



**CS³
MESH⁴
EOSC**

Connecting European Data



Science Mesh: Unlocking scientific collaboration through technology

Pedro Ferreira (Technical Coordinator, CERN)

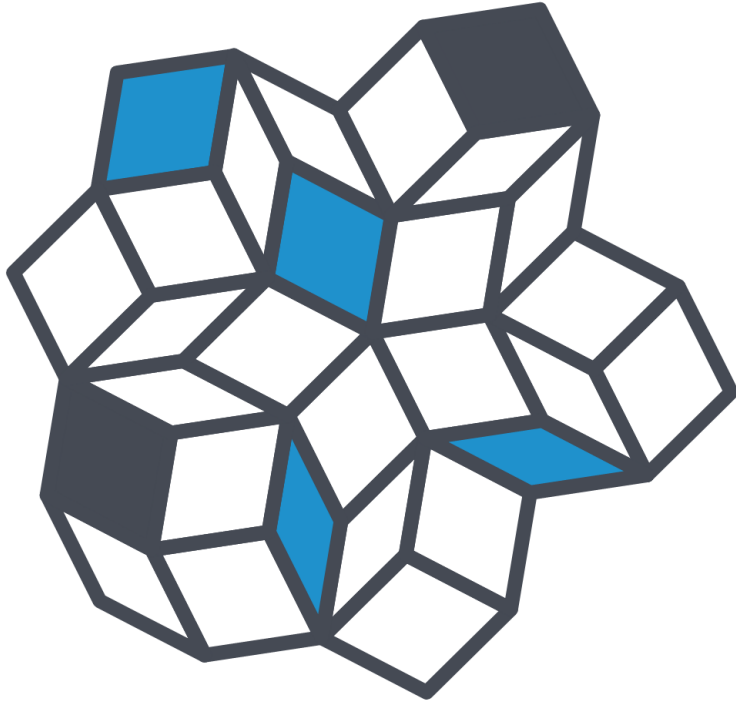
CS3MESH4EOSC Webinar, 6 May 2021



CS3MESH4EOSC has received funding from the European Union's Horizon 2020 Research and Innovation programme under **Grant Agreement No. 863353**.



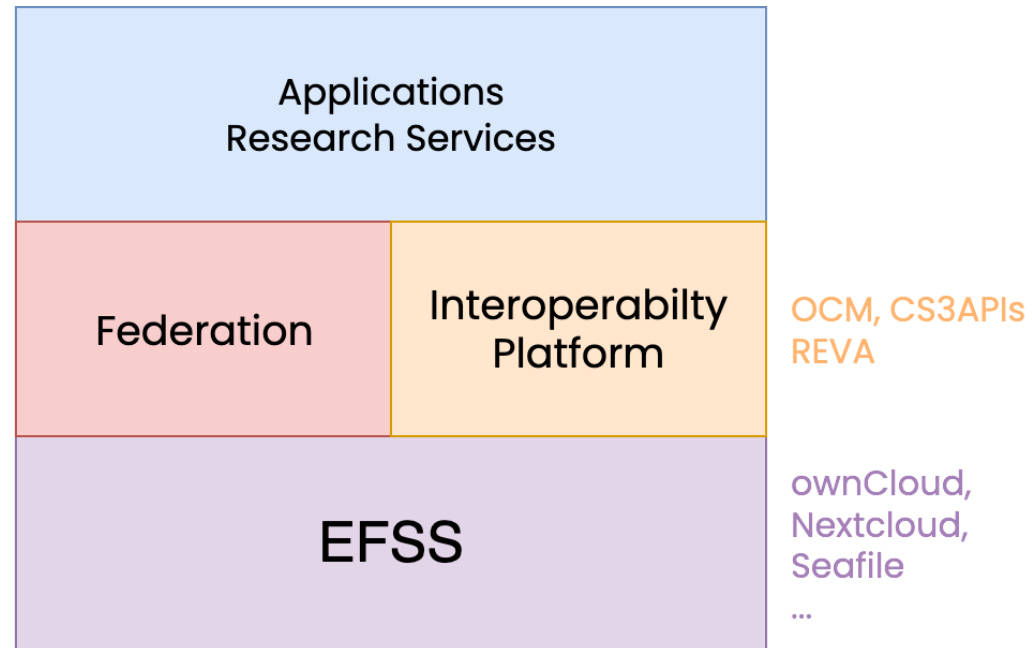
06/05/2021



Science Mesh

- # Decentralized **Mesh** of EFSS nodes
- # Based on **Open Standards** and **Open Source Software**
- # **Federated** environment where researchers can collaborate
- # **Application Platform** for distributed collaborative tools





OCM

- # Main server-to-server communication mechanism
- # Version 1.0 published in July
- # New proposal from CS3MES4EOSC: Invitation Workflow

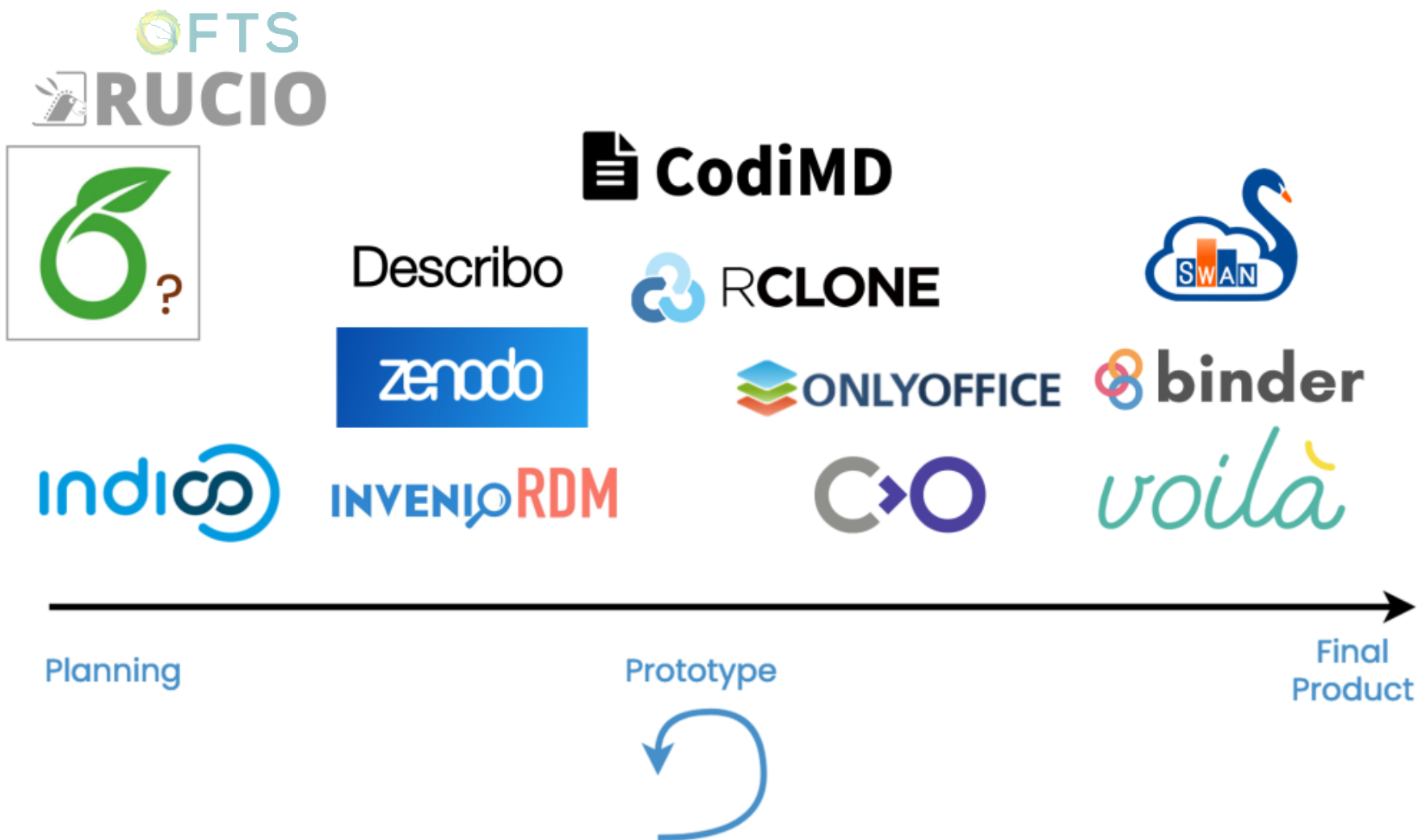
 [cs3org/OCM-API](https://github.com/cs3org/OCM-API)

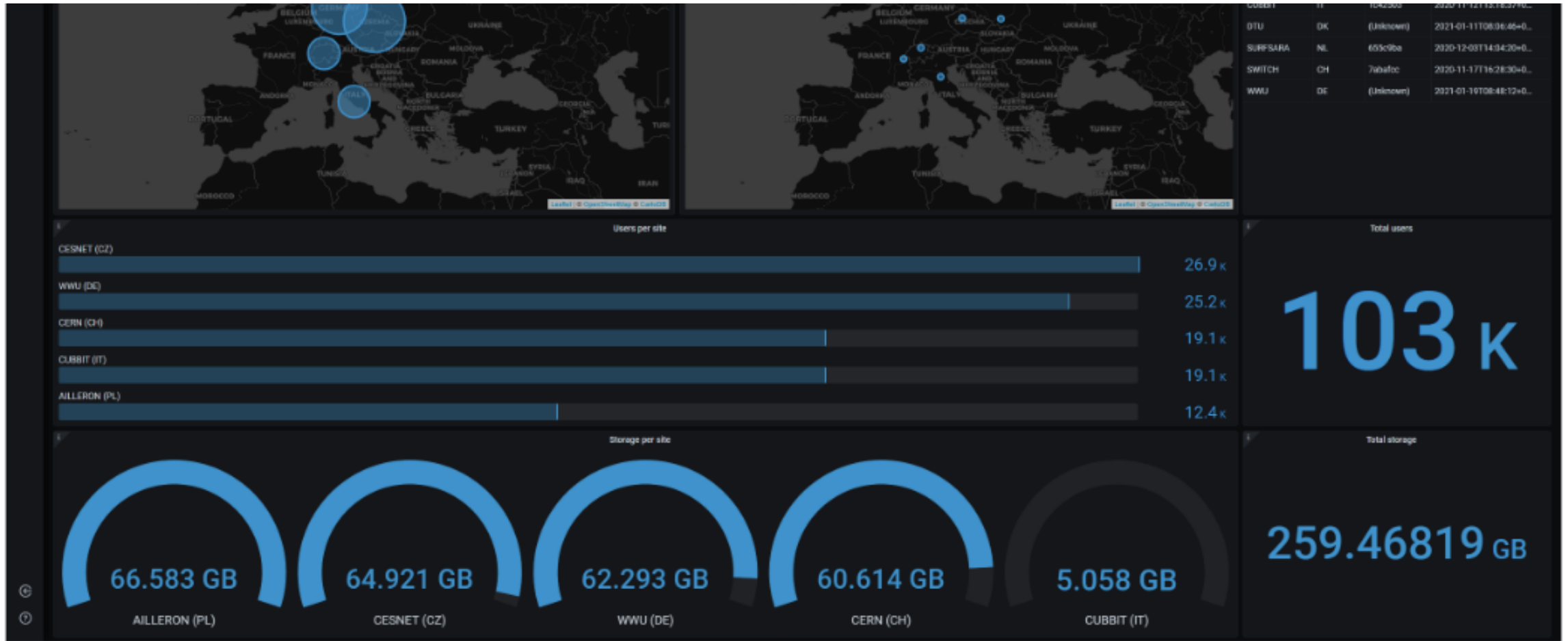
CS3APIs

- # Storage-to-application communication
- # Common “language” for integration
- # REVA IOP – bridges existing protocols with CS3APIs

 [cs3org/cs3apis](https://github.com/cs3org/cs3apis)









<https://sciencemesh.io>

<https://gitter.im/sciencemesh/community>

<https://github.com/sciencemesh>



Thank you!
Discover more on...

 cs3mesh4eosc.eu

 company/cs3mesh4eosc

 [CS3org](https://twitter.com/CS3org)

 [CS3MESH4EOSC Project](https://www.youtube.com/channel/UCHKcZEKmqXjCvc3MLFjFxbw)

<https://www.youtube.com/channel/UCHKcZEKmqXjCvc3MLFjFxbw>



CS3MESH4EOSC has received funding from the European Union's Horizon 2020 Research and Innovation programme under **Grant Agreement No. 863353**.

Icons:

- # “[Connection](#)” by **Eucalyp** from the Noun Project
- # “[Connection](#)” by **Doub.co** from the Noun Project
- # “[Platform](#)” by **Eucalyp** from the Noun Project
- # All logos are property of the respective institutions/projects
- # Remaining content licensed under [CC-BY-SA 4.0](#)