EOSC Steering Board

The future of EOSC: the member states' view

#EOSC #EOSCTripartite
#OpenScience #EUResearchArea
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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

Digital Transition : how to proceed?

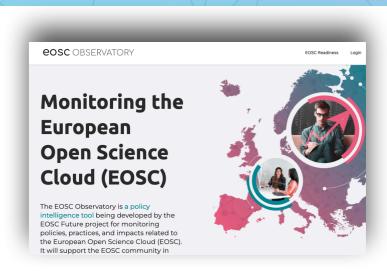- Policies : development on national and international level
- Examples for policies at EU level : Data Act, Data Governance Act, Digital Services Act, …
- Examples for policies at national level : Position Paper on Open Science (HU), Piano Nazionale Scienza Aperta (IT), Plan National pour la Science 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 a 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.

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 requirements for success

☆ Clearly identifiable advantage of EOSC for different research communities

☆ For example: possibility to establish workflows involving data-services-infrastructures

☆ We need to talk about e-infrastructures

☆ Necessity to align EOSC, [EuroHPC](#), [European Data Spaces](#), [GAIA-X](#), … (see e.g. [EOSC and commercial partners](#)) : member states don't want to double-invest, but focus resources and engagement

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**

* FP10: EU's next framework programme for research and innovation following Horizon Europe
** that's my opinion as French delegate to the EOSC-SB

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)

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

Merci !