

# CS<sup>3</sup> MESH<sup>4</sup> EOSC

## Connecting European Data

Creating an interoperable federation of data and higher-level services to enable friction free collaboration between European researchers, educators, data curators and analysts.

A platform fully developed on Open-Source, with data, applications and computation combined, enabling users to easily synchronise, share and collaborate in files through applications and software components across Mesh-powered sites.

Integration into EOSC Catalogue, to complement it with interactive and agile collaboration sharing capabilities for the EOSC users.



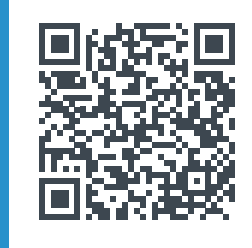
## Join the Community



cs3mesh4eosc.eu



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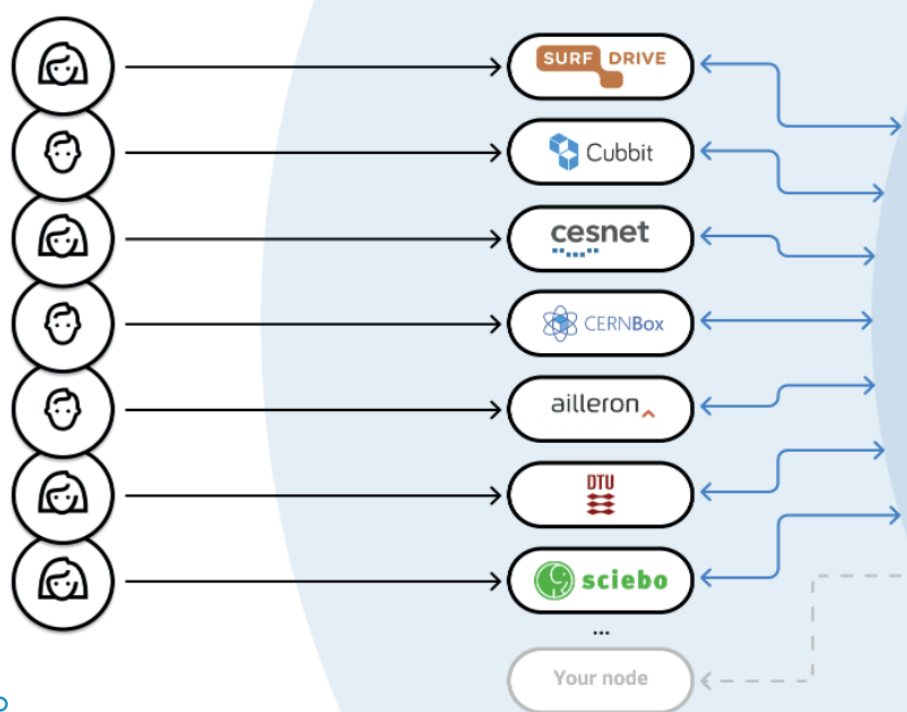
## How does the Science Mesh Work?

OPEN FROM AUTUMN 2023 to data users interested in friction-free data collaboration

Each user can start from the node they already use...

...and access data hosted on different nodes...

...thanks to the Science Mesh Data Services



## Who should use the Science Mesh!



### Researchers

Cross-institutional collaboration on sharing documents by using their domestic data without an additional external EFSS platform.



### Software Developers

Contribute to the integration of new application services, access new software applications not available on the market.



### Service Providers

Reach an higher number of users and increase your build sync and share capabilities through the already existing storage EFSS platforms.



### System Administrators

Provide your cloud services to researchers part of the mesh and increase your user-base.



### Policy Makers & Citizens

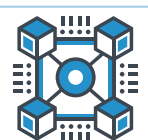
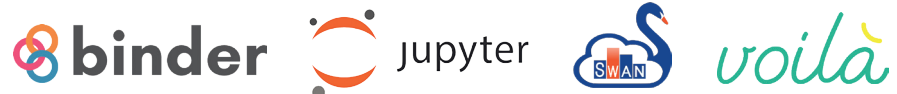
Service enabling digital sovereignty in policy making processes and effectively increasing both open access and human capital.

## Science mesh data applications & technologies being integrated



### Data Science Environments

Access remote execution environments to replay (and modify) analysis algorithms.



### Open Data Systems

Add metadata and publish datasets with persistent identifiers.



### Collaborative documents

Cross-federation collaboration on content in real time: simultaneous editing of documents, commenting...



### On-demand Data Transfers

Transfer at high speed information from remote locations to local sites across different countries.



CS3MESH4EOSC - Interactive and agile/responsive sharing mesh of storage, data and applications for EOSC, has received funding from the European Union's Horizon 2020 research and innovation programme under **Grant Agreement no. 863353**.