



The EOSC EU Node

<https://open-science-cloud.ec.europa.eu/>

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EOSC EU Node -Your Gateway to Open Science

Open Science is at the centre of European research policy aiming to make science more accessible, efficient, transparent and robust.

The **European Open Science Cloud** (EOSC) is an enabler of Open Science, and data-centric research in Europe a **federated** multi-disciplinary network of distributed **nodes** operating under a common framework offering a **consolidated** pan-European access mechanism to FAIR research data, publications, and services.



The **EOSC EU Node** is the first European-level gateway of the emerging EOSC Federation, made available to a wider research community by the European Commission.

<https://www.youtube.com/watch?v=67mirPt-FhY>

Unique Features - New User Experience

- **Authentication, Authorization, Accounting (AAA)**
 - eduGAIN and EU Login (with eIDAS) integration
 - Policy-based Access Control (PBAC) retrieving user attributes from home IdP
 - Virtual Credits and Wallets (personal, group)
- **Contributor tiers (discoverable, onboarded, native)**
 - Resource Hub collecting 127 mil research objects from OpenAIRE, CORDIS, data.europa.eu, Software Heritage and more
 - Curation service for resource object owners
 - Recommendations, Favourites, Persistent Identifiers
- **Integrated User Space with Automated deployment workflows**
 - TOSCA templates into Virtual Machines and Kubernetes containers
 - Application and Data to Infrastructure
- **Monitoring and Helpdesk**
 - Availability dashboard and support for end-users



EOSC EU Node Offers

Researchers

If you are a researcher or citizen scientist in Europe interested in collaborative, data-driven Open Science, the EOSC EU Node offers easy access to diverse data, publications, software, and services from across Europe's research networks.

- Discover, access and use **tens of millions** of scientific **publications, data and software**
- Find and access **services** and **tools** from research infrastructures, technology providers, leading scientific clusters and more.
- **Use integrated** compute, storage as well as interactive collaboration tools, applications and services free at the point of use.
- Create **teams** and **work together** putting Open Science principles in practice

Resource hub

Search resources

All resources | Publications | Data | Software | Other Products | Services | Data Sources | Training | Interoperability Guidelines | Tools

Recommended for you:

- PUBLICATION**
Current Perspectives and Progress in Preoperative Portal Vein...
- PUBLICATION**
Choc-Tadalafil Fusion: Unlocking Solubility and Taste Harmony with...
- PUBLICATION**
Synthesis and Biological Evaluation of Cleistocalone A, an...
- PUBLICATION**
OZBEKISTON RESPUBLIKASIDA SAYLOV TIZIMI VA U...

Showing 1 to 20 of 47,345,005 resources

Access right: ☐ Closed (7,667,296) ☐ Embargo (89,554) ☒ Open access (47,345,005) ☐ Restricted (623,498)

Scientific domain:

Document type:

The wxacO gene of Xantho lipopolysaccharide biosynt virulence

Year: 2010 | Views: 0 | Downloads: 0

Project

Project / Compute / Images

Images

Name	Type	Status	Visibility	Protected	Disk Format	Size
alms1000-0	Image	Active	Public	No	QCOW2	579.25 MB
alms1000-1	Image	Active	Public	No	QCOW2	15.55 MB
alms1000-2	Image	Active	Public	No	QCOW2	217.36 MB
alms1000-3	Image	Active	Public	No	QCOW2	247.50 MB
alms1000-4	Image	Active	Public	No	QCOW2	267.25 MB
alms1000-5	Image	Active	Public	No	QCOW2	611.44 MB
alms1000-6	Image	Active	Public	No	QCOW2	640.25 MB
alms1000-7	Image	Active	Public	No	QCOW2	559.13 MB

EOSC EU Node Offers

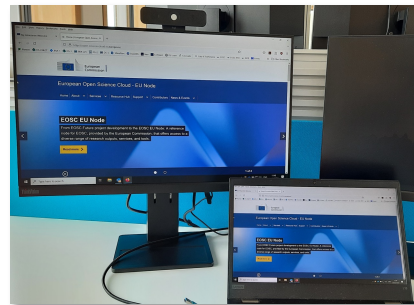
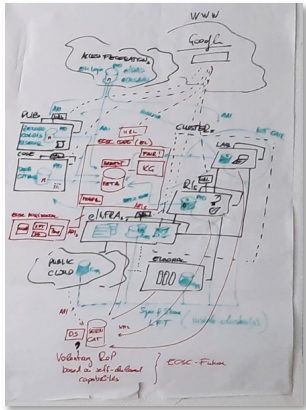
The screenshot displays the EOSC EU Node user interface. At the top, there are links for 'Terms of Use', 'Contact us', and 'Privacy Policy'. The main heading is 'European Open Science Cloud EU Node', followed by a description: 'Access your account and take advantage of the free resources, perform research and collaborate.' Below this is a 'Log in' section with a 'Select identity provider' dropdown and a search bar. A list of institutions is shown, including 'Budapest Metropolitan University', 'Corvinus University of Budapest', 'Eötvös Loránd University', and 'University of Veterinary Medicine'. A sidebar on the left lists 'SERVICES' such as 'File Sync & Share', 'Interactive Notebooks', 'Large File Transfer', 'Cloud Container Platform', and 'Virtual Machines'. The main content area shows 'EOSC EU Node Core Services Monitoring' with a 'Core Services Status' section for 'LOT-1-MS1'. A 'Credits' section displays 'Your credits' with a table of services and their status. A 'Helpdesk' section is also visible, featuring a form for user inquiries.

Contributors

If you are a scientific resource provider in Europe, the EOSC EU Node invites you to contribute your research objects - such as data, software, services, and tools - to support the mission of promoting Open Science.

- Benefit from the **federated AAI** capability, get single user identity and group membership attributes
- Get user entitlements for automated **authorization** decisions
- Utilize **virtual credit** allocations in multiple **wallets** across applications and services
- Harvest curated **catalogues** and connect to metadata **knowledge graph**
- Share **deployment templates** across infrastructures, get **monitoring probes** and first-level support via **helpdesk**

EOSC EU Node - Passed Timeline and Milestones



<https://open-science-cloud.ec.europa.eu/>



European Open Science Cloud - EU Node

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EOSC EU Node

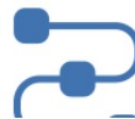
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Managed Service Contractors



EOSC EU Node

EXCHANGE



CORE



Thank you!