Establishing the Mesh

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\# Governance of the Science Mesh

\# Establishing the Science Mesh formally

\# Establishing the Science Mesh in practice

\# Integration with EOSC(-Future)

\# Future steps

Proposal based on eduGAIN
- "most similar" infrastructure

Principles:
- Anybody compliant with technology and policy can join
  - Membership doesn't imply right to communicate

Basic documents:

- Declaration (https://doi.org/10.5281/zenodo.5040086)
  - Immutable principles
  - Signed by participants
  - Serves as an application to the infrastructure (= declaration, not a bipartisan agreement)
- Constitution (https://doi.org/10.5281/zenodo.5040151)
  - Top-level, basic framework
  - Can be changed by a "constitutional majority" vote
  - Describes governance bodies, general principles, joining and leaving the infrastructure

Basic documents (cont'd):

- Technical documentation (https://developer.sciencemesh.io/)
- Procedures and Policies
  - Site Admission Procedure (https://doi.org/10.5281/zenodo.5039988)
  - Site Exit Procedure (https://doi.org/10.5281/zenodo.5040129)
  - Site Suspension Procedure (https://doi.org/10.5281/zenodo.5040638)
  - Science Mesh Support Procedure (https://doi.org/10.5281/zenodo.5040027)
  - Incident Response Procedure (https://doi.org/10.5281/zenodo.6276063)
  - Service Operations Security Policy (https://doi.org/10.5281/zenodo.6279398)
  - Science Mesh Privacy Policy (https://doi.org/10.5281/zenodo.6089064)
  - Science Mesh Glossary (https://doi.org/10.5281/zenodo.5038662)
- Tech documentation as well as the procedures and policies part are easily adaptable

Science Mesh Executive Board (SMEB)
- represents Sponsors
- ratifies documents binding for all (can veto them)

Science Mesh Steering Group (SMSG)
- Site representatives
- approving document changes
- approving site disqualification or suspension
- decides by voting

Operations Team
- operating central infrastructure
- reviewing/approving new sites
- support of the central components
- performing quality measures

Sites need to sign Declarations

Establishing can be bootstrapped, just have your organisation sign the Declaration

Helpdesk

- Has been setup
- Helpdesk shifts need to be setup.

SMEB, SMSG and OT

SMEB represents the sponsors.

- Are you comfortable with that? Do we need another criterion?

- Much like with eduroam, this hinges on a supply of volunteers to sponsor (part of) the central component, with money and personnel.
  Do you see yourself contributing to that?

Centered around e-infrastructures Scientific communities, Science clusters and Regional e-infrastructures

Horizontal services

Science agnostic services
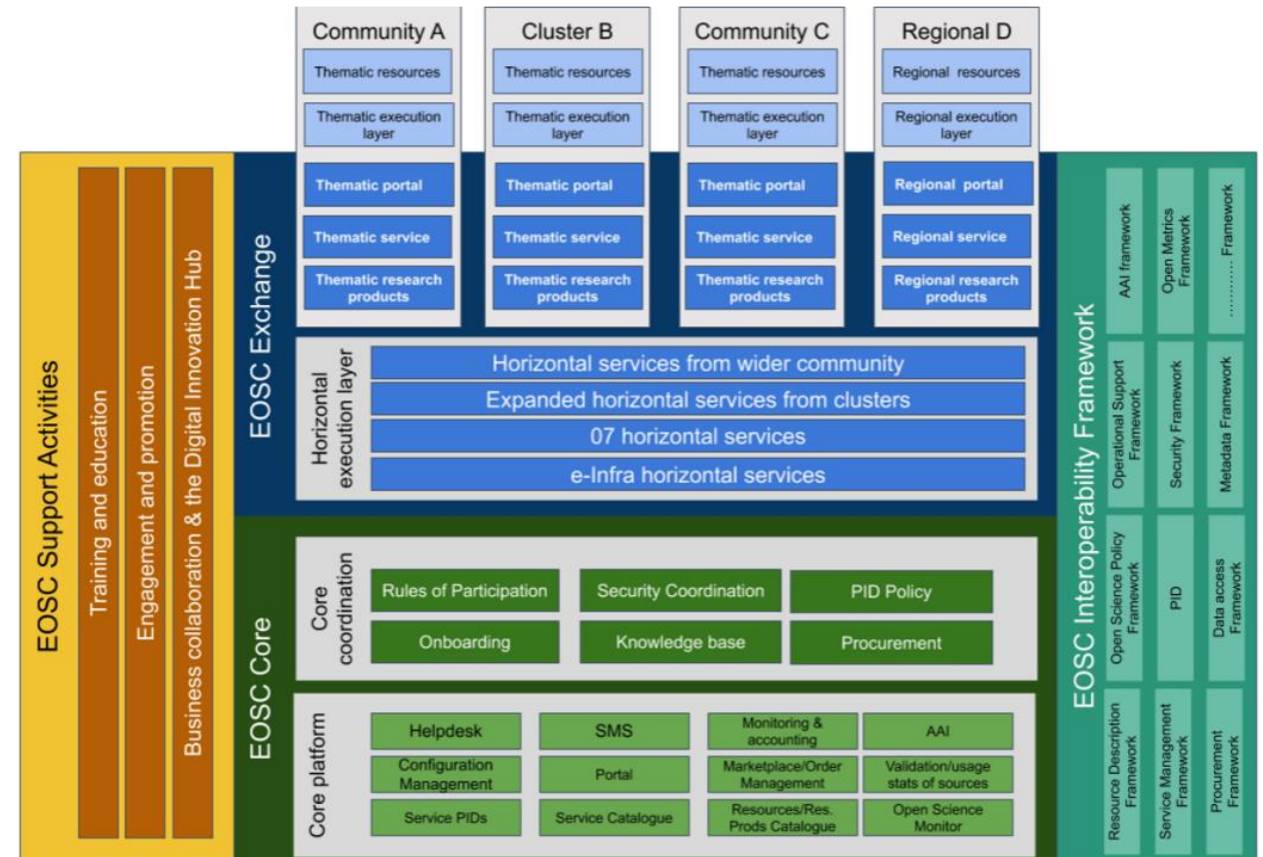
Privacy policy, Terms of use policy and SLA

- Privacy policy and terms of use policy are required by the Science Mesh declaration and Science Mesh has a privacy statement
- SLA?
  - A "no guarantee" SLA with the local EFSS SLA taking precendence if it is more strict?

CS3 MESH4 EOSC
Connecting European Data

Thank you!
Discover more on...

🌐 cs3mesh4eosc.eu

in company/cs3mesh4eosc

🐦 CS3org

▶ CS3MESH4EOSC Project
https://www.youtube.com/channel/UCHKcZEkMqXjCvc3MLFjFxbw