

Strategic Direction: Research Infrastructure

★ Working Groups:

Research Data Management

Federated Identity

Management for Libraries

Linked Open Data

Data Science in Libraries

LIBER Architecture Group

★ Strategic Priorities:

Data stewardship;

Research data management

Data stewardship;

Shared Services & Cloud Services

Semantic Interoperability; Open Linked Data

Data stewardship; Research data management;

Semantic Interoperability; Open Linked Data

Disciplinary Partnership

★ Main outcomes:

Publishing 'The FAIR Guidelines for Libraries', 'The 6 Pillars of Engaging Researchers in Research Data Management', and countless other reports, guidelines, fact sheets, best practices, case studies, a catalogue, and a survey; organising various workshops and webinars

Publishing 'The Principles & Recommendations for Library Services'

Authoring the guide 'Best Practices for Library Linked Open Data (LOD) Publication'

Creating a survey to map the presence of data science in research libraries

Organising events such as the 20th edition of the biennial LIBER Architecture Seminar, LIBERLAG 2022 in Luxembourg

★ Unfulfilled goals:

Publishing material about data curating; reaching a larger audience for the Data Management Plan Catalogue

Managing to update the Linked Open Data Cloud library data sets

Reaching out to more publishers

Evaluating methods and strategies for Data Science skills and capacity development

No unfulfilled goals

★ Lessons learned:

Very enthusiastic leadership is vital for a Working Group to succeed; working on larger topics with all members is more effective than having subgroups each covering smaller subjects

Linked Open Data is still a relatively new topic in the library domain and approaches vary. Systems and know-how to support linked data are still forming, so clear and practical guidelines and examples are essential; international collaboration is key for proper interoperability

The importance of carefully setting goals to avoid not being able to achieve them

Data Science covers different and overlapping topics. Librarians might not know whether activities could be considered Data Science

Having active and dedicated Working Group members is very important for successfully organising activities

★ Expected future developments:

Data stewardship roles of libraries shifting from data management to data curation; incorporating Research Data Management skills into library staff skill development

Linked data will remain an important topic inside and outside the library world: linked data principles make high-quality metadata more accessible and usable and therefore can help provide access to neutral and accurate information

General guidelines and education will support research libraries with questions about issues such as user privacy

Landscape analyses to chart concrete activities, projects, and methods in the Data Science in Libraries field

Library architecture will be challenged by budgetary difficulties, global events slowing down construction and other obstacles