National Initiatives for Open Science in Europe

Ευρωπαϊκό Νέφος Ανοικτής Επιστήμης: αλλάζοντας το τοπίο της έρευνας στην Ευρώπη

Ελένη Τόλη
Ερευνητικό Κέντρο ΑΘΗΝΑ
NI4OS-Europe Project Director

Open Access – Open Science in EU

Open Access as a major priority in EU science policies

- 2007 – 2008: FP7 – Open Access pilot in publications

- 2013 – 2014: H2020 – Open Access mandatory for publications
  - Opt-out possibility
  - Pilot for Open Access to research data

- 2017: H2020 – Research data are OA by default for publications
  - Opt-out needs to be justified

- 2021: Horizon Europe – From Open Access to Open Science
  - Immediate OA to publications (→ Open Research Europe)
  - FAIR, ORDM

  European Open Science Cloud

EOSC Vision

… a virtual environment with free at the point of use, open and seamless services for storage, management, analysis, and reuse of research data, across borders and scientific disciplines
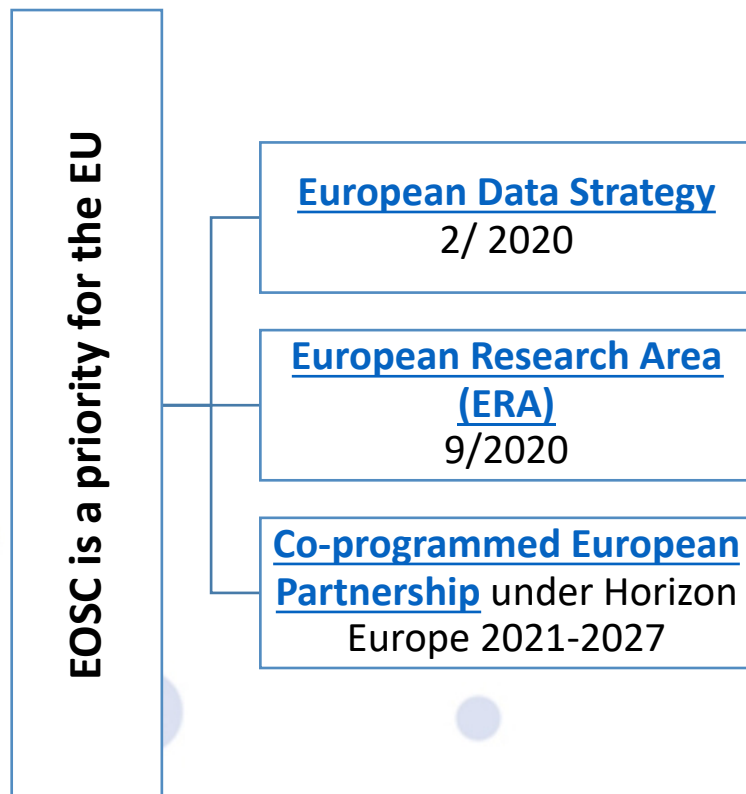
European Cloud Initiative (ECI), (COM(2016) 178final), p.6; Part of the Digital Single Market Strategy

EOSC: from vision to reality

Milestones From EOSC vision to the reality

2015	Digital Single Market Strategy | [Link]
2016	European Cloud Initiative | [Link]
2017	EOSC Declaration | [Link]
2018	EOSC Implementation Roadmap | [Link]
2019	EOSC Strategic Implementation plan | [Link]
2020	EOSC Association | [Link]

...deploy a European Research Data Commons where data are findable, accessible, interoperable and reusable (FAIR), and also as open as possible

EOSC: a priority

EOSC is a priority for the EU

European Data Strategy
2/ 2020

European Research Area (ERA)
9/2020

Co-programmed European Partnership under Horizon Europe 2021-2027

European Data Strategy

- by 2025 deploy EOSC operations to serve EU researchers.
- from 2024 open up, connect and articulate EOSC beyond the research communities, with the wider public sector and the private sector.

European Research Area

- One of the 14 actions introduced in the ERA Communication consists of ensuring an EOSC that is offering a web of FAIR data and related services.

EOSC Governance up to Dec. 2020

Governing bodies

EOSC Governance Board

- representatives from EU countries, countries associated with Horizon 2020 and the Commission
- ensures effective supervision of the EOSC implementation.

EOSC Executive Board

- representatives from the research and e-infrastructures communities.
- ensures the implementation and accountability.

EOSC Stakeholder Forum

- facilitate by the EOSCsecretariat is formed by representatives from a wider range of actors, tasked to provide input and recommendations through events and online consultation mechanisms.
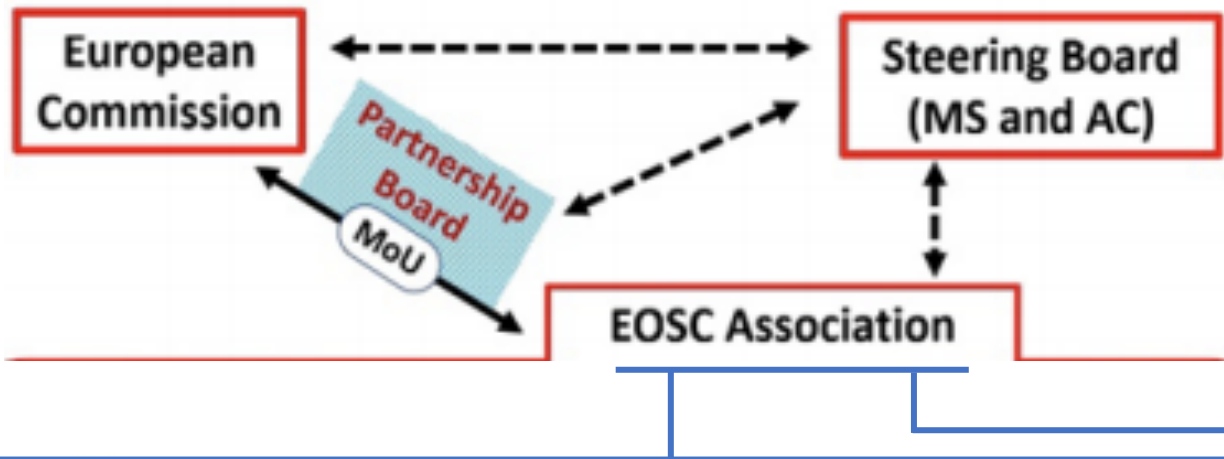
Working Groups

Landscape	FAIR
Architecture	Rules of participation
Skills and Training	Sustainability

Current EOSC Governance

Governance of the Partnership

Establishment of legal entity on 29th of July 2020: EOSC Association
4 founding members: GÉANT, CESAER, CSIC and GARR
Inaugural annual GA on 17th December 2020:
- o Board of Directors
- o President & Chair of the board
Website: https://www.eosc.eu/
Statutes: https://www.eosc.eu/sites/default/files/EOSC_Statutes.pdf
MoU: https://eosc.eu/sites/default/files/20210215_EOSC_MoU_FinalDraft.pdf

General Assembly (GA)

- • Is the supreme authority of the Association.

Board of Directors

- • The President is the Chair of the Board.
- • The Board is appointed by Delegates of the GA

Secretary General

- • The Secretary General is entrusted with the day-to-day management of the Association, leads the Secretariat.

Operational & Advisory Bodies

- • Working groups and task forces to address issues or concerns relating to the mission and operations of the Association.

Members of EOSC

Members

- Must be a legal entity.
- Cannot be a department of national goverments and ministries.
- Should have a presence in an EU MS or AC, or any other country associated with the EU Framework Programme for Research and Innovation.
- So far 119 Members.

Observers

- Must be a legal entity.
- Cannot be a department of national goverments and ministries.
- May be established outside this area.
- So far 48 Observers.

Mandated Organisations

- Each MS or AC that has one or more organisations that are Members of the Association may appoint one (1) Member to act as its Mandated Organisation, to represent national interests.
- So far 20 Mandated Organisations

Are you interested in applying?

https://eosc.eu/form/join-eosc-association

Core tasks of the EOSC Association

Coordination and alignment:

Aligning EOSC federated resources through a common Strategic Research and Innovation Agenda (SRIA).

Monitoring and reporting:

Implementation of EOSC activities and progress achieved towards the EOSC Partnership Proposal.

EOSC technical guidance:

Steer consensus building and uptake of best practices, common standards, tools and services needed to enable the Web of FAIR data.

FAIR training:

Promote FAIR training and education resources supporting new roles and responsibilities.

Communication:

Act as the European source of information within the EOSC ecosystem, complementing the policy communication by the Commission and the MS.

NI4OS-Europe aims & contribution to EOSC

Support the development and inclusion of the national Open Science Cloud (OSC) initiatives in 15 Member States and Associated Countries in the overall scheme of EOSC governance

Spread the EOSC and FAIR principles in the community and train it

Provide technical and policy support in on-boarding of the existing and future service providers into EOSC

- **Build** 15 National Open Science Cloud (OSC) Initiatives & enabling them to support the overall EOSC governance and the related EOSC coordination structure

- **Facilitate** the on-boarding to EOSC of existing infrastructures and state-of-the-art services

- **Enable** the EOSC-relevant, non-commercial services to be accessed through the EOSC portal

- **Develop** technical, organizational and legal guidelines, tools & mechanisms, to support implementation of ORDM and FAIR

- **Ensure** the engagement of the targeted communities and validate the onboarding solutions

Thank you very much!

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