

European Commission's contribution to EOSC

11 Sept 2025

EOSC French National Tripartite event

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DG Research and Innovation



EOSC in the ERA Policy Agenda 2025-2027



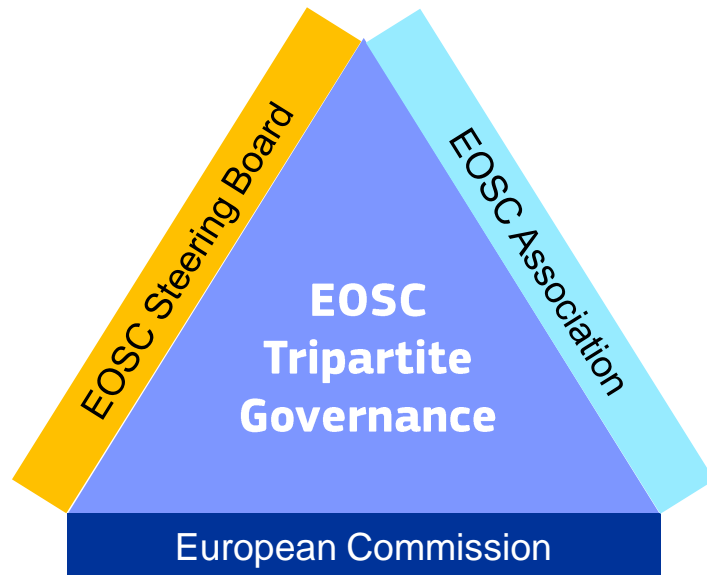
longer-term activities
embedded in policy & R&I systems
require efforts beyond Agenda's 3y cycle
include 3y work plan

- **Open science, data sharing & EOSC**
- Research Infrastructures
- Reforming research assessment
- Trust in science
- ...

concrete, policy-driven & goal-oriented
completed within Agenda's 3y cycle

- Equity in open science
- Responsible use of AI in science
- Research security
- Integrity and ethics in R&I
- ...

EOSC: a joint initiative at EU, national & community levels



- ✓ Resource mobilisation & HE funding security **EC** EOSC A
- ✓ Strategic R&I Agenda **EC** EOSC A
- ✓ Community input for EOSC in Horizon Europe EOSC A
- ✓ Advice; national coordination **Steering Board**
- ✓ Position on EOSC in the future FP **Steering Board**
- ✓ Policy opinions **Steering Board**
- ✓ Financial estimates for EOSC post-27 **EC** **Steering Board**
- ✓ EOSC Open Science Observatory **EC** **Steering Board**
- ✓ Strategic Steer to Federation build-up **EC** **Steering Board** EOSC A
- ✓ EOSC Federation Handbook **EC** **Steering Board** EOSC A
- ✓ EOSC post-27 **EC** **Steering Board** EOSC A
- ✓ ...



EOSC EU Node



+3500 users

+70,000 virtual credits

Services to researchers

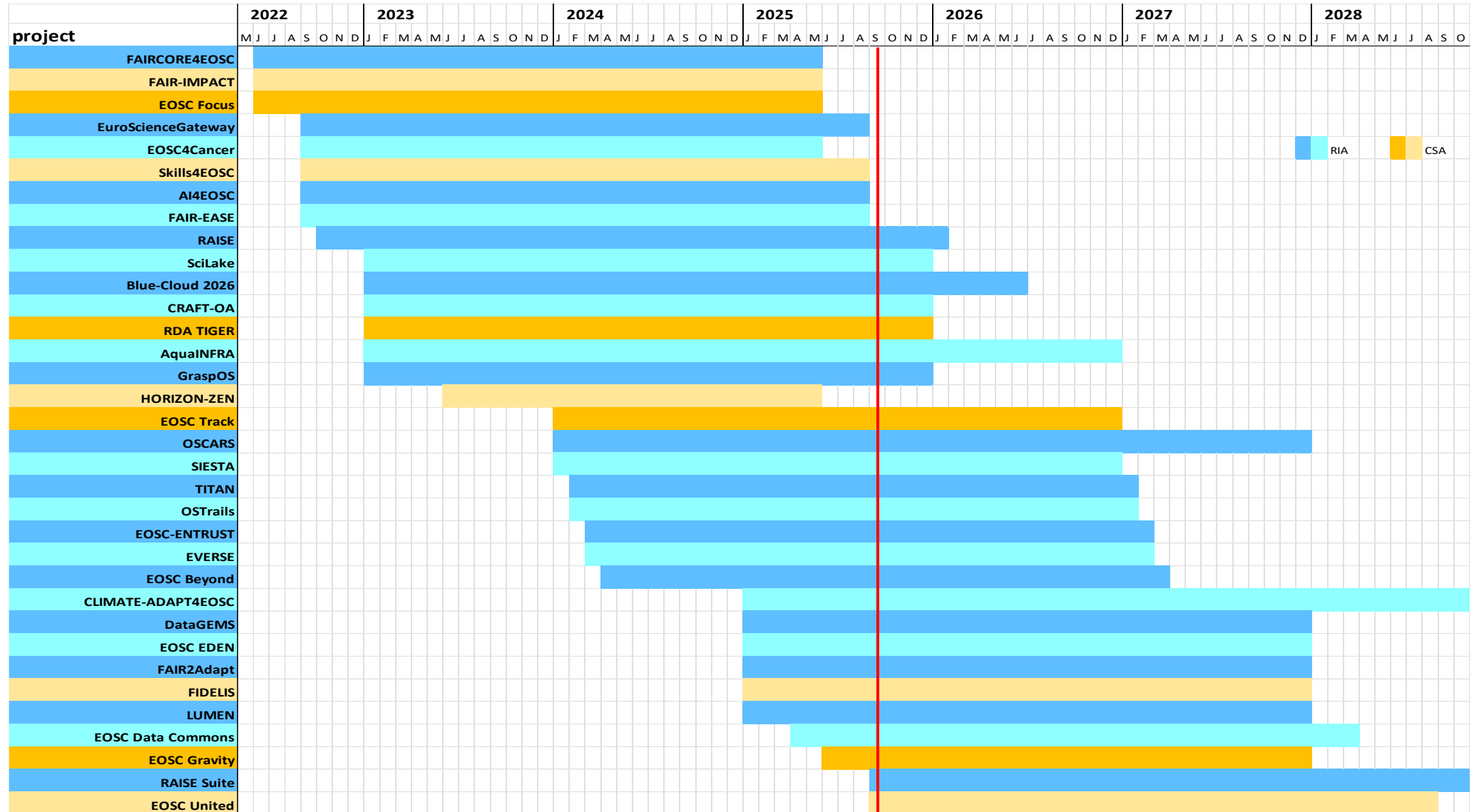
- Manage research workflows
- Collaborate with Peers
- Discover research products

Provision of **federating capabilities**

- Authentication & Authorisation
- Catalogues, registry services
- Monitoring, accounting ('credits')
- Helpdesk
- ...



EOSC projects in Horizon Europe



EOSC in Horizon Europe – 2025 call

5 topics / 106.5 M€ / opened 6 May

RIA
30M€
4-5
projects

01-01: EOSC Nodes with federating capabilities for the EOSC Federation

RIA
16M€
2-3
projects

01-02: FAIR Integration for Enhanced Research Data in the EOSC ecosystem and beyond

RIA
15M€
1-2
projects

01-03: Advancing AI-readiness and Machine Actionability in the EOSC Ecosystem

CSA
8M€
1 project

01-04: Data stewards, skills and training for Open Science and FAIR practices

RIA
37.5M€
4-5
projects

01-05: Using Generative AI (GenAI4EU) for Scientific Research via EOSC

Deadline: 18 September 2025 !



EOSC in Horizon Europe

Draft *call for 2026-2027 – 4 topics*

2026 1. **Uptake of FAIR data management practices and of EOSC by research communities and research infrastructures**

2. **Trusted frameworks for secure and efficient data sharing in EOSC**

2027 1. **Expanding and deepening the EOSC Federation**

2. **Strengthening the potential of the EOSC for knowledge valorisation and industry academia collaboration**

Find it here: <https://ec.europa.eu/transparency/comitology-register/screen/documents/109463/1/consult?lang=en>



EOSC in Horizon Europe

Draft call for 2027

2027-EOSC-01: Expanding and deepening the EOSC Federation

- *Proposals should cover the following activities*
 - i. *Provide seamless, user-friendly access to EOSC users to digital services for typical research workflows such as data storage, computing, applications, and collaboration tools, through a fully integrated EOSC Federation-wide system*
 - ii. *Support the broadening, integration and structuring of the participation of research communities in the EOSC Federation*
- Programme co-fund action → a call addressed to (CO-)FUNDERS
- Organisation of joint calls



The structure of the new Horizon Europe



¹ Consistent with activities under the European Competitiveness Fund

Novelties

**Further
Simplification**

**Partnerships
Landscape**

EIC

**Research and
Technology
Infrastructures**

Widening

**Dual-use
research**

Future directions for EOSC

Sustaining and enhancing the **EOSC Federation**

- Building Europe's high-value, FAIR research data space

Contributing to the **web of FAIR data and the uptake of AI**

- AI for FAIR & FAIR for AI

Ensuring research **security** and **sovereignty**

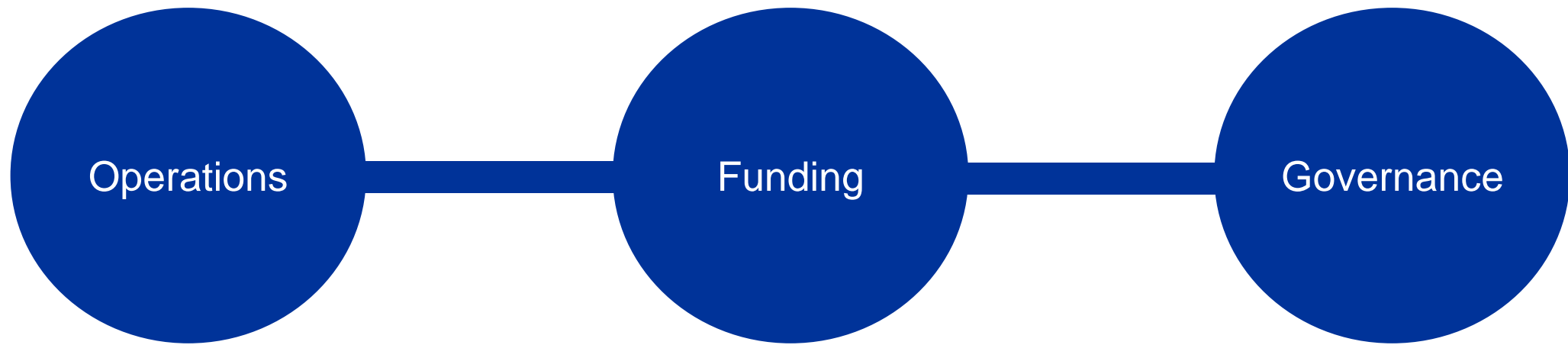
- Secure and trusted research environments, data sovereignty...

Linking with **other Common European Data Spaces and beyond**

- FAIR-inspired data quality principles outside academia (public sector, industry)



Towards a model for EOSC after 2027



How to ensure a science- & user-driven EOSC Federation?

How to ensure the sustainability of the EOSC Federation?

...

How to ensure long-term secure funding?

How to implement co-funding by the relevant actors (EU, national funders, ...)?

...

What roles for the different actors (EU, countries, communities)?

...

Thank you



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