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MREŽA ZNANJA

Ljubljana, 18.–21. november 2025

Engage, Explore, Empower: Community Engagement in the EOSC EU Node

Maja Dolinar

OpenAIRE AMKE

eosc

EURO SLING

2025 mesec znanosti

SLOVENSKA SKUPNOST ODPRTE ZNANOSTI

Engage, Explore, Empower

Community Engagement in the EOSC EU Node

Maja Dolinar, OpenAIRE AMKE

What is the EOSC EU Node?

- A platform created by the European Commission enabling Open Science in Europe.
- Provides federated access to research data, services, and computing resources.
- Supports Open Science principles (FAIR data, open access, reproducibility).
- Built and operated by a consortium of research institutions and service providers.
- Supports researchers, citizen scientists, and Horizon Europe projects.

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Who can use EOSC EU Node?

- **Open to all researchers**, not just Horizon Europe projects.
- Accessible for academic institutions, citizen scientists, and public initiatives.
  - Various levels of credits apply!
- Access is free – supported by European Commission funding.
- **Helps projects comply with Open Science and FAIR data requirements**.

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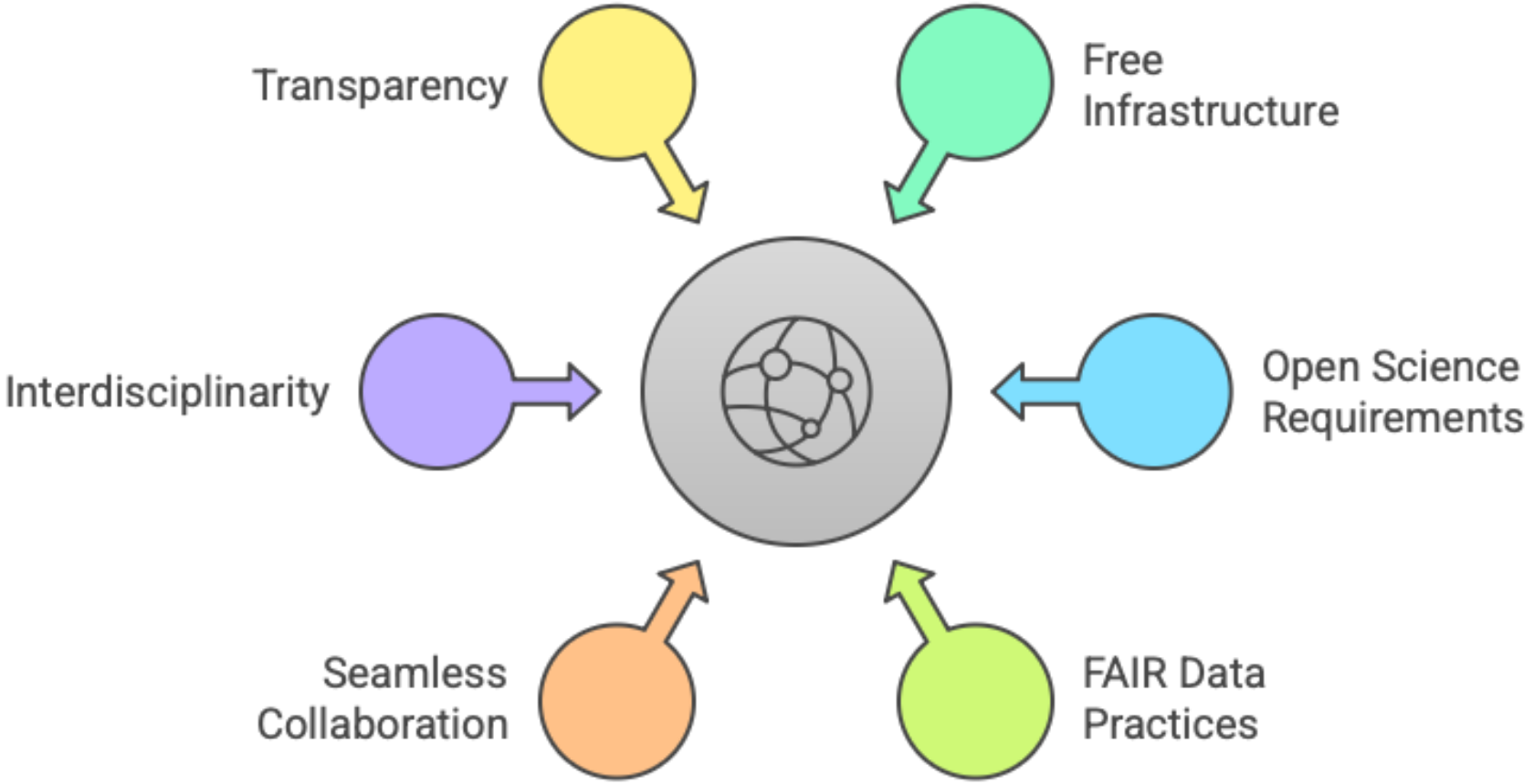
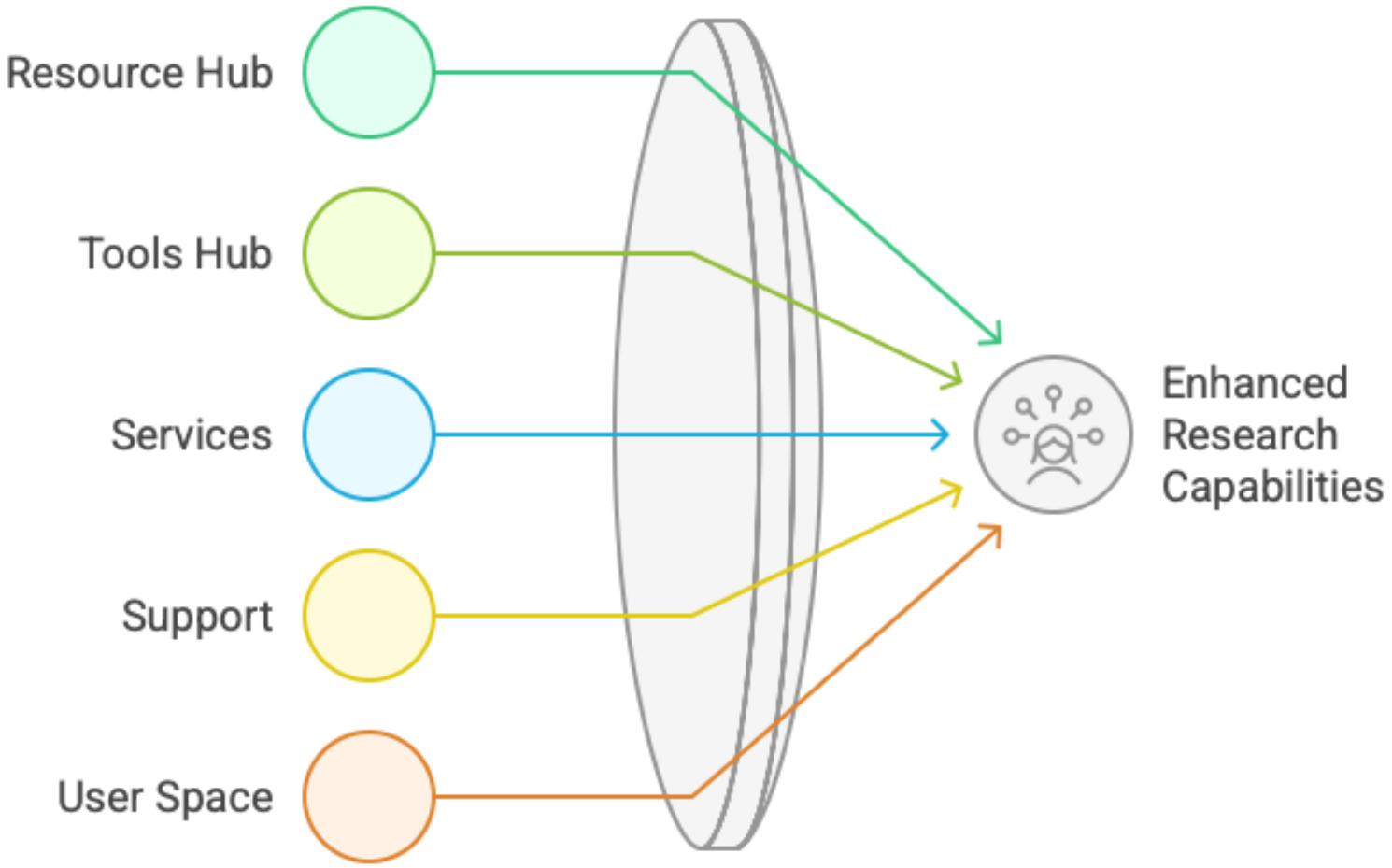
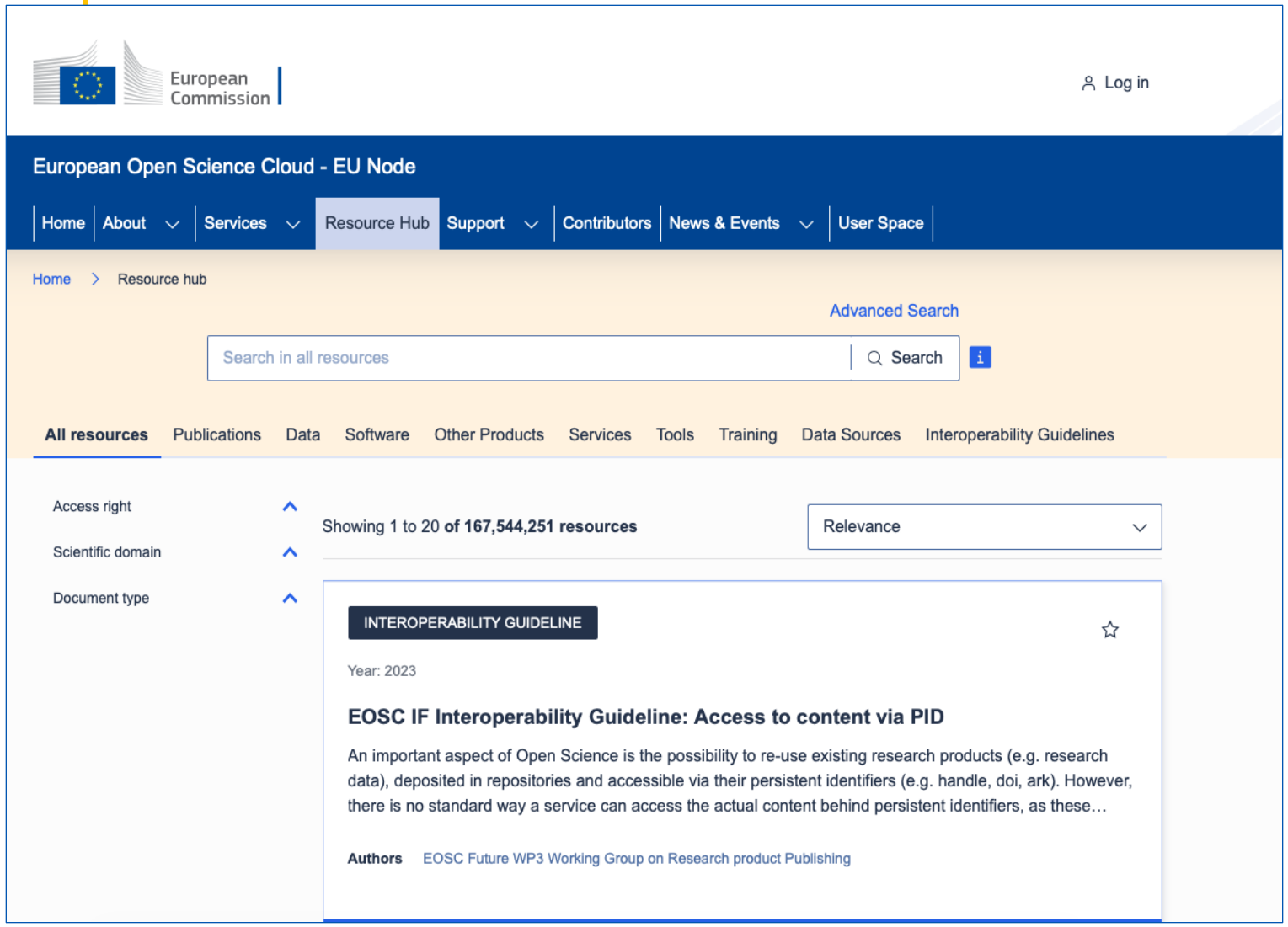
Why EOSC EU Node for Horizon Europe?



Empowering Researchers through EOSC EU Node



Resource Hub



- Discover ~167M resources
  - OpenAIRE, EC data sources
  - Harvested & indexed
- Resources
  - Publications
  - Data
  - Software
  - Services
  - Data Sources
  - Training
  - Tools

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Available Services

File Sync and Share

Your personal cloud storage for collaborative research.

Interactive Notebooks

A shared space for coding and analysis.

Large File Transfer

Fast and secure file transfers.

Virtual Machines

Scalable cloud computing for reliable and reproducible results.

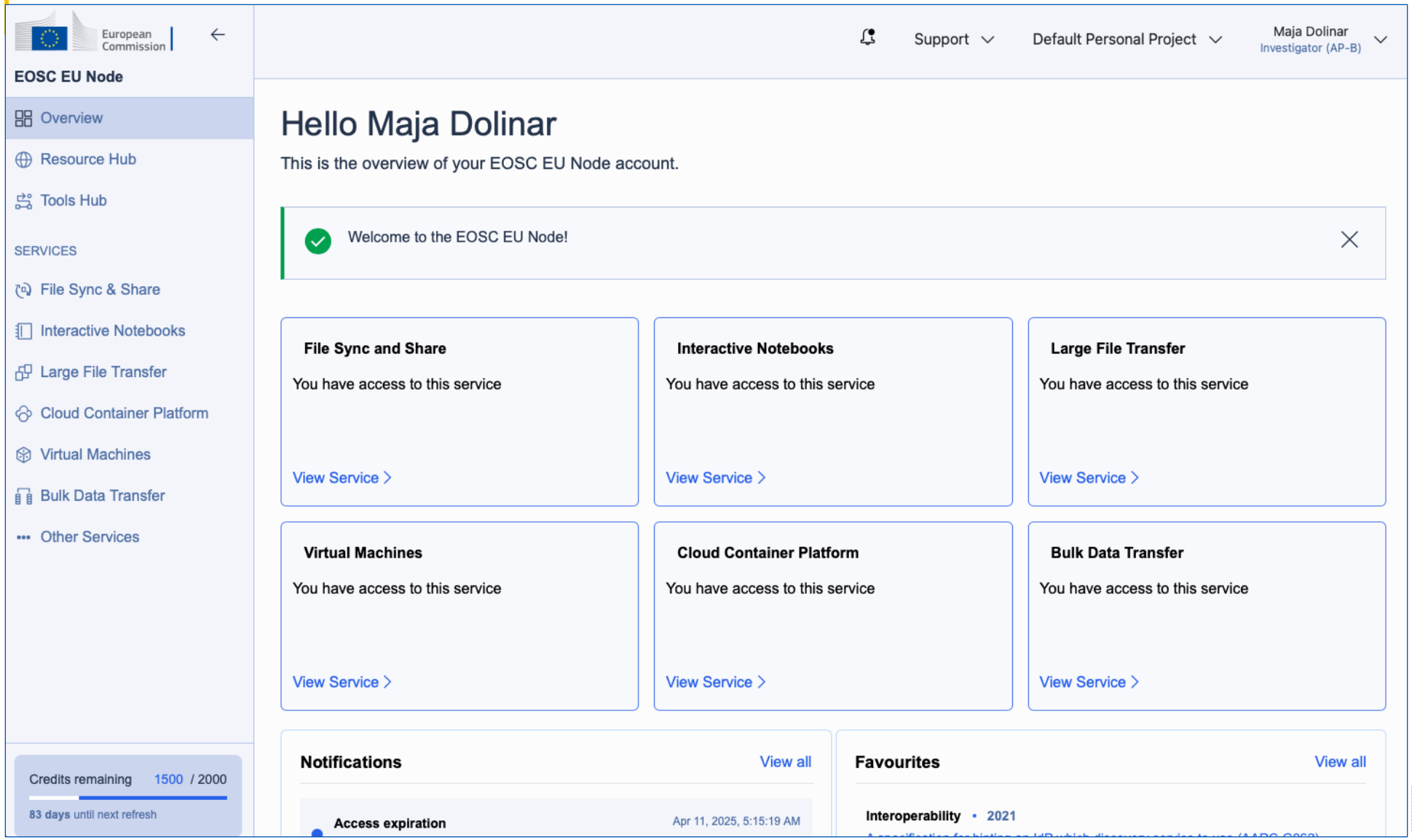
Cloud Container Platform

Simplified Kubernetes for scalable research.

Bulk Data Transfer

Smooth high-volume data transfers.

User Space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EOSC EU Node
Overview
Resource Hub
Tools Hub
SERVICES
File Sync & Share
Interactive Notebooks
Large File Transfer
Cloud Container Platform
Virtual Machines
Bulk Data Transfer
Other Services
Credits remaining 1500 / 2000
83 days until next refresh
Support
Default Personal Project
Maja Dolinar
Investigator (AP-B)
Hello Maja Dolinar
This is the overview of your EOSC EU Node account.
Welcome to the EOSC EU Node!
File Sync and Share
You have access to this service
View Service
Interactive Notebooks
You have access to this service
View Service
Large File Transfer
You have access to this service
View Service
Virtual Machines
You have access to this service
View Service
Cloud Container Platform
You have access to this service
View Service
Bulk Data Transfer
You have access to this service
View Service
Notifications
View all
Access expiration
Apr 11, 2025, 5:15:19 AM
Favourites
View all
Interoperability • 2021

Maximizing the Research Data Lifecycle with EOSC EU Node

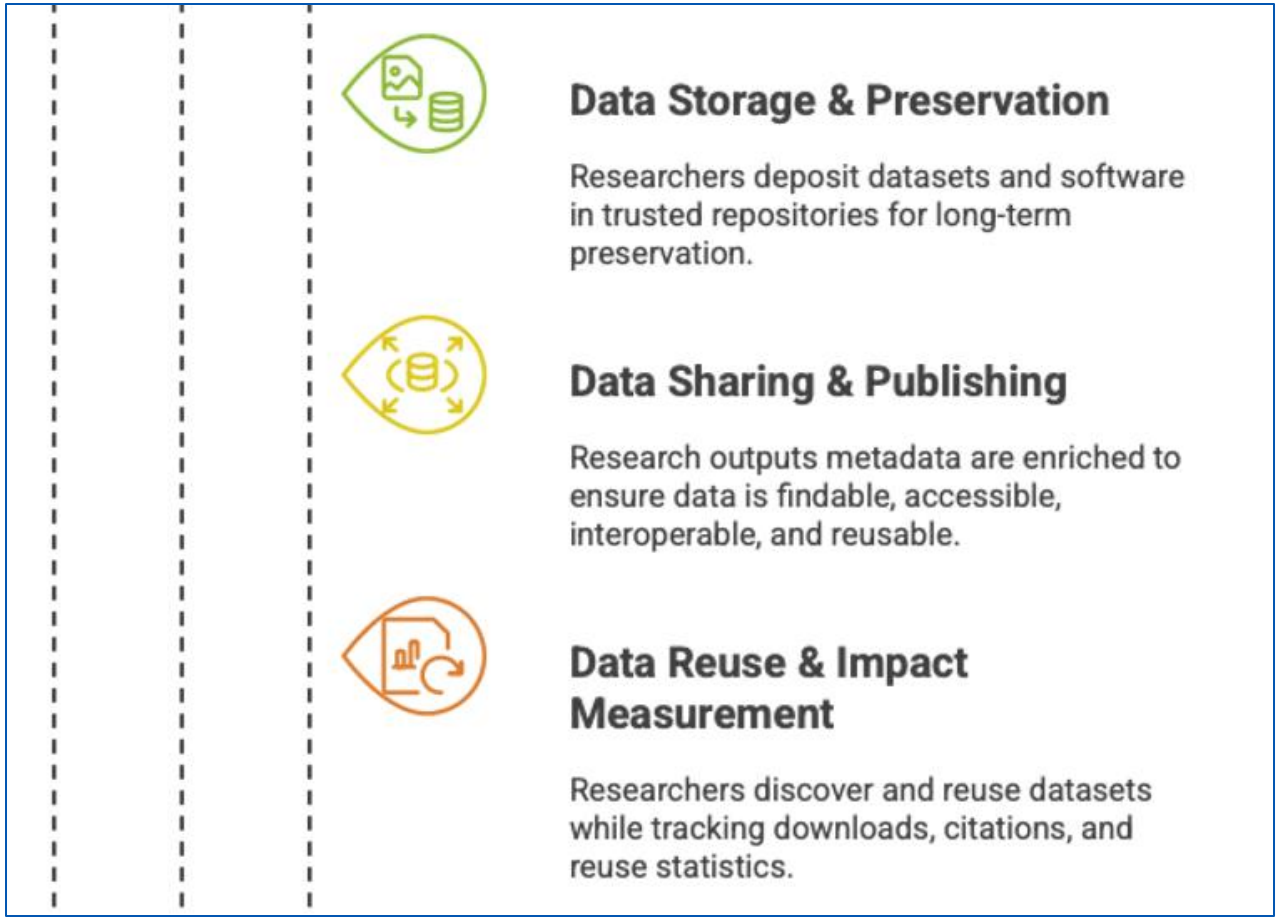
Use Cases:

- *A Horizon Europe project can browse **Resource Hub** to find existing datasets to reuse, reducing duplication of effort.*
- *A research team analyzing climate data can use **Virtual Machines** to store and preprocess satellite images before analysis.*
- *A bioinformatics researcher can process genomic data in a **secure, cloud-based Jupyter Notebook** without setting up local infrastructure.*

Maximizing the Research Data Lifecycle with EOSC EU Node

Use Cases:

- *A HE project must comply with Open Access and FAIR principles – EOSC EU Node provides access to trusted repositories, persistent identifiers (DOIs), and metadata-rich datasets, ensuring that research outputs are FAIR.*
- *A HE project coordinator needs to report on data sharing and Open Science practices. EOSC EU Node's integrated metrics dashboard provides insights on dataset usage, downloads, and citations, ensuring compliance with EC reporting requirements.*
- *A social scientist finds economic datasets in Resource Hub and integrates them into new research, ensuring cross-disciplinary collaboration.*



EOSC EU Node supporting Horizon Europe projects

Grants of up to 40,000 credits are available to EC-funded R&I projects

- One grant per project, one-time and non-replenishable
- Usable only during the project's duration
- For project-related needs within the EOSC EU Node
- Credits are added to the *Group Project Wallet*

How to get access:

- Submit a **helpdesk ticket** with following details:
  - EC Grant Number
  - EC Project Officer
  - Group Project ID and Owner
  - Short description of intended use of EOSC EU Node services

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EOSC EU Node Learning Center

https://openplato.eu/eosceunode

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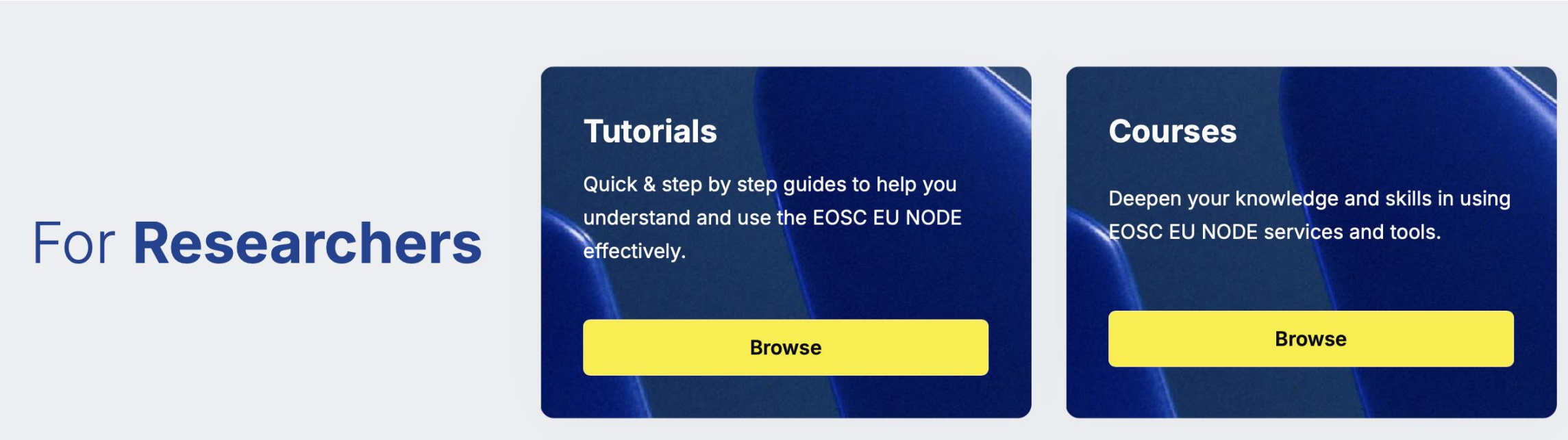
Learning Resources for researchers



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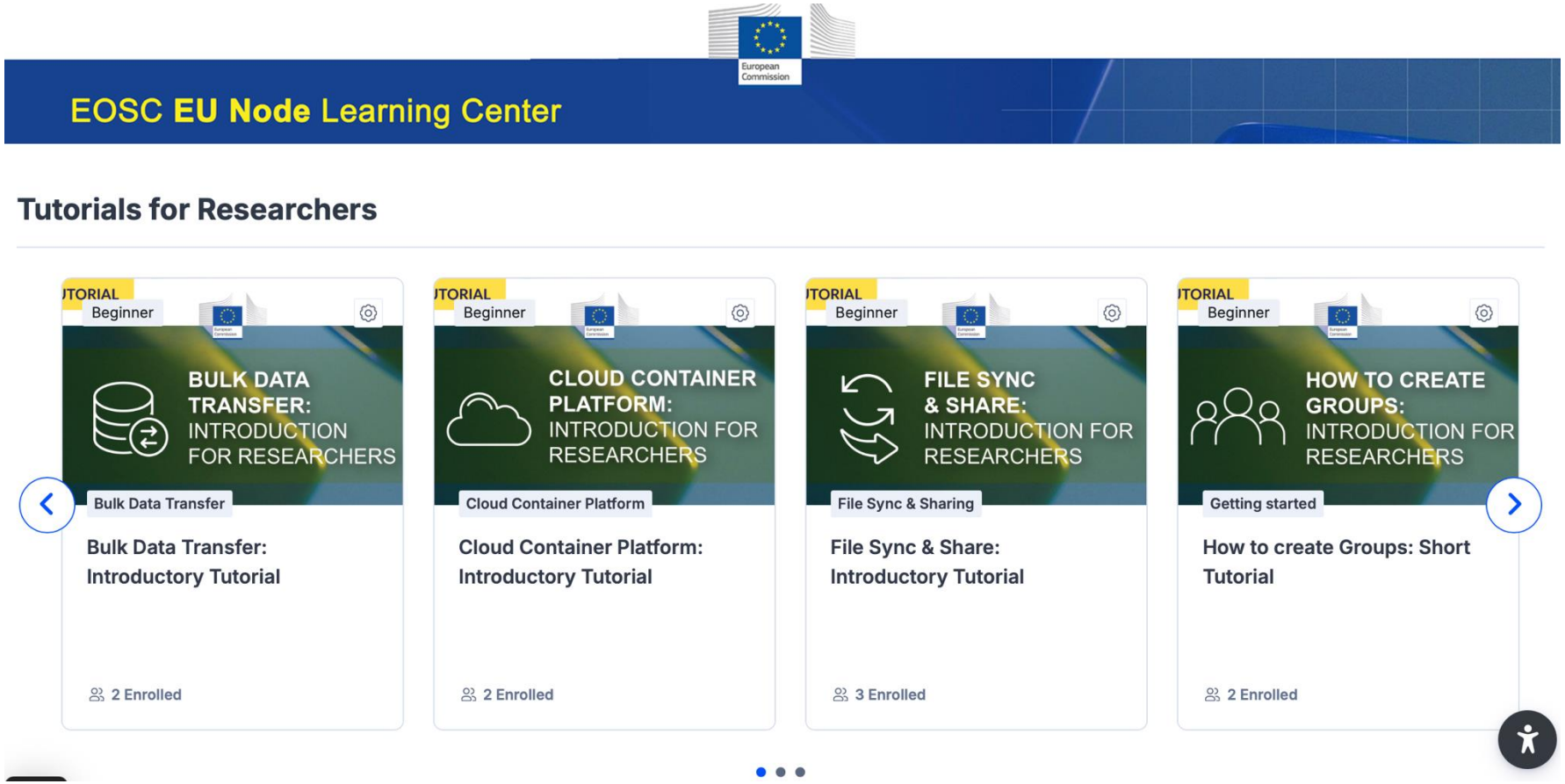
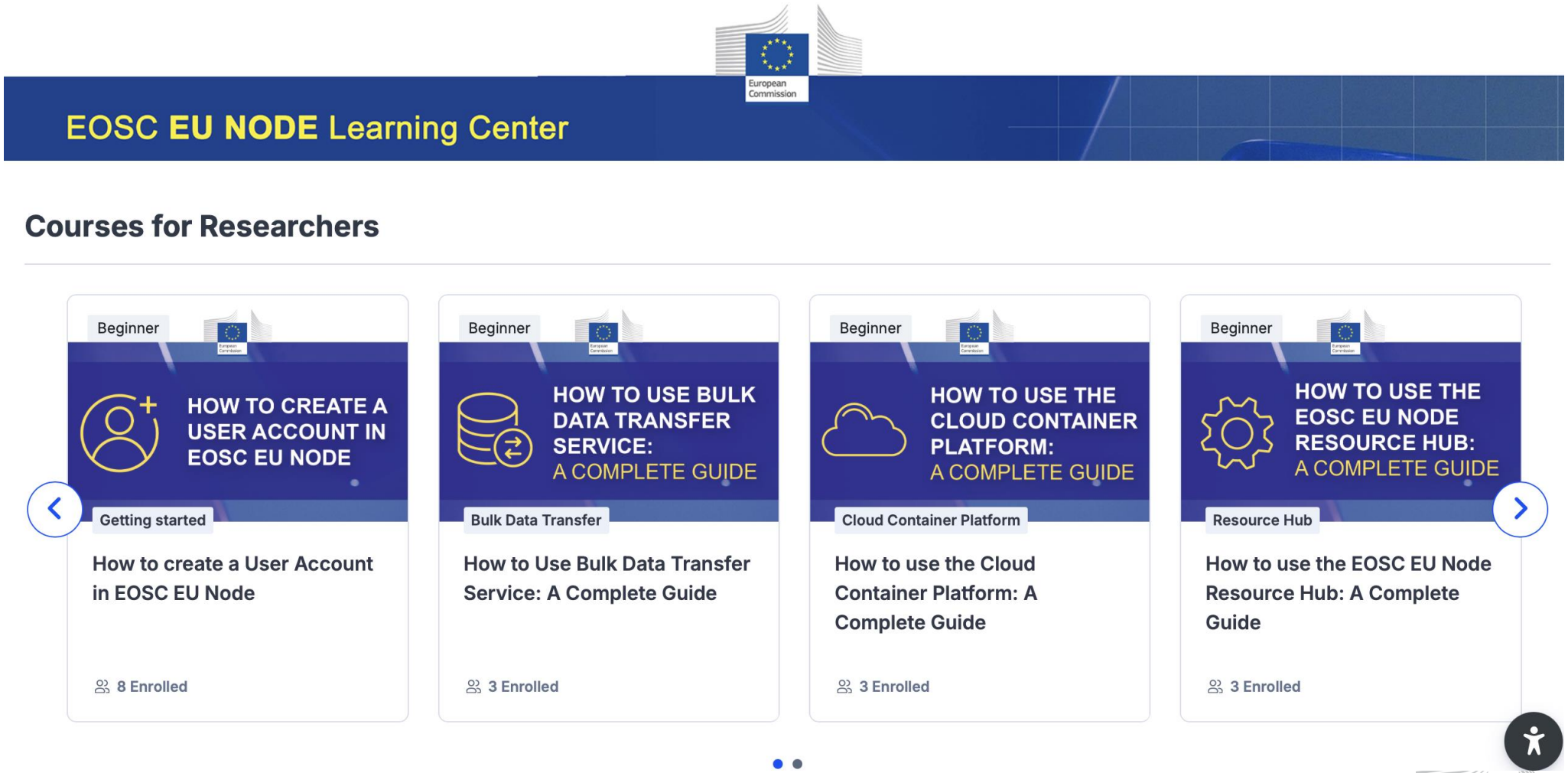
Tutorials for quick understanding



Courses with optional quizzes



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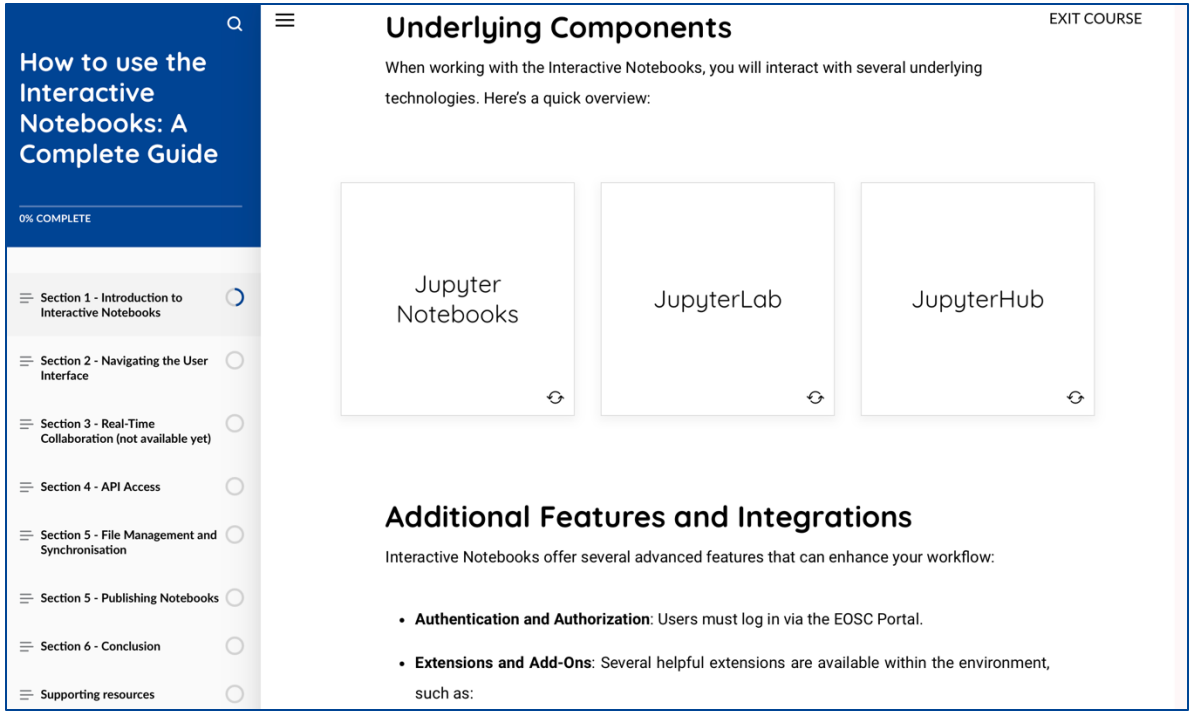
Example of a course

Course landing page

Entering a course



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Certification and Badges

- a robust certification and badges system designed to showcase progress and commitment to Open Science and data management best practices
- complete a course to earn official **certificate** that verifies your participation and knowledge in Open Science

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EOSC EU Node Research Practitioner Badge

Complete a dedicated learning path to earn the EOSC EU Node Research Practitioner badge.

The badge demonstrates foundational competence in navigating and using the EOSC EU Node to support research activities.

Start Learning about the EOSC EU Node

- Visit the EOSC EU Node Learning Center
- Enroll in a tutorial or a course
- Begin collecting certificates and badges that make your Open Science journey visible and impactful
- Share your certificates and badges on your CV, LinkedIn, or professional portfolio to highlight your dedication to advancing Open Science.

https://openplato.eu/eosceunode

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Explore EU Node Services Fact Sheets

Bulk Data Transfer	Cloud Container Platform	File Sync & Share

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Explore EU Node Services Fact Sheets

Interactive Notebooks	Large File Transfer	Virtual Machines

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Explore the EOSC EU Node Now

Discover resources, use the services, and see how it can power your research.

Visit our website

Explore our services

open-science-cloud.ec.europa.eu

EOSC EU Node

A European platform and information gateway to explore, engage, and enrich your research collaborations.

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