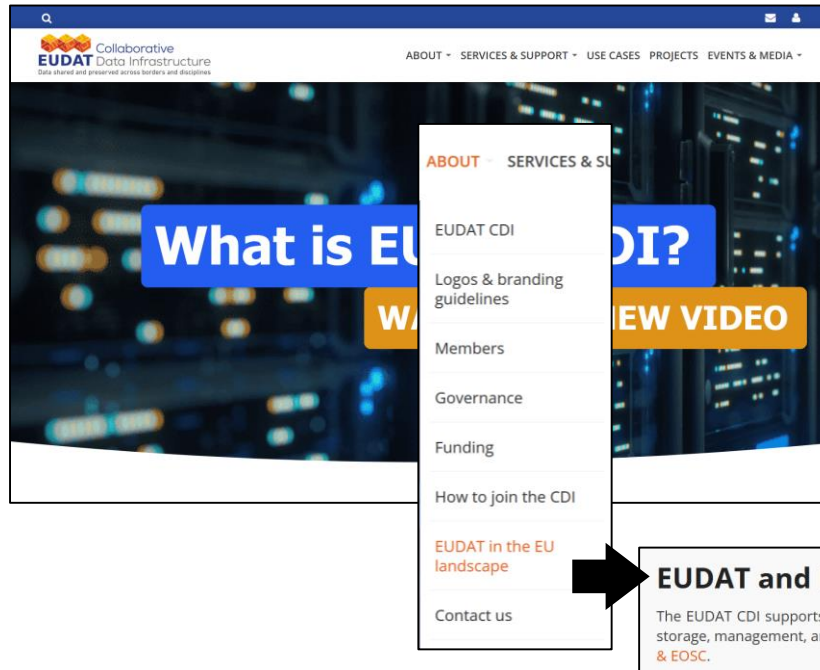




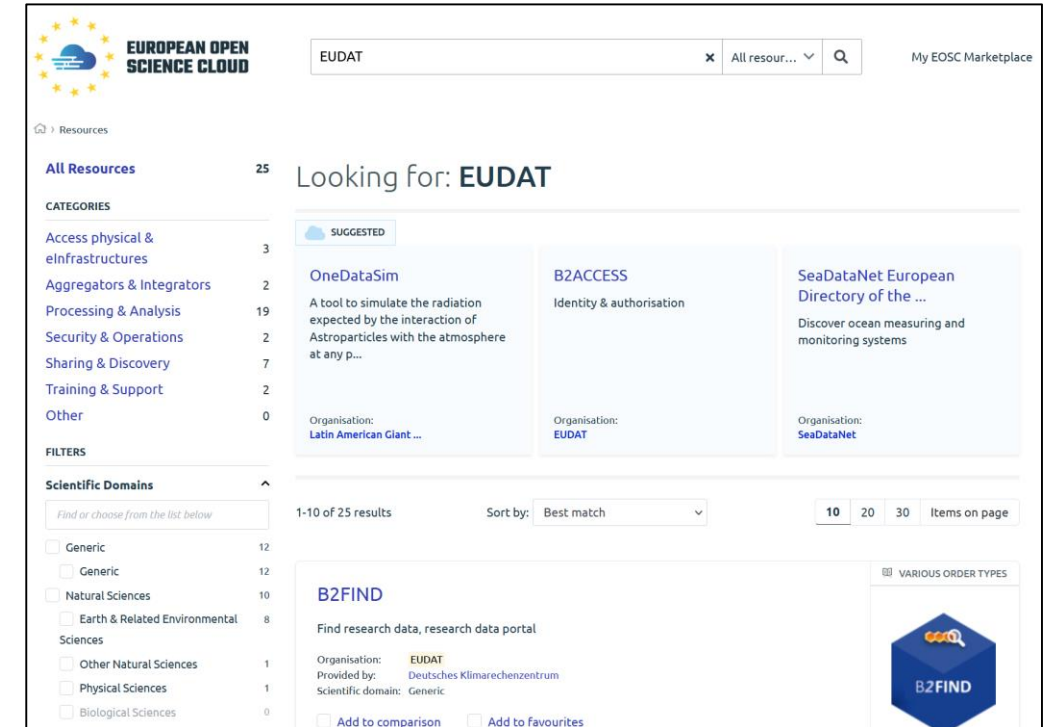


# Post-training: the association between EUDAT and EOSC?

## Provider website: EOSC affiliation not apparent

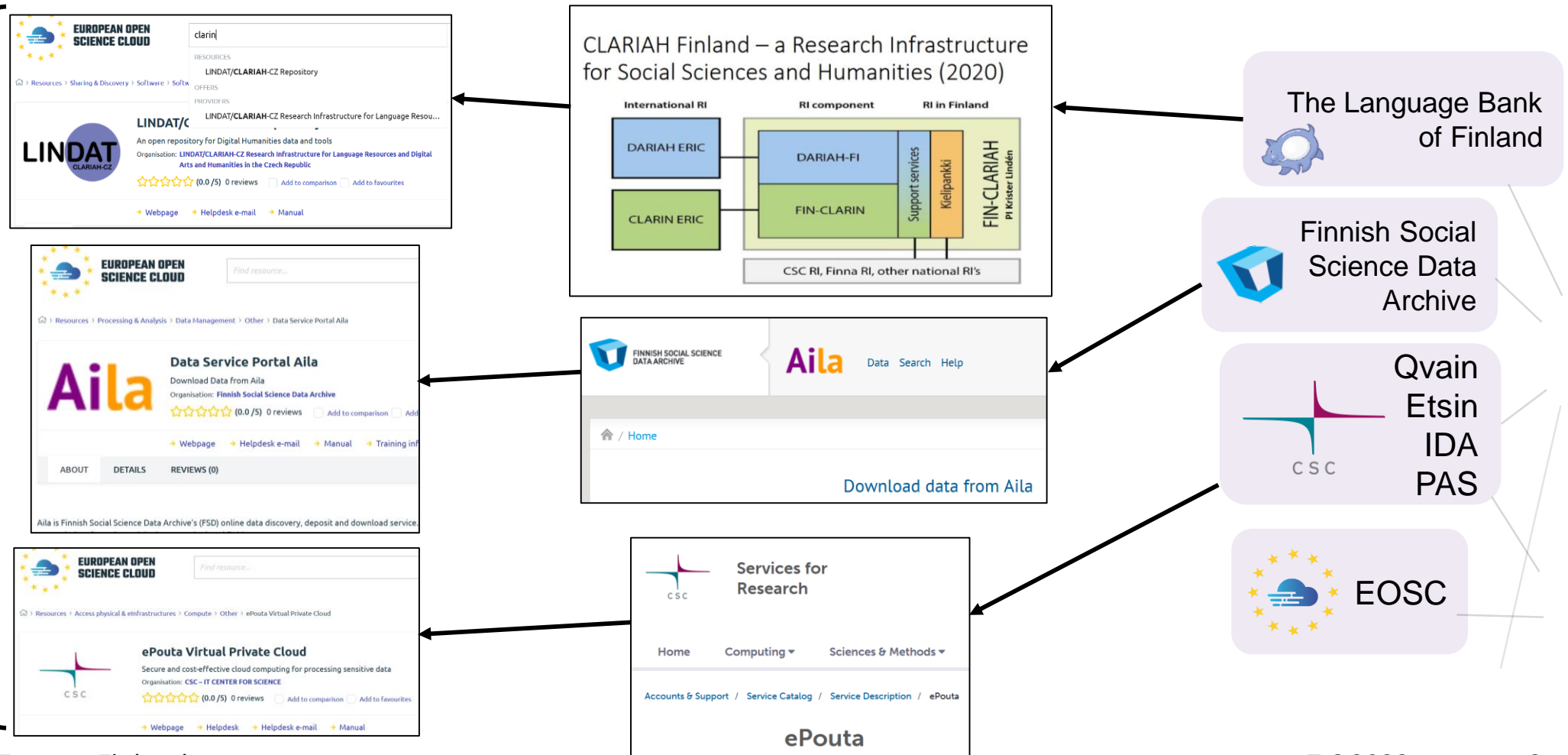


## Marketplace website: EOSC affiliation apparent





# Other services and tools we give training or information about & link to EOSC

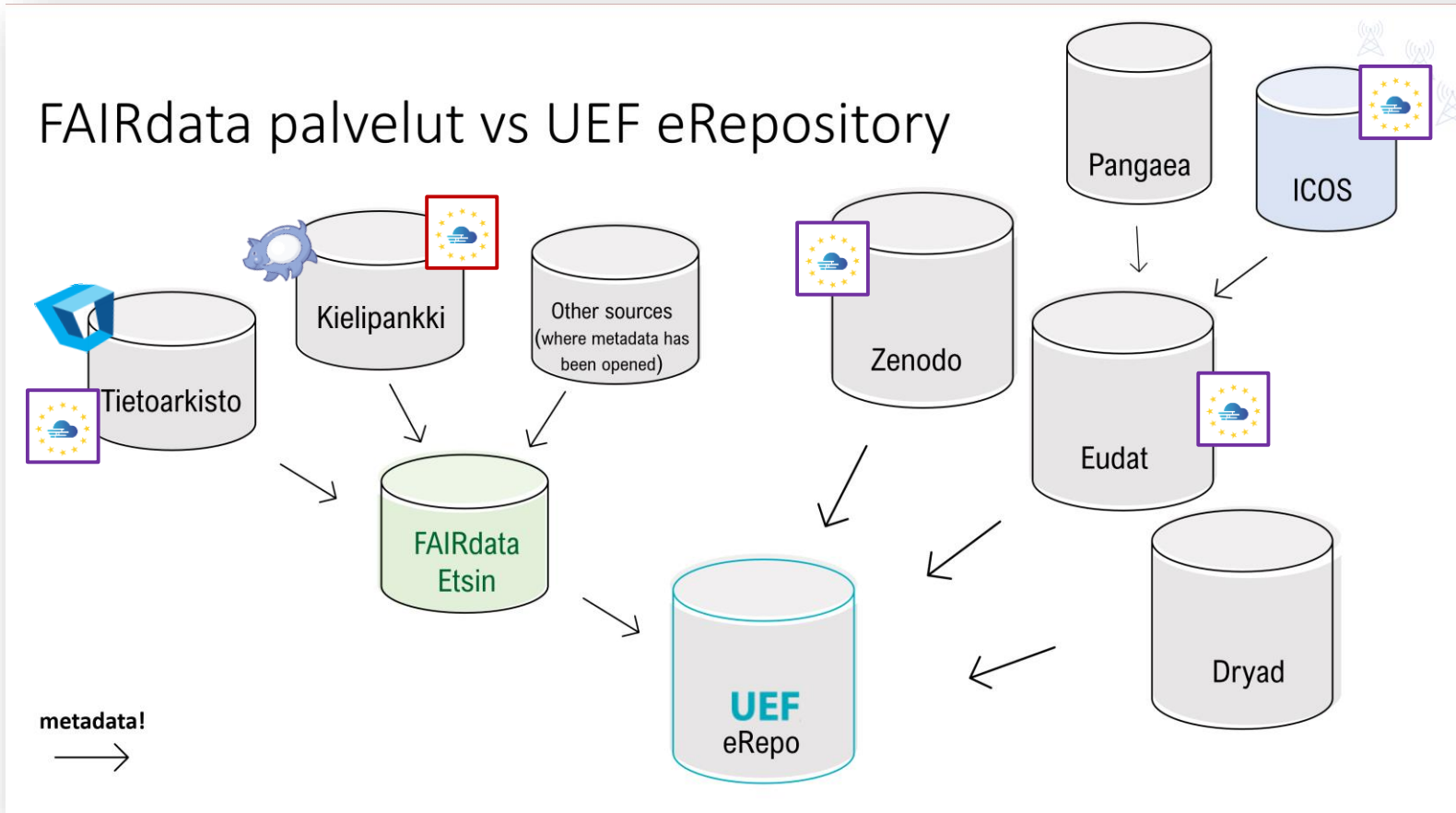






# Towards an increasing awareness about EOSC

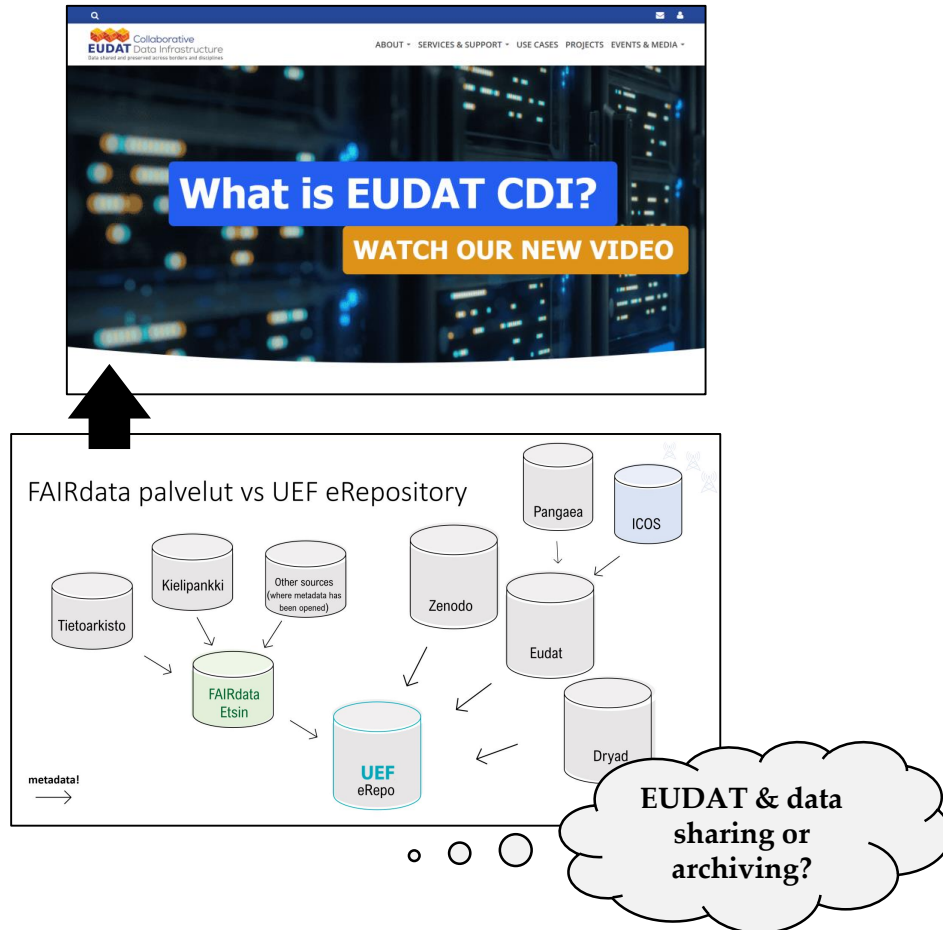
Future training slide?: many services/infra are findable via EOSC Marketplace (or indirectly linked to EOSC) → could be used for raising awareness



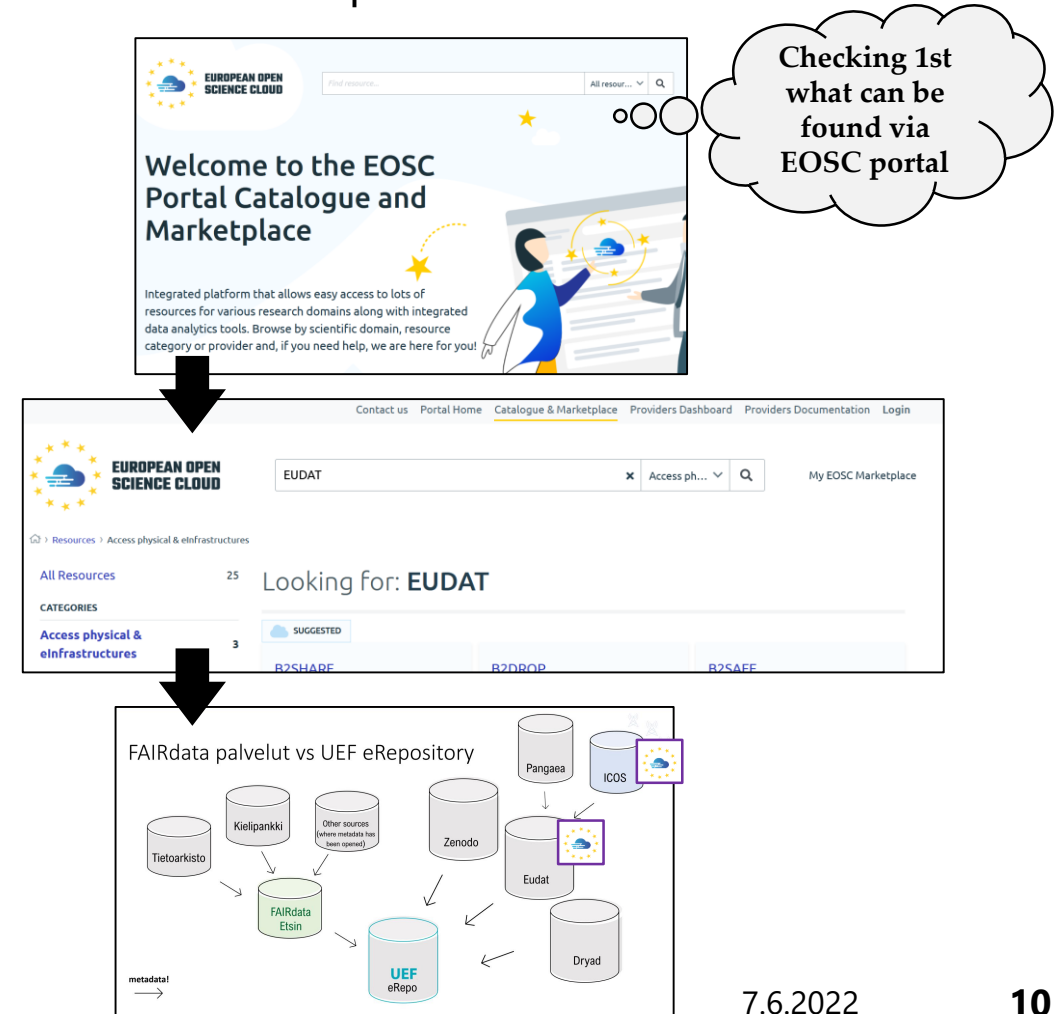


# Bottom-up vs Top-down approach

## Bottom-up

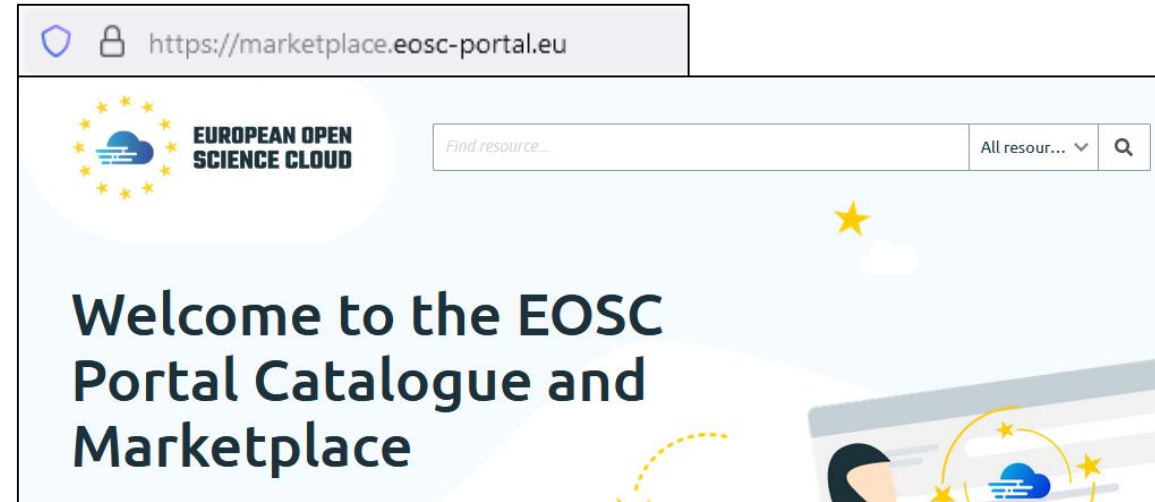
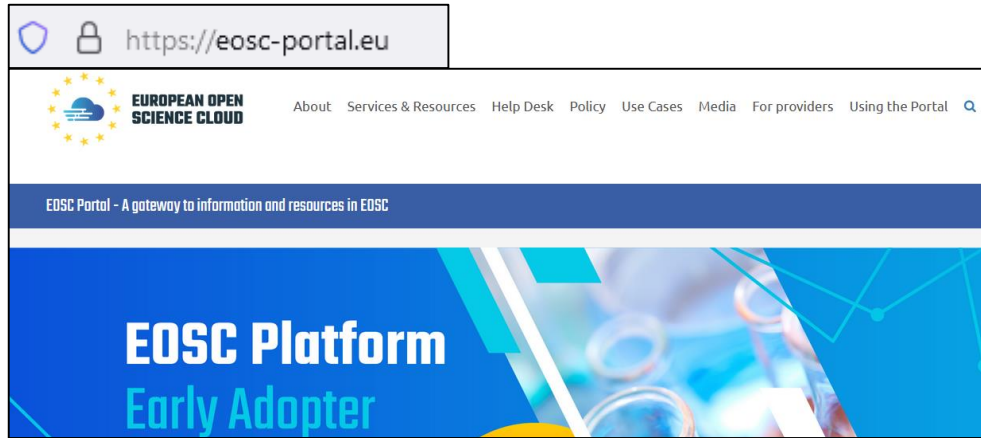


## Top-down





# EOSC websites: portal vs marketplace





# EOSC and research groups

According to a checklist based on the Digital Curation Centre's Research Infrastructure Self-Evaluation (RISE) framework, the participation of Research groups is unclear.

- ❑ Various roles on the EOSC Marketplace: providers, users (could research groups be considered in either role?)
- ❑ How and what to train researchers/research groups about EOSC?
- ❑ Both the RDM staff and researchers need training on some level.

checklist for

## RDM service development

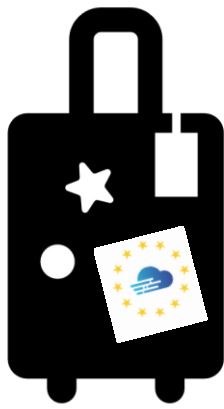
	Research Group	Institution	Repository	Research Infrastructure	Funder	National
RDM Policy	?	✓	✓	?	✓	✓
Business plans + sustainability	?	✓	✓	✓	✓	✓
Data Management Planning	✓	✓	✗	?	✓	✓
Active Data Management	✓	✓	✗	✓	✗	✗
Access and Publishing	✗	✓	✓	✓	✓	?
Appraisal + Risk Assessment	✓	✓	✓	✓	✗	✗
Preservation	?	✓	✓	✓	✓	✓
Training	✓	✓	?	✓	?	✓
Advisory Services	✗	✓	✓	✓	?	✓
EOSC Participation	?	✓	✓	✓	✓	✓
FAIR Assessment	✓	✓	✓	✓	?	✓

Yes ✓ No ✗ Possibly ?

Adapted from: <https://zenodo.org/record/4594022#.YpihR1RBwuV>



# Take home messages



- ❑ Developing RDM support services as a project (our starting point)
  1. Emphasis on the internal processes, while understanding and linking the role of 3rd party service providers tends to receive less focus.
  2. Linking the (3rd party) service providers requires understanding of interconnectedness between national and international level → relations between service providers/platforms/infrastructures are not necessarily explicit.
- ❑ Changing the viewpoint: many services/tools used by our researchers are available via EOSC Marketplace
  1. Our unawareness about the EOSC-connection is partly due to the one-way information i.e. we visit provider sites (CSC, EUDAT, FSD) which rarely mention that service/tool is linked to EOSC, while visiting the EOSC Marketplace and conducting a search makes it apparent.
  2. We (researchers, RDM support staff) need certified and verified services and information about them to put open science in practice → EOSC Marketplace functions as a reliable site to find updated and clear information about services and solutions with a 'seal-of-approval' and trust.