



# LIBER STRATEGY: IMPLEMENTATION

Focus on Open Science, Chapter IX: Budapest

*Astrid Verheusen, Executive Director  
LIBER*

*Budapest, 15 November 2018*



# EUROPE'S RESEARCH LIBRARY NETWORK

## Founded in 1971

Research libraries  
working together  
for nearly 50 years

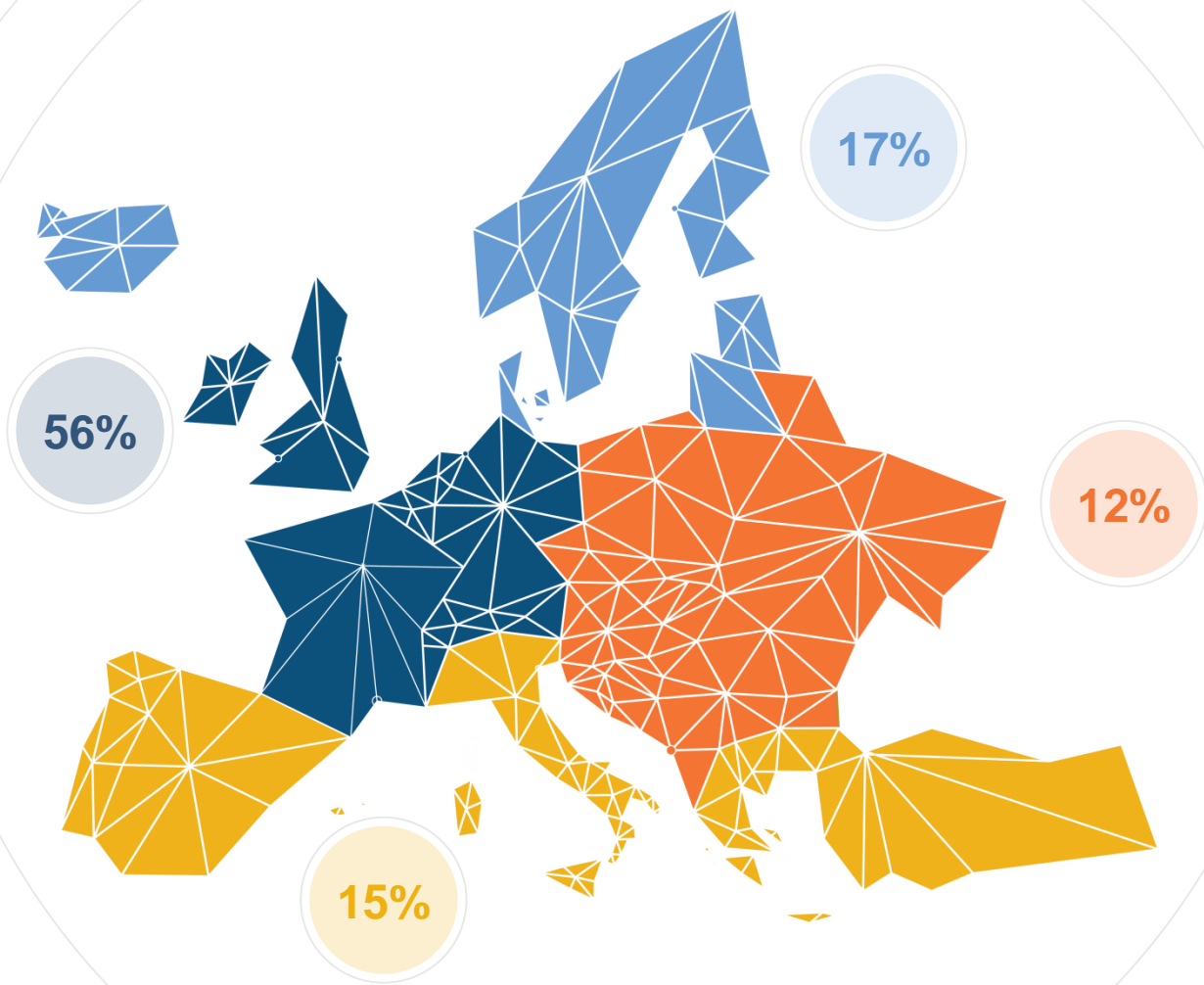
## 440 Libraries

National and  
university libraries,  
plus special  
libraries, consortia  
and individuals

## 40 Countries

One third of LIBER  
libraries are  
located in southern  
and eastern  
Europe







**Together with its  
libraries and partners,  
LIBER aims to enable  
world-class research.**

# WORLD-CLASS RESEARCH IS:

Collaborative

International

Cross-discipline

Increasingly data intensive

Open

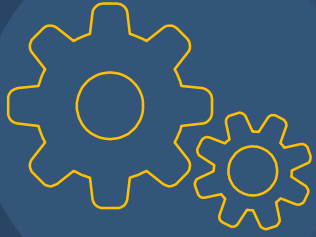




# WHY IS LIBER HERE TODAY?

LIBER can support the transition to Open Science:

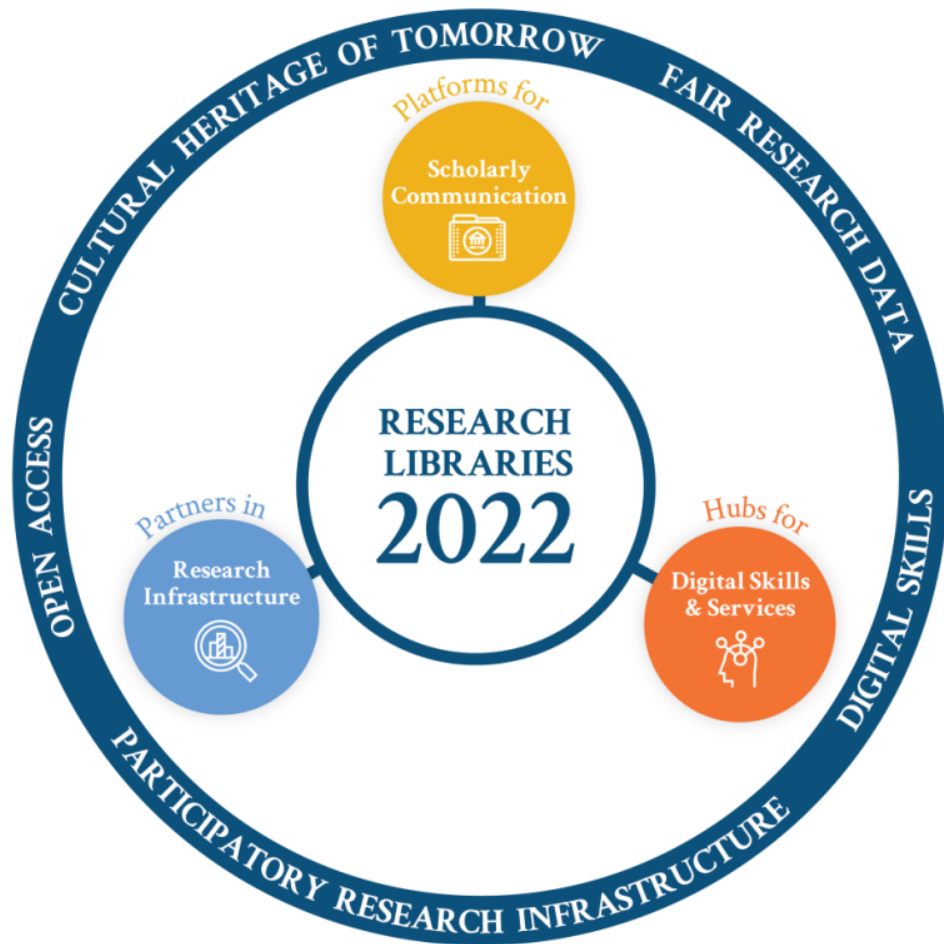
- What is the role of academic libraries in supporting the transition to Open Science?
- Is there indeed a role for libraries at all?



# STRATEGY & ORGANISATION



# POWERING SUSTAINABLE KNOWLEDGE IN THE DIGITAL AGE





# VISION: THE 2022 RESEARCH LANDSCAPE

## Open Access

The main form of publishing

## Research Infrastructure

Participatory, tailored and scaled to the needs of diverse disciplines

## Research Data

Findable, Accessible, Interoperable and Reusable (FAIR)

## Cultural Heritage

Tomorrow's cultural heritage built on today's digital information

## Digital Skills

Underpinning a more open, transparent research life cycle



# HOW LIBER IS ORGANISED



# JOIN A WORKING GROUP

**Broaden** your network.

**Share** knowledge.

**Everyone working in a LIBER library  
is welcome!**





# EVENTS & ACTIVITIES



# ANNUAL CONFERENCE

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

Keynote Speakers. Workshops.  
Social Events.

**2019** Dublin, Ireland (26-28 June)

**2020** Belgrade, Serbia

[www.liberconference.eu](http://www.liberconference.eu)



# LEADERSHIP SEMINARS

Equipping librarians to deal with new challenges through **strong** and **effective** leadership.

**Two programmes:** for rising stars and current directors.



# FUNDED PROJECTS

Raising the **profile** of research libraries in Europe and globally.  
Ensuring the **values** and **needs** of research libraries are taken into account.  
Aligning with, and contributing to, **LIBER's Strategy**.



# ADVOCACY

**Serving** on the European Commission's  
Open Science Policy Platform

**Responding** to proposed legislation

**Presenting** the library view to politicians  
and other stakeholders





# RESOURCES & GUIDANCE

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

[www.libereurope.eu/resources](http://www.libereurope.eu/resources)

## 3. Service Development

These recommendations focus on service development by reusing existing services and tools and returning them to the community of academic libraries. Reuse and mash-ups of tools, data, methods, and services, as well as standardisation and interoperability, are critical for exhaustive provision of responsible services around scholarly metrics. This enables tailoring services to the needs of academic libraries and increases the reusability of services and tools. This is especially important for small and medium-sized libraries that lack manpower and are therefore the main beneficiary of collaborative and open service development.

- 3A. JOIN FORCES WITH STAKEHOLDERS TO PROVIDE SERVICES REUSING EXISTING RESOURCES, TOOLS, METHODS & DATA.
  - Start with enriching existing sources and databases at your library (e.g., add scholarly metrics to the CRS and/or institutional repository).<sup>10</sup> Learn about scholarly metrics via any available means including blogposts, webinars, workshops, and courses.<sup>11</sup>
- 3B. VALUE VARIOUS LEVELS OF ENGAGEMENT FAVOUR STANDARDIZED, WELL-ESTABLISHED PRACTICES & EASY-TO-USE TOOLS.
  - Find and define tasks that researchers can do by themselves, such as updating user profiles on social media platforms. Do it Yourself-level of engagement.
  - Learn about scholarly metrics via any available means including blogposts, webinars, workshops, and courses.<sup>11</sup>

## TDM EXCEPTION

FOUR ESSENTIAL POINTS FOR COPYRIGHT REFORM

On behalf of the open European research libraries, LIBER is calling for four essential points to be included in the Text and Data Mining (TDM) Exception proposed by the European Commission as part of its copyright overhaul for the Digital Single Market. These points must be addressed if a TDM exception is to be effective for Europe's research community.

- 1. MAKE THE TDM EXCEPTION MANDATORY & NON-DISCRIMINABLE.**  
Such provisions are already included in the Commission's proposal (Articles 17, 18, and 20) and in the draft bill report. The welcome file approach. The Commission's proposal, Article 17, allows rightsholders to apply measures to ensure the security and integrity of the repository and database. A clarification is needed that technical measures may not be used to prevent beneficiaries from exercising their rights under an exception, or to impose unreasonable limitations on how TDM is performed.
- 2. INCLUDE LIBRARIES & ALL PERSONS WITH LAWFUL ACCESS TO CONTENT AS BENEFICIARIES**  
The beneficiaries of the TDM exception should be extended to include all persons with lawful access to or to benefit libraries, scientists, businesses, the research community, journalists and other sectors of society and the economy. The right to read should be the right to mine.
- 3. ALLOW COMMERCIAL & NON-COMMERCIAL USES, WITHOUT COMPENSATION**  
The TDM is only used to extract facts and data, which are not copyrightable in themselves. TDM is non-commercial in nature. The scope of the exception should be broad enough to be used and communicated to the public. Research institutions should be able to share facts and figures on a larger context.

### What is FAIR DATA?

 <p>Data and supplementary materials have sufficiently rich metadata and a unique and persistent identifier.</p> <p><b>FINDABLE</b></p>	 <p>Metadata and data are understandable to humans and machines. Data is deposited in a trusted repository.</p> <p><b>ACCESSIBLE</b></p>
 <p>Metadata use a formal, accessible, shared, and broadly applicable language for knowledge representation.</p> <p><b>INTERPRETABLE</b></p>	 <p>Data and collections have a clear usage licence and provide accurate information on provenance.</p> <p><b>REUSABLE</b></p>

Why is FAIR Data important?  
The development of digital science thrives on the timely sharing and accessibility of research data. This requires the development of infrastructures and services that support the sharing and reuse of data. Open Science is now strongly advocated as a way to strengthen the research community.



# OPEN SCIENCE ROADMAP



LIBER  
Open Science  
Roadmap



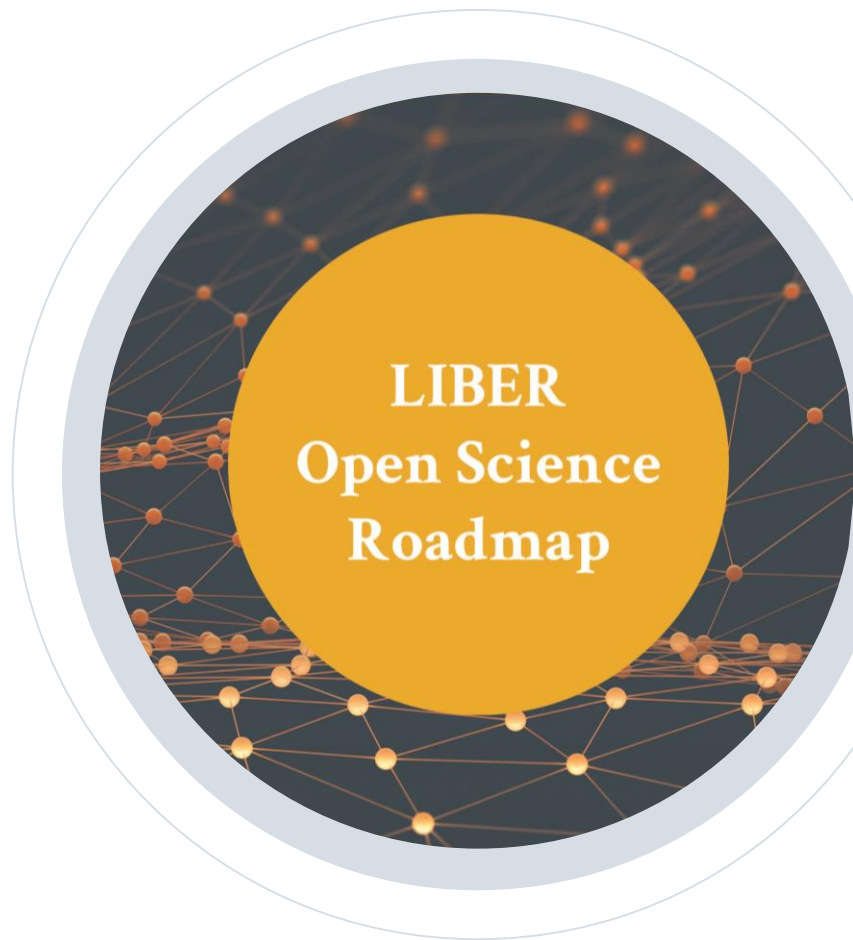
# OPEN SCIENCE ROADMAP

**Translates** Open Science Policy Platform (OSPP) advice for libraries.

**Adds suggestions** drawn from the experiences of LIBER institutions.

**Over 1000 downloads!**

<https://zenodo.org/record/1303002>





**Embracing Open Science  
is critical if we are to make  
science more collaborative,  
reproducible, transparent  
and impactful.**



# TOPICS

- Scholarly Publishing
- FAIR Data
- Research Infrastructure & the EOSC
- Metrics & Rewards
- Open Science Skills
- Research Integrity
- Citizen Science



LIBER  
Open Science  
Roadmap

The graphic features a central yellow circle with the text 'LIBER Open Science Roadmap' in white. This circle is set against a dark blue background with a network of orange dots and lines, all enclosed within a light blue circular border.

# National Library of Finland

Helsinki, Finland — [nationallibrary.fi](http://nationallibrary.fi)

Finland wants to be one of the leading countries in openness of science and research. As the National Library, we want to contribute to that aim.

Our strategy focuses on digital and open services, and on developing digital research environments. This forms a good foundation from which to advocate for and implement Open Science services. We believe openness builds trust, boosts collaboration and enables integration of platforms, services and people.

Much of our work revolves around the development of services for researchers, especially in the humanities and social sciences fields. Digital Humanities is a key focus for us and we have carried out several projects in this area, together with researchers. These have increased our knowledge regarding the needs of researchers as well as what kind of skills are needed at the library.

The National Library of Finland is also a national service provider for higher education institutions and other public sector organisations. We have integrated openness into the services we provide and develop. These include national licensing

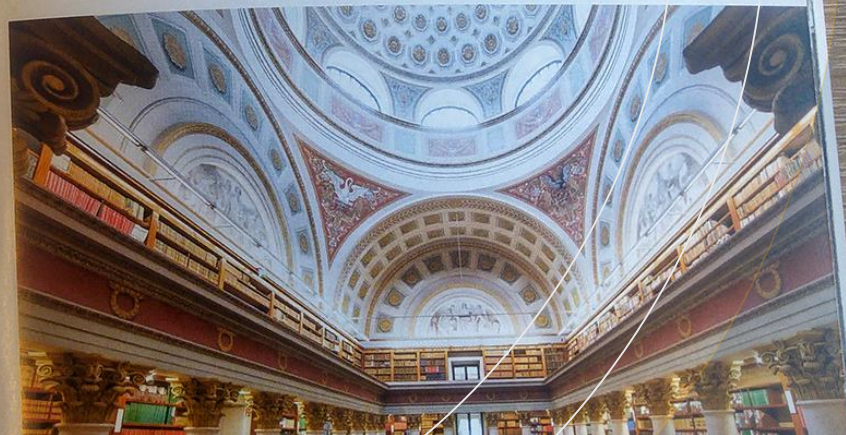
Metadata, persistent identifiers, development of standards and ontologies form an important basis for FAIR Data and Open Science services as a whole. In addition to FAIR, sustainability is also crucial. Metadata plays an important role in long term preservation. Our library has been a key player in developing services, practices and providing training in this field.

Open services and platforms provide a good basis for further development. Implementing machine learning and artificial intelligence into the services to develop automated processes, automated indexing and intelligent search possibilities are currently on our agenda

The possibilities to get involved with Open Science are endless and every library can contribute to its development. A good way to get started is by sharing case studies and best practices with colleagues. At our library, a key step was to hold brainstorming sessions with colleagues from different professional backgrounds. Some are experts in collections or digital humanities, others in metadata or IT issues.

Be patient as you develop new services. Openness is about culture change which always takes time. Before we could open the metadata (CC0) of our catalogues, for example, we had to discuss extensively with the memory organisations in the country and with vendors. This took a couple of years. Openness can also mean loss in income. A clear strategy or policy helps to overcome the barriers.

Kristiina Hormia-Poutanen, Director of National Library Network Services, [kristiina.hormia@helsinki.fi](mailto:kristiina.hormia@helsinki.fi)



# LOOKING FORWARD..

Ideas, suggestions, questions:

- [liber@kb.nl](mailto:liber@kb.nl)
- [a.verheusen@kb.nl](mailto:a.verheusen@kb.nl)
- @LIBEReuropa
- <https://www.surveymonkey.com/r/LIBERSURVEY>

[www.libereurope.eu/](http://www.libereurope.eu/)





# THANKS!

## *Questions?*

*a.verheusen@kb.nl*

TWITTER: #OS18BUD

Sli.do code: F1115 ([www.sli.do](http://www.sli.do))