ERIC Forum and EOSC-A Perspectives for a closer collaboration

26th January 2022

Ute Gunsenheimer
Secretary General, EOSC Association AISBL
Today’s Topics

- Up-date on the EOSC Association and its member base
- The Horizon Europe co-programmed EOSC Partnership - Governance, Actors, Funding
- Collaboration proposal
Evolving EOSC Governance

Initial EOSC Governance

2019/20
Evolving EOSC Governance

Initial EOSC Governance

2019/20

EOSC Association AISBL

29.07.2020
Evolving EOSC Governance

Initial EOSC Governance
- 2019/20

EOSC Association AISBL
- 29.07.2020

Co-programmed EOSC Partnership
- 23.06.2021
AISBL: Transition into full operations

- Publication in Moniteur Belge
- Establishment of EOSC-A as Belgian employer
- Clarifying VAT status (survey among members)
- Invoicing membership fees
- Selection of service providers
- Hiring of staff
EOSC Association Member Base

234 organisations, consisting of 161 Members and 73 Observers

Organisations by category

- Observer: 28.3%
- Mandated Member: 9.3%
- Member: 62.4%

Members & Observers by institution type

- Research performing...: 50.5%
- Research funding org...: 7.4%
- Other organisation: 7.4%
- Service providing org...: 34.6%
EOSC Association Member Base
## ERICs in EOSC-A

<table>
<thead>
<tr>
<th>Organisation Acronym</th>
<th>EIRO Forum</th>
<th>ERIC</th>
<th>ESFRI</th>
<th>ENVRI-FAIR</th>
<th>EOSC-Life</th>
<th>ESCAPE</th>
<th>SSHOC</th>
<th>PaNOSC</th>
<th>EOSC Future</th>
<th>Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBMRI-ERIC</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>EOSC Future</td>
<td>Member</td>
</tr>
<tr>
<td>CERIC</td>
<td></td>
<td>ERIC</td>
<td></td>
<td></td>
<td>PaNOSC</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td>Member</td>
<td></td>
</tr>
<tr>
<td>CESSDA</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td></td>
<td>SSHOC</td>
<td></td>
<td></td>
<td></td>
<td>EOSC Future</td>
<td>Member</td>
</tr>
<tr>
<td>CLARIN</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td></td>
<td>SSHOC</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td>Member</td>
<td></td>
</tr>
<tr>
<td>DARIASH ERIC</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td></td>
<td>SSHOC</td>
<td></td>
<td></td>
<td></td>
<td>EOSC Future</td>
<td>Member</td>
</tr>
<tr>
<td>EATRIS</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>EOSC Future</td>
<td>Observer</td>
</tr>
<tr>
<td>ESS</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td></td>
<td>PaNOSC</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td>Member</td>
<td></td>
</tr>
<tr>
<td>ESS ERIC</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td></td>
<td>SSHOC</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td>Observer</td>
<td></td>
</tr>
<tr>
<td>EURO-BIOIMAGING</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Member</td>
<td></td>
</tr>
<tr>
<td>Instruct-ERIC</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Observer</td>
<td></td>
</tr>
<tr>
<td>LifeWatch ERIC</td>
<td></td>
<td>ERIC</td>
<td>ESFRI</td>
<td>ENVRI-FAIR</td>
<td>EOSC-Life</td>
<td></td>
<td></td>
<td></td>
<td>EOSC Future</td>
<td>Member</td>
</tr>
</tbody>
</table>
Mandated Organisations

6/8 of EIROforum members are Members in EOSC-A

Art. 2 EOSC-A Statutes
“Each Member State or Associated Country that has one or more organisations that are Members of the Association may appoint one (1) Member to act as the Mandated Organisation, to represent national interests. In addition, the EIROforum is permitted to mandate one of its members to represent the views of the Forum.”
Task Forces in Advisory Groups

Implementation of EOSC
- Rules of Participation compliance monitoring
- PID policy and implementation
- Researcher engagement and adoption

Technical challenges on EOSC
- Technical interoperability of data and services
- Infrastructure for quality research software
- AAI Architecture

Metadata and data quality
- Semantic interoperability
- FAIR metrics and data quality

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

Sustaining EOSC
- Financial sustainability
- Long-term data preservation

Task Forces:
- Suzanne Dumouchel
- Ignacio Blanquer
- Sarah Jones
- Wilhelm Widmark
- Bob Jones
Actors in the EOSC Partnership

- Monitoring Obligations of the EOSC Partnership
- European Commission
  - DG RTD
  - DG CNECT
- Member States and Associated Countries
- RRF
Monitoring of the EOSC Partnership

Establishment of a single joint Monitoring System

- Monitoring of Key Performance Indicators
- Review of Draft + baseline establishment in 2022

Additional Activities Reporting

- In-kind contributions of EOSC-A members to SRIA Objectives
- Annual Assessment

Training for EOSC-A members from January 2022
The Role of the MS / AC

- EOSC Steering Board / prolonged mandate as independent, co-chaired (new!) EC Expert Group
- Tripartite Collaboration
  - Deployment of a minimum viable EOSC and its added value
  - deployment of one monitoring system;
  - alignment of policies as a tripartite
- Mandated Members within EOSC-A
  - Role to be defined
  - First dialogue meeting with Mandated Members, 1st February
- National Structures
  - Established on national level to coordinate EOSC activities
  - No structured interaction between EOSC-SB / EOSC-A and National Structures yet

EOSC-SB
The main purpose of the group is to provide advice and expertise to the Commission and its departments in relation to the strategy for the EOSC, to support coordination of and synergies with European and national policies and investments in EOSC and to help monitoring the overall EOSC strategic development and implementation.

The group will also co-operate with the EOSC Association on matters concerning the harmonised development of EOSC in Europe.
Recovery and Resilience Facility

A recovery plan for Europe

Long-term EU budget (Multiannual Financial Framework)

€1,074 BILLION

€750 BILLION

€540 BILLION

COVID-19 safety nets already in place:
- for workers
- for businesses
- for member states

Next Generation EU / Recovery Fund

Total: €2,364 BILLION
Content of the MoU (2021 – 2030)

- The MoU is established between the Partners
  - The EU represented by the Commission
  - The EOSC Association (“Partners other than the Union”), including its constituent entities (members)
- The MoU is a contractual arrangement, not legally binding
- Scope & objectives
  - To contribute to the objectives defined in the SRIA incl. the KPIs to measure progress
  - Expected financial and in-kind commitments by the partners (490 MEUR + 500 MEUR)
- Governance: Partnership Board
  - Composition: Representatives appointed by the Partners other than the Union, Commission officials and Representatives of the Steering Board
- Commitments of the EC
  - To duly take into account the input and advice from EOSC-A when defining call topics relative to the scope and objectives of the SRIA
- Commitments of EOSC-A
  - In-kind contributions
  - Monitoring and Reporting
Horizon Europe

Pillar 1
Excellent Science
- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

Pillar 2
Global Challenges and European Industrial Competitiveness
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment
- Joint Research Centre

Pillar 3
Innovative Europe
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area
- Widening participation and spreading excellence
- Reforming and Enhancing the European R&I system
Cluster Projects in Horizon 2020

Total EUR 100,690,146.14

- EOSC Life: 26%
- ESCAPE: 16%
- SSHOC: 14%
- PaNOSC: 12%
- ExPaNDS: 6%
- ENVRI-FAIR: 19%
- EOSC Future (ESFRI): 7%

Cordis Information
- Total budgets for 5 H2020 Cluster projects
- Total ExPaNDS budget
- ESFRI Landmarks in EOSC Future
HE Work Programme 2023/24

RI configuration of the HE Programme Committee

RI Group of EC Directors

Strategic orientations

RI draft WP discussions and finalisation

12 May 2021
HE Adoption

Mid-September: topical priorities 2023-2024 by the EOSC-P

December: detailed input by the EOSC-P for INFRAEOSC call topic definition

Q1 2022: validated input by the EOSC-P for INFRAEOSC call topic revision

Early October: ‘draft orientations’ for WP2023-2024

January: ‘first draft’ WP2023-2024

Early June: ‘Pre-ISC draft’ WP2023-2024

RI WP 2023-20
24 adoption
Stage 1 (2021–2022): Development towards added value from a functional federation of infrastructures
Enabling the European Open Science Cloud operations (the EOSC-Core) to provide necessary core functions of the Minimum Viable EOSC (MVE) that allow federation of existing and future infrastructures, with associated rules of engagement and governance that provision growth and expansion in the following stages.

Stage 2 (2023–2024): Expansion to production that generates added value
Expanding and building the core data infrastructure to support the full cycle of workflows for scientific research in key thematic areas. During this period, work to build on pilots/demonstrators and to link EOSC beyond the research communities to the wider public sector and the private sector will begin.

Stage 3 (2025–2027 and beyond): Expansion to develop impact from Open Science
Deployment of federated research infrastructures for European researchers with functionality that provisions actors from multiple communities to deliver impactful Open Science. In addition to European infrastructures, the national research infrastructures delivered from the Member States and Associated Countries in particular will help in this expansion phase.

Proposed Timing
- 04.02. Start of drafting process inside EOSC-A Board and team
- 11.02. Deadline for additional input from TFs
- 28.02. Draft MAR ready
- ½ March Consultation with broader community
- Easter Finalisation of SRIA 1.1 including agreed Monitoring Framework
Voluntary ERA Actions 2022 – 2024

- No.1: EOSC
- No. 3: Reform of research assessment system
- No. 4: Research Careers
- No. 8: Sustainability, accessibility, resilience of Ris
- No. 19: Establish ERA monitoring framework

Foundation for strengthening the collaboration
Collaboration Possibilities

- Assessment of interested of ERIC Forum in becoming a Mandated Organisation in EOSC-A (both parties / statutes change required)
- Active participation in up-coming MAR consultation
- Collaboration for the organisation of EOSC Partner Days in MS/AC