The EOSC Association and its Working Groups and Task Forces

25th January 2022

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

- Up-date on the EOSC Association and its member base
- The 5 Advisory Groups and 13 Task Forces of the EOSC Association
- The Horizon Europe co-programmed EOSC Partnership
- Proposal for joint activities in MS/AC

Special focus on ESFRI Projects & Landmarks
Evolving EOSC Governance

Initial EOSC Governance

2019/20
Evolving EOSC Governance

Initial EOSC Governance

EOSC Association AISBL

2019/20  29.07.2020
Evolving EOSC Governance

Initial EOSC Governance
EOSC Association AISBL
Co-programmed EOSC Partnership

2019/20 29.07.2020 23.06.2021
234 organisations, consisting of 161 Members and 73 Observers
EOSC Association Member Base
## ESFRI Projects and Landmarks in EOSC-A

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ESFRI Projects & Landmarks in EOSC-A

- EOSC-A; 17
  - ESFRI (P+L) non-members; 46

- EOSC-A; 16
  - ESFRI-L (non-members); 25
EOSC-A Board of Directors

Karel Luyben (P)
Marialuisa Lavitrano
Suzanne Dumouchel
Klaus Tochtermann
Ignacio Blanquer

Suzanne Dumouchel
Sara Garavelli
Sarah Jones

Ignacio Blanquer

Session 2: Suzanne Dumouchel
Session 3: Sara Garavelli Sarah Jones
Session 6: Ignacio Blanquer
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 Analytics

- EOSC-A Membership
  - Neither: 30.8% (133)
  - Observer: 12.5% (54)
  - Member: 56.7% (245)

- ESFRI (P+L); 41

- Other; 403

- Type of Organization
  - Service providing: 34.3% (148)
  - Research performing: 37.6% (162)
  - Research communities: 24.8% (73)
  - Research funding: 3.6% (35)
  - Other: 1.1% (8)
Horizon Europe Co-Programmed Partnership

EOSC Gains Co-Programmed European Partnership Status
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

Clusters
- 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%
- EOSC Future (ESFRI) 7%
- ENVRI-FAIR 19%
- ExPaNDS budget
- Total ExPaNDS budget
- ESFRI Landmarks in EOSC Future

Cordis Information
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

IS

RI WP 2023-2024 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
Multi-Annual Roadmap Up-date / Consultation

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
- **¼ March** Consultation with broader community
- **Easter** Finalisation of SRIA 1.1 including agreed Monitoring Framework
Council Conclusions, 26th November 2021

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 ESFRI/EOSC collaboration
Closer Collaboration in 2022

Proposal

- Establishment of a dedicated collaboration format / channel
- Active ESFRI (P + L) participation in up-coming MAR consultation
- Collaboration with ESFRI Delegates for the organisation of EOSC Partner Days in MS/AC