European Commission

The member states' current perspective on EOSC and decisions taken during the European Tripartite Event

eosc | Steering Board

Volker Beckmann
EOSC-SB co-chair
French Ministry for
Higher Education and Research

MINISTÈRE
DE L'ENSEIGNEMENT
SUPÉRIEUR
ET DE LA RECHERCHE
Liberté
Égalité
Fraternité

#EOSC #EOSCTripartite
#OpenScience #EUResearchArea

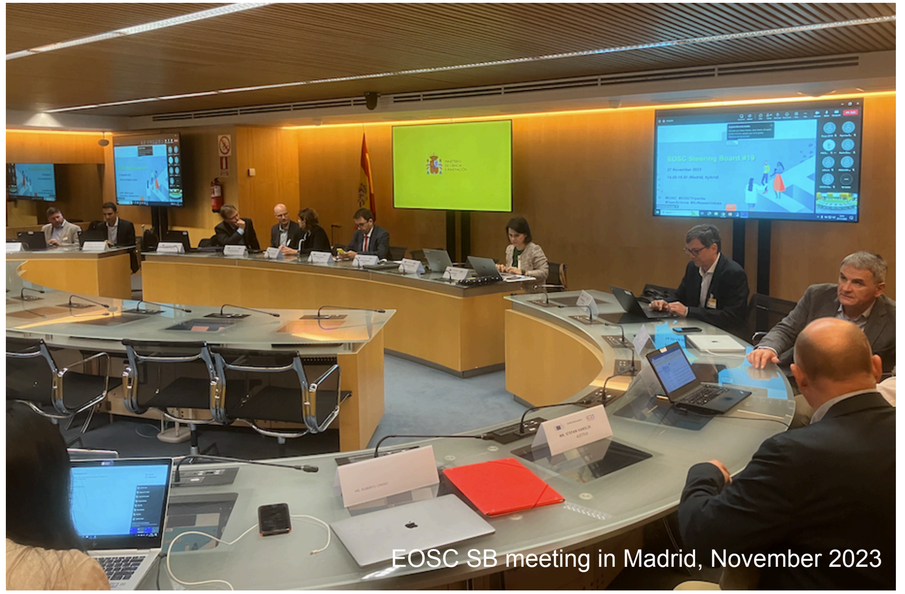
7 November 2024

Research and Innovation

Who we are and what we do

The EOSC Steering Board (since 03/2021):

- Commission Expert Group
- Representatives of 27 Member States and
  13 Associated Countries of Horizon Europe
- Dorá Pivarcsiné Fekete (NRDIO) represents Magyarország in the EOSC-SB
- co-chaired between EC and countries' representatives since 02/2022
- Represent the interests of the MS/AC in the EOSC governance
- Address policy issues relevant for the development of EOSC
- Ensure information flow between EOSC governance and ministries
- Interconnect with other relevant initiatives/programmes on EU level
- Meet ~6 times per year
- Advance work in subgroups (Monitoring, Policies, …)



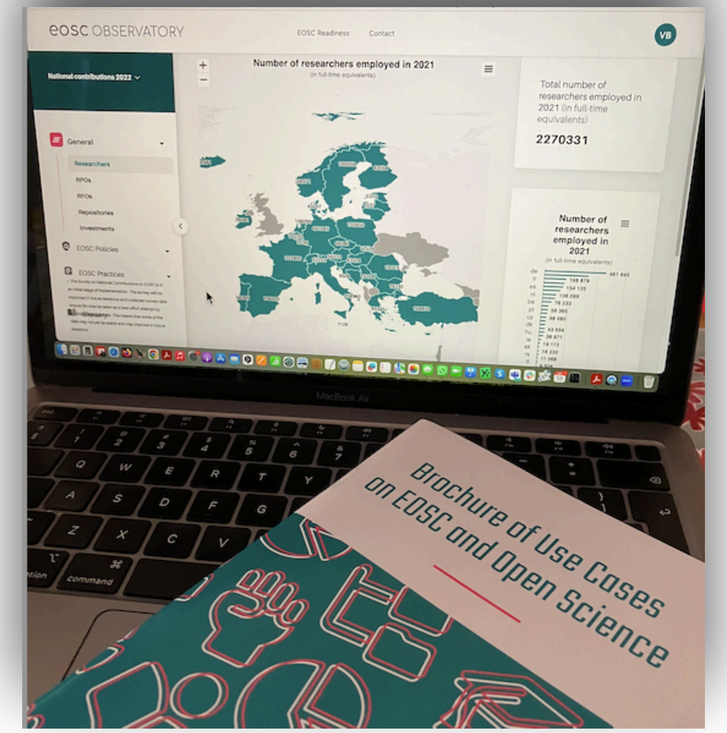
EOSC SB meeting in Madrid, November 2023

Monitoring EOSC and Open Science

EOSC Steering Board

EOSC Steering Board Survey 2023:

- Focus on Policies and Practices (e.g. investment, monitoring) and Use cases
- Survey launched 01/2024, analysis about to be finalised
- 32 countries replied and validated
- 2659 data points, 83/96 questions answered on average
- 63% of the countries have a national policy on Open Science (e.g. the NKFIH Position paper on Open Science)
- 479 M€ total investment into EOSC and Open Science in 2022
- Brochure of Use Cases on EOSC and Open Science (includes the Hungarian Senior Family Dog Project) : https://zenodo.org/records/10822698
- 2023 survey data available and soon visible in the EOSC and Open Science Observatory (2021, 2022, and 2023 survey data)
- New look of the Observatory coming soon



Data of Survey on National Contributions to EOSC and Open Science 2023: https://zenodo.org/records/13950727

EOSC-SB opinion paper on monitoring Open Science: https://op.europa.eu/s/yPih

EOSC and Open Science Observatory publications in Zenodo: https://zenodo.org/communities/eoscobservatory

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Monitoring EOSC and Open Science

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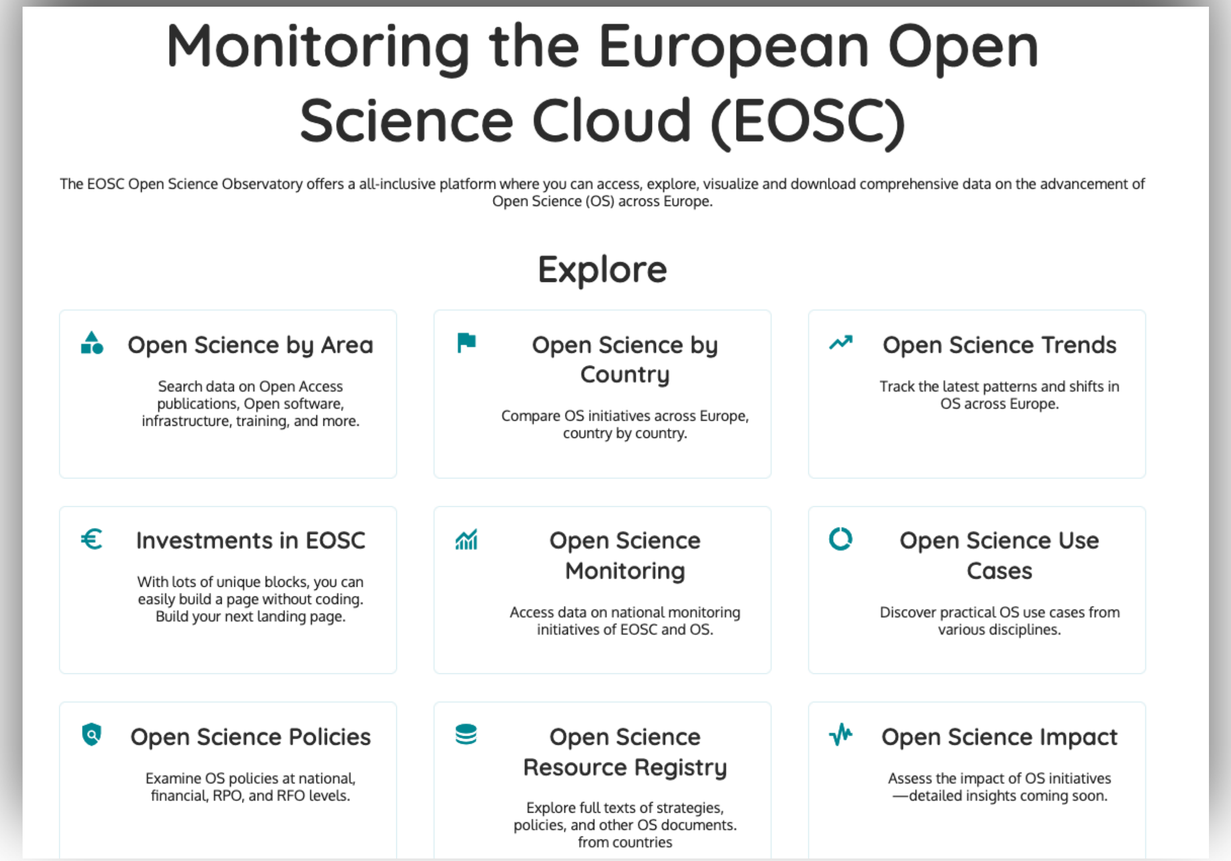

Monitoring the European Open Science Cloud (EOSC)

The EOSC Open Science Observatory offers a all-inclusive platform where you can access, explore, visualize and download comprehensive data on the advancement of Open Science (OS) across Europe.

Explore

Open Science by Area
Search data on Open Access publications, Open software, infrastructure, training, and more.

Open Science by Country
Compare OS initiatives across Europe, country by country.

Open Science Trends
Track the latest patterns and shifts in OS across Europe.

Investments in EOSC
With lots of unique blocks, you can easily build a page without coding. Build your next landing page.

Open Science Monitoring
Access data on national monitoring initiatives of EOSC and OS.

Open Science Use Cases
Discover practical OS use cases from various disciplines.

Open Science Policies
Examine OS policies at national, financial, RPO, and RFO levels.

Open Science Resource Registry
Explore full texts of strategies, policies, and other OS documents. from countries

Open Science Impact
Assess the impact of OS initiatives —detailed insights coming soon.

eosc track
BUILDING THE EUROPEAN OPEN SCIENCE OBSERVATORY

OpenAIRE

European Commission

EOSC Track on Zenodo : https://zenodo.org/communities/eosctrack/ EOSC Track project page: https://www.openaire.eu/eosc-track-project
EOSC Track has received funding from the European Union's Horizon Europe Research and Innovation programme under Grant Agreement No. 101148217

Monitoring EOSC and Open Science

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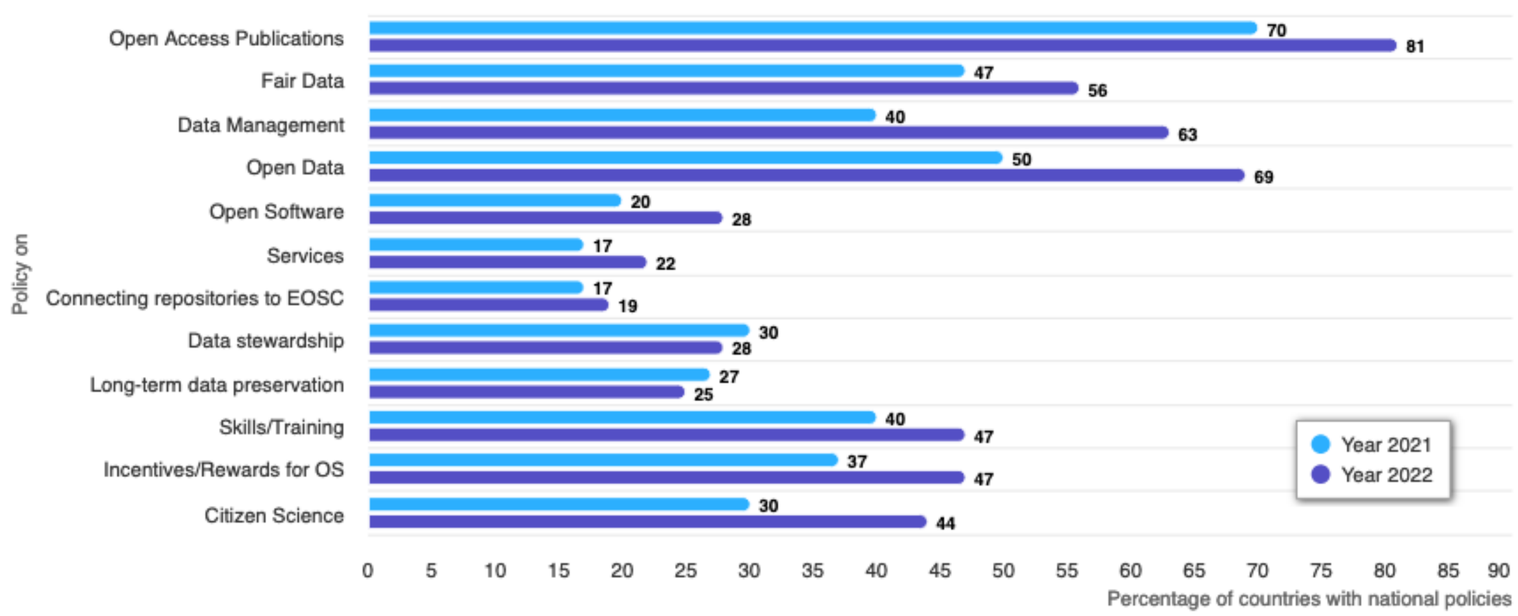
Trends in National Open Science Policies by Areas



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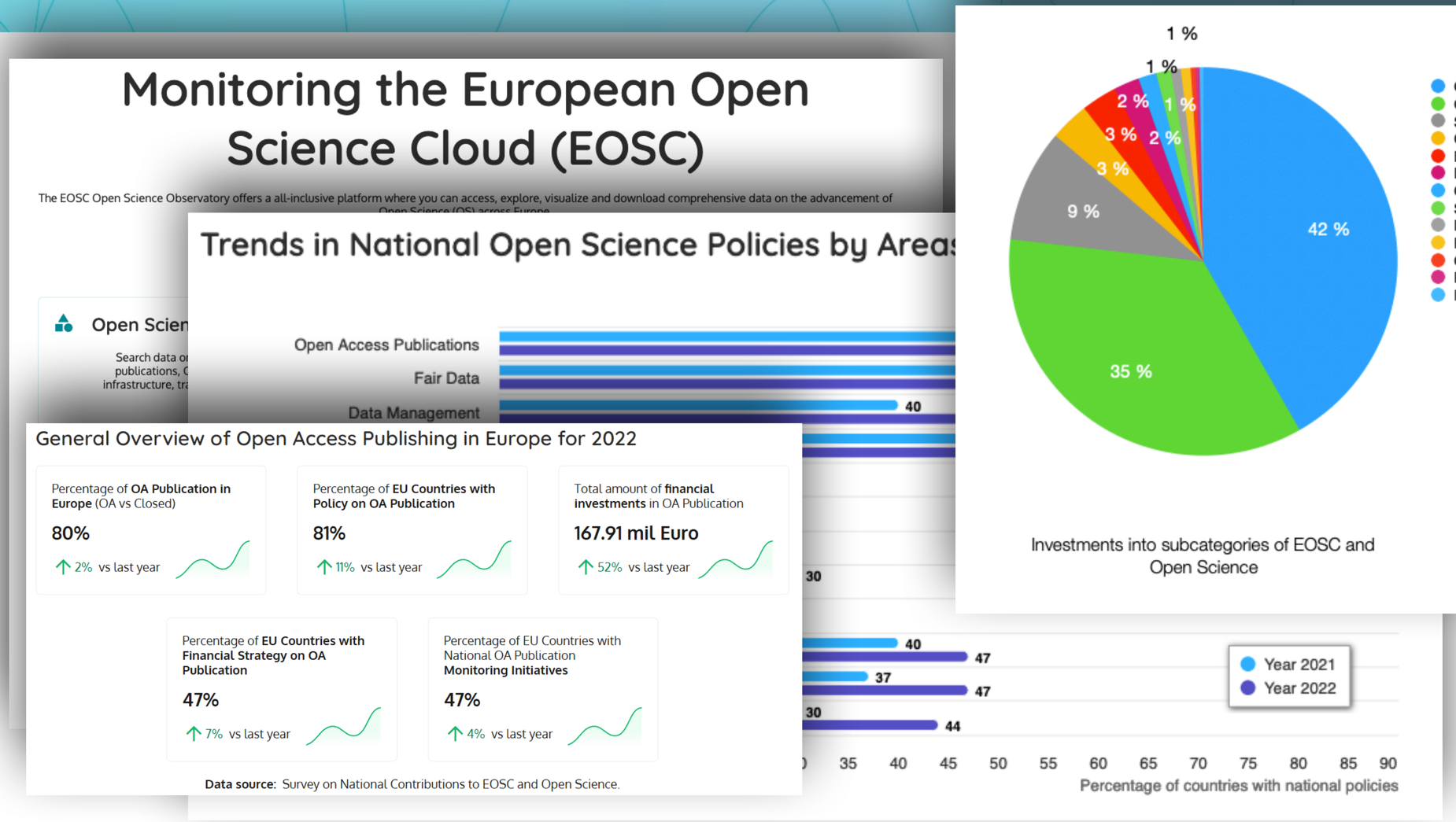

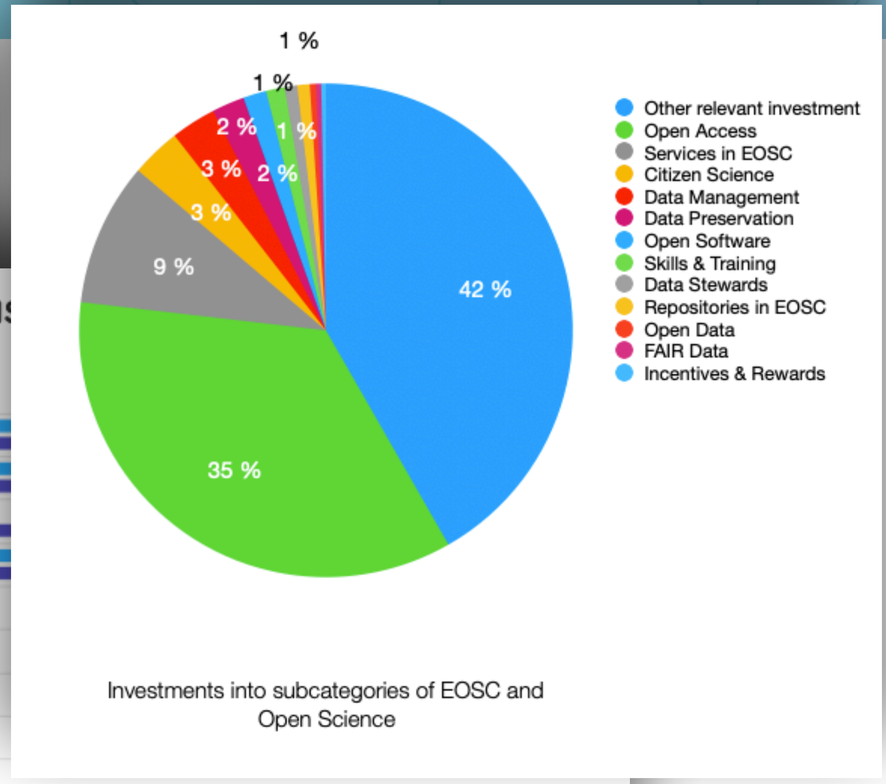

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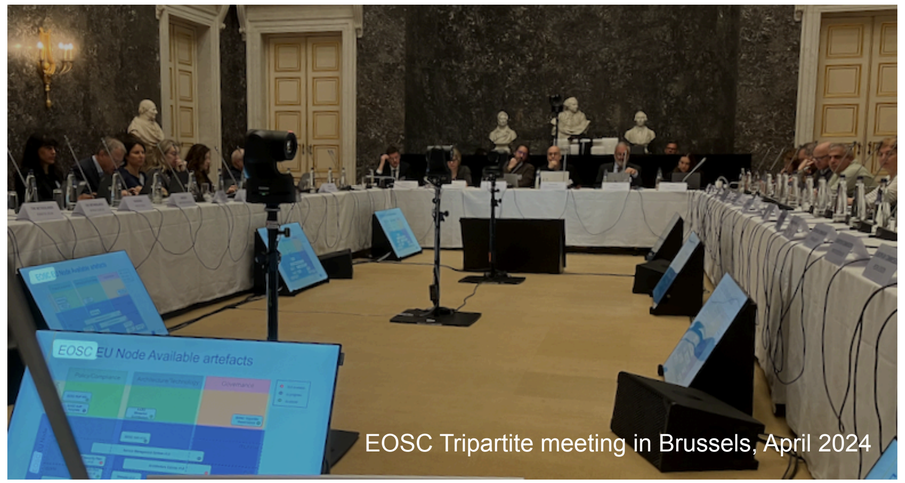
EOSC: What needs to change ?

- Co-programmed partnership under Horizon Europe until the end of 2027
- the core of EOSC has been based on projects (EOSC-hub, EOSC Future) and the same applies to the development of EOSC (H2020 & Horizon Europe INFRA-EOSC): difficulty in providing persistent services
- under Horizon Europe, EOSC is a contract between the Commission and the EOSC association: the responsibility of the Member States and associated countries is rather limited
- contribution to EOSC by members of the EOSC Association on a best effort basis, the EOSC Marketplace was more a catalogue of services than a platform of services (this should change in the EOSC Federation).
- the wider impact of EOSC needs to be demonstrated



EOSC Tripartite meeting in Brussels, April 2024

EOSC Federation

- Next step towards a more tangible EOSC
- EOSC EU Node + a large number of thematic and infrastructure nodes at national, regional and international level
- Make EOSC project results available to all researchers — beyond the projects' duration
- Providers in the EOSC Federation benefit from the increased visibility, collaboration, support, sustainability and influence
- New users, new research opportunities
- Fully in line with countries' perspective: maximise return on investment into research, share and pool resources (FAIR data, services, e-infrastructures)

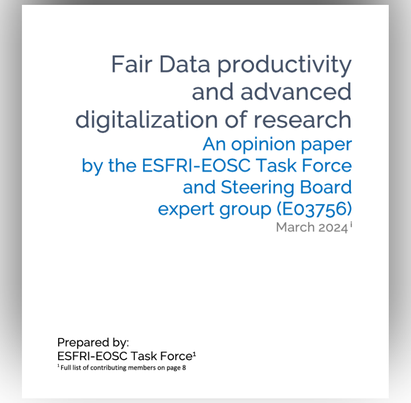
EOSC Federation : next steps

- Shortlist of ~25 potential nodes, among them HUN-REN (07/11)
- interviews with potential nodes (November/December)
- integration of ~13 nodes into the federation (early 2025)
- Build the EOSC Federation
- Consider providing your FAIR research data and services through the EOSC Federation to enable new research opportunities
- Demonstrate the added value of EOSC
- Agree on a governance and funding model for EOSC under FP10 (after Horizon Europe)
- Better connections with other European data spaces

Accelerating EOSC with and for RIs

EOSC | Steering Board

- Largest research data providers: research infrastructures
- ESFRI-EOSC Task Force to reduce fragmentation of the research data landscape and increase FAIR research data productivity in Europe
- January workshop by the ESFRI-EOSC Task Force
- Opinion paper (TF + SB) : FAIR Data productivity and advanced digitalization of research
- Next workshop in November on “Prototyping the EOSC Federation Nodes and Linkages”



European Commission

EOSC beyond Horizon Europe

- post-2027
- What structure, governance, financial model shall be in place for EOSC ?
- Tripartite, more permanent solution for the core of EOSC (e.g. legal entity to ensure continued service), stronger engagement of member states / associated countries
- Discussion in the context of the 10th framework program negotiations — and in view of the overall landscape (e.g. Letta report, Draghi report)
- Intensify exchange on these points at EOSC-SB to deliver recommendations in ~spring 2025

EOSC Steering Board

- Monitoring: all dimensions of Open Science — providing a complete picture through the EOSC and Open Science Observatory
- Policies: FAIR Data productivity and advanced digitalization of research
- ESFRI - EOSC task force: strong link to research infrastructures >>> recommendations and actions
- EOSC Federation: tangible web of FAIR research data and services with strong support from the countries
- EOSC after Horizon Europe: governance and financial structure, key discussion and recommendation by mid-2025
- EOSC Steering Board changes gears to accelerate EOSC at EU and at national level

Merci !

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