EOSC Steering Board

Perspectives on EOSC: the member states' view

#EOSC #EOSCTripartite
#OpenScience #EUResearchArea

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Research and Innovation

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Participating in the Digital Transition: a necessity

- Fast increasing need for being able to treat (FAIR*) data, provide services and e-infrastructures for all scientific domains and across domains.
- Sharing research results (publications, data, software, services, …) openly
  = **optimise the return of investment into research**
- We entered the "Digital Decade"
- Progress is only possible if data (and **services**) are FAIR-by-design
- Sharing and concentration of resources is key (Human resources, e-infrastructures, financing, ...)
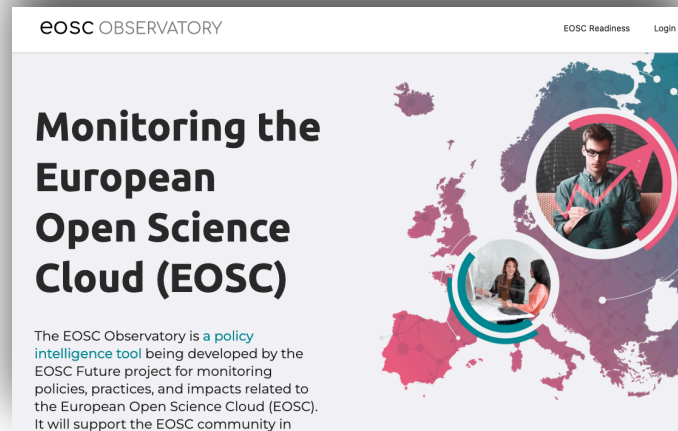
*FAIR : Findable, Accessible, Interoperable, Reusable

European Commission

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A Europe fit for the digital age

Digital Transition : how to proceed?

- Policies : development on national and international level
- Examples for policies at EU level : Data Act, Data Governance Act, Digital Services Act, …
- ERA Policy Agenda
- Examples for policies at national level : NPOS document on Open Science (NL), Piano Nazionale Scienza Aperta (IT), Plan National pour la Science Ouverte (FR), US memorandum "Ensuring Free, Immediate, and Equitable Access to Federally Funded Research"
- European Data Spaces (Health, Industrial & Manufacturing, Agriculture, Finance, Mobility, Green Deal, Energy, Public Administration, Skills)
- EOSC as the European transverse data space

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- *EOSC-SB Opinion Papers* 2022:
  - EOSC and data literacy,
  - EOSC and commercial partners,
  - EOSC Sovereignty on FAIR Data,
  - Monitoring Open Science
- EOSC-SB Statement 2022

- Launch of the EOSC Observatory
- 19/01/2023: launch of the second EOSC-SB survey on national contributions to Open Science and EOSC
- covering a wide range of policies, investments and impacts related to EOSC and open science.

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Monitoring the European Open Science Cloud (EOSC)

The EOSC Observatory is a policy intelligence tool being developed by the EOSC Future project for monitoring policies, practices, and impacts related to the European Open Science Cloud (EOSC). It will support the EOSC community in

EOSC status

EOSC 2023

- ☆ Stakeholders identified and engaged

- ☆ Significant investment by European Commission to develop EOSC solutions

- ☆ Commitment of member states to support Open Science & EOSC

- ☆ Vital interest to have Open Science, FAIR & Open data / service, sharing resources

- ☆ Examples of EOSC in practice have been established (for example Covid-19 data portal)

- ☆ EOSC Core & Exchange (i.e. the portal and the marketplace) established and to be further accelerated through the EOSC procurement action

EOSC next steps for success

★ Clearly identifiable advantage of EOSC for different research communities >>> catalogue of EOSC use cases, to be updated following the 2022 EOSC-SB survey

★ For example: possibility to establish workflows involving data-services-infrastructures >>> EOSC procurement action

★ We need to talk about e-infrastructures >>> work with e-IRG, EOSC-ESFRI collaboration

★ Necessity to align EOSC >>> need to work with DG-CNECT on alignment, but also on inter-ministerial level (e.g. GAIA-X)

EOSC next steps for success

⭐ Need to continue and expand EOSC under FP10*

⭐ Continue with the three parties involved: Users and service providers (EOSC-Association), European Commission (DG-CNECT, DG-RTD), and member states / associated countries (EOSC Steering Board) >>> continue current government model**

⭐ Stronger commitment — from member states but also from research performing organisations (the permanent positions to build EOSC are here!) >>> move from a co-programmed partnership to a more binding form**

EOSC next steps for success

★ development at European level needs to be accompanied by actions at national and institutional level

★ don't wait for the European Commission and/or the EOSC-Association to implement solutions : continue or get started now at your level of activity

★ common goal to have a web of FAIR data, services, and e-infrastructures

★ sharing resources is key — build the necessary framework

★ member states have a vital interest in EOSC:

EOSC is here to stay — there's no turning back!

Conclusion: member states' commitment

- EOSC-SB engaged to move EOSC forward through policy development and action plans at national level
- Lobby for a rapid development of EOSC and Open Science policies and actions in our countries
- Aim for **tangible results by 2025: institutional, national, European level**
  - integration/federating of e-infrastructures in the EOSC portal
  - strengthening the added value of the EOSC portal
  - European data repositories
- Addressing additional policy issues
- Working closely with the EOSC-Association, the EC and other partners (e.g. ESFRI, e-IRG, EuroHPC, GAIA-X)

EOSC is here to stay — there's no turning back!

Merci !