

## How does EOSC Federation support the activities of the EOSC Tripartite Governance?

In 2026, the **EOSC (European Open Science Cloud) Federation** serves as the operational engine that transforms the strategic vision of the **EOSC Tripartite Governance** into a functional reality.

The Tripartite Governance—composed of the **European Commission (EC)**, the **EOSC Steering Board** (representing Member States), and the **EOSC Association**—sets the high-level policy and strategy. The Federation supports these activities through three primary pillars: **Implementation**, **Evidence-based Monitoring**, and **Institutional Alignment**.

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### 1. Translating Strategy into Operational Reality

The Tripartite Governance defines the **Strategic Research and Innovation Agenda (SRIA)**. The Federation supports this activity by acting as the deployment arm:

- **Node Coordination:** Through the **Node Coordinator Committee**, the Federation ensures that the technical and thematic nodes (like the EOSC EU Node and various National Nodes) align their service delivery with the Tripartite's policy priorities.
- **Rules of Participation (RoP):** The Federation enforces the RoP defined by the governance. This ensures that any data or service onboarded to the "system of systems" meets the quality and FAIR (Findable, Accessible, Interoperable, Reusable) standards required by the EC and Member States.

### 2. Providing a Feedback Loop for Governance

The Tripartite Governance requires real-world data to adjust its policies and funding models. The Federation supports this via:

- **Operational Monitoring:** The **Operations Committee** within the Federation provides "ground-truth" data on service uptake, cross-border data usage, and technical bottlenecks. This information allows the Tripartite bodies to evaluate the success of the current **Multi-Annual Roadmap (MAR)**.
- **Interim Governance Structures:** As seen in the early 2026 consolidation in Nice, the Federation's interim structures (working groups on Legal, Technical, and Business models) provide the Tripartite Governance with the prototypes and pilot results needed to design the **post-2027 legal entity**.

### 3. Supporting Sovereignty and Sustainability

One of the key activities of the Tripartite Governance is ensuring **European data sovereignty**. The Federation supports this by:

- **Distributed Governance:** By federating national and thematic infrastructures, the Federation prevents vendor lock-in and centralizes the "Web of FAIR Data," directly supporting the

Steering Board’s mandate to maintain national control over research investments while achieving European-scale impact.

- **Resource Alignment:** The Federation facilitates the "Joint Calls" and co-investment strategies identified by the Tripartite, ensuring that national funding from Member States and EU funding from Horizon Europe are directed toward compatible infrastructure.
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### Summary of Support Roles

<b>Activity of Tripartite Governance</b>	<b>How the EOSC Federation Supports It</b>
<b>Policy Setting</b>	Implements the <b>EOSC Interoperability Framework</b> across all Nodes.
<b>Strategic Monitoring</b>	Provides technical KPIs and usage metrics to the <b>EOSC Steering Board</b> .
<b>Sustainability Planning</b>	Tests business models and legal frameworks for the <b>post-2027 era</b> .
<b>Community Engagement</b>	Acts as the interface where the <b>EOSC Association</b> members (researchers) actually interact with tools.

**Note:** As of 2026, the Federation is governed by a **Memorandum of Understanding (MoU)** signed in late 2025. This MoU acts as the "contractual bridge" that allows the Federation to operate under the Tripartite's guidance while the permanent legal structure is finalized.

## How does EOSC Federation coordinate and support the EOSC Nodes in joining the Federation?

In 2026, the **EOSC Federation** coordinates and supports the entry of new nodes through a structured ecosystem of governance bodies, technical blueprints, and financial support actions. The transition from "candidate" to "operational" node is managed through a lifecycle of enrollment defined by the **EOSC Federation Handbook**.

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### 1. Governance & Strategic Coordination

The Federation coordinates joining nodes through two primary interim committees established under the **2025 Memorandum of Understanding (MoU)**:

- **EOSC Node Coordinator Committee (NCC):** This is the "strategic bridge." It aligns the interests of candidate nodes with the Tripartite Governance. It ensures that the specific thematic or national requirements of a joining node are reflected in the Federation's roadmap.
- **EOSC Node Operations Committee (NOC):** This is the "technical engine." It directly supervises the onboarding of services and the integration of resources. It coordinates the **technical readiness assessments** required before a node can go live.

### 2. Practical Support Tools: The Handbook & Blueprint

To lower the barrier to entry, the Federation provides standardized documentation and reference architectures:

- **EOSC Federation Handbook (v2.0):** Released in February 2026, this serves as the "Joining Manual." It details the legal, technical, and operational requirements (Rules of Participation) and provides a step-by-step guide to the enrollment process.
- **EOSC EU Node as a Blueprint:** The EU Node acts as the primary reference implementation. Joining nodes can leverage its **Open Source codebase** and technical architecture to build their own nodes, ensuring they are natively compatible with the Federation's core services (like AAI and the common catalogue).

### 3. Technical Integration Support

The Federation supports joining nodes through specialized **Working Groups (WGs)** that provide hands-on assistance:

- **Architecture & Federating Policies WG:** Helps nodes align with the **EOSC Interoperability Framework (IF)**. They provide guidance on implementing mandatory "Federating Capabilities," such as persistent identifiers (PIDs) and metadata standards.
- **Training & Competencies WG:** Strengthens the operational capacity of joining organizations, offering "Academy" sessions to train node operators on managing federated resources.

### 4. Financial and Project-Based Support

Coordination is further bolstered by dedicated **Coordination and Support Actions (CSAs)** funded by Horizon Europe:

- **EOSC United:** This project provides the operational framework for the Federation. It offers practical requirements and "onboarding kits" to help nodes integrate their resources seamlessly.
- **EOSC Gravity:** Provides **cascading grants** (financial support to third parties) specifically to help potential nodes upgrade their technical infrastructure to meet Federation standards.

### The Node Enrollment Path

Stage	Coordination Mechanism	Key Support Provided
<b>Expression of Interest</b>	EOSC Association Secretariat	Legal orientation and signing of the <b>Federation MoU</b> .
<b>Preparation</b>	EOSC Federation Handbook	Access to technical blueprints and compliance checklists.
<b>Technical Integration</b>	Node Operations Committee	Interoperability testing with the <b>EOSC EU Node</b> core services.
<b>Formal Enrollment</b>	Node Coordinator Committee	Validation of "Rules of Participation" and formal entry into the Federation.

**Strategic Note:** By mid-2026, the Federation has moved from a "prototype" phase to a "production" phase. This means support is now focused on **scalability**—ensuring that as new nodes join, the performance of the cross-node scientific workflows remains stable.

## How does EOSC Federation promote the EOSC Federation in Europe and internationally?

In 2026, the **EOSC Federation** promotes its mission through a multi-layered strategy that combines high-visibility flagship events, "living" technical demonstrations, and deep integration with global standards bodies.

The promotion is not just about "marketing" but about **demonstrating utility** to researchers and **sovereignty** to policymakers.

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### 1. Promotion within Europe: "From Prototype to Production"

In Europe, the focus is on onboarding national and thematic nodes by showing that the Federation is now an operational reality.

- **Flagship Events:** The **EOSC Symposium 2026** (Florence, October) serves as the primary annual gathering to celebrate the Federation's transition to a "production" state. It brings together over 1,000 stakeholders to showcase cross-disciplinary success stories.
- **National Tripartite Events (NTEs):** These are localized "roadshows" (e.g., in Croatia, April 2026) where the European Commission, the EOSC Association, and national ministries meet to align national funding with the Federation's goals.
- **The "Case Study" Series:** The EOSC Association produces short-form video series (launched in early 2026) that highlight specific scientific breakthroughs enabled by the Federation, such as the *Biological Sequestration of Carbon in the Ocean* use case.
- **The EOSC EU Node as a Blueprint:** By open-sourcing the code for the **EOSC EU Node**, the Federation promotes itself as a transparent, "reusable" infrastructure. This encourages Member States to "copy-paste" successful models rather than reinventing the wheel.

### 2. International Promotion: Setting the Global Standard

Internationally, the Federation positions itself as a leader in the "Global Open Science Cloud" (GOSC) movement by focusing on interoperability.

- **Research Data Alliance (RDA) Alignment:** The Federation uses the **RDA 26th and 27th Plenary Meetings** in 2026 to align European standards (like FAIR Implementation Profiles) with global partners in the US, Japan, and Australia.
  - **Diplomacy through Science Europe:** Organizations like **Science Europe** promote the EOSC Federation as a strategic instrument for European competitiveness, advocating for its role in the next EU Framework Programme (FP10) as a model for "Open Science Diplomacy."
  - **Global Talent Hub:** Through initiatives like "Choose Europe," the Federation is promoted to international researchers as a "virtual commons" where scientists from any nationality can access top-tier European data and computing power.
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### 3. Communication Channels & Tools

The Federation uses a "Hand-on" approach to keep the community engaged:

<b>Channel</b>	<b>Target Audience</b>	<b>Primary Message</b>
<b>EOSC Federation Handbook</b>	Node Candidates	"Joining the Federation is technically and legally straightforward."
<b>EOSC-A Newsletters</b>	Researchers/Ops	"Here is the new data/service you can use today."
<b>Winter School (Nice)</b>	Technical Leads	"Hands-on collaboration is the heart of the Federation."
<b>Policy Narratives</b>	Ministries / EC	"EOSC secures Europe's data sovereignty for the AI era."

**Strategic Outlook:** In 2026, the promotion has shifted from "What is EOSC?" to "**How do I use/join the EOSC Federation?**" This shift signifies the maturity of the infrastructure as it prepares for the post-2027 legal and funding framework.