




The ESFRI-EOSC Task Force



 **eOSC** | **Steering Board**

**#EOSC #EOSCTripartite
#OpenScience #EURResearchArea**
30 November 2023

Research and
Innovation



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

ESFRI-EOSC TF Objectives

- Ensure a structured interface between the ESFRI Forum and the EOSC Steering Board beyond the current ad-hoc cooperation
- Facilitate common and/or complementary strategies for the further uptake of open science practices and the further deployment of the FAIR principles, as well as the accelerated connection of the research infrastructures included in the ESFRI roadmaps and the ERICs in the EOSC federation and the uptake of EOSC horizontal services by these research infrastructures

ESFRI-EOSC TF first topics

- i.* Help reduce fragmentation of the research data landscape in Europe by stimulating the connection of ESFRI RIs and ERICs to the EOSC federation;
 - 1. Suggest specific actions
- ii.* Assist in increasing of FAIR research data productivity in Europe;
 - 1. effective and coherent approaches to FAIRification,
 - 2. preservation and curation of research data acquired and shared through ESFRI RIs and the EOSC federation;
 - 3. coordinated approaches to cross-domain deployment of common tools for depositing, curating and analysing FAIR research data

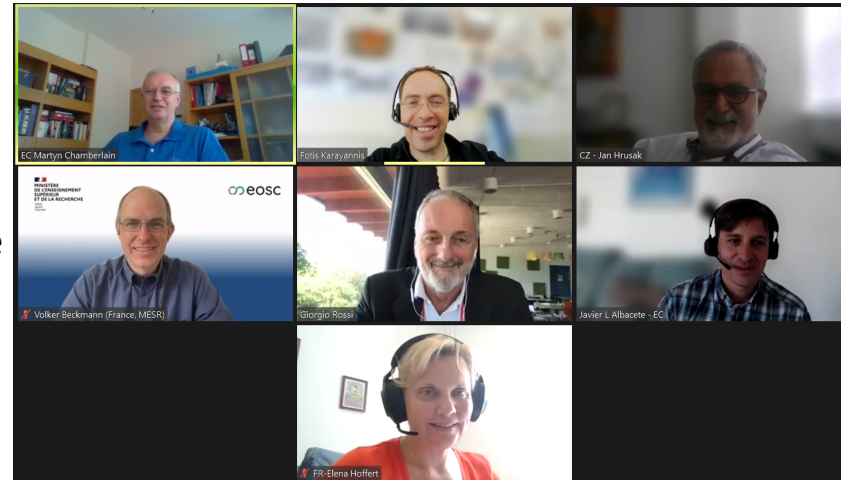
ESFRI-EOSC Task Force: Members and Observers

Until end of 2024:

- 2 members EC: Martyn Chamberlain (EC co-chair), Javier Lopez Albacete
- 2 members ESFRI Forum: Elena Hoffert, Jan Hrušák
- 2 members EOSC SB: Giorgio Rossi, Volker Beckmann (MS co-chair until end of 2023)

Observers:

- ERIC Forum (Jens Habermann),
- the EIRO forum,
- the EOSC Association (Bob Jones),
- the e-IRG (Stefan Hanslik)
- and on a rotational 6-month basis, one representative of European RI networks registered to the ESFRI Stakeholder Forum (Tiziana Ferrari)



ESFRI-EOSC TF Approach

- Analyse current situation — determine the gaps & bottlenecks
- Identify (advanced) key actors
- Highlight successful approaches and solutions
- Provide recommendations and input to policies and programmes

ESFRI-EOSC Workshop (January 2024)

Goals:

1. Analyse the current situation and the perspectives in the productivity of FAIR data sets, with appropriate quality assessment and technical features to make them user and machine actionable for refinement of research results and for new research.
2. Address the opportunities and implications of Artificial Intelligence in research, in connection with FAIR data (training of algorithms and FAIRification).

ESFRI-EOSC Workshop (January 2024)

Questions:

- what is the goal of ideal FAIR data productivity and proper quality-control, in your case (RI and cluster)?
- what is the current FAIR data productivity level in your RI / Cluster (fraction of the newly acquired data that becomes available as FAIR data sets within a given delay)?
- which are the bottlenecks that limit FAIR data productivity in your RI / Cluster (technology, trained manpower, finance, cultural barrier, lack of collaboration/opposition by users...)?
- which services provided by EOSC (either core, central services or services made available by other research communities or service providers) could improve FAIR data productivity?
- how could AI supporting tools/solutions favourably impact FAIR data management?
- how are AI based research protocols impacting/expected to impact your field and your RI/Cluster and what is the role of FAIR data in training/monitoring AI algorithms for the benefit of research?

ESFRI-EOSC Workshop (January 2024)

Participants (invited) :

- EOSC Steering Board members and Policy Subgroup members
- ESFRI-EOSC TF members
- e-IRG experts, EOSC-Association experts, ESFRI-DIGIT SWGs experts
- Speakers (advanced FAIR data producers, experts on AI, ESFRI / ERIC / Clusters)
- DG-RTD & DG-CNECT
- EOSC Association experts

Format :

23/24 January 2024, noon-to-noon

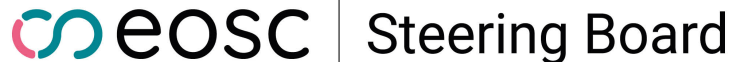
Presentations addressing the questions from ESFRI / ERIC / Clusters point of view:

ESFRI-EOSC Task Force

- Avoid fragmentation and increase FAIR data productivity
- Analyse situation, identify (advanced) key actors, highlight success stories, provide recommendations and policy input

Also on the agenda:

- ESFRIs/ERICs and the EOSC thematic/national infrastructure nodes,
- recommendations for EOSC post-2027





Merci !



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