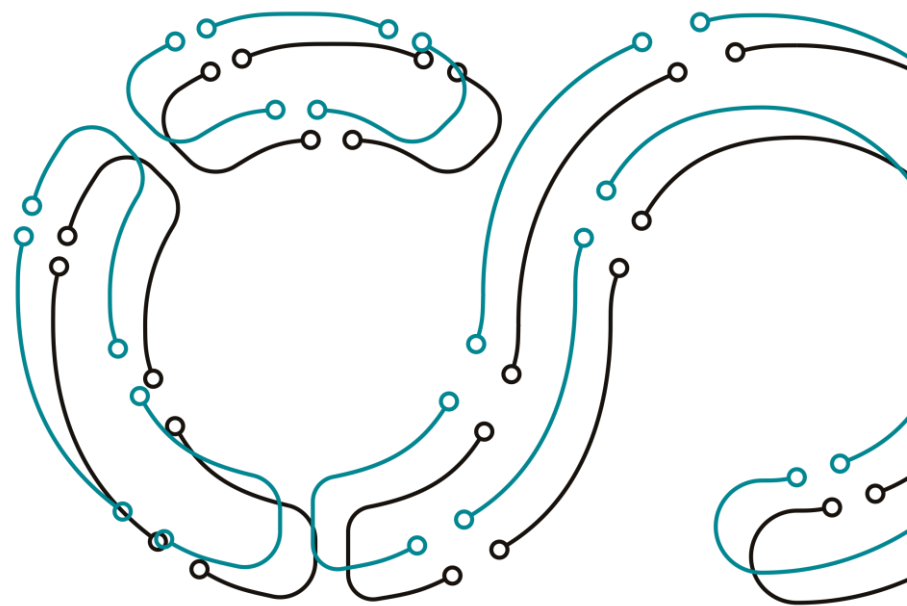




Connecting users, data, and services

EOSC Symposium 2026 / 14-16 October / Florence



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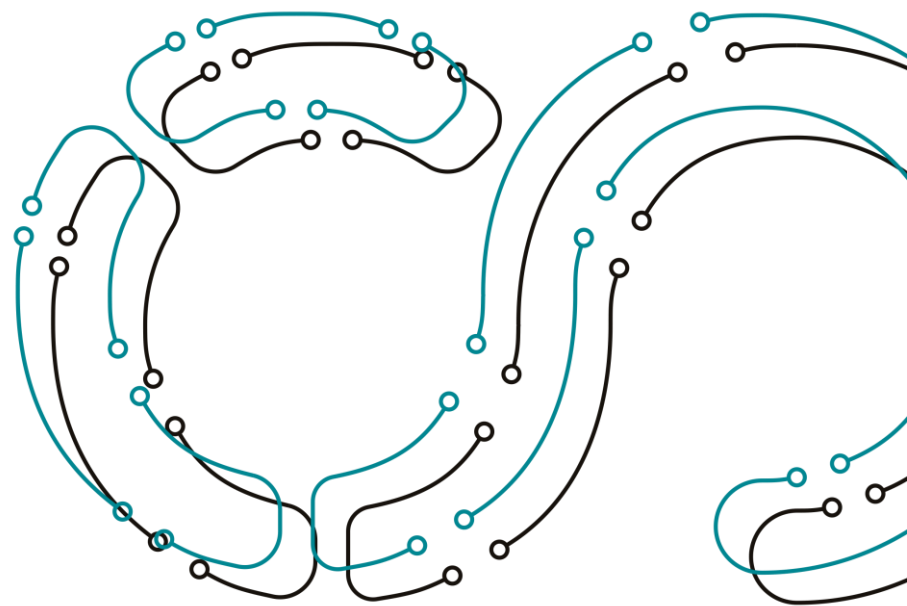


What it takes to build an EOSC Node

The experience of the Italian Node

Matteo Zanaroli

Co-Chair of the EOSC Node Coordinators Committee
Coordinator of the Italian EOSC Node



Added value for the research community – Where we started

- Contribute to change the culture and **make Open Science the new normal**
- Support a **strong federation of infrastructures and data** for data-driven research
- Contribute to the EOSC developments and **policies**
- Participate in projects aimed at developing services to exploit the full federation of EOSC Nodes
- Increase the opportunities for **Italian researchers** and research communities
- Having and giving access to **high value multidisciplinary competencies and datasets**
- Access to Cloud and HPC infrastructures
- Develop **education and training** programs
- **Synergy with EuroHPC** key initiatives such as the AI Factory

What it takes to build an EOSC Node – Status

- Following a two-stage dialogue process in winter 2024-2025 to establish a sequence for enrolling the first-wave candidate EOSC Nodes, a group of organizations was invited by the Tripartite Governance to join the EOSC EU Node for the kick-off workshop for the EOSC Federation in March 2025.
- The EOSC Federation was launched in November 2025.
- The Federation entered operations with 14 production-grade nodes on 08 October 2026.
- EOSC Node Italy supports multi-disciplinary and multi-national research aiming at contributing to change the culture and make Open Science the new normal. The EOSC Node Italy manages a shared, federated and open infrastructure, representing a unique strategic asset for Italy and for the international community, supporting Open Science and EOSC. The services provided by the Italian node for several research communities, are thought to provide all the tools, experience, data and support to allow researchers to extract value from data in different research domains.

eosc What it takes to build an EOSC Node

eosc Federation

ITALY'S NATIONAL NODE OF THE EUROPEAN OPEN SCIENCE CLOUD

 **EOSC Node | Italy**

Federating Italian research data, high-performance computing, cloud infrastructure and digital services for FAIR, secure and cross-disciplinary science in Europe.

[Sign in with EOSC AAI](#) [Explore the Node Catalogue](#) [Explore Node resources](#)

This Node Landing Page is publicly accessible without login. Protected resources must present an EOSC-AAI access route and their User Access Policy before the user enters.

[Scope and users](#) [Resources](#) [Policies](#) [Governance](#) [Helpdesk](#)

EOSC NODE IN OPERATION

 View the dedicated Node page on eosc.eu →

 European Commission

Log in

European Open Science Cloud - EU Node

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[Home](#) > [Nodes](#) > EOSC Node Italy

[EOSC-IT](#)

EOSC Node Italy [View node resources](#)

[Description](#) [Metadata](#)

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- **Policy issues** including **agreements** on access to services (i.e. on compute/storage services)
- EOSC Node AAI local federation and adoption
- From **catalogue of catalogues** to detailed catalogue
- Cross-domain **interoperability**
- The full **engagement of the user-community**
- **Continuous institutional support**

eossc Main benefits so far

- **Strategy & Policy:** alignment with EU Open Science vision; influence on policy
- **Technical:** shared identity (AAI), interoperability
- **Collaboration:** Cross-border projects
- **FAIR-by-design integration:** National services become part of a wider ecosystem that adheres to FAIR principles
- **Visibility:** EOSC Node Italy in production and National services onboarded

Engaging communities and service providers

- The primary purpose of the EOSC Node Italy' participation in the EOSC Federation is to federate research data, infrastructures and services into a high-quality, trusted, interoperable system that is easy to access and use for Italian and European researchers.
- EOSC Node Italy is managed by ICSC, an entity that federates resources of 50+ members including leading RPOs, e-Infra and RI. Founded in 2022, ICSC operates the EOSC Italian Node as a federated infrastructure providing services that have been active for 20+ years.
- The decision to apply as the Italian EOSC Node was fully supported by the Italian Computing and Data Infrastructure (ICDI), which has coordinated Italy's participation in EOSC since 2018.
- The node solutions are dependent on in the in-kind contribution of service providers in the Italian research landscape. This is a clear opportunity, but also a potential risk

EOSC Ensuring Long-Term Sustainability and Impact

- EOSC Node Italy is supported by a broad network of partner organizations that contribute to its operations and long-term development.
- Funding opportunities at regional, national, and European levels are continuously monitored to secure additional resources.
- The Node enjoys strong political and institutional backing.
- Support the development of scientific use cases that can evolve into operational services within the Node.
- Ensure that services and datasets developed through locally funded research projects are aligned with EOSC principles and guidelines, creating a sustainable pipeline of new resources and services for the Node.

Thank you

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