



Better connecting Europe through Open Science, vision and role of LIBER

Julien ROCHE, LIBER President

-

Fiesole Retreat

Basel, Switzerland, May 4th, 2023



450
libraries

**DEVOTED TO
OPEN SCIENCE**

Policies, tools and infrastructures - reshaping research processes and mindsets in favour of Open.

ONE
mission

**ENABLE WORLD-CLASS
RESEARCH**

Knowledge and training so that libraries can support outstanding research and — by extension — the growth and sharing of knowledge.



Powering Sustainable Knowledge in the Digital Age



How LIBER Is Organised?



Research Landscape Vision 2022

- 1 **Open Access** is the main form of publishing.
- 2 **Research Data** is Findable, Accessible, Interoperable and Reusable (FAIR)
- 3 **Digital Skills** underpin a more open, transparent research life cycle.
- 4 **Research Infrastructure** is participatory, tailored and scaled to the needs of diverse disciplines
- 5 **Cultural Heritage** of tomorrow is built on today's digital information

Open Science was already underpinning each area of the 2017-2022 strategy



Main Activities

Networking | Learning | Training | Advocacy | International projects

And a large network of partners, from libraries and beyond
<https://libereurope.eu/partners/>

220+

Volunteers Powering Our Working Groups,
Committees & Executive Board.

International Network

LIBER works with partners and stakeholders around in Europe and around the world

-

We as LIBER are a network-based organisation



Main events

Networking and learning with **400+** research library professionals.

Keynote Speakers. Workshops. Social Events.

- 2022 Budapest, Hungary – LIBER Journées (18-20 May)
- 2022 Odense, Denmark – annual conference (6-8 July)
- 2022 Amsterdam, the Netherlands – Winter event (1-2 December)
- 2023 Budapest, Hungary – annual conference (5-7 July)
- 2023 Florence, Italy – Winter event (23-24 November)





Resources & Guidance

Alerting our network to top trends and issues through reports, factsheets and other resources.

www.libereurope.eu/resources



Leadership Programmes

Equipping librarians to deal with new challenges through **strong** and **effective** leadership, Open Science is one of them, and a major one.

Two programmes for:


- [Emerging Leaders](#)
- [Library Directors](#) (*LIBER Journées*)





Advocacy

- **Campaigning** for important library/research-related topics.
- **Serving** as a member of the European Open Science Cloud Association (EOSC).
- **Responding** to proposed legislation.
- **Presenting** the perspectives of research libraries to politicians and other stakeholders.



**Open Science is a hot topic
when it comes to advocacy**

International Projects

We bring to projects the strengths and expertise of our network, in areas such as:

- Leading the uptake of **Open Science** practices
- Promoting **Innovative Scholarly Communication**
- Supporting the development of **digital skills** and associated training activities
- Fostering the development and use of **research (e)infrastructures and services**

Open Science is addressed through many European projects, and LIBER has a large projects portfolio

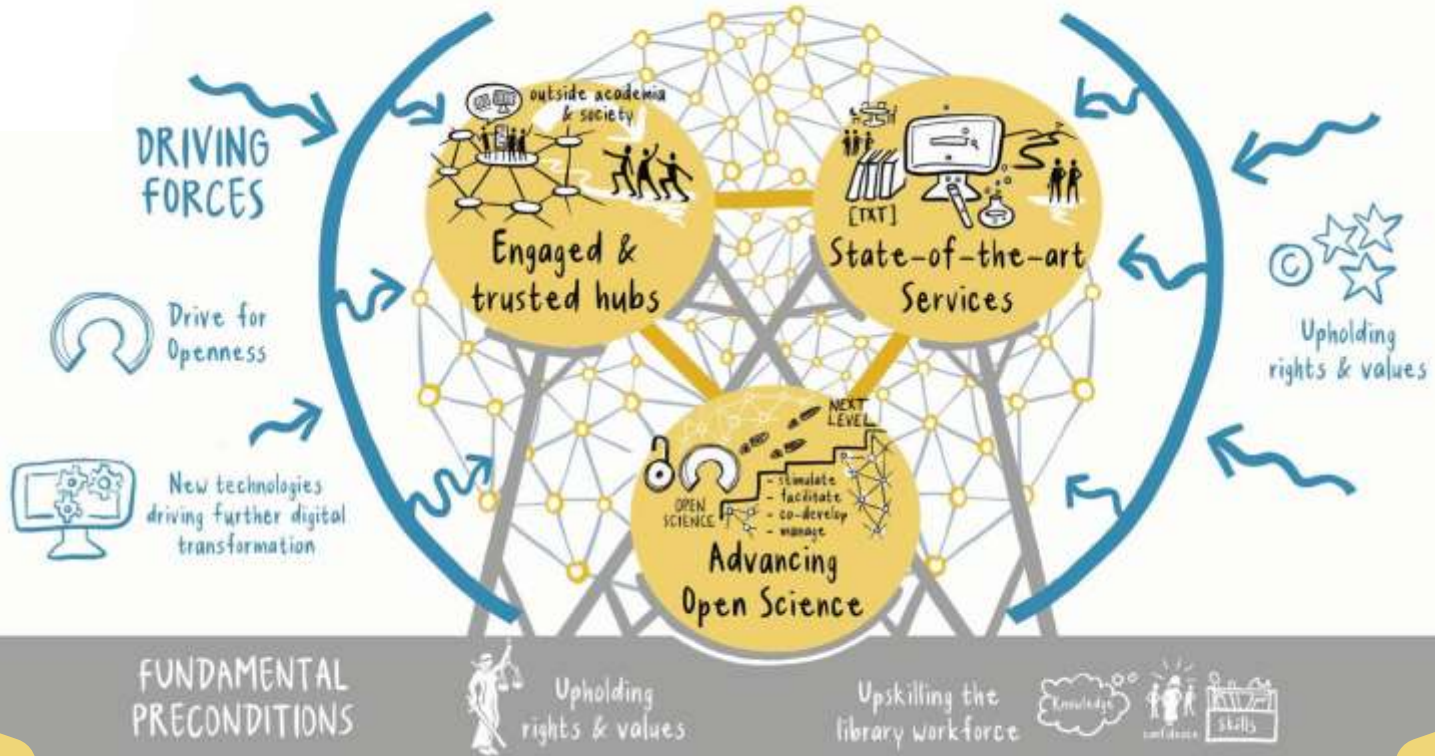




LIBER
New Strategy 2023-2027
-
focus on Open Science



LIBER'S VISION FOR RESEARCH LIBRARIES IN 2027



C. ADVANCING OPEN SCIENCE



By 2027, in collaboration with researchers, research libraries stimulate, facilitate, co-develop and manage infrastructures and practices designed to take Open Science to the next level.

LIBER's priorities to achieve this vision are :

1. INNOVATIVE ROADS TO OPEN ACCESS

Facilitating multiple, innovative roads to Open Access that establish a default setting of diverse, inclusive, and sustainable access to scholarship and research communication.

2. FAIR RESEARCH DATA BY DESIGN

Supporting and advocating the collaborative development and management of FAIR research data.

3. SHAPING AND SUPPORTING OPEN SCIENCE POLICIES AND PRACTICES

Transforming good practices into policies and policies into good practices.

4. OPENING UP ACCESS TO EDUCATIONAL RESOURCES

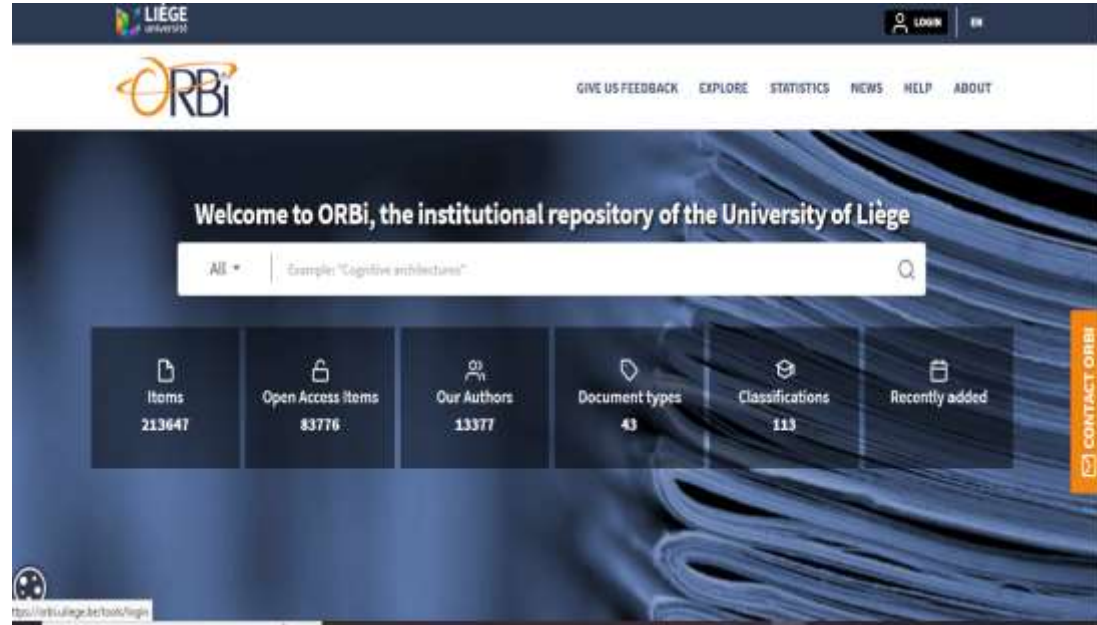
Supporting the creation, access, and usage of Open Educational Resources.

5. RESEARCH ASSESSMENT

Partnering with academia to advance, adopt and implement responsible frameworks for research assessment.

What role for LIBER to support (academic libraries in) Open Science?

Fully achieving Open Science (OS) will be a long and tricky journey



Universities and policy makers need to build consistent OS strategies and action plans over decades, libraries are key for this continuity

LIBER and Other Major Stakeholders Launch Joint Strategy to Strengthen the European Repository Network

Posted: 18-01-2023

Topics: Repositories COAR Open Aire Open Science SPARC



Launch / sustain / support initiatives at a European / global level, like this one altogether with COAR

Towards a 2030 Vision on the Future of Universities in Europe

Policy Report

Independent
Expert
Report

Strengthening the role of university libraries in the provision of open science services to researchers.

Universities need to develop permanent teams to be able to provide open science services to their researchers and not only rely on external funding through research calls ... Libraries are in the process of developing such services, but these need to be supported with sustainable funding. Universities need to develop a holistic strategy on OS that includes funding provision to ensure adequate staffing. As there are growing teams dedicated to OS, open data and digitalisation in libraries within universities, this may be useful in helping universities to develop more effective OS implementation strategies over the longer term.

Be part of the panel discussions, comment on the draft policy reports and bring useful and relevant content to the final version

OS has to be addressed in a larger perspective – the example of the data life cycle

News · Digital Competence Centers at knowledge institutions forging ahead

Digital Competence Centers at knowledge institutions forging ahead

29 June 2022

The Digital Competence Centers (DCCs) are still relatively unknown among researchers within universities and research institutions, even though many of them receive requests for support in the area of data, software and computing. This is why, two years ago, NWO organised a funding round for local DCCs. What have the 22 institutions awarded funding achieved so far? Researchers are benefitting from the DCCs: 'Drawing up a data management plan was quite a challenge, but our FAIR data steward really helped us along.' The national coordination point LCRDM knows more about the overall progress.



If not done yet, universities urgently need to define a global strategy, from openness to closeness, for the research community and beyond, with input from libraries



FAIRness of Repositories & Their Data

*A Report from LIBER's
Research Data Management
Working Group*

Ivanović, Dragan, Schmidt, Birgit, Grim, Rob, & Dunning, Alastair. (2019, June 21). FAIRness of Repositories & Their Data: A Report from LIBER's Research Data Management Working Group. Zenodo.

<https://doi.org/10.5281/zenodo.3251593>

Produce reports to help communities developing strategies and implementing new emerging practices

A major cultural change regarding OS through massive advocacy and training is expected



Libraries have become years ago important trainers, teaching “library and information science”, and OS is in the portfolio

Publication detail

Home > Publication detail > Providing researchers with the skills and c...

+ Add to my publications Create alert Permanent link Metadata RDF Embed in website



EU publications

★★★★★ Rate this publication

Providing researchers with the skills and competencies they need to practise Open Science

The Expert Group on Education and Skills under Open Science presents in this report a detailed study of the skills and competencies researchers need to practise Open Science. The report provides the results of a survey amongst researchers in Europe on their perceptions on Open Science policies and practices and then focuses on the specific skills researchers need for Open Science. The report concludes with policy recommendations for stakeholders at a European, national, and institutional level to raise awareness, train, support, and encourage researchers in Open Science.

European Commission, Directorate-General for Research and Innovation, O'Carroll, C., Hyllseth, B., Berg, R., et al., *Providing researchers with the skills and competencies they need to practise Open Science*, Publications Office, 2017, <https://data.europa.eu/doi/10.2777/121253>

Take part in EU expert groups to produce recommendations and guidelines



Section 1
CITIZEN SCIENCE
SKILLING FOR
LIBRARY STAFF,
RESEARCHERS,
AND THE PUBLIC

Section Editor: *Atko Ståland Håkonsen*
From the LIBER Citizen Science Working Group

#skilling

Citizen Science for Research Libraries — A Guide

<https://libereurope.eu/article/book-launch-citizen-science-skilling-for-library-staff-researchers-and-the-public/>

Produce ready-to-use content when needed, for libraries as well the broader public

Upskilling the workforce in libraries is essential to support OS

← Events

LIBER Emerging Leaders Programme (Cohort 5 & 6)

📅 03 May 2022 - 05 May 2022

🕒 09:00 - 18:00

📍 ENSSIB, Lyon



Continuous upskilling and workforce development are on the way, but there is a need to speed up and extend beyond libraries themselves



Produce reusable raw material for our community and beyond, See

<https://www.unesco.org/en/open-science/capacity-building-index>

Citizen-Enhanced Open Science in Southeastern Europe (CeOS- SE)

- Raise awareness of mainstream Open Science and Citizen Science practices in Southeastern European countries, specifically in countries that have been seen to perform less well in OS or CS.
- Transfer knowledge regarding OS and CS from countries more developed in these areas.
- Empower academic libraries in Southeastern European countries to develop further as knowledge hubs by upskilling staff when it comes to OS and CS.

Lead / take part in EU funded projects to tackle new challenges...



Open Research Europe (ORE)

- New publishing platform launched by the European Commission.
- The platform will provide all H2020 and Horizon Europe beneficiaries and their collaborators with an easy, high-quality venue to publish Horizon 2020 and Horizon Europe funded research at no cost and in full compliance with the Commission's open access policies.

... in various areas...



Social Sciences and Humanities Open Cloud (SSHOC)

- SSHOC will make data, tools and training available and accessible for users of SSH data.
- It will encourage secure environments for sharing and using sensitive and confidential data.
- SSHOC contributes to the Open Science agenda and the realisation of the European Open Science Cloud (EOSC).

...with many stakeholders



To achieve this shift to OS, we need to be fairly ambitious and systematic in universities

BerlinUP

Berlin Universities Publishing ist ein Open-Access-Verlag in einer nichtkommerziellen, wissenschaftseigenen Infrastruktur und mit einer allgemeinen, verlagsunabhängigen Publikationsberatung.

BerlinUP wird gefördert von der Berlin University Alliance und gemeinschaftlich getragen von den Bibliotheken der Freien Universität Berlin, der Humboldt-Universität zu Berlin, der Technischen Universität Berlin und der Charité – Universitätsmedizin Berlin.



The image displays three panels, each with a representative image and a text description of a service offered by BerlinUP. The first panel shows a stack of books on a desk with a tablet on top. The second panel shows a stack of books with a purple glow. The third panel shows a compass on a surface with a grid pattern.

- BerlinUP Books**
Wir publizieren Monographien, Sammelbände und Schriftenreihen für Angehörige der Berlin University Alliance.
- BerlinUP Journals**
Wir publizieren Open-Access-Zeitschriften für Angehörige der Berlin University Alliance.
- BerlinUP Beratung**
Wir unterstützen Angehörige der Berlin University Alliance bei allen Fragen zum Open-Access-Publishing, auch unabhängig von den Publikationsangeboten in BerlinUP.

Where systematic and comprehensive changes towards OS are happening, libraries are part of this shift, when they are not, the shift is limited and slower



Demmy Verbeke
Head of KU Leuven Libraries Artes and Associate Professor of Open Scholarship, KU Leuven, Belgium

Demmy Verbeke is responsible for library collections and services for the Arts and Humanities and contributes to the strategic development and operational management of KU Leuven Libraries as a whole as a member of the management team with primary responsibilities for research. Demmy combines this position in the library with an appointment at the Faculty of Arts of KU Leuven. His research primarily focuses on non-profit and community-driven forms of scholarly communication in the humanities.



Julien Roche
President of LIBER

Julien Roche previously served as Director of the Libraries of the University of Lille – Sciences and Technologies from 2005 to 2018, where he led a strategic project for the university: the creation of the LILLIAD Innovation Learning Center, to support the innovation process of the university. Following a merger of Lille's three universities he became, in March 2018, Director of Libraries at the newly enlarged University of Lille.

From 2010 to 2016, Julien served on LIBER's Executive Board. He was also Chair of the LIBER Steering Committee on Reshaping the Research Library and led the Leadership Working Group, which is responsible for two leadership programmes: the Emerging Leaders programme (part of the LIBER brand since 2011) and the LIBER *Journées* programme, launched in 2015. In July 2018, he was elected as LIBER Vice-President. In July 2022, he was approved as LIBER President.

Julien Roche also has several national responsibilities including co-chair of the French training professional programme for newly appointed university library directors, and co-chair of the 'European and international' college of the French Open Science Committee since July 2018.

What is the role for academic libraries in Open Science? - 18 October 2022

Deliver speeches and papers during influential events outside the library world, altogether with LIBER members



SCIENCE EUROPE

Conference on Open Science

18 and 19 October 2022

SCIENCE
EUROPE
Shaping the future of research



Researchers and research communities face many tricky issues on the way to OS



Plan S
Making full & immediate
Open Access a reality

The Author's Rights Quiz
How well do you know your rights as an author?

Let's find out! press Enter >

The more complex issues are, the simpler things have to be, so that researchers can concentrate on research. Libraries are the effective interfaces for OS side-issues.

LIBER wants #ZeroEmbargo on Publicly-Funded Scientific Publications.

While the COVID-19 pandemic has surfaced the **virtues of Open Access** and propelled changes in scholarly communication that previously many feared, the current models of communicating scientific content still maintain **unequal access to content**.

On the other side of this highly regulated and controlled system, advocates of Open Access are exploring lawful ways to enable researchers to **freely disseminate their research and maximize its impact**.

The [Rights Retention Strategy of PlanS](#) (COAlitionS) is a much-welcomed initiative that **empowers authors** to be in control of their own research and the granting schemes of HorizonEurope is another bold move by the European Commission in the same direction. It is now time that **policies like these are implemented in all EU Member States** and that the countries themselves have the same coordinated and horizontal approach.

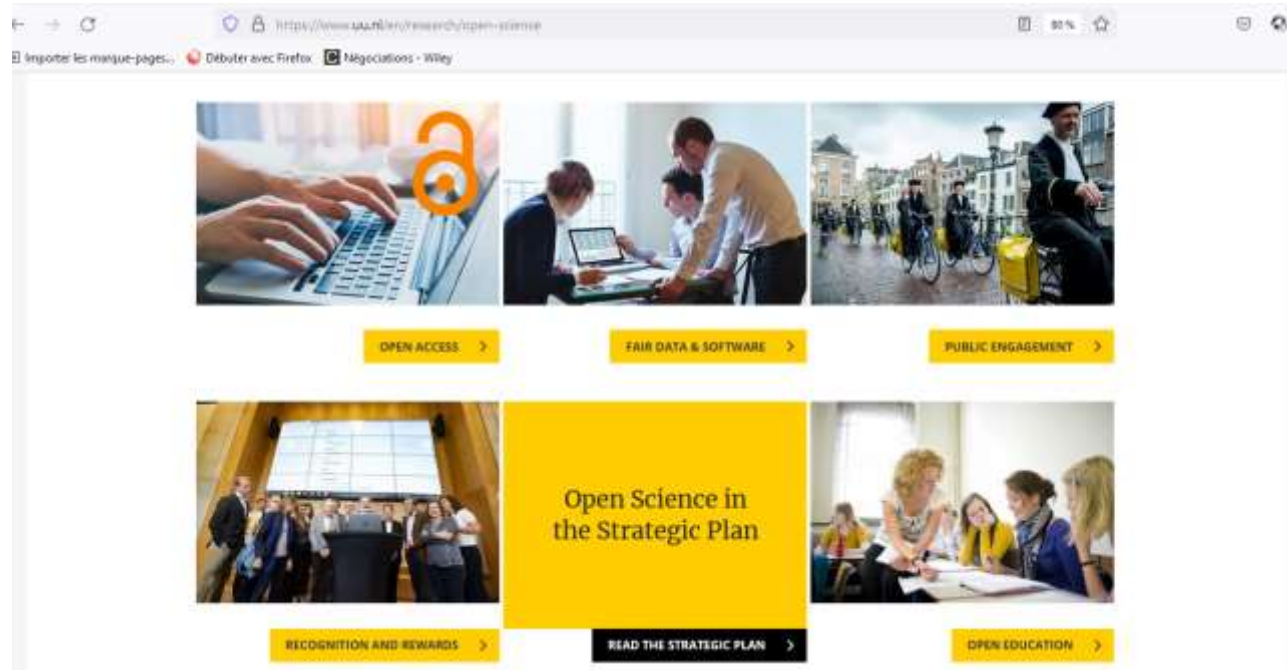
Therefore, LIBER proposes a **new model law** that aims to ensure a **zero embargo** period for lawful self-archiving on open, public, non-for-profit repositories.

[Read our model law here](#)



**Take useful initiatives for
our research community
and connect them to the
Open Science ecosystem**

To achieve OS, policies need to be transformed into practices, and the other way round



Libraries have a key role to play in the virtuous circle in order to transform OS policies into practices, and the other way round.

LIBER Open Access Working Group: Statement on Plan S Guidelines

Posted: 09-12-2019 | Topics: Open Access, Plan S, Strategy



The recently published guidance for the implementation of Plan S offers welcome new details on how full and immediate Open Access to research publications would be achieved under this new initiative.

As LIBER stated in September, when Plan S was first announced, we fully support the ambitions of Plan S. It aligns with LIBER's 2018-2022 Strategy – specifically our goal to make Open Access the main form of publishing – and our Open Science Roadmap. Within this new guidance, we are pleased to see that the green route to Open Access has been acknowledged as we believe there is no single route to Open Access.

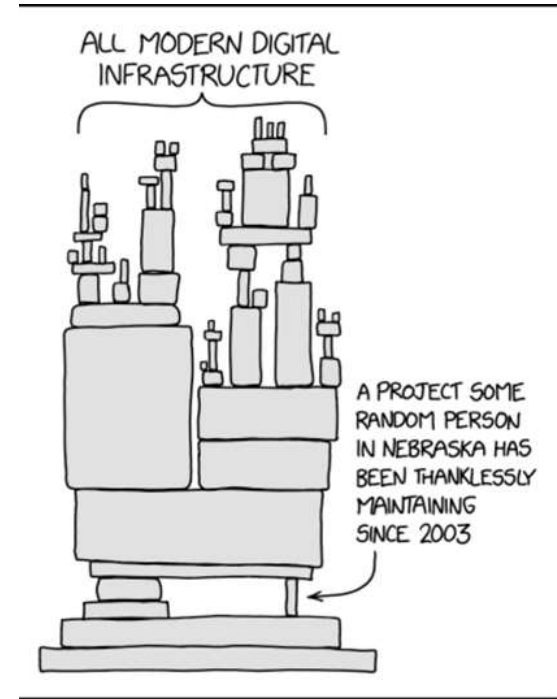
LIBER calls on its research libraries to support Plan S by:

LIBER calls on its research libraries to support Plan S by:

- **Negotiating** transformative Open Access agreements with publishers with the next renewal. Libraries can follow LIBER's [Five Principles for Negotiations with Publishers](#);
- **Raising** awareness about the new requirements and training researchers so that they can meet these standards;
- **Developing** institutional repositories which support the Plan S mission, and encouraging and supporting researchers and students to use these repositories;
- **Supporting** and helping to develop global Open Access infrastructure, such as the Directory of Open Access Journals via SCOSS;
- **Directly facilitating** Open Access as publishers of information, rather than only curating it for access and long-term preservation.

Make statements and spread them through the LIBER community to sustain policies and practices

OS relies on a fragile and complex ecosystem



XKCD : <https://xkcd.com/2347/>

Libraries play an important role to monitor, sustain and develop this OS ecosystem, but they need help and support.



**SUSTAINING
THE OPEN**

**HELPING SECURE THE VITAL
INFRASTRUCTURE ON WHICH
OPEN SCIENCE DEPENDS**

Everything you need to know about SCOSS

What's next for SCOSS?

Join the upcoming SCOSS-LIBER webinar to find out more about the future of SCOSS.

Who Can Join?

This webinar is open to all, including RFOs and other funders, RPO, including universities and other academic institutions, societies, infrastructure providers, OA advocates, and researchers.

Since its establishment in 2017, the Global Sustainability Coalition for Open Science Services (SCOSS) has supported eight Open Science Infrastructure services determined through a rigorous vetting process to be 1) crucial to an international researcher base, and 2) in need of financial support to secure a sustainable funding path.

A graphic for a webinar featuring a blue rectangular box with white text. The background of the graphic is a colorful, abstract pattern of overlapping circles and lines, resembling a globe or a network. The text inside the box reads: 'What's next for SCOSS? Designing SCOSS's future with the community WEBINAR'.

What's next for SCOSS?
Designing SCOSS's future with the community
WEBINAR

Be part of relevant initiatives

Research assessment needs a major reform in the context of Open Science

The screenshot shows the BiblioLabs website interface. At the top, there is a dark purple header with the text 'université PARIS-SACLAY BiblioLabs' and a 'Log In' button with a French flag icon. A dark sidebar on the left contains navigation links: 'Home', 'Definition', 'Institutes', and 'BiblioHAL'. The main content area is white and features a 'Welcome to BiblioLabs' heading. Below this, a text box explains that BiblioLabs is an application for aggregating, comparing, and analyzing bibliographic and bibliometrics data. A 'Recent documents' section follows, with a sub-heading 'Last documents published by researchers from Université Paris-Saclay'. It includes a 'Show 20 entries' dropdown menu and a search input field. At the bottom, a table header is visible with columns for 'Title', 'Authors', 'Date of publication', 'Laboratories and Institutes of Université Paris-Saclay', and 'Source'.

The reform of the evaluation system is research-driven, but libraries as OS key players can bring useful support

OCLC & LIBER Open Science Discussions

Posted: 20-10-2020

Topics: OCLC Open Science



OCLC and LIBER: Joint discussion series on Open Science

OCLC and LIBER initiated a discussion series on Open Science that was held through various webinars and discussion groups. This joint initiative aligned efforts between research libraries in both Europe and North America. Discussions took place from the 24th September – 5th November 2020.

The series, based on the [LIBER Open Science Roadmap](#), helps guide research libraries in envisioning a support infrastructure for Open Science (OS) and determining their role on the topic at local, national, and even global levels.

Develop on our own or with our partners webinars for our members regarding OS

Issues for LIBER and network of libraries regarding Open Science. 1/2

- Open Science issues and landscape are in rapid evolution, **LIBER needs to remain very agile**
a dedicated steering committee, the need to create tailored working groups, the issue of engaging with our members to keep them in the move
- **Shift part of our efforts** from twin associations **to complementary partners**
libraries associations / universities associations – NGOs – international institutions...
- **Think and network globally, act at the European level, connect with the national and local networks**, to amplify efforts
strengthening the link between the 4 layers : local / national / european / global
- **Make sure our voice is heard**
use the different channels of communication as much as possible, embody the vision through strategic speeches, support local / national efforts

Issues for LIBER and network of libraries regarding Open Science. 2/2

- **Do not duplicate efforts unnecessarily**
where some stakeholders are more relevant, sustain and amplify
- **Showcase and strengthen our expertise and credibility**
Being part and leading EU projects are key for that, taking part in reports and publications is helping
- **Help** our community in **getting access to up-to-date and relevant information**, where initiatives are stakeholders are numerous, creating a blurred and complex environment
Provide regularly up-to-date informations to the network (see LIBER insider)
- **Create content for reuse** by the community and beyond
Provide end users and decision makers with some useful content, in order to be reusable in their own content



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LIBER President

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University Librarian

Director of the libraries and learning center

Chief data officer

University of Lille

**Co-chair of the European and international
college, French national Committee for Open
Science.**

<https://www.ouvrirlascience.fr>