

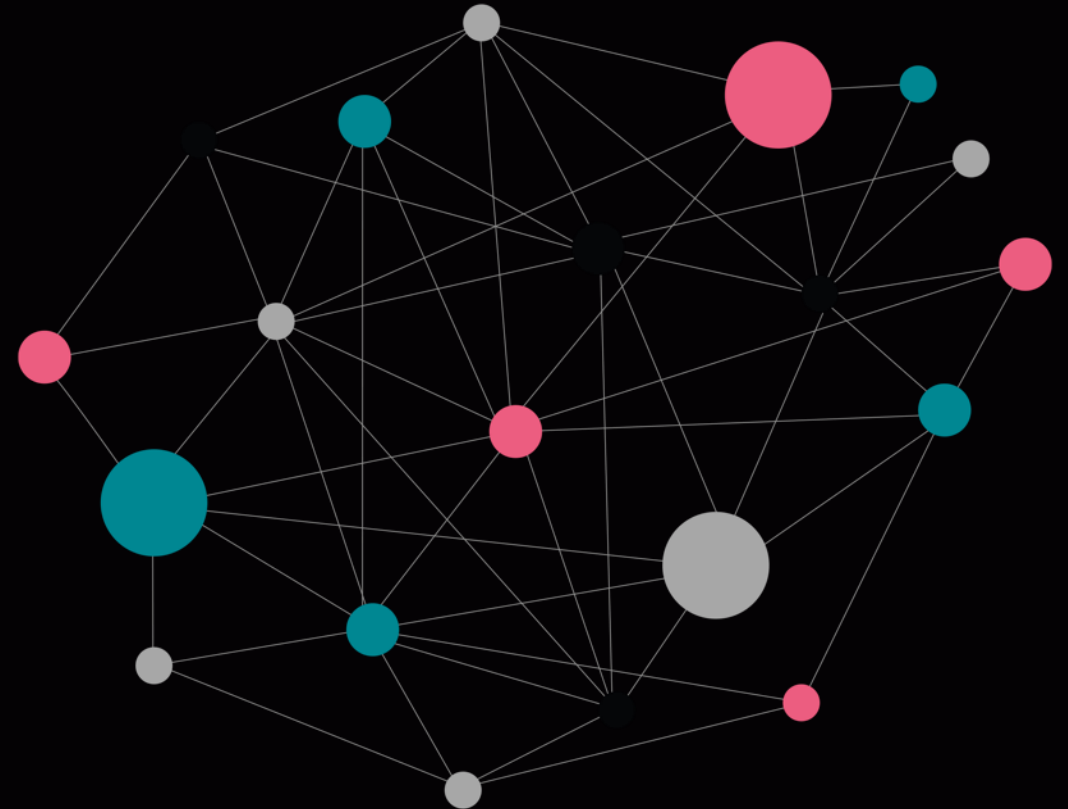


EOSC as a socio-technological infrastructure: Building the EOSC Federation

Klaus Tochtermann, EOSC-A

22 October 2026

With support from Bob Jones





2025

2026





EOSC delivers: The Federation enters production

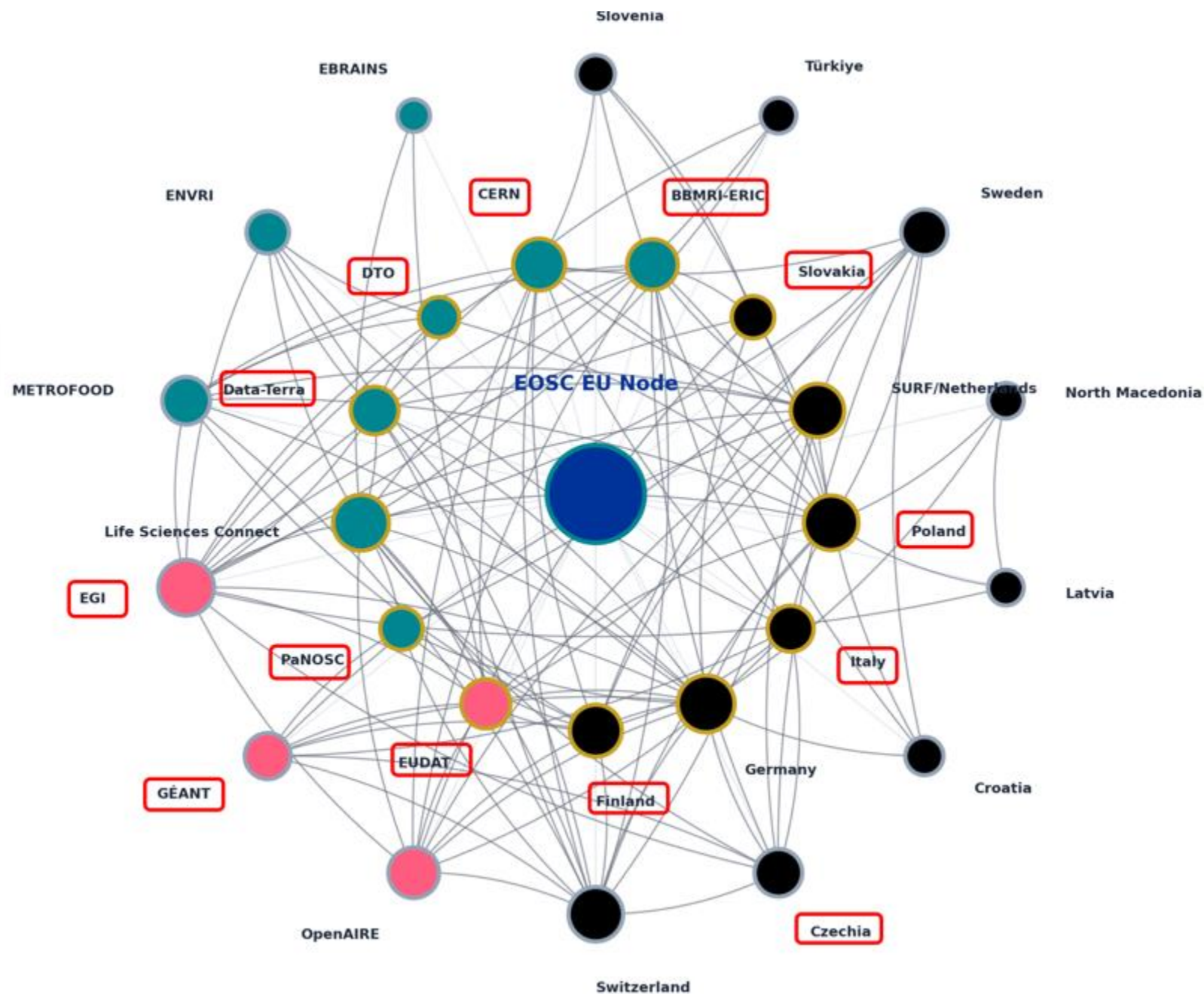
Node type

- National
- Thematic
- E-Infrastructure
- EOSC EU Node (universal)

 Production-ready

Enrolment wave & links

- First wave (13) — inner ring
- Second wave (14) — outer ring
- Documented node-to-node link
- EU Node dependency (all nodes)



Documented cross-node collaborations mined directly from the nodes' latest project charters, coloured by node type; EOSC EU Node shown as universal dependency

Node Operations Committee

Co-Chairs: Aastha Mathur (LSC), Roksana Wilk (Poland),
Massimiliano Assante (European DTO),
Secretariat: Neringa Jackevicė (EOSC-A)



Operations

Architecture & Federating Policies

Co-Chairs: Peter MacCallum (LSC),
Giacinto Donvito (Italy), Tommi Suominen (Finland),
Secretariat: Laurence Desnos (EOSC-A)

Federated Authentication and Authorisation Infrastructure (AAI)

Co-Chairs: Christos Kanellopoulos (EU Node),
Peter Lényi (BBMRI-ERIC),
Secretariat: Laurence Desnos (EOSC-A)

Federated EOSC Node Resource Catalogues

Co-Chairs: Jessica Parland-von Essen (Finland),
Paolo Manghi (EU Node), Andreas Turk (BBMRI),
Secretariat: Lassi Lager (Finland)

Help Desk

Pavel Weber (KIT, EGI Node)

Service Monitoring*

28 September 2026



Node Coordinators Committee

Chair: Bob Jones (EOSC-A), Co-Chair: Matteo Zanaroli (ICSC),
Secretariat: Paola Ronzino (EOSC-A)



Capabilities

File Sync & Share

Chair: Ron Trompert (SURF),
Secretariat: Claudia de Visser (SURF)

Virtual Research Environments*

Federated Compute and Storage

Training & Competencies

Co-Chairs: Oliver Knodel (PaNOSC),
Magdalena Szuflińska-Zurawska (Poland),
Secretariat: Yann Libaers (EOSC-A)

Scientific Repositories*



Governance

Legal & Governance

Co-Chairs: Vera Herkommer (LSC), Jos van Wezel (EUDAT),
Secretariat: Maja Dolinar (EOSC United)

Cybersecurity

Chair: Urpo Kaila (Finland),
Secretariat: Brina Klemencic (EOSC-A)

Handbook

Chair: Andy Gotz (PaNOSC),
Secretariat: Miguel Rey-Mazon (EOSC Gravity)

Requirements
need agreement

Preparing V3

*Working group not yet endorsed by
the Node Coordinators Committee⁴

Controlled Vocab
approved by NCC

Framework Agreement
being finalised

eosc Key production questions addressed

- **How do we define production?**
- **What criteria determine if a node has achieved production status?**
- **A description of the requirements for a Node's Landing Page**



Selected Preparatory Grants

Projects started May'26 and complete Oct'26

National nodes	Thematic nodes
French National EOSC Node INRIA · France	GRAIL — Grant Reuse & Abandoned Ideas Library Journal of Trial and Error · Netherlands <i>Open Science · unexecuted research</i>
EOSC-ES-Prep IACS · Spain	MATSCI-NASU Bogolyubov Institute, NASU · Ukraine <i>Materials science</i>
Bulgarian Open Science Portal (BPOS) NACID · Bulgaria	MatOSC — EOSC Materials Node UKRI / STFC · United Kingdom <i>Materials science</i>
UK EOSC National Node Scoping Jisc · United Kingdom	EOSC-CSN Citizen Science Node Fundación Ibercivis · Spain <i>Citizen science (cross-disciplinary)</i>
Enrolling EOSC Ireland Asiera Technology Services · Ireland	OS-ERIN Wageningen University & Research · Netherlands <i>Research integrity</i>
Towards an Austrian EOSC Node ACONET / EOSC Support Office Austria	OPEN-ARK University of Ljubljana · Slovenia <i>Design and spatial research</i>
Danish National EOSC Federation Node DeiC · Denmark	EuroFIR AISBL EuroFIR / Premotec GmbH · Belgium <i>Food and nutrition science</i>
EOSC-EST Estonian National Node University of Tartu · Estonia	

Goal: resulting project charters are potentially submitted to the Tripartite third wave enrollment call in 2027

Other candidate nodes may also submit applications (e.g. HORIZON-INFRA-2025-01-EOSC-01 projects)

Third wave of EOSC Nodes Enrolment call

- Production Checklist to be reviewed by the Build-up Group following the EOSC Symposium 2026
- Policy questions concerning
 -  access to node resources
 -  cost recovery offers
- Aim to agree 3rd wave criteria and schedule at Tripartite meeting in Dublin December 2026

