SPARC✳ Europe

Diversity in infrastructure needs co-ordination: the European way in the global context of open scholarly communication

JNSO 2019, Paris, 19 Nov 2019
Vanessa Proudman, Director, SPARC Europe

Imagine a world where ….

* Open is the default …

* Enabled by an open infrastructure

* Powered by a diverse and connected infra

* Open principles are followed

* In line with academic values

* Communities innovate, fund, and sustain it: academy, govt, funders, publishers, individuals

* Transparency, trust, equity are central

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Science in the Open

The online home of Cameron Neylon

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Principles for Open Scholarly Infrastructures

23 FEBRUARY 2015   14 COMMENTS

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infrastructure |ˈɪnfrəstrʌktʃə| (*noun*) – the basic physical and organizational structures and facilities (e.g. buildings, roads, power supplies) needed for the operation of a society or enterprise. – *New Oxford American Dictionary*

Everything we have gained by opening content and data will be under threat if we allow the enclosure of scholarly infrastructures. We propose a set of principles by which Open Infrastructures to support the research community could be run and sustained. – Geoffrey Bilder, Jennifer Lin, Cameron Neylon

Over the past decade, we have made real progress to further ensure the availability of data that supports research claims. This work is far from complete. We believe that data about the research process itself deserves exactly the same level of respect and care. The scholarly community does not own or control most of this information. For example, we could have built or taken on the infrastructure to collect bibliographic data and citations but that task was left to private enterprise. Similarly, today the metadata generated in scholarly online discussions are increasingly held by private enterprises. They do not answer to any community board. They have no obligations to continue to provide services at their current rates, particularly when that rate is zero.

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Good Practice Principles for Scholarly Communication Services

COAR and SPARC have developed seven good practice principles to ensure that scholarly communication services are transparent, open, and support the aims of scholarship. These principles can be used by users to make decisions about which services they will contract with, and by service providers to improve their practices and governance

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.

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 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.
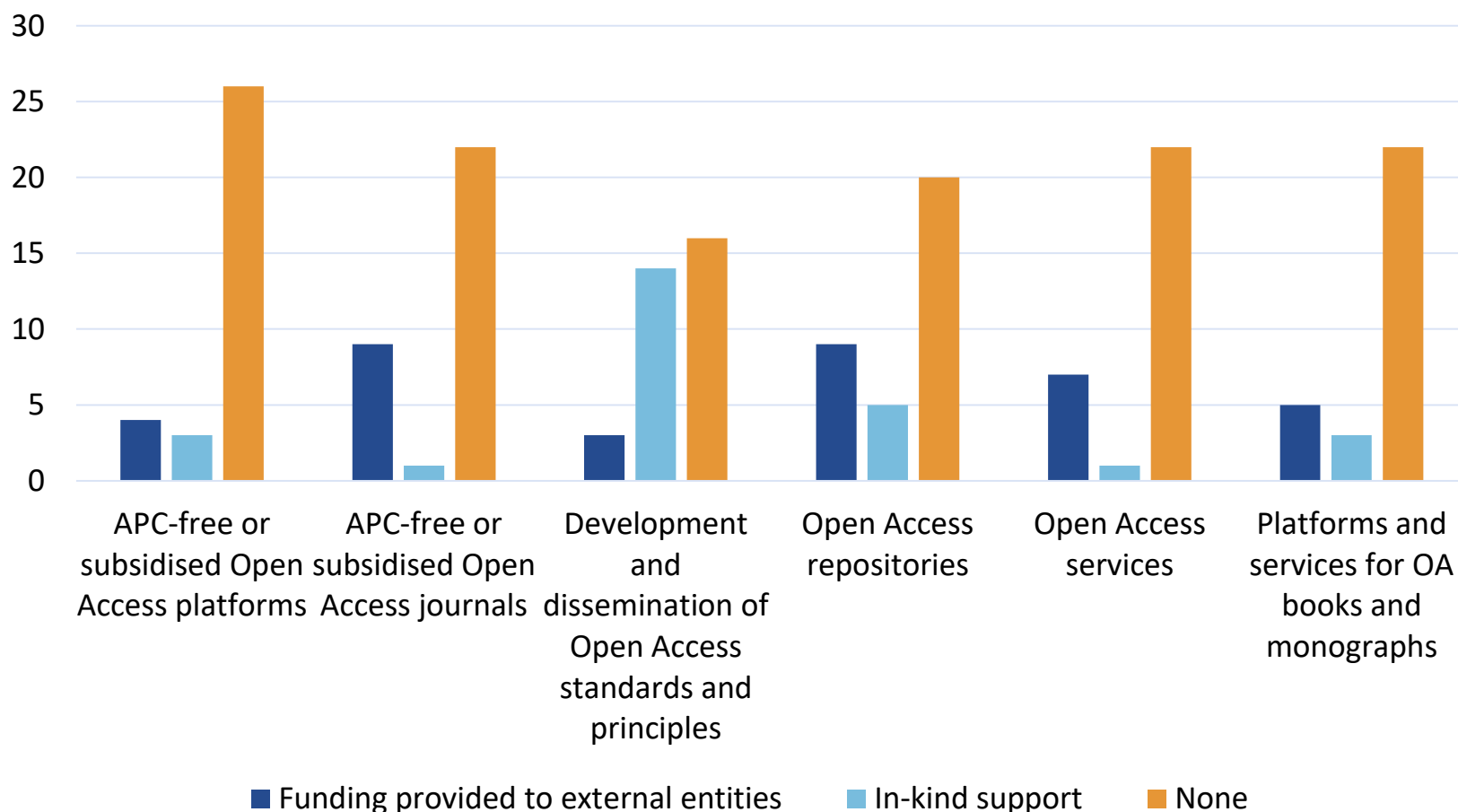
OPEN CONTENT

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

COAR SPARC*

https://sparcopen.org/our-work/good-practice-principles-for-scholarly-communication-services/attachment/sparc-good-practice-principles-v4-2/

Support provided to **Open Access** initiatives by funders with an OA policy

Legend: ■ Funding provided to external entities   ■ In-kind support   ■ None

We seek …

an innovative, diverse, interconnected, working,
transparent, trustworthy and equitable
scholarly communication
ecosystem and society

10 pre-requisites for a sustainable infra ecosystem

1. Develop a scholarly infrastructure landscape that promotes diversity, one that is more co-ordinated; a commons.

2. A balance of power needs to exist, since more infrastructure must be shared and built upon together, where both collaboration and competition thrive.

3. Engage and model on existing scholarly communication infrastructure networks to build a healthier connected ecosystem that integrates and works.

https://investinopen.org/

Invest In Open Infrastructure

Our goal is to obtain stable and consistent funding from across the globe to sustain open science infrastructure

IOI's 2 functions

1. Assess & Recommend

Provide a Framework to **regularly survey the landscape** of open scholarly infrastructure with respect to its **functionality, usage, health and financial needs** and make **funding recommendations** for that infrastructure

2. Co-ordinate Funds

Following the recommendations of the Framework, explore how to **co-ordinate financial resources** from institutions, agencies and foundations, **to increase the overall amount and impact of funding** available to emerging and critical infrastructure

JNSO 2019

10 pre-requisites for a sustainable infrastructure ecosystem

4. Establish a solid understanding of the research system, funding, and infrastructure offering to develop a successful strategy for funding infrastructure.

5. Streamline not-for-profit infrastr. back-offices to manage admin processes, marketing and other challenges more easily and efficiently.

6. To fund infrastructure, Open Science policy matches with practice so that infrastructure acquires the funding it needs. E.g. Funds are made available for scholarly infrastructure through more national Open Research or Open Science funds, as seen in France, for example.

10 pre-requisites for a sustainable infrastructure ecosystem

7.   Consolidate more funding streams among and across stakeholders to reach infrastructure goals more rapidly.

8.   Make scholarly infrastructure a fixed budget line for ministries, funders, the research institution and its libraries, for learned societies, and service providers.

9.   Simplify payment mechanisms for those who wish to fund and for those who acquire funding.

10. And, last but not least, consistently collaborate regionally, nationally and internationally for a global solution to sustain scholarly infrastructure.

Global Sustainability Coalition
for Open Science Services

https://www.scoss.org

SCOSS is

SC◯SS endorses infrastructure for investment

Infra = Infrastructure
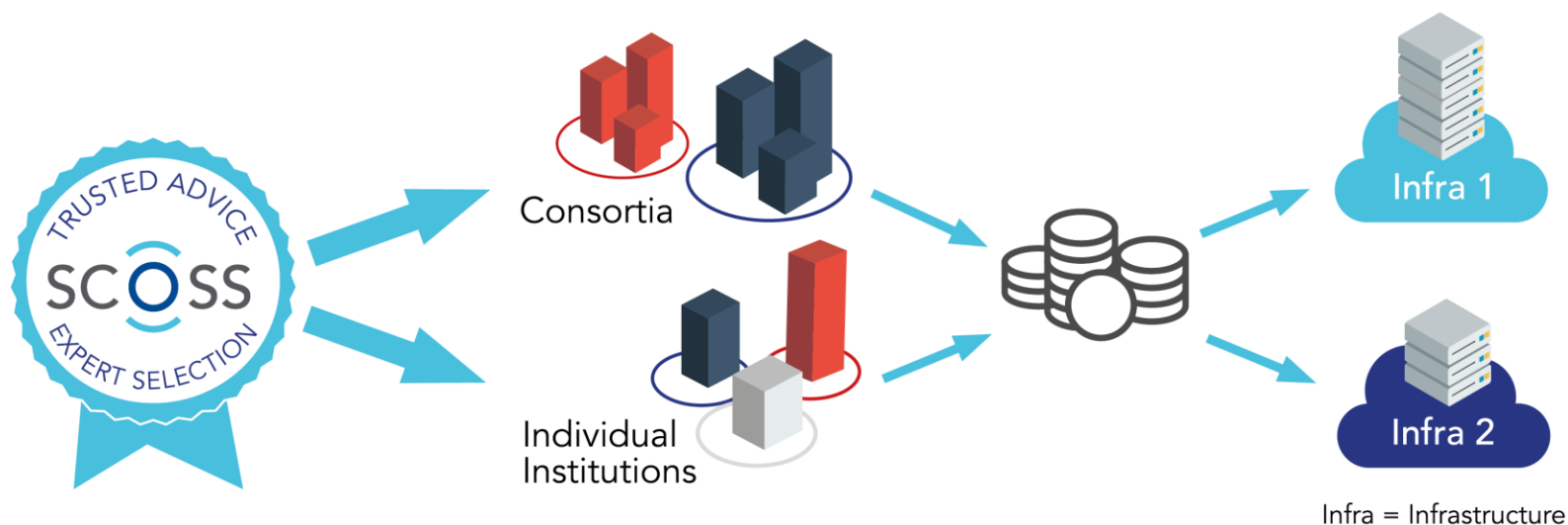
SCOSS Full Members, Nov 2019

Current funders, over 200

We are a growing network of global institutions committed to helping secure the future of Open Access.

Will you join us?

Join

Key results, Nov 2019

✳ 1 pilot, evaluated. Integration of lessons learnt

✳ 2nd funding cycle about to begin

– 3 infra selected

✳ > 1,6 m euros in commitments by > 200 orgs

Library consortia:
CAN, CH, FR, LU, SE, NO, UK, US

Thank you for listening

Any questions or
comments?vproudman@sparceurope.org