



# Science Mesh Demonstrators

[sciencemesh.io](https://sciencemesh.io)

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# Demonstrators





- **ScienceMesh is built by CS3 Community and open to all**
  - Multiply value and impact of EFSS services in the research environments
  - Share interoperable developments: don't reinvent the wheel
- **What we try to build?**
  - Trust-based federation: open, secure, interoperable
  - Integrate the research workflows (make your EFSS better)
    - compute services, FAIR repositories, ...
  - Interoperability with other Research Infrastructures (e.g. ESCAPE, ELIXIR, EGI, ...)
    - so we have multidisciplinary offer




# Demonstrators



- Interoperable Science Mesh Federation based on OCM
  - **Connecting Nextcloud and OC-10 to Science Mesh** Michiel de Jong, Pondersource
  - **Invitation Workflow + OC10 + NC** , Milan Danecek, CESNET  Demo
  - **Science Mesh sharing in OCIS** Elizavetta Ragozina, CERN  Demo

- Interoperable Research Workflows & Research Infrastructures
  - **JupyterLab sharing and collaborative editing**, Marcin Sieprawski, Software Mind  Demo
  - **Connecting Science Mesh and ESCAPE Data Lakes**, Ron Trompert, SURF  Demo

Shown in other sessions:

- **Reducing Friction of FAIR Data handling for researchers**, Holger Angenent, WWU Munster  Demo
- **Pushing Data Science to The Limits with Voila**, Davide de Marchi, JRC  Demo
- **Applications integration beyond local clouds with OCM**, Giuseppe Lo Presti, CERN [next session after coffee break]  Demo