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Scoping the OA & OS Infrastructure (OSI) Landscape in Europe

Introduction

You are invited to participate in a survey of Open Access (OA)/Open Science/Scholarship (OS) services/infrastructure in Europe commissioned by <u>SPARC Europe</u>. We look forward to reporting results in the coming months in close collaboration with <u>OPERAS</u>.
This survey will help <u>Invest in Open Infrastructure</u>, <u>SCOSS</u>, and current and future funders understand what digital European OA & OS Infrastructures (OSIs) exist, who they serve and how, and how open and sustainable this infrastructure is.
This survey will help guide funders on what the current OA/OS infrastructure landscape looks like to consider a strategy on how one might more effectively fund it. We hope to bring greater visibility and a deeper understanding of Europe's rich infrastructure offering.

Taking the survey: This survey will be split into 2 parts, the first issued in May, and the second in June. The aim of this first part is to analyse the infrastructure offering in general and the contribution it makes to open principles, also to highlight some of Europe's open infrastructure champions on a dedicated site. To be considered, don't delay responding to the survey.
The intent of the survey's 2nd part is to gain a more in-depth understanding of the infrastructure's community, technical design and sustainability. We strongly encourage you to fill in both surveys as these deeper insights will inform funders in future.
Definitions: **We define OA & OS Infrastructure (OSI) as sets of services, protocols, standards and software contributing to the research lifecycle – from collaboration and experimentation through data collection and storage, data organization, data analysis and computation, authorship, submission, review and annotation, copyediting, publishing, archiving, citation, discovery and more (<u>IOI definition</u>).**

The purpose of this survey is to gather information on established international, national or regional OA & OS infrastructure. We define "established" as OSIs operating for at least 2 years. If you're a newer project, do get in touch.
We invite the owner or director of the OSI preferably to complete this survey.
Do not be discouraged if you are unable to answer all questions - all answers will help us paint a picture of OA/OS infrastructure in Europe. Although we would like you to answer every question, only those questions marked with an asterisk * are mandatory. You may withdraw from the survey at any time and will not be penalised. The survey is in English. While we appreciate English responses, free-text questions can be answered in other languages but we are dependent on automatic tools to decipher these.
Completing the survey will take approximately 30 minutes. A PDF is <u>*available here*</u>*. For questions, reach out to info@sparceurope.org.*

Ethics and data protection policy
The survey questionnaire is managed by <u>SPARC Europe</u>. To identify you as a champion, your name & position are required to submit answers. However, answers will be reported in aggregate in

a report; personal data will be removed before the dataset is deposited on Zenodo with a CC0 licence. You may supply your name & contact details to be informed of survey outcomes & to answer any follow-up questions.

New deadline 12 June 2020

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Contact information

* 1. I understand and agree to participate in this survey.

◯ Yes

◯ No

* 2. Respondent Name

[   ]

* 3. Respondent Title/Role

◯ Director

◯ Manager

◯ Co-ordinator

◯ Other (please specify)

[   ]

* 4. Respondent Email

[   ]

* 5. Would you like to be considered for inclusion for on the website of the Open European open infrastructure champions?

◯ Yes

◯ No

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General Information

* 6. Name of the Open Access & Open Science/Scholarship Infrastructure (OSI), including acronym

7. Website Address(es) and codebase link(s) to source code

1.

2.

3.

* 8. In what year was your OSI established?

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The organisation

* 9. Name of organisation

10. Name of parent organisation (where relevant)

* 11. Country of OSI

* 12. Does the OSI have statutes or similar documentation of its governance structure?

  ◯ Yes

  ◯ No

* 13. Does the OSI have a board and/or leadership group(s) overseeing its work?

  ◯ Yes

  ◯ No

* 14. How would you best describe your OSI's organisation? (Answer for the hosting entity if the OSI is hosted.)

  ◯ For-profit > 250 employees

  ◯ For-profit SME < 250 employees

  ◯ For-profit start-up

  ◯ Not-for-profit organisation

  ◯ Research Performing Organisation (RPO), e.g. university or other academic institution

  ◯ Research Funding Organisation (RFO)

  ◯ Other (specify)

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What you do.

* 15. Provide a succinct description of this OSI (100 words or so, including the OSI's target audience).

* 16. What is the key goal of your OSI?

* 17. How does your OSI support Open Access, Open Science or Scholarship? Select all that apply.

- [ ] Open Access
- [ ] Open Data, including FAIR data
- [ ] Open Science Evaluation, e.g. open metrics and impact, open peer review
- [ ] Open Software
- [ ] None

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What you do.

How do you support the research lifecycle?
For the purposes of the survey, we have broken this down into six parts. Please read the choices for each section and indicate which, if any apply.

18. Do you support the "Creation" portion of the research lifecycle?

☐ Creation - Computation and machine learning   ☐ Creation - Experimentation

☐ Creation - Data gathering   ☐ None

☐ Creation - Data analysis

☐ Other (specify)

[   ]

19. Do you provide "Publishing" support?

☐ Publishing - Copyediting   ☐ Publishing - Review

☐ Publishing - Design   ☐ Publishing - Submission

☐ Publishing - Layout   ☐ None

☐ Other (specify)

[   ]

20. Do you provide "Hosting and access"?

☐ Hosting and access - Conference / events management   ☐ Hosting and access - Publishing platform, including range of outputs

☐ Hosting and access - Data services   ☐ Hosting and access - Repository support

☐ Hosting and access - Journal hosting system   ☐ Hosting and access - Video service

☐ Hosting and access - Monographic production system   ☐ None

☐ Hosting and access - Preprint service

☐ Other (specify)

[   ]

21. Do you provide information "Discovery"?

- ☐ Discovery - AI
- ☐ Discovery - Aggregating and indexing
- ☐ Discovery - Identity (e.g. ORCID)
- ☐ Other (specify)

- ☐ Discovery - Persistent identifiers
- ☐ Discovery - Search
- ☐ None

[   ]

22. Do you provide "Evaluation and comment" services?

- ☐ Evaluation and comment - Annotation
- ☐ Evaluation and comment - Review
- ☐ Other (specify)

- ☐ Evaluation and comment - User analytics
- ☐ None

[   ]

23. Do you provide "Archiving/Preservation"?

- ☐ Archiving/preservation - Curation
- ☐ Archiving/preservation - Replication
- ☐ Other (specify)

- ☐ Archiving/preservation - Storage
- ☐ None

[   ]

* 24. What type of content do you provide access to? Select all that apply.

- ☐ Audio
- ☐ Blog posts
- ☐ Citation data
- ☐ Book / Monographs
- ☐ Book chapters / part
- ☐ Code
- ☐ Conference / Event information, not proceedings or posters
- ☐ Conference paper or proceedings
- ☐ Data
- ☐ Images and photographs
- ☐ Journals
- ☐ Manuscripts
- ☐ Other (specify)

- ☐ Maps
- ☐ Music sheets
- ☐ Official reports
- ☐ Patents
- ☐ Posters
- ☐ Preprint service
- ☐ Proposals
- ☐ Software
- ☐ Theses and dissertations
- ☐ Video
- ☐ NONE

[   ]

25. Please estimate a count of total objects the OSI has created, published, hosted, provided discovery of, evaluated, and/or archived (e.g. number of preprints, annotations, identifiers, documents crawled and indexed, etc.).

	0	1-999	1,000 - 9,999	10,000 - 99,999	100,000 - 999,999	Over 1m
Created	○	○	○	○	○	○
Published	○	○	○	○	○	○
Hosted	○	○	○	○	○	○
Provided discovery of	○	○	○	○	○	○
Evaluated	○	○	○	○	○	○
Archived	○	○	○	○	○	○

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Your mission and vision

26. Does the OSI have a documented mission and/or vision?

○ Yes

○ No

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Your mission and vision.

27. If you have a vision or mission available as a webpage, please share

Your strategy

28. Does the OSI have a documented strategic plan or roadmap?

○ Yes

○ No

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Your strategy.

29. If you have a strategic plan or roadmap available as a webpage, please share

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Who you serve

* 30. Who is your target audience? Select all that apply

☐ Funders
☐ Learners
☐ Libraries
☐ Publishers
☐ Researchers

☐ Research managers
☐ Service providers, excluding publishers
☐ Software developers
☐ Teachers

* 31. What geographical region do you *mainly* serve? Select one main region

◯ Local
◯ Regional (in a Nation)
◯ National
◯ Europe
◯ Global

32. Which discipline/s does your OSI serve? Select all that apply

☐ Applied and Engineering Sciences, incl Computer Science
☐ Arts and Humanities
☐ Life Sciences
☐ Mathematics and Physical Sciences
☐ Medicine
☐ Social Sciences
☐ ALL
☐ Other (please specify)

* 33. What is the language of your OSI? Select all that apply

☐ Bulgarian	☐ Italian
☐ Croatian	☐ Latvian
☐ Czech	☐ Lithuanian
☐ Danish	☐ Maltese
☐ Dutch	☐ Polish
☐ English	☐ Portuguese
☐ Estonian	☐ Romanian
☐ Finnish	☐ Slovak
☐ French	☐ Slovenian
☐ German	☐ Spanish
☐ Greek	☐ Swedish
☐ Hungarian	☐ ALL
☐ Irish	
☐ Other (specify)	

[   ]

* 34. What is the language of the material you provide access to? Select all that apply

☐ Bulgarian	☐ Italian
☐ Croatian	☐ Latvian
☐ Czech	☐ Lithuanian
☐ Danish	☐ Maltese
☐ Dutch	☐ Polish
☐ English	☐ Portuguese
☐ Estonian	☐ Romanian
☐ Finnish	☐ Slovak
☐ French	☐ Slovenian
☐ German	☐ Spanish
☐ Greek	☐ Swedish
☐ Hungarian	☐ ALL
☐ Irish	
☐ Other (specify)	

[   ]

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Your place in the scholarly communications landscape

* 35. When was the last time you evaluated your OSI?

◯ Within the last year

◯ Within the last five years

◯ Never

◯ Other (please specify)

[   ]

* 36. When was a market analysis last conducted?

[▲▼]

37. How does your OSI fit into the OA / OS landscape?
Describe the service's value to the Open Science / Open Access Community also by comparing it to competing services.

[   ]

* 38. Do you depend on any other infrastructure to deliver your OSI?

◯ Yes

◯ No

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Depends on infrastructure

* 39. If you depend on other infrastructure, please name those most important to you

1.

2.

3.

The SPARC/COAR Principles for Scholarly Communication Services were published in 2019. How do they resonate with you? How do they work in practice?

We'd love to hear about any examples that you think are important.
As a result, we'd like to highlight some of you as Open Infrastructure Champions this year on a dedicated website so thank you for taking a little more time for this.

The principles in short:

Good governance: The service has strategic governance that allows community input on the direction of the service and operational governance with community representation and decision making power.
Open Standards: The service uses open APIs to enable interoperability, and adheres to open standards. Ideally, the platform is based on open-source software, but in cases where it is not, user-owned content is managed according to well-established, international standards.
Fair data collection: Only data necessary for the service's provision are collected from users and the type of the data collected and how they are used is clearly and publicly articulated.
Note: This is not be confused with FAIR (Findable, Accessible, Interoperable and Reusable).
Transparent pricing and contracts: The service's contract conditions and pricing are transparent and equitable, with no non-disclosure agreements included
Easy Migration: User-owned or generated content can be easily migrated to another platform or service upon termination of contract, without any additional fee from the service provider.
Succession planning: If the service is a nonprofit, the organization's bylaws or

statutes state the conditions and terms governing how the organization may be transferred or wound down. If the service is provided by a for-profit entity, the contract/agreement should not be assignable to another entity without the client's express permission

Open Content: Content, metadata and usage data are immediately, openly and freely available in machine-readable format via open standards, and using licenses (like CC0, CCBY or similar) which facilitate reuse.

We realise that these principles may not have been developed with your type of service or infrastructure in mind; but we'd like to ask you to explore this anyhow.

* 40. How far are you on the path to Open (relating to the above principles)?

	Planning	Implementing	Mature	N/A
Good governance	◯	◯	◯	◯
Open Standards	◯	◯	◯	◯
Fair Data Collection	◯	◯	◯	◯
Transparent Pricing & Contracts	◯	◯	◯	◯
Easy Migration	◯	◯	◯	◯
Succession Planning	◯	◯	◯	◯
Open Content	◯	◯	◯	◯

41. We'd be interested in hearing about examples of your open practice. You may share up to three examples.

42. Please share any challenges you have in being more open related to any of the principles. Only where relevant.
Please note that these will not be taken into account when assessing how much of an open champion you are.

Good governance

[ ]

Open Standards

[ ]

Fair data collection

[ ]

Transparent Pricing & Contracts

[ ]

Easy Migration

[ ]

Succession Planning

[ ]

Open Content

[ ]

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Closing

43. If you would like to provide additional information about this OSI, or feedback regarding this survey, please do so here.

* 44. May we contact you for the second part of this survey in June 2020?
This will include questions related to your OSI's technical design, your community and sustainability.

　⃝　Yes

　⃝　No

* 45. Would you like to be informed of the outcomes of the study?

　⃝　Yes

　⃝　No

* 46. May we contact you for follow-up-questions if necessary?

　⃝　Yes

　⃝　No

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Thank you

Thank you for taking this survey. SPARC Europe will analyse the data and the results will be shared in the next months.
If you have shared your contact details, a copy of the report will be emailed to you as soon as results are made available.

If you have consented to be contacted for more information, we may reach out to you in the coming weeks using the contact details you provided.