



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

## Connecting European Data

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

A platform fully developed in Open-Source, with data, applications and computation combined, enabling users to easily synchronise, share and collaborate on 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 EOSC users.



### Join the Community



[cs3mesh4eosc.eu](https://cs3mesh4eosc.eu)



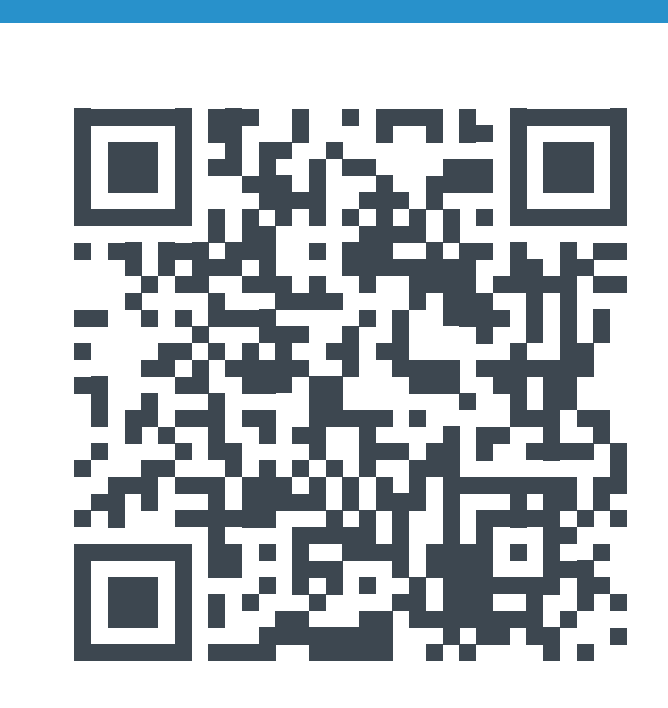
Twitter



Linkedin



Zenodo



YouTube

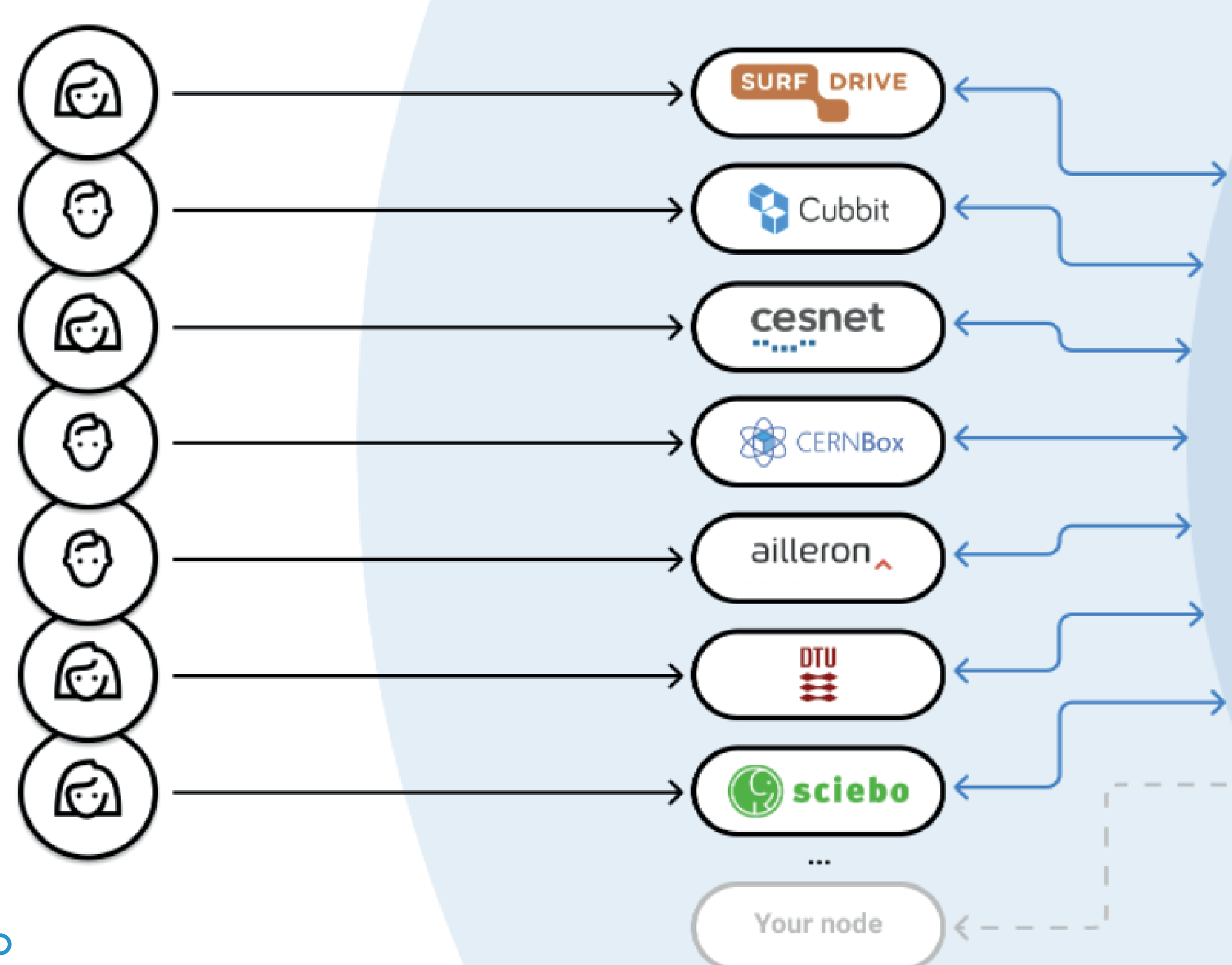
## How does the Science Mesh Work?

AVAILABLE FROM AUTUMN 2022  
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...

Enablers of the a Science Mesh Data Services s



- Data Science Environments
- On-demand Data Transfer
- Collaborative Documents
- Open Data Systems



Visit the web page and learn more

## Who should use 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 a higher number of users, increase your build sync and share capabilities through the already existing storage EFSS platforms.



**System Administrators**

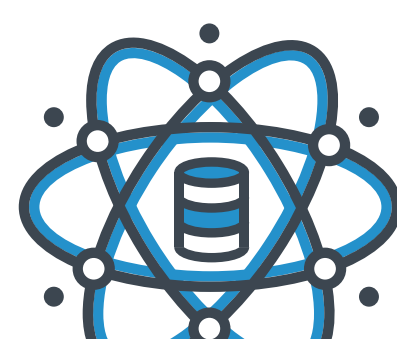
Provide your cloud services to researchers who are part of Mesh and increase your user-base.



**Policy Makers & Citizens**

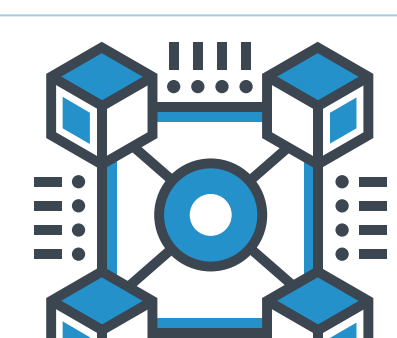
Benefit from service-enabling digital sovereignty in policy making processes and effectively increase both open access and human capital.

## Science mesh data applications & technologies being integrated



### Data Science Environments

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



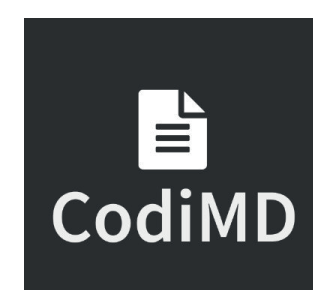
### Open Data Systems

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**.