Achievements on Monitoring of EOSC and Open Science

Monitoring Framework for the EOSC Partnership and reporting on the Additional Activities of the Members of the EOSC Association (EOSC-A)

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EOSC Association
Additional Activities

➢ Contributions of the Members of the Association to the development of EOSC

➢ All activities that are in scope with the Strategic Research and Innovation Agenda (SRIA), not covered by European Union funding
9 MAIN CATEGORIES

1. Support to additional R&I
2. Scale up of technologies
3. Demonstrators
4. Creating new business opportunities
5. Training & skills development
6. Contribution to development of new standards, regulations, and policies
7. Supporting ecosystem development
8. Communication, dissemination, awareness raising, citizen engagement
9. Other
Establishment of the AAPs (2021-2022)

- **2021 January 2022**: Pilot exercise - the Additional Activities Plan 2021
- **2021 April 2022**: First AAP survey roll-out
- **2022 April 2022**: Approval of the Additional Activities Plan 2022 with a total value of 312 MEUR
- **2022 September 2022**: Launch of the AAP 2023 survey
- **2022 November 2022**: Submission of draft AAP 2023 of a total value of 591 MEUR
- **2022 December 2022**: Approval of AAP 2023 by EOSC Partnership Board
### Showcasing AAs of the EOSC-A Members

<table>
<thead>
<tr>
<th>Description</th>
<th>Category</th>
<th>Services and infrastructures</th>
<th>Policies, regulations, and coordination activities</th>
<th>Training and skills development</th>
</tr>
</thead>
<tbody>
<tr>
<td>o CosmoHub platform</td>
<td></td>
<td></td>
<td>o Slovak National Strategy for Open Science 2021-2028</td>
<td>o Data Stewardship Programme @UNIVIE</td>
</tr>
<tr>
<td>o RDM-based repository for research data and OERs</td>
<td></td>
<td></td>
<td>o Implementation of the Research Council of Norway Open Science policy</td>
<td>o IdiPAZ training and mentoring plan</td>
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<tr>
<td>o E-repository E-Varamu</td>
<td></td>
<td></td>
<td>o CoreTrustSeal certification</td>
<td>o Digital Scholarship Centre</td>
</tr>
<tr>
<td>o HELIX - Hellenic Data Service</td>
<td></td>
<td></td>
<td>o CNR Open Science Roadmap</td>
<td>o Research Data Management Competence Centre</td>
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<tr>
<td>o FAIR checker tool</td>
<td></td>
<td></td>
<td>o National Open Research Forum</td>
<td>o Open Science Competence Centre</td>
</tr>
<tr>
<td>o DANS Data Stations</td>
<td></td>
<td></td>
<td></td>
<td>o Open Science Lab</td>
</tr>
<tr>
<td>o AlmaHealthDB (AHDB) infrastructure and many more…</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>
Monitoring Framework

• Purpose and Objectives
• KPI baseline Survey
• Process and timelines
Purpose and Objectives

The Monitoring Framework

Adopted on 7 April 2022, during the 3rd EOSC Partnership Board meeting.

- Structure:
  - 3 General Objectives
  - 9 Specific Objectives →15 KPIs
  - 14 Operational Objectives →19 KPIs

..A living document!
Purpose and Objectives

General Objectives

Ensuring progress towards the objectives of the EOSC Partnership

General Objectives of the Partnership as defined in the SRIA

- 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

Fully integrated with the Horizon Europe monitoring and evaluation systems
## Purpose and Objectives

### Examples of MF KPIs

<table>
<thead>
<tr>
<th>Strategic and operational objective</th>
<th>Strategic and operational objective</th>
<th>SO4 Increasing amounts of research data produced by publicly funded research in Europe are FAIR by design</th>
</tr>
</thead>
<tbody>
<tr>
<td>KPI</td>
<td>KPI</td>
<td>SO4_02 The number of thematic European research infrastructures (as a proxy for all major scientific disciplines) with documented standards and protocols for data sharing and re-use.</td>
</tr>
<tr>
<td>Baseline</td>
<td>Baseline</td>
<td>(2023) 60% of research disciplines have documented standards and protocols for data sharing and reuse.</td>
</tr>
<tr>
<td>Target</td>
<td>Target</td>
<td>EOSC Association</td>
</tr>
<tr>
<td>Data Reporting</td>
<td>Data Sources</td>
<td>a. ESFRI reports</td>
</tr>
<tr>
<td>Data Sources</td>
<td>Data Provider</td>
<td>b. ESFRI Cluster projects reports</td>
</tr>
<tr>
<td>Data Provider</td>
<td>Collection Methodology</td>
<td>a. ESFRI Research Infrastructures</td>
</tr>
<tr>
<td>Collection Methodology</td>
<td></td>
<td>b. Coordinators of ESFRI Cluster projects and relevant HE INFRAEOSC projects, Representatives from ESFRI RIs</td>
</tr>
<tr>
<td>Surveys and/or desk studies</td>
<td></td>
<td>Survey</td>
</tr>
</tbody>
</table>

Baseline must be defined.
• Some questions are addressed to the whole EOSC-A membership base;

• Other questions based on type of organisation:
  o Research Performing Organisations (RPOs)
  o Research Funding Organisations (RFOs)
  o Service Providers (SPs)
  o EOSC Association (EOSC-A) (includes questions for EOSC-SB and RDA)
  o Horizon Research Projects
  o Infrastructures (RIs)
What kind of organisation are you?

https://ec.europa.eu/eusurvey/runner/eoscmf2022
Monitoring & Reporting process and timeline

- **20 Oct. 2022**: MF KPI Survey Roll-out
- **Oct. - Nov 2022**: Survey Training
  - 25th Oct. h15:00 *
  - 26th Oct. h11:00
  - 27th Oct. h11:00 *
  - 27th Oct. h15:00 *
  - 04 Nov. h12:30 *
  - 08 Nov. h12:30
  * [with K. Luyben]
- **25 Nov 2022**: MF KPI Survey Closure
- **Nov - Jan 2023**: Analysis of survey results
- **Feb. - Mar. 2023**: Report submission to EC
Summary of Achievements

- AAP 2021 established and approved
- AAP 2022 established and approved
- AAP 2023 draft ready and submitted to EC
- MF in place and agreed
- MF Baseline survey ongoing

EOSC Association is getting ready for first Full Partnership Report in 2023