



Questionnaire for parties interested in contributing to the build-up phase of the EOSC Federation

Webinars: 19 / 25 June 2024

19/25 June 2024





Today's Topics

15:00 – 16:00 CEST

- Welcome
- Overview Tripartite Governance
- Recap of evolution of EOSC Federation
- The Questionnaire
- Q & A



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Tripartite Governance & EOSC Partnership



EOSC Tripartite Governance

eosc | Tripartite

EC (RTD + CNECT)	EOSC Association	EOSC Partnership 2021-2030 1 BEUR
	EOSC Steering Board	EC Expert Group with representatives of MS/AC

Meets twice per year for half a day



eosc | Tripartite Group

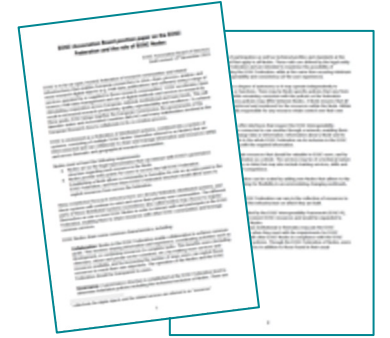
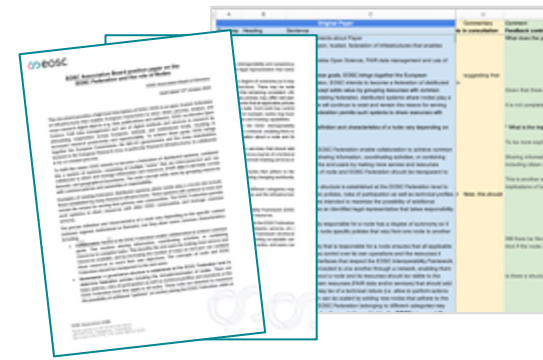
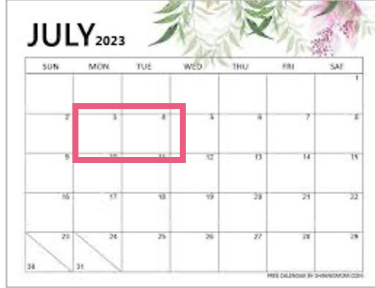
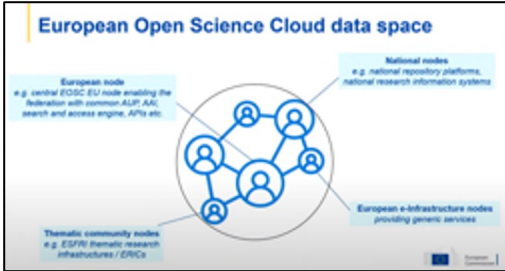
European Commission
 EOSC-Steering Board Sub-group Policy
 EOSC Association Board of Directors

Meets every 2 – 3 weeks for 2 hrs, can appoint external experts

HorizonEU



Evolution of Node Concept in 2023



Spring

July

September

October

November

Introduction EOSC EU Node and concept of nodes by EC

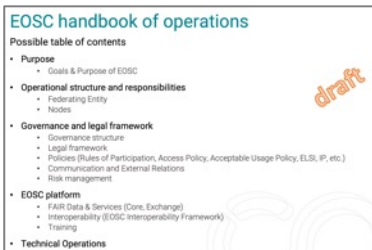
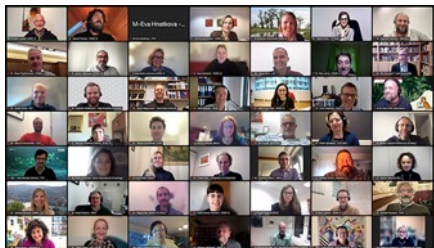
Meetings with Mandated Organisations and ESFRI RI Working Group to prepare September workshops

Community Workshops MOs & ESFRI RI WG, Unconference @ EOSC Symposium

Publication of Draft Position Paper on the EOSC Federation and the role of Nodes & Consultation

Publication of revised version of Draft Position Paper & Consultation

eosc Evolution of Node Concept in 2024



January



February



March



April



May

2 Community webinars giving updates on federation & nodes

Integration of community feedback & drafting of table of contents for EOSC Federation Handbook

Discussion of EOSC Federation Handbook concept with EC and EOSC-SB Policy Group

Presentation of "Minimum requirements of Nodes" draft at European Tripartite Event

Tripartite group discussed co-creation of Federation Handbook and candidate nodes

Ongoing activities

- Definition of the **“node” concept**:
minimum requirements for being a node;
benefits of becoming a node;
duties of a node, etc.
- Definition of the **“rules of participation” (enrolment of nodes)** in the EOSC Federation
- Definition of the **process to enrol new nodes** (multiple waves of enrolment foreseen)
- **Financial and governance implications** of the EOSC Federation

The process

EOSC-A Handbook

The EOSC Association is collecting contributors to draft the Handbook of the EOSC Federation

New EOSC Tripartite Group

Representatives of the Tripartite Governance and experts appointed by the 3 parties are meeting every 2-3 weeks to discuss:

- Development of the Handbook
- Governance and financial implications of the EOSC Federation

EOSC Tripartite Governance

The EOSC tripartite group will inform the current EOSC Tripartite Governance that will take the final decisions concerning the EOSC Federation

Building the EOSC Federation: Requirements for EOSC Nodes

https://eosc.eu/wp-content/uploads/2024/05/EOSC-A_GA8_20240527-28_Paper-G_Update_EOSC_Nodes_requirements-DRAFT-v240524.pdf

Building the EOSC Federation: requirements for EOSC Nodes

[draft v 24/5]

Disclaimer: This document is primarily addressing entities interested in enrolling as EOSC Nodes. The requirements will evolve during the uptake of the EOSC Federation and are planned to be specified in the EOSC Federation Handbook. The document is not about the onboarding of service providers to EOSC Nodes, and it does not elaborate on the steps to be taken for the uptake of the EOSC Federation.

The European Open Science Cloud (EOSC), the Common European Data Space for R&I¹, is the EU's flagship initiative for the digital transformation of research.

The vision for EOSC is to put in place a system for researchers in Europe to store, share, process, analyse and reuse, within and across disciplines and borders, FAIR research outputs, such as research data, publications and software.

It is rooted in open science and deployed as a network between data repositories and services of research infrastructures and other scientific service providers to develop a trusted federation of research data and services for R&I in Europe. The development of the building blocks of the EOSC Federation will count on the latest community know-how, adopting and building on well-established and well-functioning existing structures and frameworks.

EOSC is transitioning to a fully operational mode: the EC-procured 'Managed Services for the EOSC Platform' are currently being developed and gradually put in operation under the branding of the EOSC EU Node², making it the first node of the EOSC Federation.

At the same time, partly through investments by the EU, its Member States and Horizon Europe associated countries, several thematic communities and national initiatives are maturing their infrastructures and services for EOSC readiness.

The EOSC Nodes will be the entry points for end users to the entire EOSC Federation, with each node offering its own services (including data reposing and accessing services) and possibly services of other providers ('third-party' services onboarded to the EOSC Node), in compliance with the EOSC Federation's common rules and requirements as well as the own policies of the EOSC Node. An organisation may therefore enrol its activities as an EOSC Node in the EOSC Federation or onboard its services on an existing EOSC Node as a provider.

These nodes will thus offer (scientific) services and/or data that adhere to the FAIR principles, including curated research outputs (such as publications, datasets, software, etc.), specialised

¹ <https://digital-strategy.ec.europa.eu/en/library/second-staff-working-document-data-spaces>

² <https://open-science-cloud.ec.europa.eu/>

and/or platform services, and/or data processing

EOSC Federation as nodes will benefit from:

By enrolling in the EOSC Federation as nodes, a larger pool of users, within and especially beyond their primary focus, enabling innovative use and exploitation of research data, and especially beyond research to industry and other sectors. Nodes will also benefit from the ability to connect to the other currently deployed Common European Data Spaces. Nodes will profit from a much broader access to FAIR data and services. Nodes will also benefit from their own contributions to the EOSC Federation.

Nodes will be able to take advantage of commonly pooled resources and services, such as AAI, resource catalogues and registry services, reducing duplication of research and development activities and their business models.

Nodes will be able to contribute to community engagement activities such as training activities, consultations, usability testing, and other activities.

Organisations enrolling nodes in the EOSC Federation will be able to benefit from the latest European standards for research output and data, and will seamlessly comply with EU research and digital transformation rules and policies.

Nodes will ensure the quality of services offered by and to specific responsibilities towards other EOSC Nodes, and towards their end users.

Nodes responsible for an EOSC Node aim to ensure that it has the legal capacity to take up this responsibility and to be able to contribute to the development of EOSC according to its long-term vision.

The legal entity responsible for the EOSC Node must be a public-benefit legal entity (such as a non-profit organisation, a Member State or an associated country) with legal recognition in all Member States and associated countries, and of European interest. The legal entity must be able to conclude possible agreements with other partners and to evolve the EOSC Federation, with other nodes and/or with a potential future EOSC Federation.

EOSC Nodes shall be able to provide services at the request of the research communities, operating in a transparent and accountable manner.

Nodes beyond offering its own services, an EOSC Node shall be able to offer third-party services on it and to ensure that these services meet the standards, rules, and policies of the federation, including interoperability, transparency, and trustworthiness of these services.

Capabilities: EOSC Nodes shall have the capacity to offer a range of capabilities to be offered across the federation such as infrastructure, resource catalogues and registry services, and helpdesk.

Rules and standards: organisations that are responsible for an EOSC Node shall select which services they offer or share within the federation, in compliance with the policies for access and use of these services, including interoperability services. EOSC Nodes shall provide access to their services and be able to comply or to provide action plan to ensure compliance with the possible federation-wide agreed policies, protocols, access rules, including the EOSC interoperability standards (such as FAIR) and sovereignty standards.

Nodes shall be able to monitor and report the activity of the EOSC Federation (e.g. monitoring usage of data, services and the quality of the provided services, including the compliance with the Federation's policies, and the compliance with the Federation's policies).

Nodes will strive to contribute to community engagement activities such as training activities, consultations, usability testing, and other activities.

Nodes shall be able to confirm continued operations compliant to the EOSC Federation, ideally 5 years or more to ensure that they are reliable and they shall be transparent about their measures to ensure reliability.

Nodes shall be able to estimate the costs and benefits of their services and will be refined and elaborated in the months to come. Estimates about costs and benefits of EOSC Nodes'.

Candidate EOSC Nodes'

A large mass of prospective EOSC Nodes, possibly including thematic nodes, (single sited and/or multi-sited), or e-infrastructure nodes, and then to progressively increase the number of more prospective nodes and to evolve the EOSC Federation, based on the experience gained by the initial operation of the EOSC Federation.

EOSC Nodes are a subset of the requirements for EOSC Federation, including sustainability, core capabilities/service provision

presenting the candidate EOSC Node must have the **authority to establish**

responsible for the candidate EOSC Node should commit to providing services to ensure its operation for at least 24 months, ideally for 5 years or more.

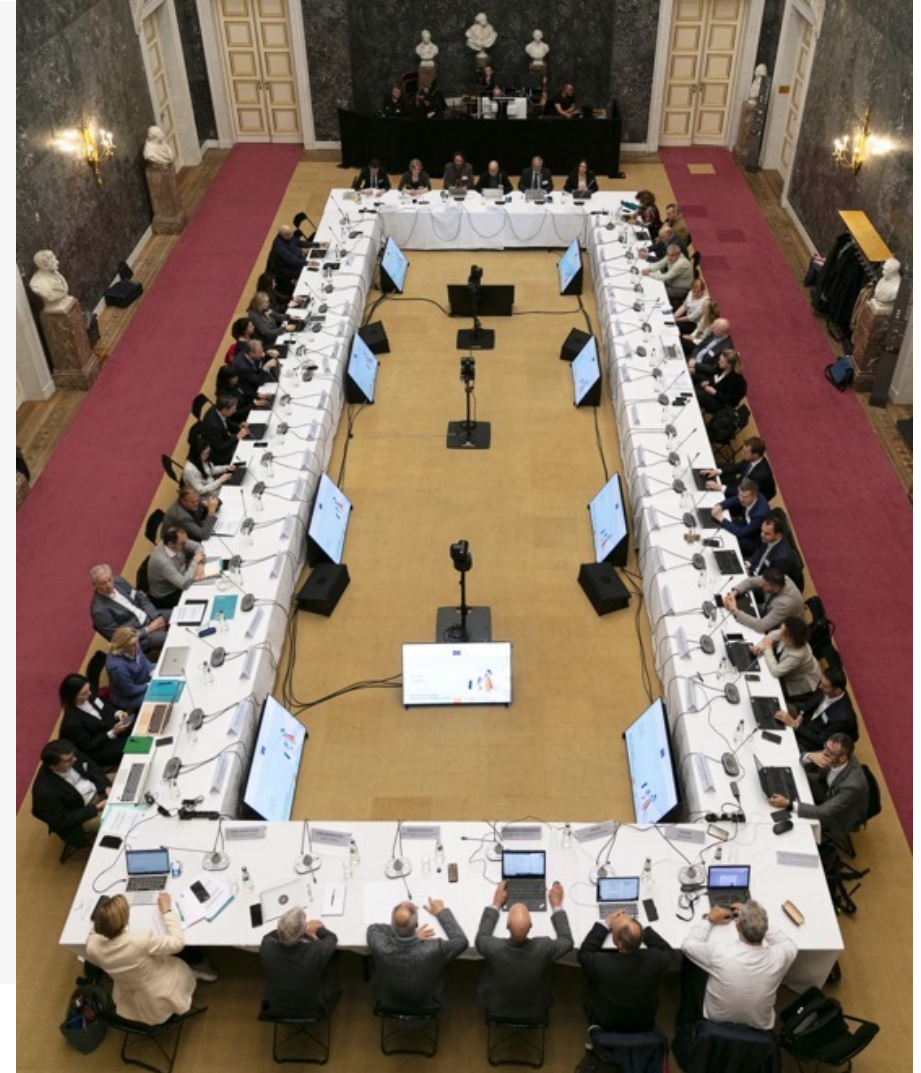
EOSC Node must have **sufficient capacity and expertise** to be able to ensure that the services it includes can be operated at a sufficiently high Technology and Innovation level, ensuring robust, reliable and secure performance.

Services must be at least findable and accessible to registered EOSC users and to the general public, while services such as compute and storage capacity shall be available in sufficient quantities to multiple user groups.

Status:
24.05.2024

eosc Steps under governance of Tripartite Group

May	Call for Handbook contributors
28 May	Discussion at EOSC-A GA#8
31 May	Tripartite Group Meeting / Presentation of an Integrated Work Plan
6 June	Kick-off meeting with Handbook drafters (weekly meetings)
June	Launch of questionnaire
5 July	Partnership Board Meeting #6 Continuous work over the summer
Sept	Community consultation phases
Oct	EOSC Symposium
Nov	Tripartite Event Budapest



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Q&A

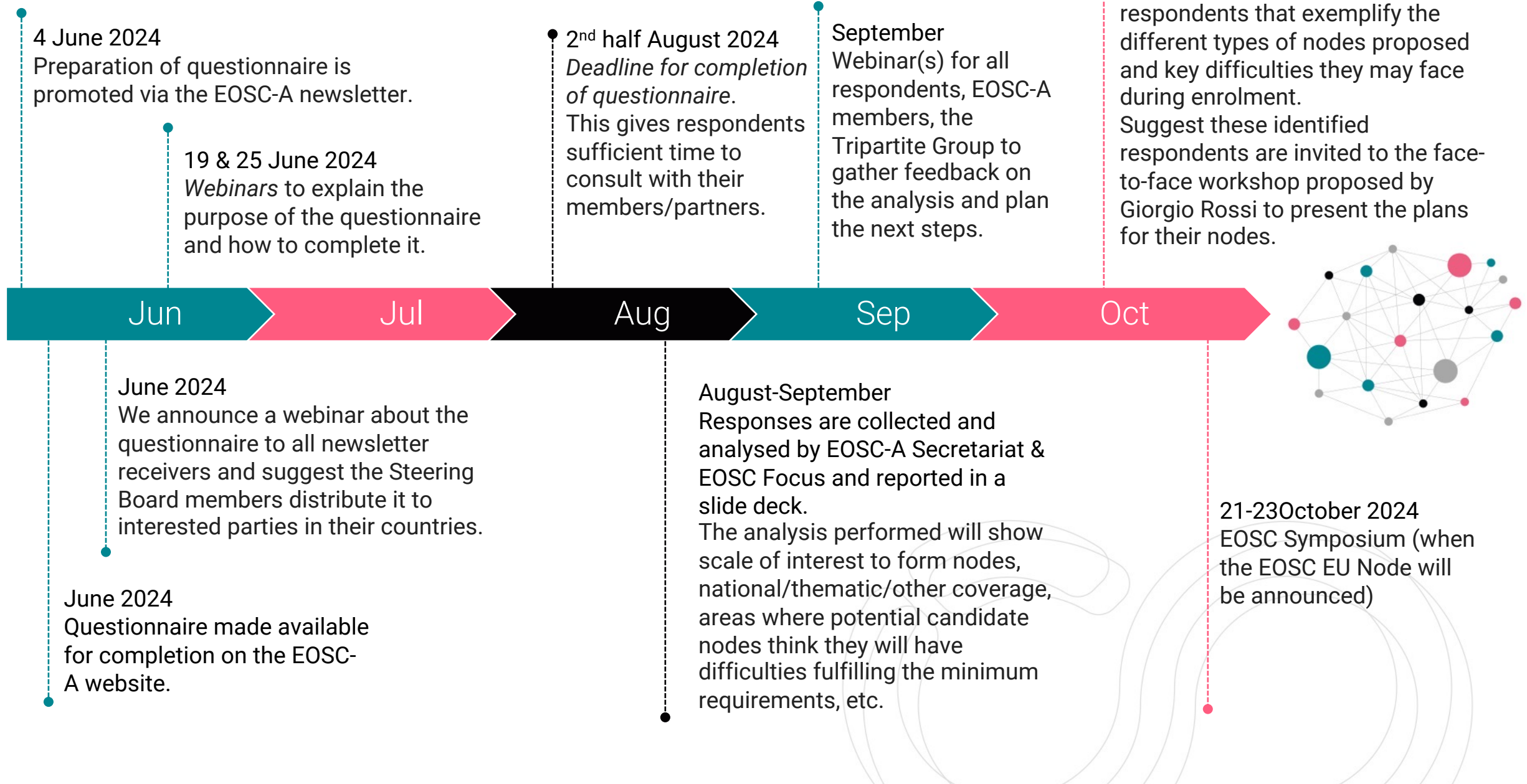


Launch of the Questionnaire

for parties interested in contributing to the build-up phase of the
EOSC Federation



eosc Proposed timeline



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Questionnaire for parties interested in contributing to the build-up phase of the EOSC Federation

The construction of the future EOSC has entered an important phase. The EOSC EU Node is expected to be presented to the scientific community in the frame of the EOSC Symposium in October 2024. Meanwhile, the discussions are intensifying on the aims, structure and tasks of the individual EOSC Nodes that will complement the EOSC EU Node to initiate the formation of the EOSC Federation.

The Tripartite Governance of EOSC is therefore launching a questionnaire to gauge the scale and scope of general interest and readiness for the build-up phase of the EOSC Federation. Interested parties are invited to reply to the questionnaire as the first step in their eligibility to contribute to a testbed of potential EOSC Nodes representing the different stakeholders involved in the research communities of Europe.

Based on the replies to the questionnaire, several organisations will be invited by the Tripartite Governance to contribute to the refinement of the EOSC Federation concept during the build-up phase. The build-up phase will help the Tripartite to gain experience from cooperation between the future EOSC EU Node and the individual future EOSC Nodes, and to test the different aspects of the [EOSC Federation Handbook](#) in practice. The invited organisations shall reflect the different types of stakeholders and organisations to ensure the best possible representation of the various European research communities.



Read briefing papers

Register for webinars

Proceed to questionnaire
DEADLINE: 18 AUGUST 2024, 23:59 CEST

WEBINARS FOR PARTIES INTERESTED IN BUILDING UP THE EOSC FEDERATION

<https://eosc.eu/eosc-about/building-the-eosc-federation/questionnaire-for-parties-interested-in-contributing-to-the-build-up-phase-of-the-eosc-federation/#briefingpapers>

eosc Questionnaire – Important to notice

No additional funding is associated with this activity. Submitting the questionnaire does not commit the respondent to onboard their resources (i.e. services/data repositories) nor to establish a future EOSC Node. At the same time, the invitation to form a node in the build-up phase does not automatically guarantee the status of a federated EOSC Node at a later stage. The decision of the future structure, organisation and funding of EOSC will follow the negotiations of the next European Framework Programme for Research and Innovation, FP10.

WEBINARS FOR PARTIES INTERESTED IN BUILDING UP THE EOSC FEDERATION

The EOSC Association will hold two webinars in June to explain the purpose of the questionnaire and provide guidance on how to complete it. [Registration is required to attend](#). Interested participants can choose from the following dates and times:

- **Wednesday, 19 June 2024, 15:00-16:00 CEST**
- **Tuesday, 25 June 2024, 15:00-16:00 CEST**

1. Do you intend to offer your institutional resources through a future EOSC Node of the EOSC Federation?
2. Do you wish to join the build-up phase with the intention to build a potential future EOSC Node?
3. Are you able to identify the legal entity that would assume legal responsibility for the potential EOSC node?
4. Please list the resources your organisation intends to make available via the node (text list, for each entry give the TRL (1-9) and any restrictions that apply to use of the resource) and describe their added value to the EOSC Federation.



eosc Questions

5. Are all these resources owned/operated by your organisation (yes/no)?
If no, please indicate the owner/operators (text, select country)
6. Please estimate when you would be able to start offering resources to the EOSC Federation? (month/year)
7. What support/competences/training will be offered to the users of the resources made available via the potential node? (text)
8. What is the added value that you see for you and for your users in contributing to the EOSC Federation? (text)
9. Please add any additional remarks you would like to make about the EOSC Federation (text)
10. Upload supporting documents (optional)

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Q&A