

2ND EOSC-ESFRI WORKSHOP ON RIs AND EOSC Research Infrastructures shaping EOSC

Virtual meeting
6-7 October 2020

Main conclusions

The workshop was organised by the ESFRI Task Force on EOSC, the EOSC Cluster projects, the EOSC Secretariat and the StR-ESFRI2 Project, in close cooperation with ESFRI and the EC. Around 350 participants were registered, with 260 unique participants during the workshop..

Programme: <https://www.esfri.eu/esfri-events/2nd-esfri-ris-eosc-workshop-research-infrastructures-shaping-eosc?qt-event=0#qt-event>

The workshop was centred around thematic Research Infrastructures (RIs).

- The thematic RIs and their communities are key stakeholders for EOSC, its uptake and sustainability.
 - RIs as providers of thematic quality data and services.
 - RIs as users of EOSC horizontal data and services.
- The broader the federation of thematic RIs in EOSC and the uptake of horizontal services, the better the chances for EOSC to be sustained in the longer term.
- The RI community can also drive data quality and lead the change of culture towards open science.

Main outcome of the workshop presented in the close out session:

- The user-centric and co-creation aspects of EOSC were key point throughout this workshop.
 - The thematic RIs as key stakeholders have to be better engaged in the EOSC developments.
 - The EOSC concept & priorities have to be developed in close collaboration with RIs
 - It has to be ensured that EOSC addresses the actual research community needs. Either a strong forum or a role in governance is needed to solicit user / research community needs & inputs
- A consensus on an interoperable metadata framework is needed and shall be agreed with other key stakeholders such as the Research Data Alliance (RDA). This is essential in order to ease federation with national/thematic infrastructures.
- Collaboration with the HPC and EuroHPC community is very important for the future.

- Better communication by the EOSC Governance on its new legal entity (EOSC Association), the related developments and participation benefits, obligations and prospects are required, including the participation options and membership fees. This can ease the participation of RI-related stakeholders.
- The EOSC cluster projects cover large thematic domains, which are essential building blocks in the EOSC ecosystem. Clusters are mini EOSCs, acting both as producers and consumers of data and services, and are interacting with horizontal providers at national/regional/European level. Sustainability of their services is key and needs to be planned for the next phase.
 - They have to be expanded and enlarged to the long tail of science. Federation of their services plays a crucial role and still requires a lot of effort for which several technical details still need to be resolved.
- The national building blocks of both thematic and horizontal infrastructures and engagement of related Research Performing Organisations (RPOs) are key for the success of EOSC.
- EOSC users are very important and act as a KPI for the uptake and success of EOSC. End users have to find clear added value when using EOSC and this needs to be evident constantly during the design, development, operation and renovation of services.
- Clear recognition of the existing expertise within RIs, and their strong will to exchange experiences and knowledge (across RIs, disciplines and at a national/international level) can contribute shaping EOSC into a valuable concept for end users.
- ***The conclusions clearly showed that the key messages of the ESFRI White Paper in section 2.5 on “High quality open research data and the role of ESFRI in EOSC” are key for creating added value, promoting its uptake and sustaining EOSC (see below):***
- ***ESFRI White PAPER...***

KEY MESSAGES

ESFRI will continue to support the development of a European Open Science Cloud and the close connection of RIs to EOSC with increased FAIR and open data sharing and availability to stimulate inter-disciplinary and transdisciplinary research to achieve the societal goals. Horizon Europe should continue to support such developments.

The EC, the MS/AC and EOSC are invited to take full advantage of the well performing best practices in data management, storage and curation implemented at RIs at the ESFRI Roadmap that already implement FAIR and Reproducibility criteria for data, which operate them through open access portals and which can contribute to achieving the EOSC's long-term goal of research data interoperability.

The EC, the MS/AC and the RIs are invited to take account of the vital need for data professionals in their education and innovation activities and to consider supportive measures at an appropriate scale.