EOSC

Nature of the Initiative	Association/Foundation	European Project	Data Space
Mission	Their mission to develop a 'Web of FAIR Data and Services' for science in Europe
Sector(s) addressed	EOSC (Research)
Leading organisation	European Commission
Members (approx.)	100+
Founded (Year)	2015
Web (URL)	https://eosc.eu/
Social Media Presence	LinkedIn	X	YouTube
Relevance for Industry 4.0	EOSC will be a multi-disciplinary environment where researchers can publish, find and re-use data, tools and services, enabling them to better conduct their work. EOSC builds on existing infrastructure and services supported by the European Commission, Member States and research communities. It brings these together in a federated 'system of systems' approach, adding value by aggregating content and enabling services to be used together.

Key Information	Levels	Important Links
Data Space Technical Specifications	★	GitHub/Eclipse Link: N/A
Data Space Governance	★★★★	Document Library Link (zenodo)
Data Space Demonstration	★★★★	EOSC Symposium 2024 , Events
Data Space Adoption	★★★	The Macro-Roadmap , The Strategic Research & Innovation Agenda and its Multi-Annual Roadmap
Connected Data Space 4.0 Initiatives	CLAIRE, EurAi, ellis, euROBOTICS	

Additional Information	
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What is EOSC?

The implementation of EOSC is based on a long-term process of alignment and coordination pursued by the Commission since 2015. This has involved a diverse range of stakeholders across the European research landscape.

- 2018-2020

In the initial phase of implementation (2018-2020) the European Commission invested around €250 million to prototype components of the EOSC through calls for projects under Horizon 2020. The European Commission also launched an interim EOSC Governance to prepare the strategic orientations for the EOSC implementation post-2020.

- 2021-2030

The current phase of implementation (2021-2030), is taking place in the context of the European Co-programmed Partnership for EOSC launched at the Research and Innovation Days 2021.

The Work Programme and priorities are defined according to the Strategic Research and Innovation Agenda (SRIA) which is co-developed with the entire EOSC community. EOSC is transitioning to a more stakeholder-driven approach with a shared vision, common objectives and complementary contributions at European, national & institutional levels.

A co-investment (with in-kind and financial contributions) by the EU and non-EU partners of at least €1 billion is foreseen through 2027. The EOSC Association and the Commission are engaged in a process to define the EOSC evolution and operations post-2027, including considerations of governance, funding and the future of the EOSC Partnership.

Key Assets: The Macro-Roadmap

The Macro-Roadmap for the implementation of EOSC is a visual mapping of the results of EU projects developing EOSC and the in-kind contributions of EOSC Association member organisations. In the following link, you will see the EOSC Implementation 2021-2026: https://eosc.eu/macro-roadmap/

Members

The Association is comprised of Members and Observers. They must:
- Be a legal entity established in accordance with the laws and customs of the country of origin or be constituted as an intergovernmental organisation pursuant to an international treaty in accordance with principles of international law. They cannot be a department of national governments or ministries;
- Confirm in writing that they embrace and endorse the vision of the Association and adhere to its values;
- Have a substantial and significant interest in, and potential contribution to or impact on, EOSC;

Fall into one or more of the following categories of organisations: a. Research funding organisation; b. Research performing organisation; c. Service providing organisation; d. Other organisation.

All Members should have a presence in an EU Member State or Associated Country, or any other country associated with the EU Framework Programme for Research and Innovation. Observers may be established outside this area. Each Member State or Associated Country that has one or more organisations that are Members of the Association may appoint one Member to act as its Mandated Organisation, to represent national interests. In addition, the EIROforum is permitted to mandate one of its members to represent the views of the Forum. Mandated Organisations can fall into any member category. The General Assembly is the supreme authority of the Association and is composed of one Delegate per Member with voting rights and one Representative per Observer without voting rights.

Events

- EOSC Symposium 2024: EOSC Symposium 2024 will take place under the patronage of the German Minister for Education and Research Bettina Stark-Watzinger. The event is being organised by the EOSC Association, the EOSC-A German Mandated Organisation, NFDI, the ZBW – Leibniz Information Centre for Economics, an EOSC-A Member, and with the support of the Horizon Europe project EOSC Focus. In order to capitalise on the synergies between the EOSC and NFDI communities, NFDI will hold a meeting with representatives of its community and other relevant stakeholders back-to-back to the EOSC Symposium to facilitate collaboration between the target groups. The EOSC Symposium 2024 will be hosted in Berlin at the H4 Hotel Alexanderplatz. Link available here.