

**Open Consultation Questionnaire**  
for the  
**Strategic Research and Innovation Agenda (SRIA)**  
of the  
**European Open Science Cloud (EOSC)**

Version 20 July 2020



*Thank you for responding to the EOSC SRIA open consultation. To help you complete the EOSC SRIA online consultation questionnaire we have provided all sections and questions here in this document. When completing the consultation, it is advisable to [register on the EOSCsecretariat.eu website](https://eoscsecretariat.eu); this way you can save your progress. If you'd prefer not to, then you can use this document as a reference to help you to complete the questionnaire in a single session.*

*Only contributions using the online [open consultation webpage](#) will be accepted. Please do not complete this document and send it as it will not be considered for the consultation.*

*For any further information, do not hesitate to contact [eosc-sria-consultation@eoscsecretariat.eu](mailto:eosc-sria-consultation@eoscsecretariat.eu)*

**Respondent's Information**

Name \*: \_\_\_\_\_

I am giving my contribution as an individual\*:

- Working for a research-performing organisation (e.g. university, institute, research infrastructure, etc.)
- Working for a research-funding organisation
- Working for a service provider for research (e.g. research (e-)infrastructure, library)
- Citizen (scientist)
- Other (please specify) \_\_\_\_\_

I am giving my contribution on behalf of the following type of organisation\*:

- Research-performing organisation (e.g. university, institute, research infrastructure, etc.)
- Research-funding organisation
- Service provider for research (e.g. research (e-)infrastructure, library, etc)
- Governmental organisation
- Company/Business
- Other (please specify) \_\_\_\_\_

Name of the organisation \*: \_\_\_\_\_

Country in which you are mainly based (for work) \*: \_\_\_\_\_

Are you / Have you been involved in EOSC-related projects<sup>1</sup> under the ongoing research and innovation framework programme Horizon 2020?\*

Yes. Provide the name/s:

No

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<sup>1</sup> <https://www.eosc-portal.eu/about/eosc-projects>

### EOSC Guiding Principles

The EOSC guiding principles identified in Section 1 of the Open Consultation text for the SRIA are relevant to achieving one or more of the Strategic Objectives:

Principle	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Multi-stakeholder approach					
As open as possible, as closed as necessary					
Towards a Web of FAIR Data and Related Services for Science					
Federating existing research infrastructures					
Machines and people					

If you would like to expand on any of your answers, please do so here (2,000 characters):

### Action Areas

How far do you think these Action Areas are relevant to achieving one or more of the Strategic Objectives?

Action Area	Highly relevant	Relevant	Neutral	Irrelevant	Highly irrelevant
AA1: Identifiers					
AA2: Metadata and Ontologies					
AA3: FAIR Metrics and Certification					
AA4: Authentication and Authorisation Infrastructure					
AA5: User Environments					
AA6: Resource Provider Environments					
AA7: EOSC Interoperability Framework					
AA8: Rules of Participation					
AA9: Landscape Monitoring					
AA10: Business Models					
AA11: Skills and Training					
AA12: Rewards and Recognition					
AA13: Communication					
AA14: Widening to the Public and Private Sectors					

If you would like to expand on any of your answers, please do so here (2,000 characters):

If you think any Action Areas are missing, please indicate which ones, and explain why these are relevant to achieving one or more of the Strategic Objectives (2,000 characters):

### Priorities

In order to create the EOSC ecosystem as referred to in the Partnership Proposal<sup>2</sup>, all stakeholders must commit to bridging the existing infrastructures and e-infrastructures, and to defining, operating and maintaining services based on research datasets that are as far as possible FAIR by design. For this broader research and innovation ecosystem along multiple dimensions (cultural, technical, organisational, educational, policy) and multiple levels (international, European, national, institutional) a holistic approach and a coordinated effort among all Member States and scientific communities are needed.

The Open Consultation text for the SRIA provides the EOSC objectives and a **preliminary set of priorities** for achieving the objectives. How relevant are the identified priorities to achieving one or more of the EOSC Strategic Objectives?

Action Area	Priority	Highly relevant	Relevant	Neutral	Irrelevant	Highly irrelevant
AA1 – Identifiers	P1: Implement the EOSC Persistent Identifier (PID) Policy and develop additional infrastructure required to support the publication, curation and tracking of research outputs.					

<sup>2</sup> [https://ec.europa.eu/info/files/european-open-science-cloud-eosc\\_en](https://ec.europa.eu/info/files/european-open-science-cloud-eosc_en)

Action Area	Priority	Highly relevant	Relevant	Neutral	Irrelevant	Highly irrelevant
<b>AA2 – Metadata and Ontologies</b>	P2: Offer a common dataset search to enhance discovery via EOSC.					
	P3: Support communities to develop metadata standards and controlled vocabularies to enable all stakeholders to engage equally in EOSC.					
<b>AA3 – FAIR Metrics and Certification</b>	P4: Implement metrics to assess FAIR digital objects and iterate based on testing.					
	P5: Support services to demonstrate they enable FAIR via certification or the definition of assessment frameworks.					
<b>AA4 – Authentication and Authorisation Infrastructure</b>	P6: Establish and implement a common framework for managing user identity and access in a highly distributed ecosystem.					
<b>AA5 – User Environments</b>	P7: Ensure a feedback mechanism to engage with users and further develop the EOSC environment to meet their needs.					
<b>AA6 – Resource Provider Environments</b>	P8: Implement procedures to ensure services that meet requirements can be federated into EOSC easily and efficiently.					
<b>AA7 – EOSC Interoperability Framework</b>	P9: Promote the use of open specifications, where available, to ensure technical interoperability when establishing EOSC services.					
	P10: Agree and implement a common set of rules to ensure data and services within EOSC support interoperability.					
<b>AA8 – Rules of Participation</b>	P11: Define the cooperation framework enabling RDIs to work together more fully and effectively.					
	P12: Evolve EOSC by recognising enhanced standards for policy, processes and					

Action Area	Priority	Highly relevant	Relevant	Neutral	Irrelevant	Highly irrelevant
	procedures to provide increasing levels of assurance of quality and trust in the services offered through EOSC.					
<b>AA9 – Landscape Monitoring</b>	P13: Ensure continuous monitoring of the existing readiness of countries to contribute to EOSC.					
	P14: Suggest priorities for action based on the monitoring.					
<b>AA10 – Business Models</b>	P15: Perform cost assessments.					
	P16: Ensure sustainable financing for EOSC.					
<b>AA11 – Skills and Training</b>	P17: Develop Open Science training and professionalise associated roles.					
<b>AA12 – Rewards and Recognition</b>	P18: Create a Europe-wide framework for rewards and recognition that includes Open Science.					
<b>AA13 – Communication</b>	P19: Inform stakeholders about the developments of EOSC.					
<b>AA14 – Widening to the Public and Private Sectors</b>	P20: Widen EOSC stakeholder engagement in a strategic and timely manner.					

How urgently should each of the identified priorities be addressed?

Action Area	Priority	Before 2024	Before 2026	Before 2028
<b>AA1 – Identifiers</b>	P1: Implement the EOSC Persistent Identifier (PID) Policy and develop additional infrastructure required to support the publication, curation and tracking of research outputs.			
	P2: Offer a common dataset search to enhance discovery via EOSC.			
<b>AA2 – Metadata and Ontologies</b>	P3: Support communities to develop metadata standards and controlled vocabularies to enable all stakeholders to engage equally in EOSC.			

Action Area	Priority	Before 2024	Before 2026	Before 2028
<b>AA3 – FAIR Metrics and Certification</b>	P4: Implement metrics to assess FAIR digital objects and iterate based on testing.			
	P5: Support services to demonstrate they enable FAIR via certification or the definition of assessment frameworks.			
<b>AA4 – Authentication and Authorisation Infrastructure</b>	P6: Establish and implement a common framework for managing user identity and access in a highly distributed ecosystem.			
<b>AA5 – User Environments</b>	P7: Ensure a feedback mechanism to engage with users and further develop the EOSC environment to meet their needs.			
<b>AA6 – Resource Provider Environments</b>	P8: Implement procedures to ensure services that meet requirements can be federated into EOSC easily and efficiently.			
<b>AA7 – EOSC Interoperability Framework</b>	P9: Promote the use of open specifications, where available, to ensure technical interoperability when establishing EOSC services.			
	P10: Agree and implement a common set of rules to ensure data and services within EOSC support interoperability.			
<b>AA8 – Rules of Participation</b>	P11: Define the cooperation framework enabling RDIs to work together more fully and effectively.			
	P12: Evolve EOSC by recognising enhanced standards for policy, processes and procedures to provide increasing levels of assurance of quality and trust in the services offered through EOSC.			
<b>AA9 – Landscape Monitoring</b>	P13: Ensure continuous monitoring of the existing readiness of countries to contribute to EOSC.			
	P14: Suggest priorities for action based on the monitoring.			

Action Area	Priority	Before 2024	Before 2026	Before 2028
<b>AA10 – Business Models</b>	P15: Perform cost assessments.			
	P16: Ensure sustainable financing for EOSC.			
<b>AA11 – Skills and Training</b>	P17: Develop Open Science training and professionalise associated roles.			
<b>AA12 – Rewards and Recognition</b>	P18: Create a Europe-wide framework for rewards and recognition that includes Open Science.			
<b>AA13 – Communication</b>	P19: Inform stakeholders about the developments of EOSC.			
<b>AA14 – Widening to the Public and Private Sectors</b>	P20: Widen EOSC stakeholder engagement in a strategic and timely manner.			

At which level should each of the identified priorities be progressed (first, second or third)?

Action Area	Priority	European	National	Institutional
<b>AA1 – Identifiers</b>	P1: Implement the EOSC Persistent Identifier (PID) Policy and develop additional infrastructure required to support the publication, curation and tracking of research outputs.			
	P2: Offer a common dataset search to enhance discovery via EOSC.			
<b>AA2 – Metadata and Ontologies</b>	P3: Support communities to develop metadata standards and controlled vocabularies to enable all stakeholders to engage equally in EOSC.			
	P4: Implement metrics to assess FAIR digital objects and iterate based on testing.			
<b>AA3 – FAIR Metrics and Certification</b>	P5: Support services to demonstrate they enable FAIR via certification or the definition of assessment frameworks.			
	P6: Establish and implement a common framework for managing user identity and access in a highly distributed ecosystem.			
<b>AA4 – Authentication and Authorisation Infrastructure</b>	P7: Ensure a feedback mechanism to engage with users and			

Action Area	Priority	European	National	Institutional
	further develop the EOOSC environment to meet their needs.			
<b>AA6 – Resource Provider Environments</b>	P8: Implement procedures to ensure services that meet requirements can be federated into EOOSC easily and efficiently.			
<b>AA7 – EOOSC Interoperability Framework</b>	P9: Promote the use of open specifications, where available, to ensure technical interoperability when establishing EOOSC services.			
	P10: Agree and implement a common set of rules to ensure data and services within EOOSC support interoperability.			
<b>AA8 – Rules of Participation</b>	P11: Define the cooperation framework enabling RDIs to work together more fully and effectively.			
	P12: Evolve EOOSC by recognising enhanced standards for policy, processes and procedures to provide increasing levels of assurance of quality and trust in the services offered through EOOSC.			
<b>AA9 – Landscape Monitoring</b>	P13: Ensure continuous monitoring of the existing readiness of countries to contribute to EOOSC.			
	P14: Suggest priorities for action based on the monitoring.			
<b>AA10 – Business Models</b>	P15: Perform cost assessments.			
	P16: Ensure sustainable financing for EOOSC.			
<b>AA11 – Skills and Training</b>	P17: Develop Open Science training and professionalise associated roles.			
<b>AA12 – Rewards and Recognition</b>	P18: Create a Europe-wide framework for rewards and recognition that includes Open Science.			
<b>AA13 – Communication</b>	P19: Inform stakeholders about the developments of EOOSC.			
<b>AA14 – Widening to the</b>	P20: Widen EOOSC stakeholder engagement in a strategic and timely manner.			

Action Area	Priority	European	National	Institutional
<b>Public and Private Sectors</b>				

If you would like to expand on any of your answers, please do so here (2,000 characters):

If you think any important **priorities are missing**, please indicate which ones, and explain why these are important to achieving one or more of the Strategic Objectives (2,000 characters):

### KPIs

The Open Consultation text for the SRIA provides some illustrative examples of **key performance indicators**. How far do you think these KPIs are relevant to monitoring the successful implementation of the strategy (2,000 characters)?

KPI	Highly relevant	Relevant	Neutral	Irrelevant	Highly irrelevant
KPI1 Researchers performing publicly funded research make relevant results available, as openly as possible					
KPI2 Professional data stewards available in research-performing organisations in Europe to support Open Science					
KPI3 Researchers are incentivised to perform Open Science					
KPI4 The scope of EOOSC is widened to serve the public and private sectors					
KPI5 Research data produced by publicly funded research in Europe is FAIR by design					
KPI6 The EOOSC Interoperability Framework supports a wide range of FAIR digital objects including data, software and other research artefacts					
KPI7 European research is increasingly discovered and reused across disciplines as a result of EOOSC					
KPI8 EOOSC is operational and provides a stable					

KPI	Highly relevant	Relevant	Neutral	Irrelevant	Highly irrelevant
infrastructure, supporting researchers addressing societal challenges					
KPI9 EOOSC is populated with a valuable corpus of interoperable data					
KPI10 EOOSC is a valuable resource to a wide range of users from the public and private sectors					

If you would like to propose any amendments or additions, please do so here (2,000 characters):

### Synergies with Other Initiatives

How can EOOSC support Horizon Europe partnerships and missions? If you can already identify a specific European Partnership and activity that could be implemented, please specify (2,000 characters).

With regard to the connection of EOOSC to the Common European Data Spaces<sup>3</sup>, do you have any proposal for activities that need to be implemented (2,000 characters)?

With regard to the alliances with other Open Science organisations, do you have any proposal for activities that need to be implemented (2,000 characters)?

### Synergies with Other Programmes

What role can Smart Specialisation Strategies, supported under the European Structural and Investment Funds<sup>4</sup>, have in developing EOOSC? Please provide information about the type of activities that could be covered by those funds (2,000 characters).

<sup>3</sup> [https://ec.europa.eu/info/sites/info/files/communication-european-strategy-data-19feb2020\\_en.pdf](https://ec.europa.eu/info/sites/info/files/communication-european-strategy-data-19feb2020_en.pdf)

<sup>4</sup> [https://ec.europa.eu/regional\\_policy/en/policy/what/glossary/e/esif](https://ec.europa.eu/regional_policy/en/policy/what/glossary/e/esif)

### Alignment of Projects

The research and innovation projects that have been working towards developing EOOSC under Horizon 2020 have for the most part resulted in a fragmented landscape of outputs. The EOOSC Partnership will aim to have these outputs consolidated and will try to align the activities of the future projects under Horizon Europe with the contributions from stakeholders creating the EOOSC ecosystem. How can Horizon Europe support the capacity building for EOOSC and ensure that future projects are aligned with the needs of the EOOSC stakeholder community (2,000 characters)?

### Role in the EOOSC Association

If you are replying on behalf of an organisation, does your organisation want to become actively involved with the EOOSC Association?

No

Yes, my organisation wants to /is /will become a member of the EOOSC Association. Please explain the commitments that your organisation is willing to undertake (2,000 characters):

Yes, my organisation is willing to have an active role in implementing the following activities related to EOOSC. Please explain how (2,000 characters):

### Additional Comments

If you have any additional comments, please enter them here. Alternatively, please email [eosc-sria-consultation@eoscsecretariat.eu](mailto:eosc-sria-consultation@eoscsecretariat.eu) (2,000 characters).

### Data Protection

The EOOSC Secretariat will publish the responses to this public consultation. You can choose whether you would like your personal details to be made public or to remain anonymous.\*

Anonymous: Only your respondent type, country and contribution will be published. All other personal details (name, organisation name, transparency register number) will not be published.

Public: Your personal details (name, organisation name, country) will be published with your contribution.

Please confirm that you have read and agree with the personal data protection provisions. \*

Yes, I confirm my agreement with the data protection provisions