Training Workshop for filling in the Reporting Survey about the Additional Activities for EOSC

EOSC Association

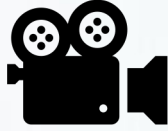25, 26, 27th January 2022

Before we start…

- The workshop will be recorded

- and will be available after workshops

- There is a dedicated Q&A session at the end of the workshop

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1. Horizon EU Co-Programmed Partnerships

- All Horizon Europe Partnerships must formulate a reference monitoring framework, based on the general, specific, and operational objectives of their strategic agendas, allowing the progress to be tracked, towards achieving the specific Partnership goals.

- Such monitoring frameworks focus on Partnership-specific objectives and indicators, while being comparable, in terms of standards and methodology.

- The proposed frameworks are meant to allow for a low-burden assessment of the community achievements and their impact, over time, as well as the potential need for corrective measures.

2. MoU between the EOSC-A and the EU

- Signed on 30th of July 2021
- Duties:
  - Provide input and advice to the EC
  - Report on delivery of in-kind contributions to additional activities and investments in operational activities
    - Policy, Standards, R&I,
    - Skills, Rewards&Recognition schemes, FAIR/OpenScience incentivising schemes,
    - Resources for data curation, sharing research software through RIs, integration in EOSC
    - Transnational service costing models
  - Provide use cases

2. MoU between the EOSC-A and the EU

According to [the Memorandum of Understanding (MoU)](#)
the EOSC-A Members have committed to:

➢ Deliver a volume of **additional activities** totalling to €500M over the duration of the EOSC Partnership (until the end of 2030), at a minimum.

➢ Establish every year an "Additional Activities Plan" (AAP)

➢ Report annually on provided contributions (FTEs/€).

3. Definition of Additional Activities

➢ Activities that are in scope with the [the Strategic Research and Innovation Agenda (SRIA)](#)

➢ Activities that are NOT covered by European Union funding (except for EC Structural Funds)

➢ Activities and investments contributed in-kind or cash by the Members

AA Planning/ AA Reporting Surveys

Partnership's Board Approval

AAP Report

1 Calendar year
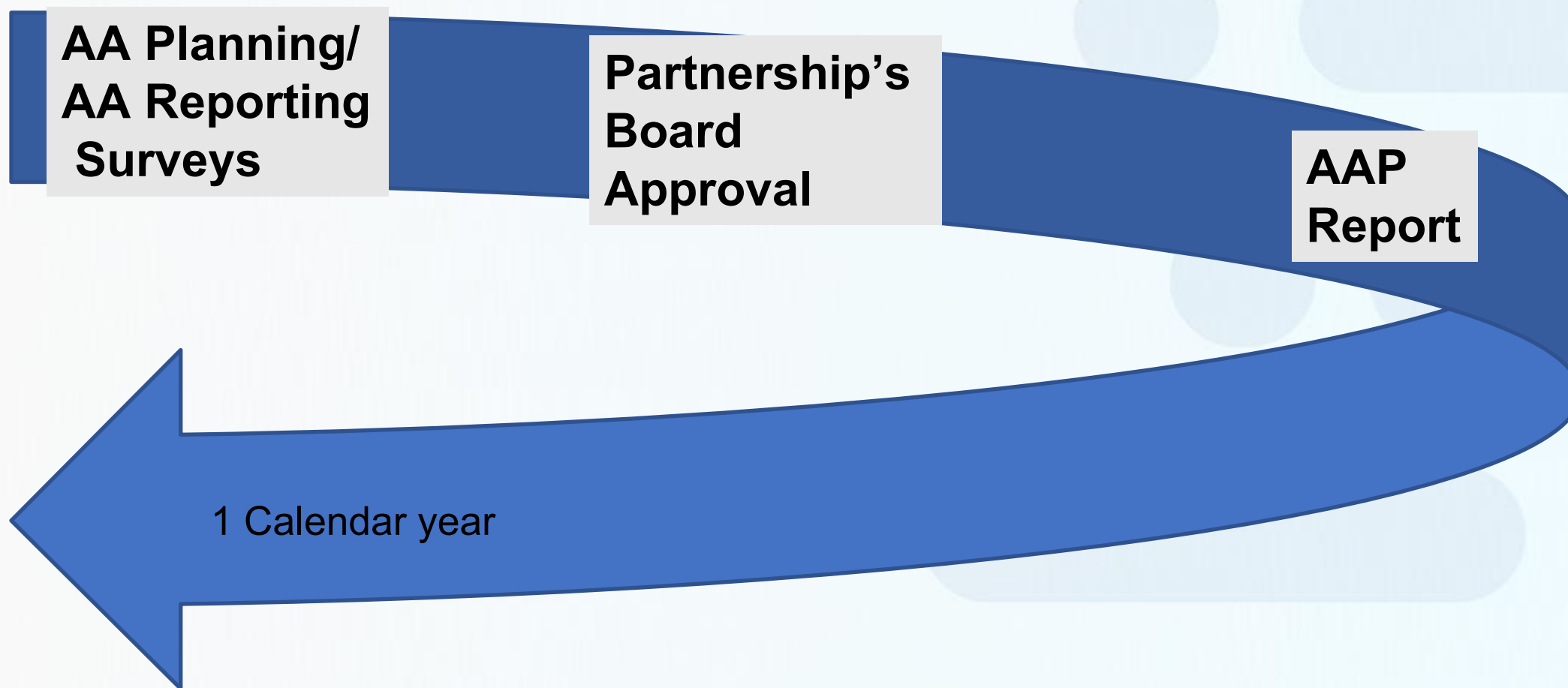
5. AAP Categories (EC template Nov. 2021)

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

Category 1. Support to additional R&I

TYPES OF ACTIVITIES:
- Upgrade of existing research infrastructures and e-infrastructures that may be federated through EOSC
- Development and deployment of EOSC-compatible search engines
- Deployment of online tools for FAIRification
- Development and publication of large-scale studies
- Contribution to operating core functions of a Minimum Viable EOSC ecosystem

Category 2. Scale up of technologies
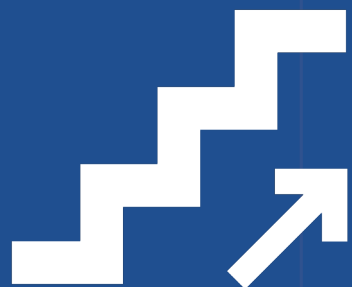
TYPES OF ACTIVITIES:
- Investment done complementing the results of a project, bringing it to a higher TRL level (e.g., EOSC thematic services) or to deployment
- Uptake of EOSC projects' outcomes

Category 3. Demonstrators
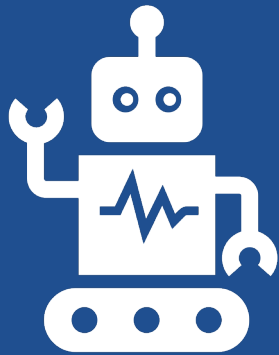
TYPES OF ACTIVITIES:
- Investment in new platforms, demonstrators, pilot use cases exploiting domain-specific user environments and supporting the EOSC vision
- New (pre-)commercial services and capabilities along the data life cycle

Category 4. Creating new business opportunities

TYPES OF ACTIVITIES:

- Invest in start-ups, spin-offs on solutions developed within the projects
- Start incubators/accelerators
- Matchmaking between different start-ups, SMEs, participating companies, stakeholders
- Investments in procurement of innovative solutions

Category 5. Training & skills development

TYPES OF ACTIVITIES:
- Education, training and skills development in Open science and FAIR data management of research artefacts
- Coordinating and aligning curricula on skills for FAIR and Open Science
- Developing/implementing training frameworks for researchers, civil servants, or policy makers

Category 6. Contribution to the development of new standards, regulations, and policies

TYPES OF ACTIVITIES:
- Standardisation and certification activities related to EOSC trusted repositories (e.g. CoreTrustSeal)
- Contribution to the development of applicable FAIR guidelines and frameworks
- Continuous standardisation of persistent identifier (PID) resource types
- Support research communities to develop and/or adopt domain-specific standards
- Support research communities to consolidate common metadata and/or data schema for use in the EOSC context

Category 7. Supporting ecosystem development
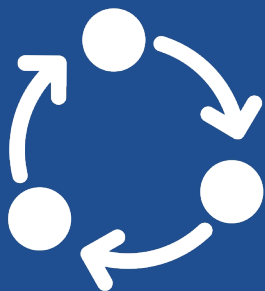
TYPES OF ACTIVITIES:
- Support to knowledge building and sharing across various research domains
- Building industry-academia cooperation (e.g. GAIA-X, HPC or other industry-driven initiatives)
- Activities contributing to strategic and operational alignment, coordination, or synergies with other structures such as Partnerships, Horizon Europe missions, data spaces etc.
- Being the contact point or coordination mechanisms for EOSC uptake at national or institutional level

Category 8. Communication, dissemination, awareness raising, citizen engagement

TYPES OF ACTIVITIES:
- EOSC-related communication, dissemination, outreach, and awareness raising activities
- Promoting EOSC at all levels by engaging with relevant communities and stakeholders

Category 9. Other
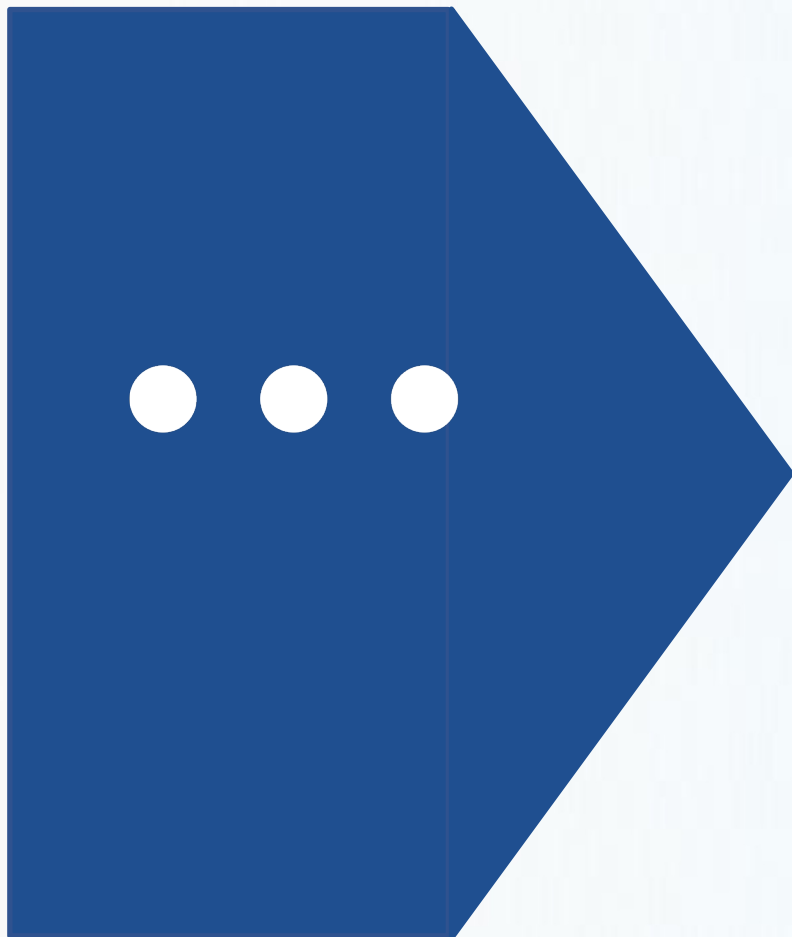
TYPES OF ACTIVITIES:
- Introduction of EOSC-specific references in research programmes and EOSC-related criteria for R&I funding opportunities
- Activities supporting open access publishing through the EOSC
- Adoption of national or institutional strategies for digital transformation and related roadmaps
- Adoption of new (national) policies on Open Science
- Outreach for creating a global cooperation framework for Open Science infrastructures

6. The Survey
"EOSC-A Contribution to additional activities 2022"

Why?   to estimate budget provisions by EOSC-Association Members to additional activities in 2022 and to monitor the actual spending of 2021

How?   GDPR compliant online survey on a commercial platform

Until when?   Friday, 4th February 2022

6A. The AAP 2022 Survey in practice

- [AAP 2022 Survey](#)

SECTION I
Your organization and your profile

SECTION II
Monitoring the additional activities in 2022

SECTION III
Reporting on the additional activities in 2021

Section II
Category 1. Support to additional R&I

Activities **funded by** a <u>public research funder</u>

Activities **executed by** a <u>public research performer</u>, **and funded** through, for instance, a regional or national R&I funding programme or its own institutional funding

Service provision activities, **executed by** <u>either private-nature or public nature entities</u>, **and funded** through, for instance, a regional or national R&I funding programme or own institutional funding

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Please note that:
If a private-nature partner has received co-funding for a project from a public entity which IS a *member of the EOSC Association*, then the entire project should be counted in this category (also the part co-financed by the public entity).

Activity type	Estimated financial contributions including Above FTE Cost, in Euro, for 2022 (e.g. 1000,5 - no spaces, <u>one decimal place</u>)	Estimated financial contributions including above-mentioned FTE costs, in Euro, for 2022 (use full stops as thousand separators, commas as a separator for decimal places, e.g.: 100.000,00 Euro)	Description
Activity type 1.1 **Upgrade of existing research infrastructures and e-infrastructures that may be federated through EOSC**	_ _ _ , _	_ _ _ . _ _ _ . _ _ _ , _ _	**[description]**
Activity type 1.2 **Development and deployment of EOSC-compatible search engines allowing the researchers to explore rich metadata and semantic descriptions in (future) EOSC-connected registers**	_ _ _ , _	_ _ _ . _ _ _ . _ _ _ , _ _	**[description]**
Activity type 1.3 **Deployment of online tools for FAIRification [including to help creating FAIR Data Management Plans]**	_ _ _ , _	_ _ _ . _ _ _ . _ _ _ , _ _	**[description]**
Activity type 1.4 **Development and publication of large-scale studies**	_ _ _ , _	_ _ _ . _ _ _ . _ _ _ , _ _	**[description]**
Activity type 1.5 **Contribution to operating core functions of a Minimum Viable EOSC ecosystem**	_ _ _ , _	_ _ _ . _ _ _ . _ _ _ , _ _	**[description]**
Other activity type 1.6	_ _ _ , _	_ _ _ . _ _ _ . _ _ _ , _ _	[description]

Four Layers of Data Collected by EOSC Observatory

EUROPEAN OPEN SCIENCE CLOUD

④ **Policies Relevant for EOSC Ecosystem**

③ **Contributions to EOSC Partnership**

② **Indicators to Monitor EOSC Partnership**

① **Indicators to Monitor EOSC Readiness**
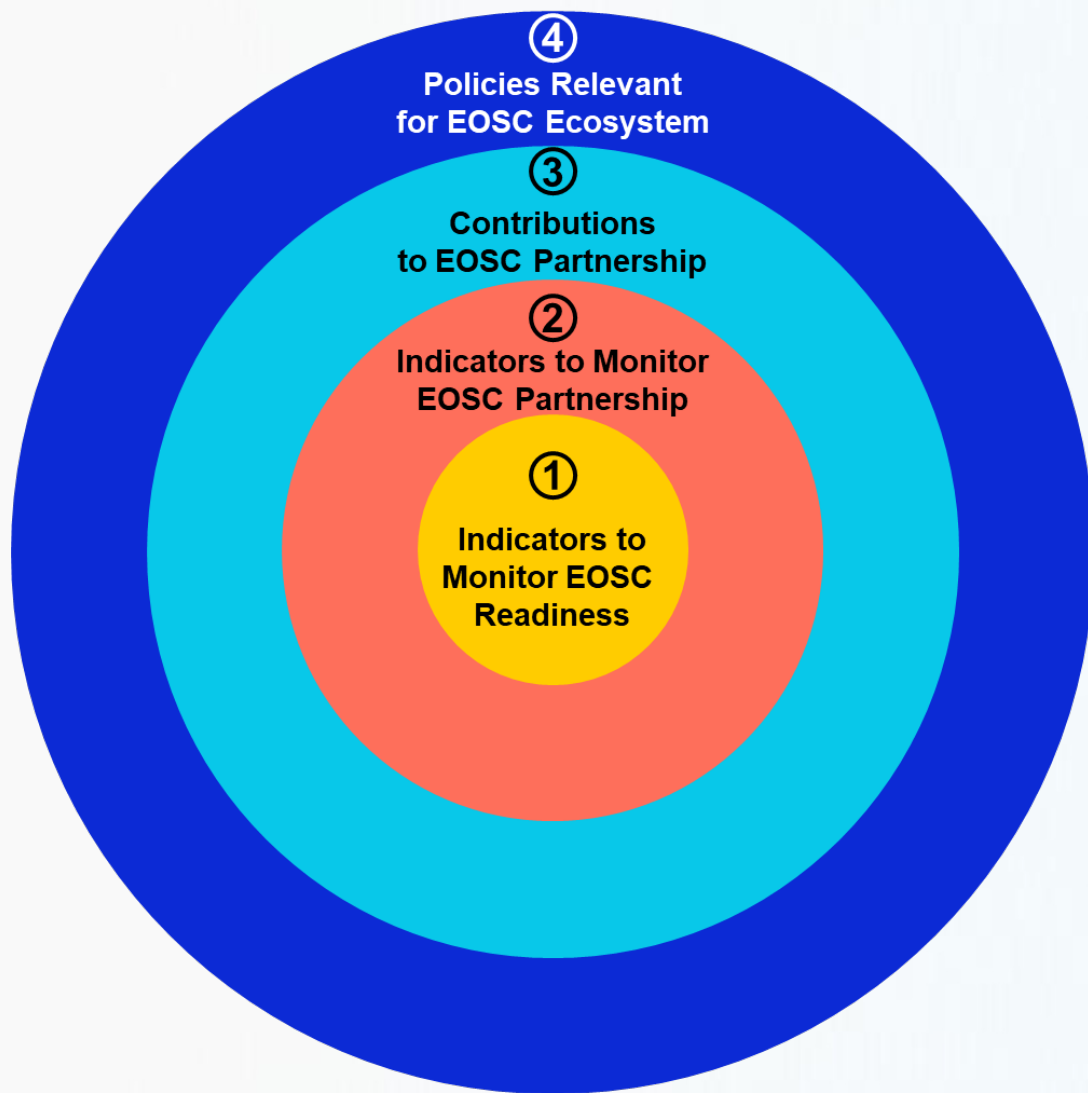
The EOSC Observatory collects data automatically from trusted data sources and manually from key EOSC stakeholders. The observatory is structured to collect and present data across 4 key layers:

- **Layer 1** focuses on the indicators to monitor the EOSC readiness of MS/AC and is validated via surveys by representatives of the (MS/AC in the) EOSC Steering Board

- **Layer 2** focuses on the indicators to monitor the EOSC Partnership and is validated via surveys by representatives of the (members of the) EOSC Association

- **Layer 3** focuses on the (financial and in-kind) contributions to the EOSC Partnership and is validated via surveys by representatives of the (members of the) EOSC Association

- **Layer 4** focuses on general policies that are relevant for the EOSC ecosystem and that are shared and updated by key representatives from the EOSC community

Thank you for your attention!

Should you need any further information on AAP Survey, contact our Monitoring Team at: monitoring@eosc.eu

7. FAQ

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❏ **Have all the members of the EOSC Association committed to contribute to additional activities?**
Yes, with the establishment of the co-programmed EOSC Partnership and the signing of the Memorandum of Understanding (MoU), all the EOSC Association members have committed to provide additional activities of 500 million euro over the next ten years. According to the MoU, 'the Partners other than the Union' (= the Association and its constituent and affiliated entities) envisage to dedicate up to EUR 500 million for the period 2021-2030 in research, innovation and other activities in the area of the Co-programmed European Partnership, engaging their constituent and affiliated entities to make such investments.'

❏ **How data will be used?**
The privacy policy states that any results shared externally will be anonymized. While the data shared externally might as well most be in aggregated form, there may be cases for individual examples. In that case, while the specific data can be made public, the data provider will not be revealed, not even at the level of name of the organisation.

❏ **Whom the Section III 'Reporting on the additional activities in 2021' is dedicated to?**
Section III is only addressed to a particular subset of 15 Mandated Members who participated in a pilot phase last year by contributing to Additional Activities Plan 2021.

7. FAQ

❏ **Should activities funded under the RRF be indicated in the AAP 2022 survey?**
Yes, activities funded under the Recovery and Resilience Facility (RRF) should be indicated in the survey like activities funded under European structural funds.

❏ **Shall co-funded activities be included in the AAP 2022 survey?**
Yes, co-funded activities shall be included as additional activities but only this part, which is NOT funded by the European Commission, should be counted.

❏ **How costs of long-term projects should be reported in the AAP 2022 Survey?**
The costs of this kind of projects should be calculated for the respective year and then reported, for instance all costs planned to be spent in 2022 should be included in the survey.

❏ **Will these estimated financial contributions be audited?**
The estimated financial contributions will not be audited on a basis of Additional Activities Plan 2022 but keeping an additional activity documentation for audit purposes is generally advised.

7. FAQ

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☐ **How to indicate the planned contribution on additional activity in the AAP 2022 Survey?**
The planned contribution should be indicated in terms of:
1. Full-Time Equivalents (FTEs);
2. the Economic Value* (€) of the described activities, on top of the FTEs.

☐ **What does 'Economic Value of the planned contribution' stand for?**
Economic Value is the sum of the monetary value of the reported FTEs and of any additional investment (e.g.: costs of upgrading an infrastructure, cost of a license or a piece of equipment, cost of IP protection or spin-off initiatives, etc.).

☐ **How FTE should be calculated?**
To calculate monetary value of FTE contribution, please use a standard conversion factor of 100 K euro per 1 FTE (1FTE=100Keur).

☐ **How formal must the verification of the provided contribution be in Section III?**
The validation should be the one relevant to the organization, typically after an external audition and Board/GA approval. However, as the costs reported for EOSC development may be hidden within and across budgetary lines and not be immediately distinguishable from a larger portion of budget, the EOSC Association would rely on the respondent's insight to receive a sensible information.

7. FAQ

❑ **Do 'R&I activities funded by a public research funder which is a member of the EOSC Association" in Category 1 mean that the research funder needs to be the member of EOSC-A or the R&I which runs the activity?**

This expression refers to research funding organisations which are EOSC-A members, not to R&I activities. Furthermore, the next two options cover research performing organisations and service providers so all types of members will be covered in Category 1 'Support to additional R&I'.

❑ **What kind of activities should be included in, for example, additional activity type 1.1?**

All activities that are relevant to the EOSC development should be included here as well as in any other category. For example, an accelerator, per se, is not a component of EOSC but the data generated by the experiment are, or the computer warehouse, or the development of an interface for data access, sharing, visualization, ingestion, etc.

❑ **Can all the questions be seen before sending the survey?**

Yes, the entire questionnaire is available in PDF format here.

Background materials

- SRIA: [SRIA_2022_01.pdf (eosc.eu)](#)

- MoU: [EOSC_Memorandum_30_July_2021.pdf](#)

- EOSC website: [Monitoring and reporting](#)

- AAP 2022 Survey: [AAP 2022 Survey [in PDF]](#)

- EOSC Observatory: [EOSC Observatory (eosc-portal.eu)](#)