



Catalogue once – Open the catalogues

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Open Access
and the Changing Role of Libraries
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Open Access?
Sure!



A conundrum

“Numerous scientists have pointed out the irony that right at the historical moment when we have the technologies to permit worldwide availability and distributed process of scientific data, broadening collaboration and accelerating the pace and depth of discovery.....we are busy locking up that data and preventing the use of correspondingly advanced technologies on knowledge”

John Wilbanks,

Executive Director, Science Commons

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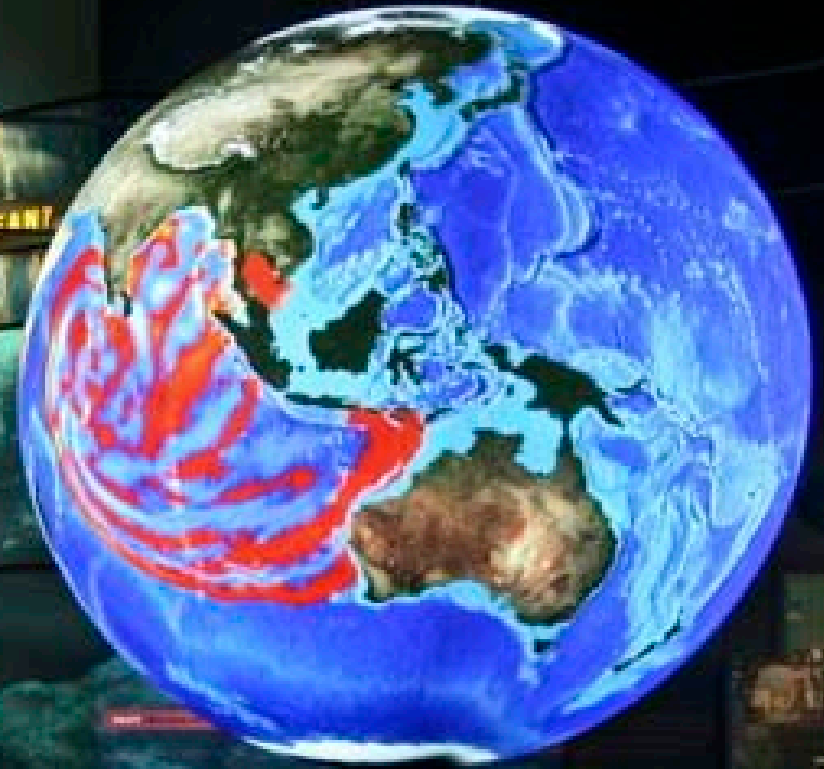
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LHC publishing update

- first physics publications in December 2009
- all publishers have positioned themselves to attract LHC results
- LHC results distribute nicely across the main journals.
- all publishers accept Open Access, Copyright CERN for the benefit of the collaborations and the CC-BY-3.0 license
- another important step towards SCOAP³

Open scientific
data?

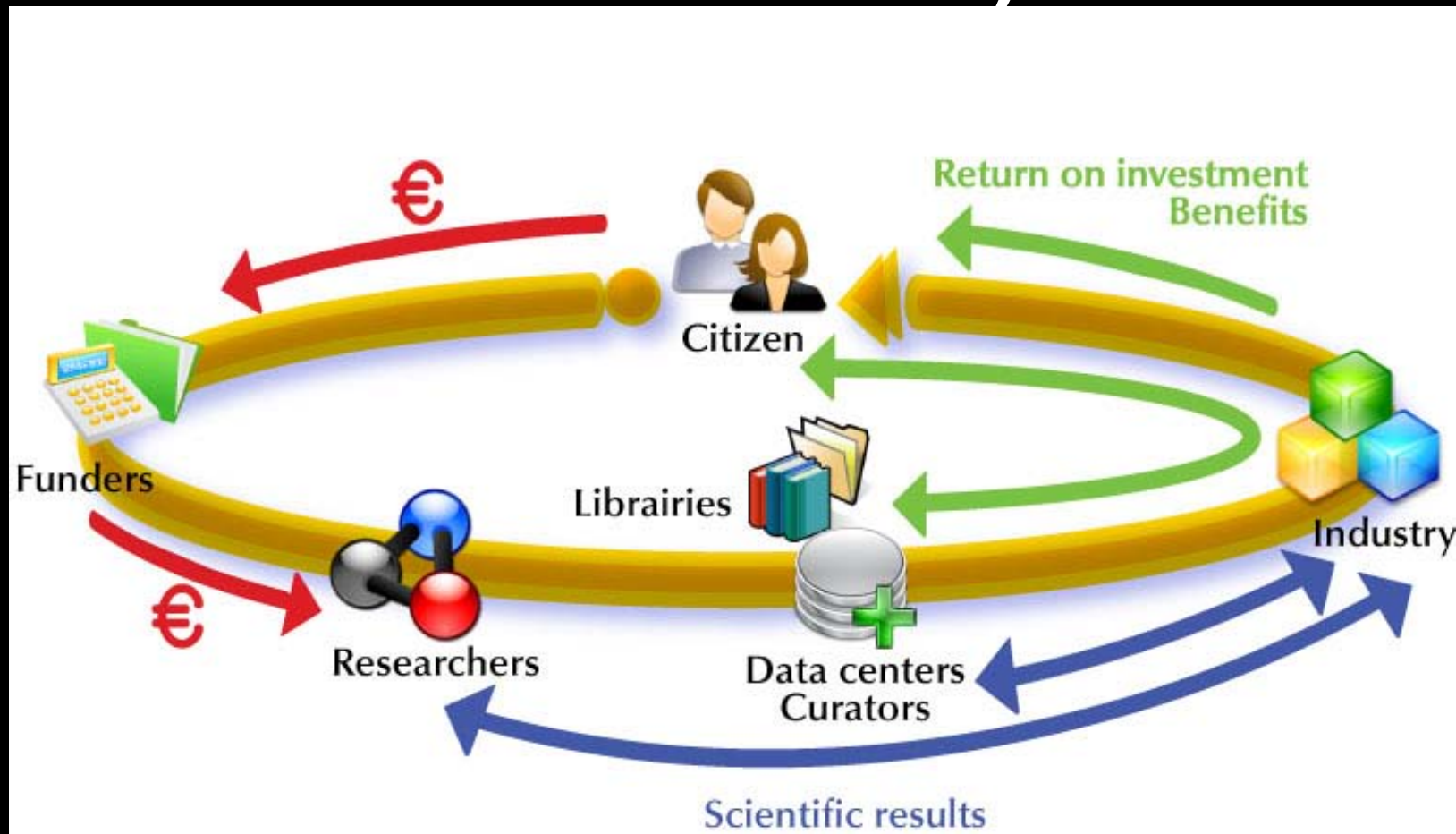
Sure!



What's about our
data?

Open bibliographic data

Expected benefits of research (and libraries)



Today

- some libraries catalog themselves
- some libraries buy data
- some countries have library consortia to avoid the double effort
- too often the same book gets cataloged by many libraries

A suboptimal situation

- surprisingly few libraries practice what they preach
 - libraries = sharing or libraries \neq sharing ?
- the public purse pays for having the same book catalogued over and over again

Data sets created through public funding
should
be made freely available to anyone interested

All
books cataloged
only once!

Free cataloging records does not exclude business

- moving towards selling services, not content
- ingestion of free data
- data curation (eg. for repositories)
- improvement of “old data” (mapping)
- etc.

... not only bibliographic records

- library classification schemes, e.g. UDC and Dewey, suffer from being “closed” – it is high time to revise the business model for the corresponding consortia maintaining the schemes

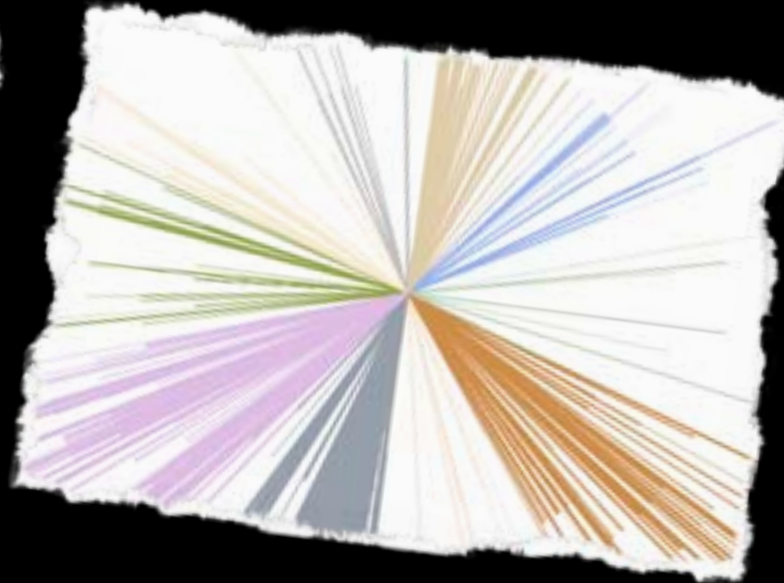
CERN Open Bibliographic Data Project


- all books in the catalog are self cataloged
- no hinders for publishing bibliographic data under
 - Public Domain Dedication and License
 - CC0
- currently around 36.000 records (or datasets)

Publishers start sharing

- 15 years after e-journals the landscape is changing
- agreements established for incorporating article data in Inspire, the emerging one-stop shop for particle physics information
- other disciplines similar, e.g. astrophysics (ADS)
- what about book data?
 - tailor made harvesting would establish wonderful "desirata collections" that would be great for discovery and optimal for user-driven acquisition

Users of data



A person is walking through a large, circular opening in a dark wall. The scene is dramatically lit from above, creating a bright, circular glow on the wall and floor. The floor is made of cobblestones. The person's legs and feet are visible on the right side of the frame. The overall atmosphere is one of a hidden passage or a new beginning.

Take
the next step
in Open
Access

Share bibliographic
data!

Create a free flow
of data!

<http://ww.cern.ch/bookdata>

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