CS3 MESH4 EOSC

FINAL EVENT

HYBRID EVENT

22 June 2023

11:00 - 17:45 CEST

Location: Poznan (Poland), *co-located with EGI Conference*

Science Mesh - Unlocking Open Science & Collaborative Research Landscape

Gideon van den Berg

Research and Project Manager

ESADE

Pedro Ferreira

CS3MESH4EOSC technical coordinator

CERN

Science Mesh next developments and successful business case - What lies ahead?

Room Paris | 17:15-17:30 CEST

CS3 MESH4 EOSC

Connecting European Data

ScienceMesh - What lies ahead?

Pedro Ferreira (CERN)

CS3MESH4EOSC Final Event – Poznan, 22 June 2023

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

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Science Mesh

Where are we?

The Mesh right now

- Pre-production (5 sites)
  - **PSNC**
  - **CESNET**
  - **SURF**
  - **WWU**
  - **CERN***

Ongoing Work

- Development
  - Stabilization of REVA-intermediated transfers (essential for OCIS)
  - Dialogue with vendors to ensure bug fixes are included in stable versions
- Deployment
  - FDTD – “Federated Deployment Task Force” – coordination of deployment effort throughout the road to production
    - Moving remaining nodes (7) to pre-production, and consequently to production
  - Continuous improvements in documentation of processes

	To					
From	Pondersource OC	Pondersource NC	PSNC NC	CESNET OC	SURF OC	WWU
Pondersource OC						
Pondersource NC						
PSNC NC						
CESNET OC						
SURF OC						
WWU						

Science Mesh

Where are we going?

What now?

- Technical Development
  - Advancing the OCM standard
  - Updates on ScienceMesh app and Reva
    - ScienceMesh Applications v2
- Onboarding
  - Moving current nodes to production (pending technical work)
  - Onboarding new partners

OPENCLOUDMESH

Reva

What now?

- Continuation work
  - Follow-up Project – growing list of interest parties
  - Subset of consortium + other friends working on a proposal for a EOSC

Are you interested? Let us know!

Conclusions

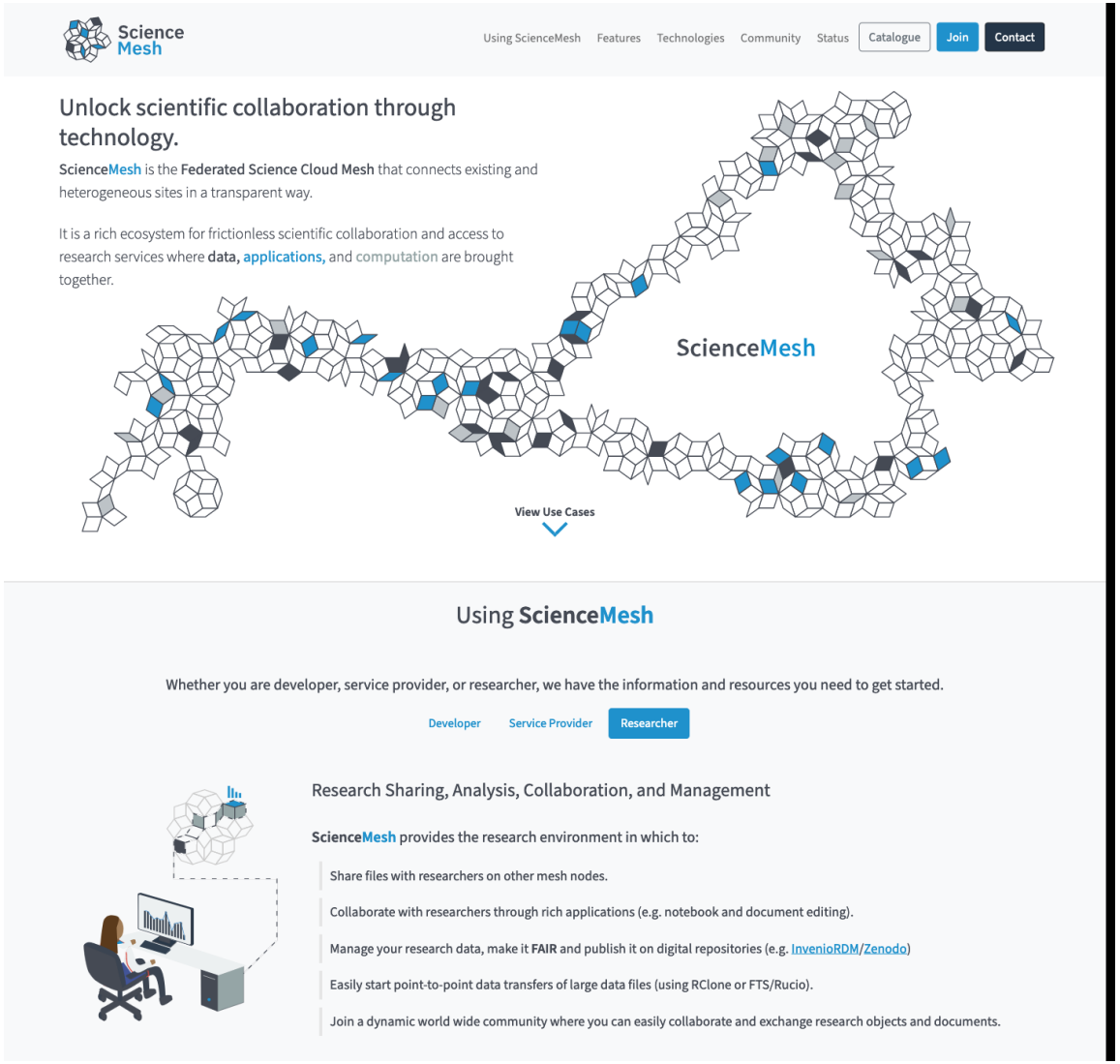
- We managed to prototype and bring to pre-production state the base technologies of the mesh
- The consortium remains committed to a move to production, despite the formal end of the Project
  - It will live on through the ScienceMesh's administrative bodies
- Some of these questions will be clarified tomorrow, at the last All-hands Project Meeting.

Science Mesh

Resources

https://sciencemesh.io

- General information about platform
- Application Catalogue
- Documentation resources
  - *e.g. how to set it up?*



Contact us!

https://sciencemesh.io

https://gitter.im/sciencemesh/community

https://github.com/sciencemesh

CS3 MESH4 EOSC

Connecting European Data

Thank you!

Discover more on...

cs3mesh4eosc.eu

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