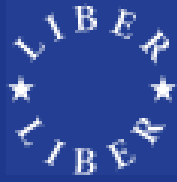




Ligue des Bibliothèques Européennes de Recherche  
Association of European Research Libraries

# **The role of research libraries in a European e-science environment**

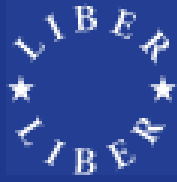
Wouter Schallier  
LIBER Executive Director



# About LIBER



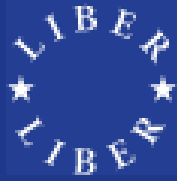
- Association of European Research Libraries
- The largest network of European research/academic libraries: 400 institutions, from over 40 countries
- **Mission**: to represent and promote the interests of European research/academic libraries, and of their users: students and researchers
- *“Making the case for European Research Libraries”*



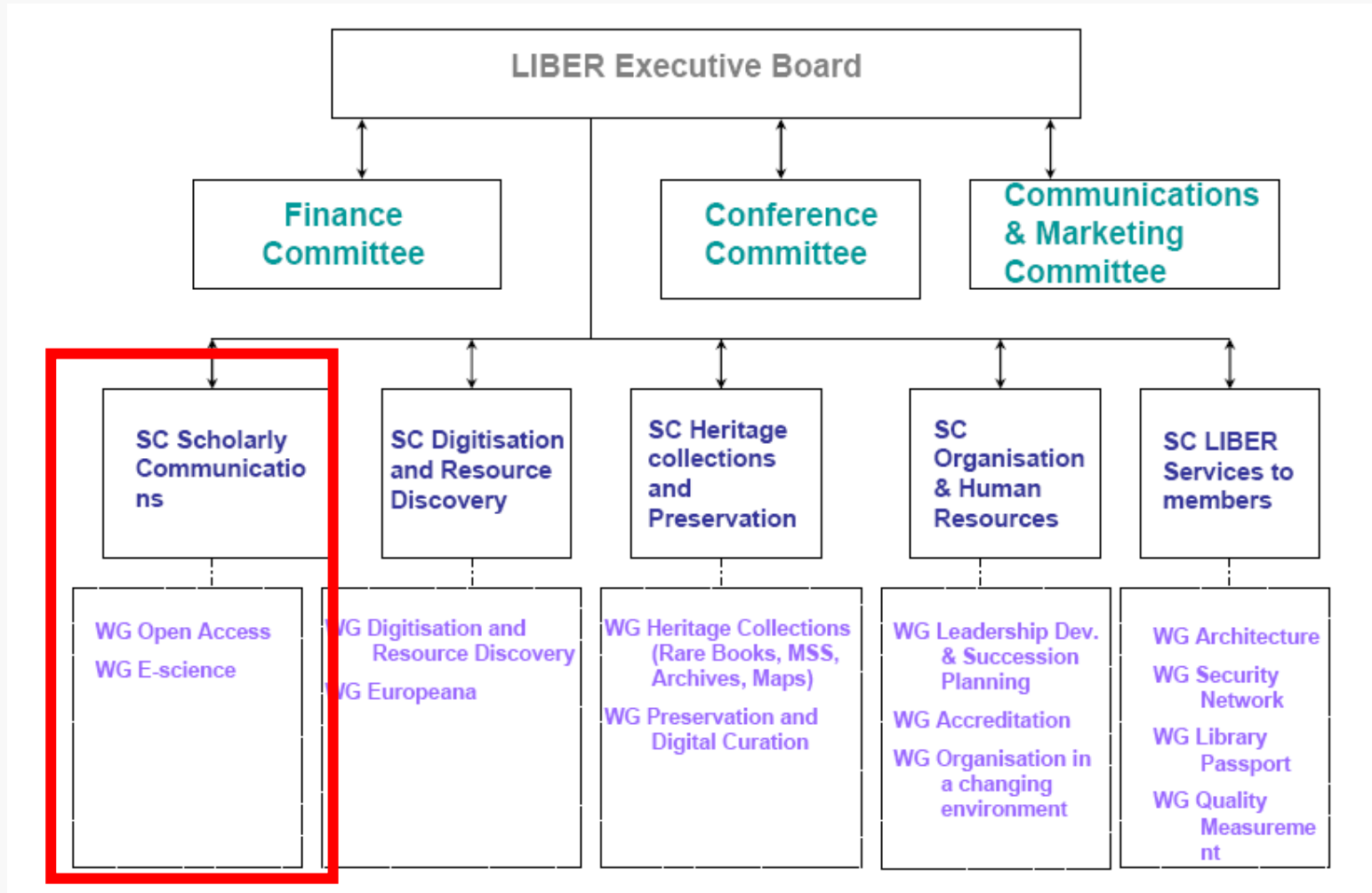
# How we realise this



- Meetings, conferences, workshops on strategic issues
- Sharing professional knowledge, dissemination of documentation
- Fostering partnerships and cooperation
- Advocacy and lobbying
- Publication of position statements
- LIBER Quarterly (<http://liber.library.uu.nl/>)



# Priorities 2009-2012





About the KB

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## Curating Research 2009

- Home
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- For libraries
- Conferences and seminars

### Curating Research 2009

- Programme
- Registration
- Travel and accommodation
- About The Hague

Library

Expositions & Collections



*Library budgets are tight and growing tighter . . .*  
*Digital research is plentiful and there is no end in sight . . .*  
*Who preserves these data and publications, who 'curates' them, and how . . .*

*International workshop on digital preservation*

### Curating Research

#### e-Merging New Roles and Responsibilities in the European Landscape

KB, The Hague, Netherlands, 17 April 2009

On 17 april 2009 the KB, the European Association of Research Libraries LIBER and the Netherlands Coalition for Digital Preservation NCDD co-organised a conference to help research libraries make informed choices about curating research outputs, both publications and research data.

Although the topic is quite new in LIBER circles, the conference drew more than 90 participants from all over Europe.

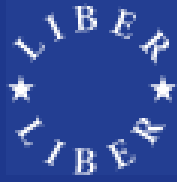
The powerpoint presentations and the text of the wrap-up are given below. A full report will be published in [LIBER Quarterly's June issue](#), the March 2009 issue of which is devoted entirely to digital preservation issues.

#### Presentations

In order of appearance:

[The issue of digital objects: scale and complexity of the problem of long-term preservation & access, possible solutions](#), Eileen Fenton, Executive Director, Portico, USA



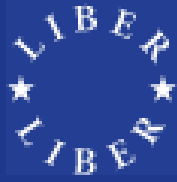


# (E-)Science is about...

- LAAAARGE amounts of data:  
“**Data** are no longer considered as interim products to be discarded once the research reporting them is published. Rather, they **have become important sources of scholarly content to be used and re-used.**”

Borgman, The role of libraries in e-science

But also about Books, journal articles, proceedings, reports, working papers, websites, blogs, wiki's, tweets, primary data, podcasts, ...



## (E-)Science is about... (2)

- SHARING data:
  - Results of publicly funded research should be available in public domain
  - Allows verification and replication of findings
  - Stimulates international competition based on excellence
  - Collaboration is a necessity
  - Gives visibility and recognition

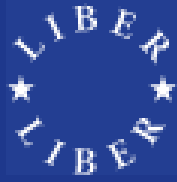


# The paradox of e-science

- Race against the time:
  - the new generations are arriving at the university

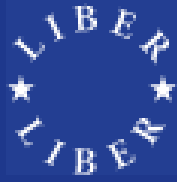
Vs.

- Cultural change:
  - How do you make researchers share data?
  - How do you make funding agencies reward collaboration and sharing data?
  - Current copyright/IPR rules are a hindrance for e-science



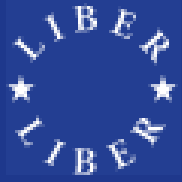
# Issues and roles for libraries

- Ubiquitous, trusted and easy access to (discovery of) research data:
  - Integrity of data
  - Version management
  - Visualisation
  - Semantics: how to interpret data?
  - Ownership of data
  - Long term preservation



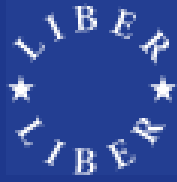
## Issues and roles for libraries (2)

- “Data repositories may become the new special collections for research libraries” (Borgman)
- Use and re-use
- IPR, licensing
- Technology and sustainable infrastructure (funding!)
- HR: data managers



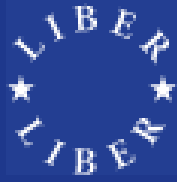
# New strategies for libraries

- Into the research and education workflows
- New strategies for research support
- New infrastructures
- Digital repositories: data!
- Recruitment of content
- Enhanced publications: annotations, recommendations, primary data, podcasts etc.
- Skilled library professionals



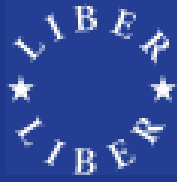
# What we EXPECT from the Alliance

- **Forum** for e-science debate with other stakeholders (researchers, publishers, ...)
- Involvement in the Alliance **Strategy**
- Partnership in relevant EU (and other) **projects**
- **Recommendations** on strategies for research libraries to support e-science



# What we can OFFER to the Alliance

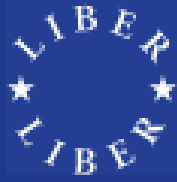
- **Network** of 400 European research libraries
- Involvement in the LIBER **Strategy**, in particular in the activities of the Scholarly Communications SC (but also Digital Preservation SC)
- Partnership in relevant EU (and other) **projects**
- **Best practices** of new strategies for research libraries to support e-science



# LIBER events



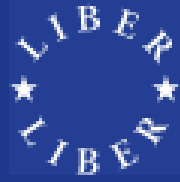
- 2010 Annual Conference “Re-inventing the library. The challenges of the new information environment”, 29 June-2 July 2010
  - Call for papers/posters:  
<https://togather.eu/handle/123456789/409>
- 2011 Digital preservation workshop 2
- 2011 OAI



# References



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- ARL (2009), Transformational Times: an Environmental Scan prepared for the ARL Strategic Plan Review Task Force
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- Reding V. (2009), Digital Europe: a vision for the next 5 years, Lisbonne Council, Brussels, 9/7/2009
- Wikipedia, <http://en.wikipedia.org/wiki/E-Science>



Thank you! Questions?

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