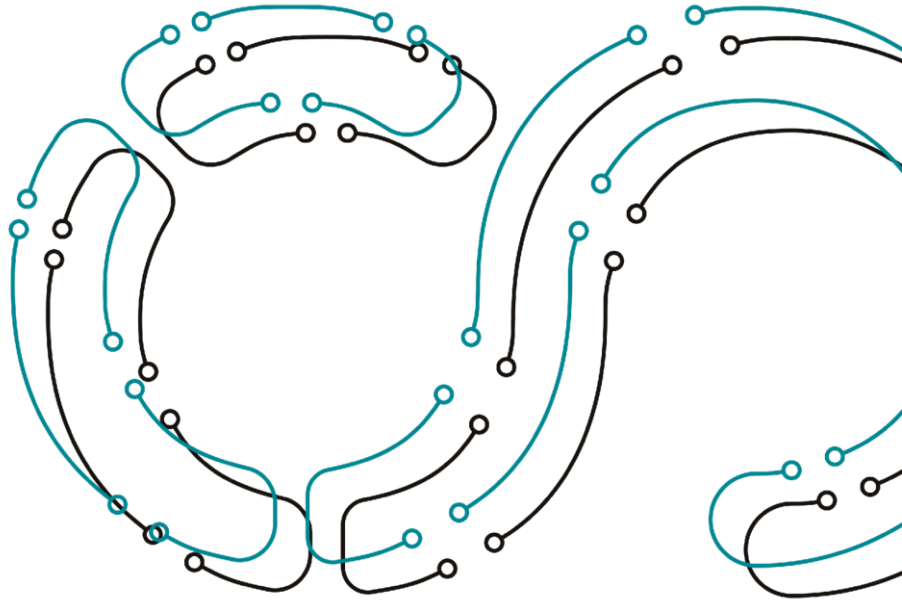
Capabilities that let EOSC Federation federate

Aastha Mathur

Head of Image Data Services, Euro-BioImaging ERIC

Operations Manager, EOSC Life Sciences Connect Node

Co-Chair, EOSC Node Operations Committee



Capabilities that let EOSC Federation federate

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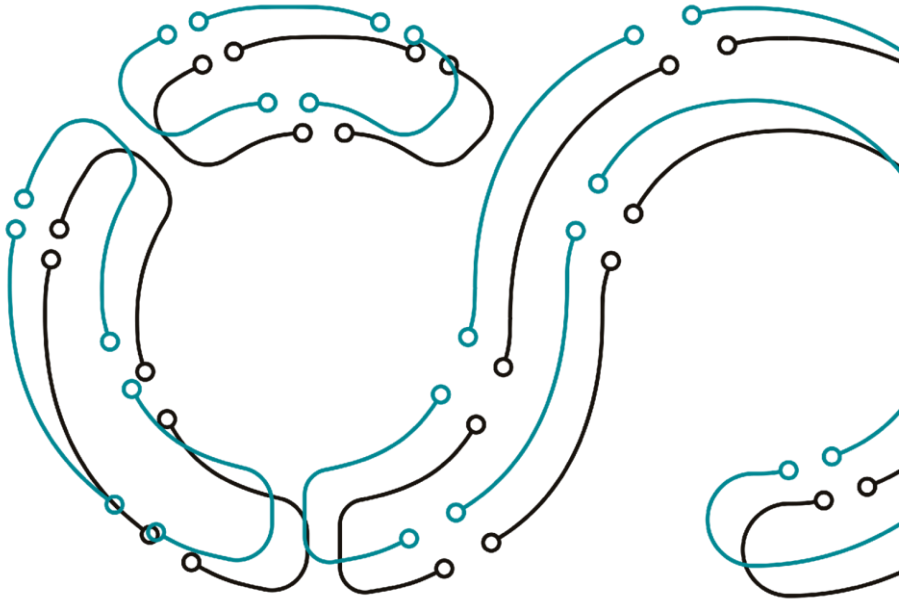
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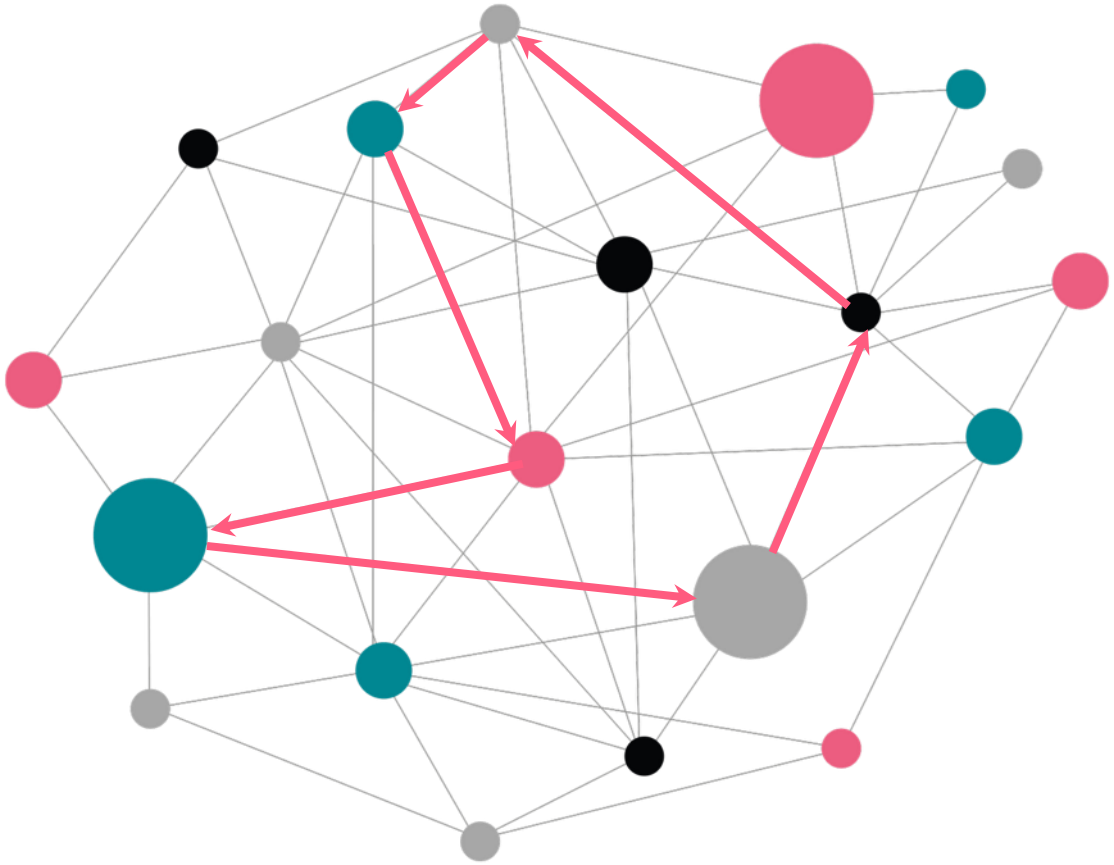
Massimiliano Assante, CNR, EDTO Node

Roksana Wilk, Cyfronet, Polish Node



What is an EOSC Federating Capability?

Added-value functionalities that allow EOSC users to exploit EOSC services, data and other resource



Connect different Nodes across the federation

Adopted across all Nodes in the federation

Help create a harmonised federation for the researchers

What federating capabilities are there?

Mandatory Federating Capabilities



Federated AAI

Single sign-on across all EOSC nodes — enabling seamless, policy-compliant access for researchers



EOSC Catalogue

Exposure of node services and datasets through the common EOSC resource catalogue with FAIR-aligned metadata



Helpdesk

Node-level user support integrated with the federation-wide helpdesk system, ensuring consistent service for the research community



Monitoring

Continuous service monitoring feeding into federation-wide dashboards to maintain transparency, reliability and SLA compliance



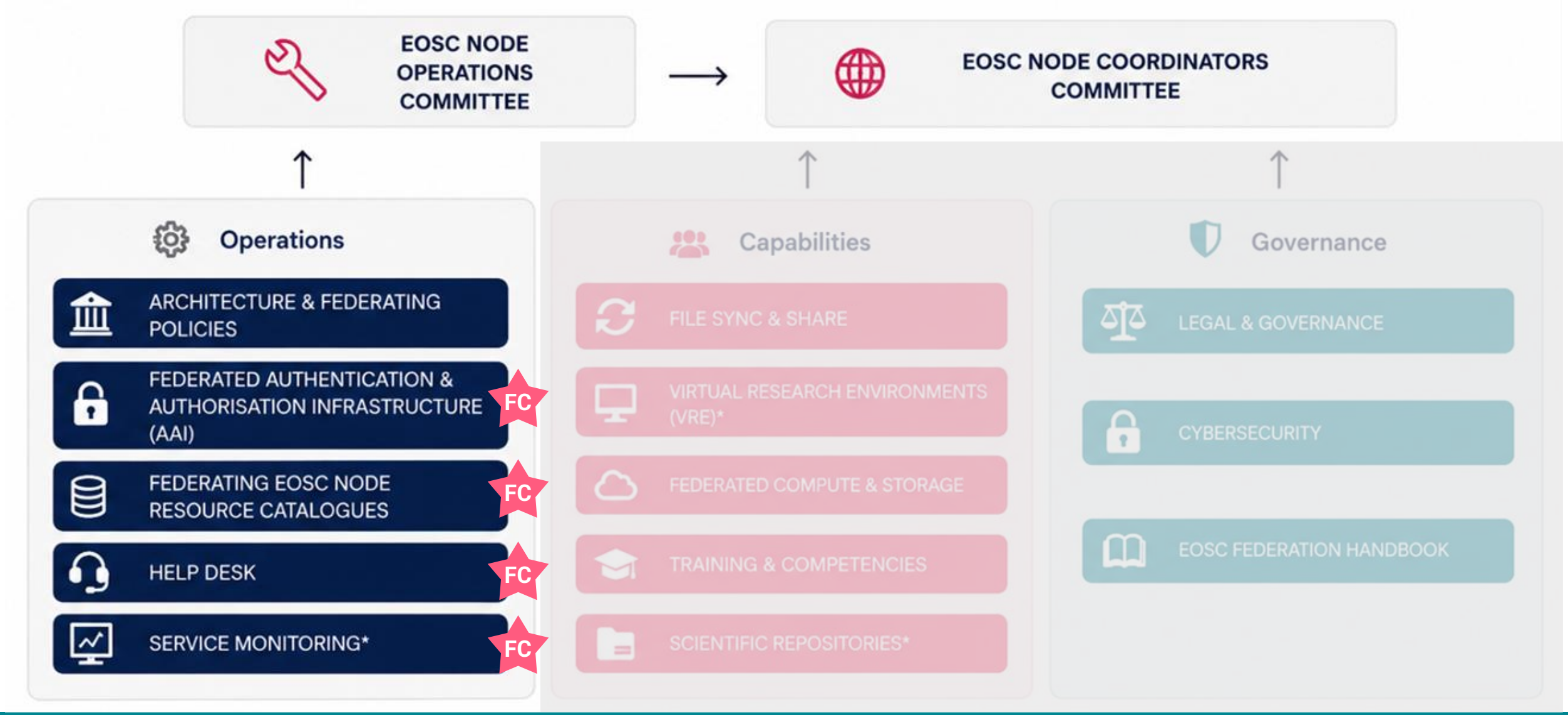
Service Management System

Structured service management framework (FitSM) governing how node services are operated, improved and reported

EOSC EU Node Support

On-going EOSC Beyond & EOSC United projects' Support

Working Model of the EOSC Federation



Workflow for adoption and management of federating capabilities



AAI



Catalog



Helpdesk



Monitoring



SMS

Working Groups

Guidelines, policies, implementations

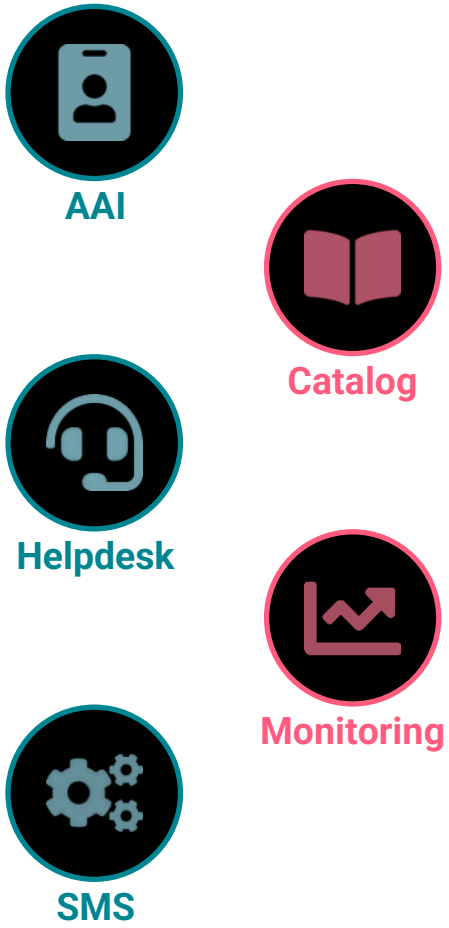
Node Operations Committee

- **Discussion on operational implementation at Nodes**
- **Agreement**
- **Recommendation to Node Coordinators Committee**

Node Coordinators Committee

- **Final discussions, clarifications**
- **Voting**
- **Official adoption**

Federating capabilities enable EOSC



- **Provide:** common descriptions, policies, guidelines
- **Enable:** different Nodes to adopt same processes, technologies
- **Federate:** Data, services from Nodes in a trustworthy manner
- **Operate:** common services that all Nodes can depend on using
- **Develop:** functionalities for an evolving federation

Thank You

