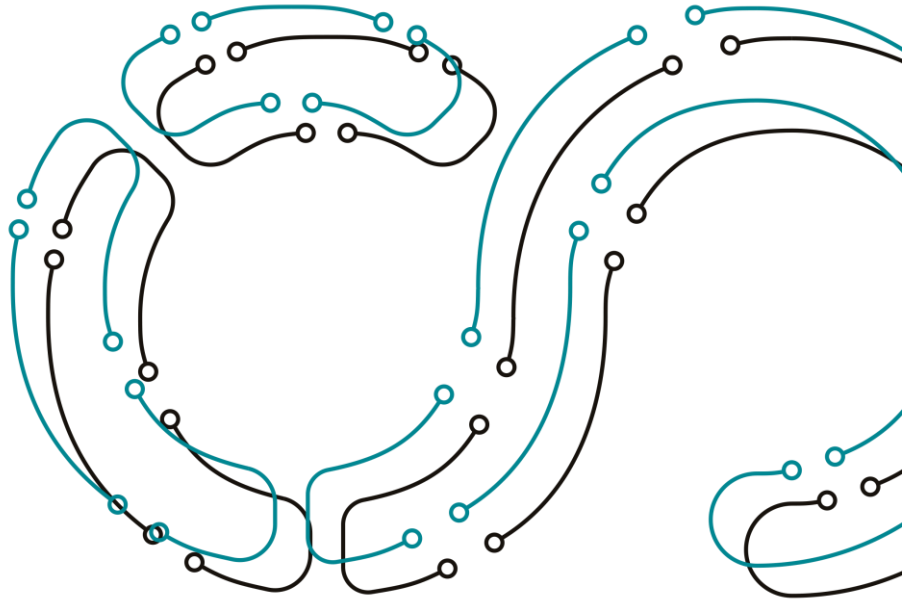
Impulse Statement – The Federation of Nodes and the requirements for repositories to become a Node themselves or onboard their services onto a Node

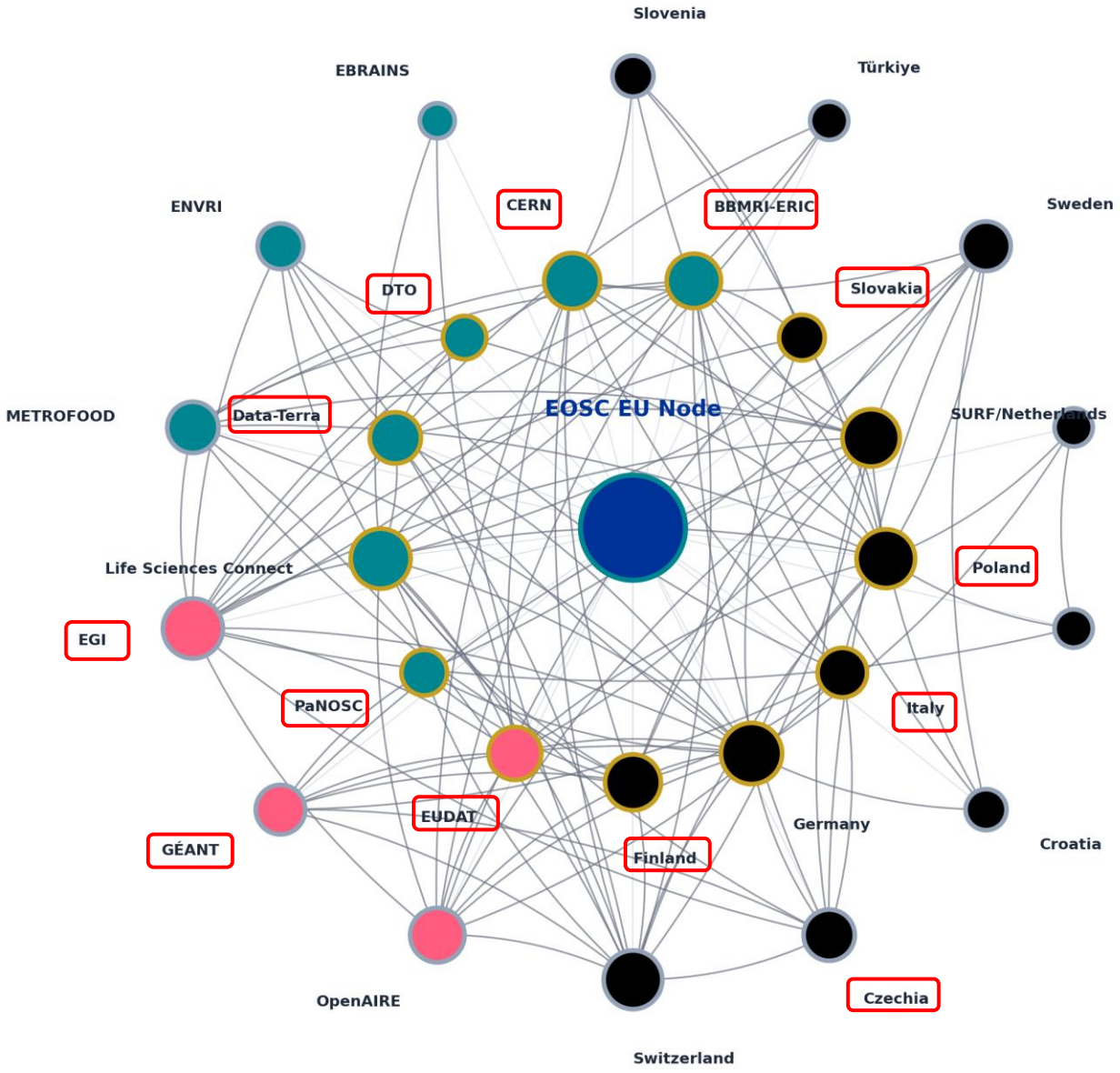
Bob JONES
EOSC-A/CERN



EOSC Federation

Node type

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



Enrolment wave & links

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

Aiming for Production by Symposium

Enrolment support window	Node
1: May-Aug 2026	EGI Node EOSC CZ Node GÉANT EOSC Node EOSC Scholarly Commons Node
2: Sep-Dec 2026	METROFOOD-RI EBRAINS EOSC Node ENVRI EOSC Node EOSC Latvia Node Croatian EOSC Node
3: Jan-Apr 2027	EOSC Node North Macedonia Turkish National EOSC Node Slovenian EOSC Node EOSC Node Switzerland Swedish National EOSC Node

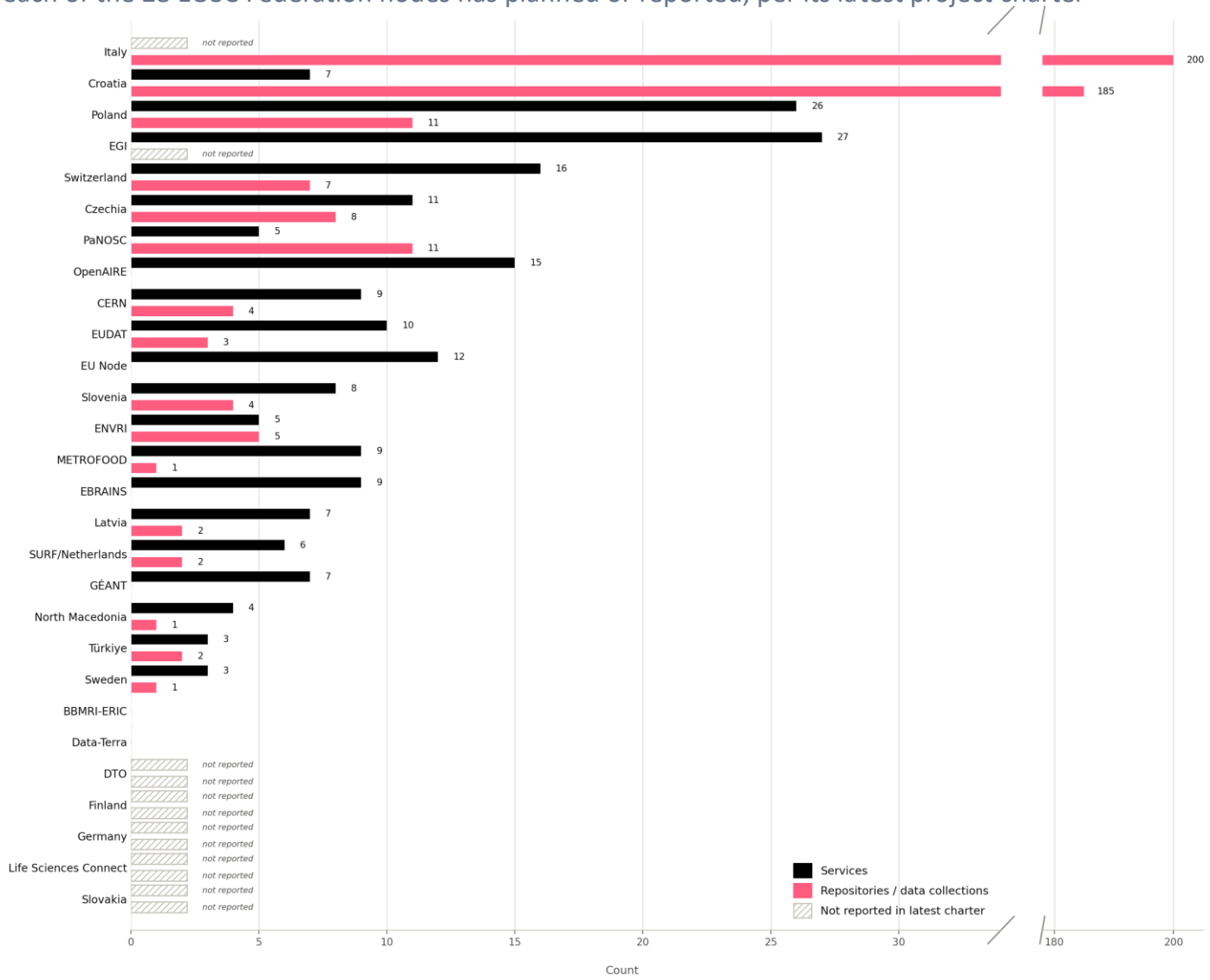
Many more candidate nodes are preparing for a 3rd wave of enrolment in 2027

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

EOSC Federation — Services & Repositories by Node

Number of services and repositories/data collections each of the 28 EOSC Federation nodes has planned or reported, per its latest project charter

Total:
~ 200 services
> 400 repositories



source: portal: 199 services across 22/28 nodes, 447 repositories/data collections across 22/28 nodes · Italy's and Croatia's repository counts are aggregate national repository networks, not individual per-service counts, shown on a broken axis · 4 September 2026

Summary of requirements for an EOSC Federation Node to transition to Production

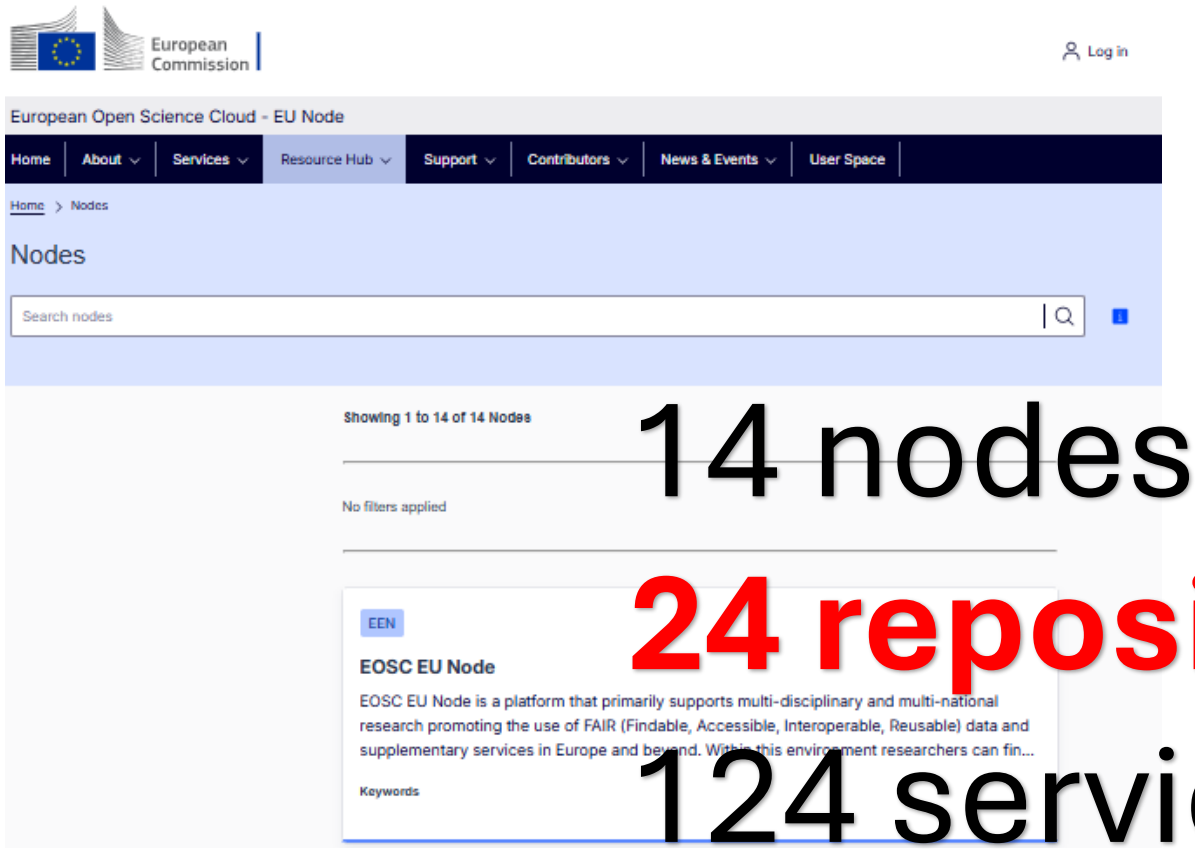
ID	Requirement	Type	Verified by
E.1	Node selected through the Tripartite enrolment process	Mandatory	Tripartite Governance / EOSC-A
E.2	Node dedicated page published on eosc.eu	Mandatory	EOSC-A
E.3	Node project charter updated	Mandatory	EOSC-A
E.4	Observer delegates communicated to the BuG bodies	Mandatory	EOSC-A
E.5	Node Infrastructure Proxy in the AAI acceptance environment	Mandatory	EEN Onboarding Team
E.6	Use cases from the project charter documented	Mandatory	EOSC-A

Legally-binding framework agreement for production is in preparation

ID	Requirement	Type	Verified by
P.1	EOSC Federation MoU signed	Mandatory	EOSC-A
P.2	Node Infrastructure Proxy in the AAI production environment	Mandatory	EEN Onboarding Team
P.3	Node registered in the EEN Node Registry; at least one Catalogue published	Mandatory	EEN Onboarding Team
P.4	Node Exchange resources available to EOSC end-users	Mandatory	EOSC Nodes, EOSC-A, EEN Onboarding Team
P.5	Node helpdesk service in place	Mandatory	Helpdesk WG secretary
P.6	Node Cybersecurity Officer nominated and participating	Mandatory	Cybersecurity WG secretary
P.7	Node Landing Page compliant	Mandatory	EOSC Nodes, EOSC-A; EEN Onboarding Team
P.8	Node service monitoring available	Recommended	Node Operations Officer to NOC chairs
P.9	Node Service Management System available	Recommended	Node Operations Officer to NOC chairs
P.10	Node formally declared to be in Production	Mandatory	Node Coordinators Committee

EOSC Federation in Production

https://open-science-cloud.ec.europa.eu/resources/nodes





Requirements defined in "*Registration of EOSC Research Product Catalogues in the EOSC EU Node*"

- Implement OAI-PMH protocol APIs
- OpenAIRE DataCite XML metadata profile
- At least one PID

Requirements are validated

14 nodes

24 repositories

124 services

and growing . . .