

EOSC: What Role For Libraries In EOSC

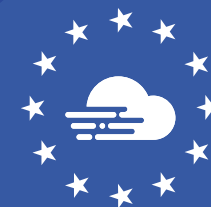
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Date 211015

10th Unica Scholarly Communication Seminar



**EUROPEAN OPEN
SCIENCE CLOUD**

Where do we come from?

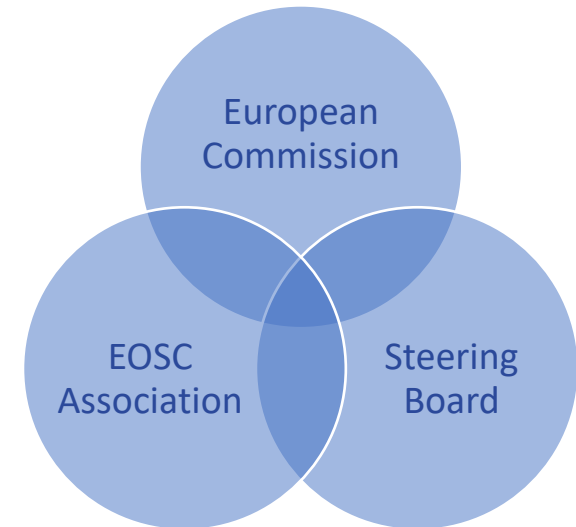
- ★ The shared vision between the EC, MS&AC and a large community
- ★ The decision of the governing bodies to institute a Co-programmed Partnership as the best instrument to collectively achieve this vision



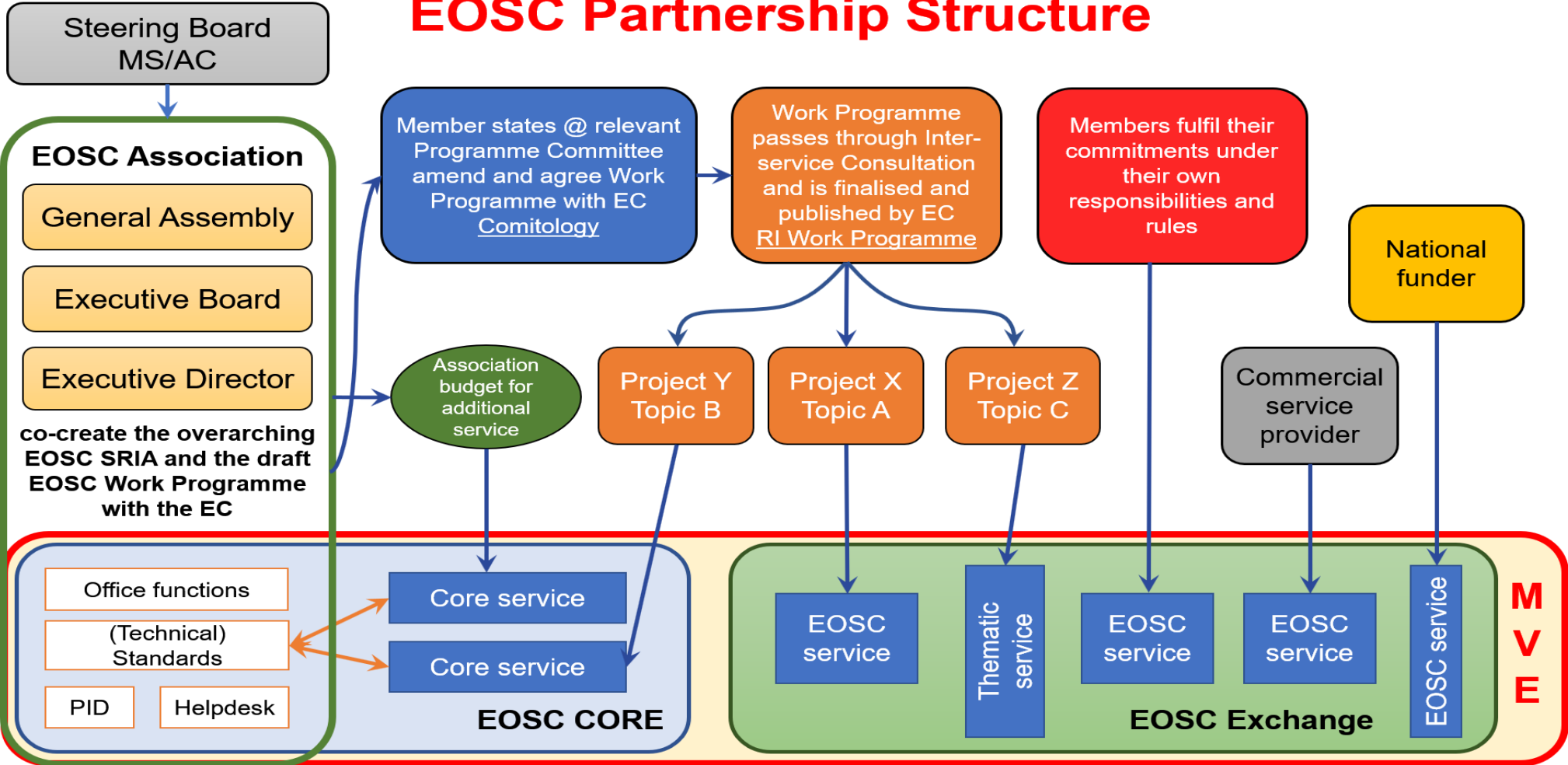
EOSC Governance Model 2021-2027

The new governance model agreed with EU countries for the next EOSC implementation phase after 2020 will be tripartite including:

- ★ The EU represented by the **Commission**
- ★ The European research community represented by the **EOSC Association**
- ★ EU countries and countries associated with Horizon Europe represented through a **Steering Board** to be set up in 2021 outside of the EOSC Association



EOSC Partnership Structure



The EOSC Association

Mission: *Advancing Open Science to accelerate the creation of new knowledge, inspire education, spur innovation and promote accessibility and transparency*

- ★ To provide a single voice for advocacy and representation for the broader EOSC stakeholder community.
- ★ To promote the alignment of European Union research policy and priorities with activities coordinated by the Association.
- ★ To enable seamless access to data through interoperable services that address the entire research data life cycle, from discovery to storage, management, analysis and re-use across borders and scientific disciplines

Status: AISBL*

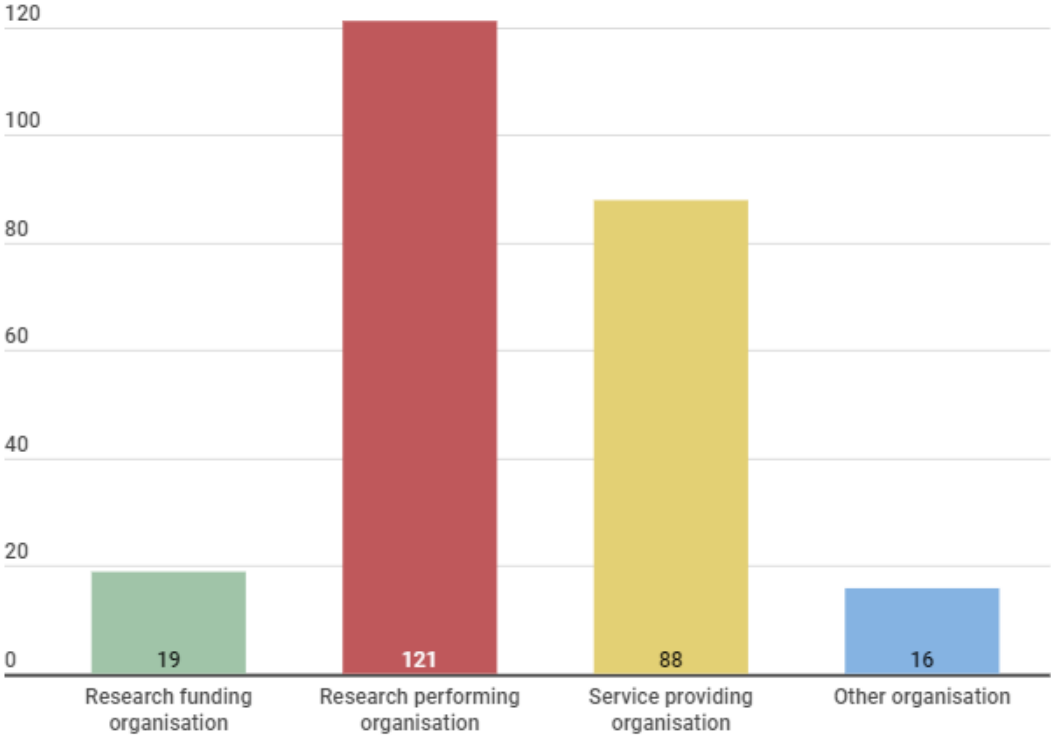
- ★ Formed in July 2020 by founding members CESAER, GÉANT, CSIC and GARR
- ★ Members are relevant stakeholders in the EOSC ecosystem
- ★ Research funders, service providers, representatives of the research community, and intergovernmental organisations

*international non-profit association under Belgian law

EOSC membership by type and status

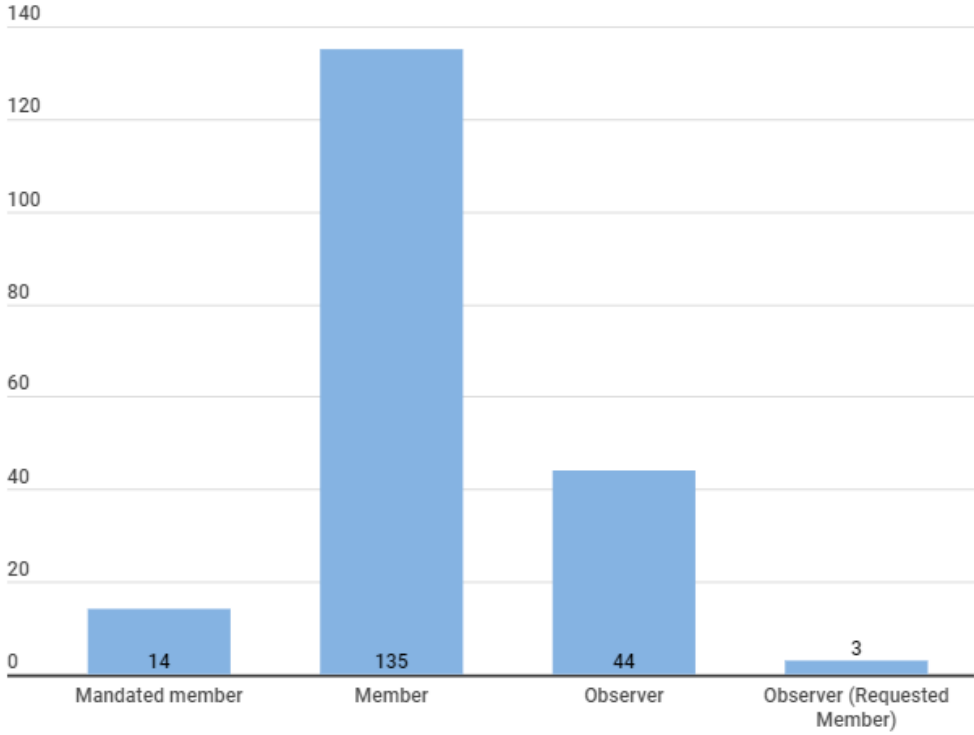
Type

(Organisations can fall under multiple categories)



Predominance of research performing organisations & service providers

Status

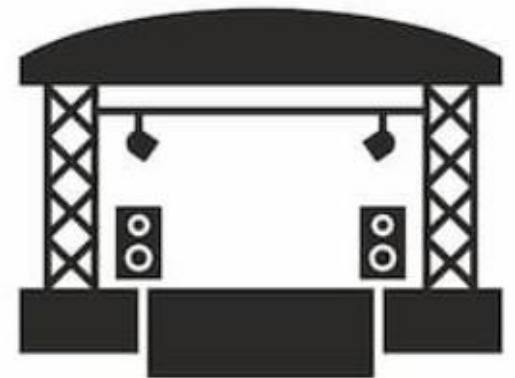


196 organisations registered

(As of December 2020)

“A web of scientific insight”

- ★ Web of FAIR data and related services
- ★ Federation of relevant existing and future services
- ★ Virtual space where science producers and consumers come together
- ★ An open-ended range of content and services
- ★ Quality mark « Data made in Europe »



Priorities for EOSC implementation Stage 1 2021-2022

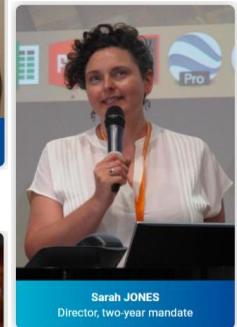
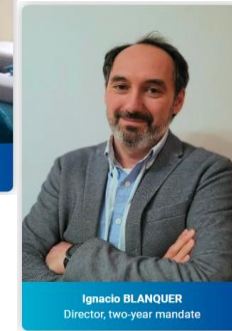
- ★ Ensure that Open Science practices and skills are rewarded and taught, becoming the new normal
- ★ Enable the definition of standards, and the development of tools and services, to allow researchers to find, access, reuse and combine results
- ★ Establish a sustainable and federated infrastructure enabling open sharing of scientific results

What are the EOSC Association Task Forces?

- A structure to allow Association members and others to help steer the implementation of EOSC
- Groups should liaise with EOSC projects and offer feedback
- Identify strategic gaps and areas for investment to input to SRIA
- Advisory Groups are an “umbrella” for a set of TFs that are highly related and have the same EOSC-A Liaison person

Board directors as liaisons at AG level

- Implementation of EOSC – Suzanne Dumouchel
- Technical challenges on EOSC – Ignacio Blanquer
- Metadata and data quality – Sarah Jones
- Research careers & curricula – Wilhelm Widmark
- Sustaining EOSC – Bob Jones



Advisory Group & Task Force topics

1. Implementation of EOSC

- 1.1. PID policy and implementation
- 1.2. Researcher engagement and adoption
- 1.3. Rules of Participation (RoP) compliance monitoring

2. Metadata and data quality

- 2.1. FAIR metrics and data quality
- 2.2. Semantic interoperability

3. Research careers and curricula

- 3.1. Data stewardship curricula and career paths
- 3.2. Research careers, recognition and credit
- 3.3. Upskilling countries to engage in EOSC

4. Sustaining EOSC

- 4.1. Defining funding models for EOSC
- 4.2. Long-term data preservation

5. Technical challenges on EOSC

- 5.1. AAI Architecture
- 5.2. Infrastructure for quality research software
- 5.3. Technical interoperability of data and services



Advices to Libraries on how to engage in EOSC

- ★ Position themselves within research institutions as core partners to engage in EOSC
- ★ Create specific EOSC workinggroups within your networks
- ★ Partner with computer services to provide new services
- ★ Research libraries should intruduce new staff roles to adress research data management such as data stewards, data curators and data librarians

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- ★ Develop training programmes on research data management
 - ★ Continue to guarantee the provision of content with high-quality metadata
 - ★ Research libraries could be a key to connecting EOSC with core user communities

Any questions?



Thanks!