

Berlin 2 Open Access

Roadmap Proposal

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Roadmap

Starting Point

Open access is the replacement for the conventional scholarly communication paradigm and not its 2nd class counterpart

Roadmap

- **Pre-conditions for Open Access**

- ascertained quality assessment due to immediate access to primary source information interconnected with interpretation and secondary information
- superior capabilities of digital medium (e.g. enhanced multimedia representation) for scholarly communication
- Increased productivity of discovery process due to unlimited and unrestricted access to all relevant information
- journal crisis as driver
- Internet/WWW as matured enabling technology
- request for ubiquitous connectivity

Roadmap

- **Evolution of Berlin Process**

- Group of drivers: CERN, CNRS, MPG, + x.
- representative organization for each country.

Implementation of Berlin Declaration and building of OA alliance (technical, political)

- identify milestones and deliverables
- standards for OA platform interoperability and long-term archiving.

Include sciences as well as humanities.

Roadmap

- **Education and Awareness**

- Communication internally
 - Common OA advertisement material by Berlin signatories addressed to coworkers and leaders of organisation.
- Communication to political players
 - Signatories lobby politicians to set favorable boundary conditions (financial, legal and carrier issues).
- Signatories encourage learned societies to support open access
 - peer reviewing
 - converting proprietary journals into open access
- Discredit impact factor as appropriate measure in career evaluation and tenure promotion

Roadmap

- **Legal Issues**

- adoption of creative commons license model by signatory organizations.
- recommendation to co-workers.

- seek agreement with commercial publishers to accept use of creative commons license.
- allow for temporary exclusive license to a publisher as transitory solution.

Roadmap

- **Sustainable, technical infrastructure**
 - set up technical infrastructure at organizational level.
 - ensure compliance to standards for interoperability (like OAI-MPH).
 - take care for persistence and long-term availability (e.g. introduction of globally unique, persistent ID for documents and data sets, cooperation with national archiving institutions).
 - enforce efforts of communities to establish (selection) standards (formats, description schemes) that facilitate long-term archiving.

Roadmap

- **Facilitating retrieval of open access material**
 - unique digital object identifier.
 - mark-up language.
 - standard (community specific) metadata.
 - develop new, appropriate genre types.
 - develop new, appropriate search and retrieval tools/concepts.

Roadmap

- **Address business models for open access**
 - agree on definition of open access content.
 - acknowledge that creation and dissemination of research results are equally indispensable elements of scholarly communication.
 - acknowledge on an individual level that open access costs as research costs (research grants).
 - signatories share on an institutional level a mutually distributed load of community-driven communication services.
 - signatories engage in bridging the digital divide.

Roadmap

- **Institutional Immediate Measures**

- enforce open-access publishing policy on all levels of organization.
- install steering committee at top executive level.
- create organizational competence center.
- assign open access policy coordinator.
- ensure long-term funding and guarantee long-term operation.

Future Actions

- Berlin signatories report on implementation of roadmap in a series of meetings.
- The drivers group organises meetings every 6 months.
- Alliances for targeting specific tasks of roadmap are recommended.