



# Open Access at Max Planck Society

Dr. Christoph Bruch  
Head, Open Access Unit,  
Max Planck Digital Library

Colloquium  
“Open Access and Author Rights”  
01 July 2009  
at Fritz Haber Institute



Crisis in Scientific Publishing, <http://www.public.iastate.edu/~pellack/Crisis.htm>, 26.04.09





## Contents

- Open Access: Basics
- Price development for scholarly journals
- OA Policy Unit
- How to
  - Golden Road
  - Green Road
- Green Road MPS / FHI
- Further Information





## Open Access Basics

- The Open Access movement's principal aim is the enhancement of the accessibility of scholarly knowledge.
- In parts this aim is construed more extensive including cultural heritage in general:  
-> Berlin Declaration





## Open Access Basics: Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities

The Internet has fundamentally changed the practical and economic realities of distributing scientific knowledge and cultural heritage. For the first time ever, the Internet now offers the chance to constitute a global and interactive representation of human knowledge, including cultural heritage and the guarantee of worldwide access. ...

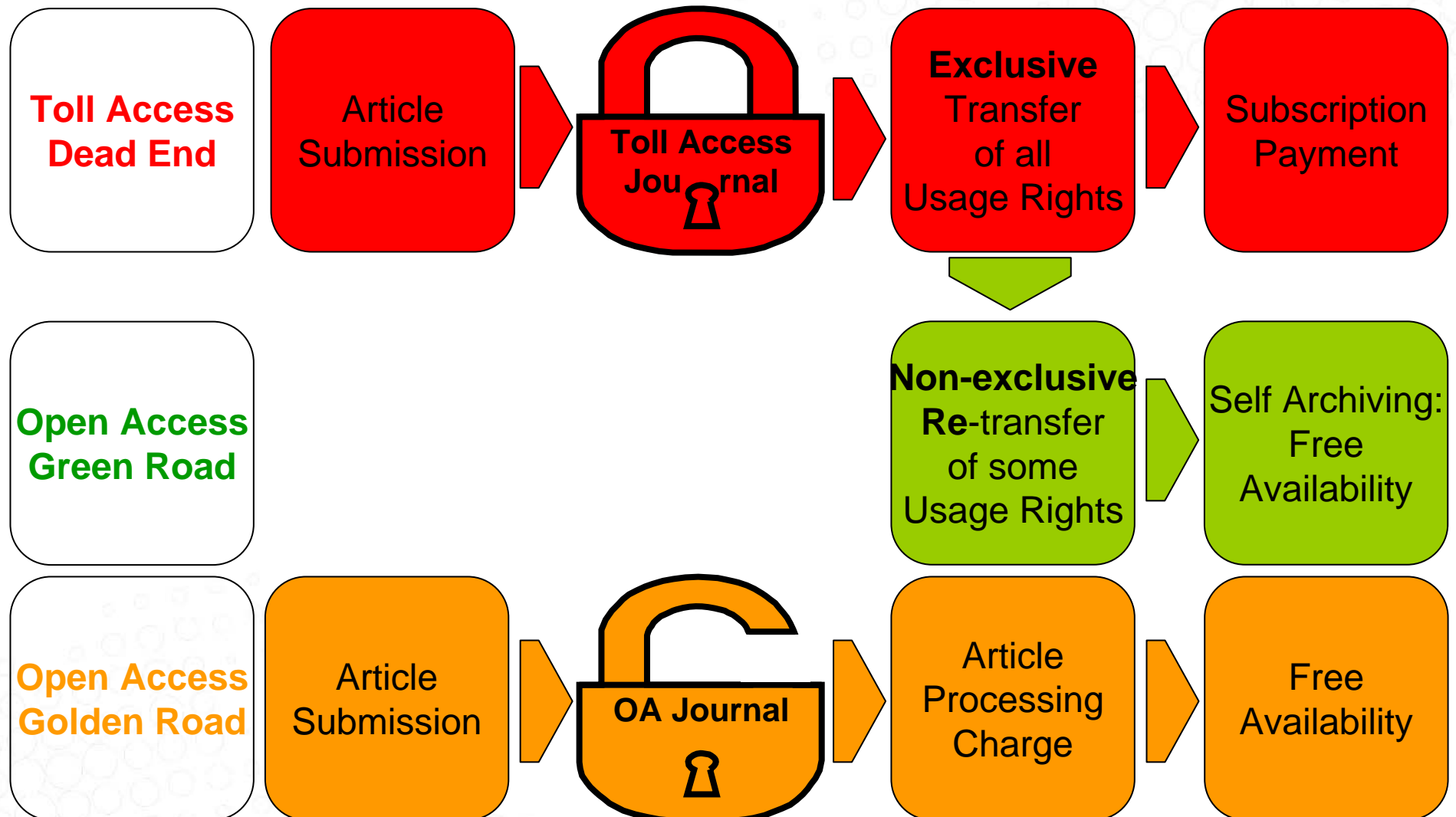


Dec. 2-4, 2009, Paris  
<http://www.berlin7.org>



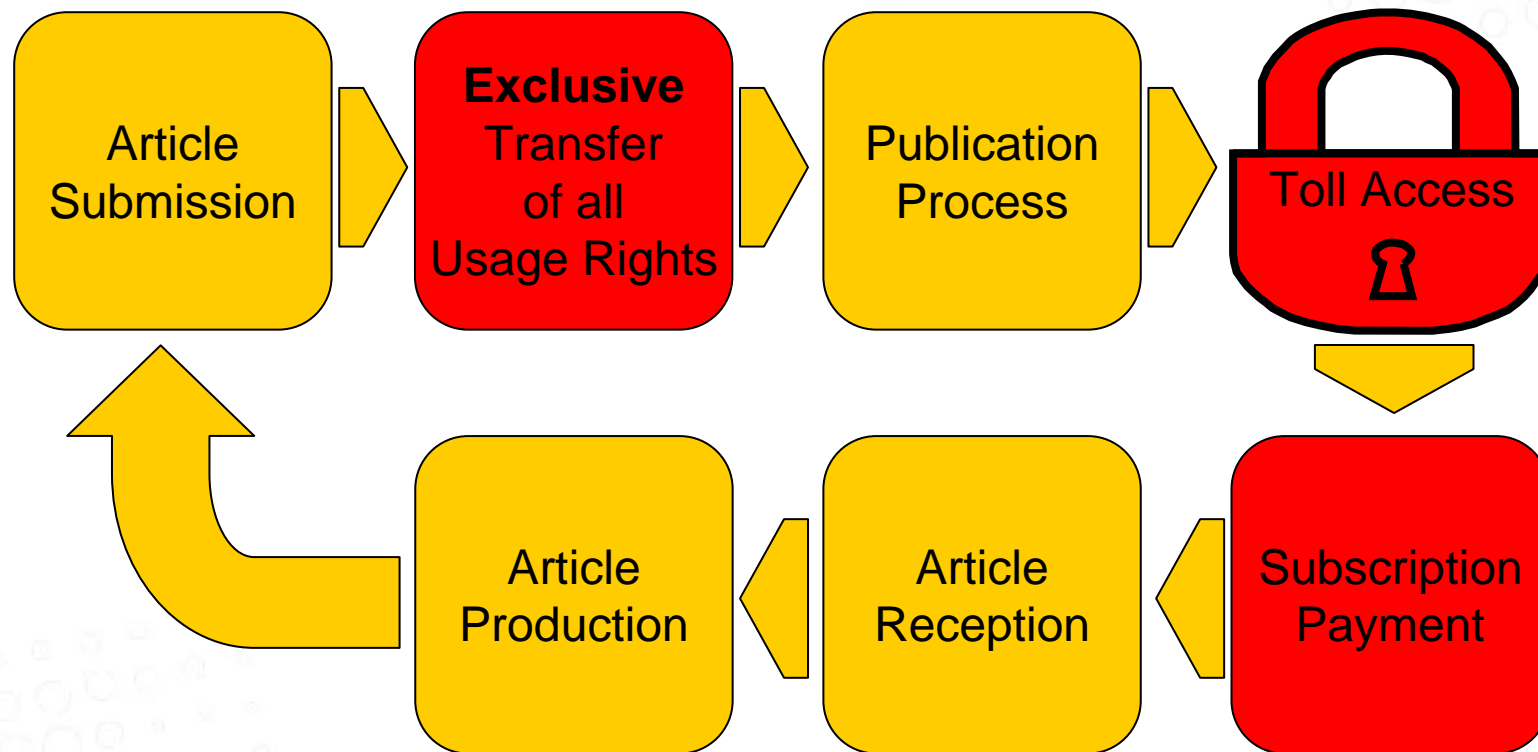


## Basics: Roads to Open Access



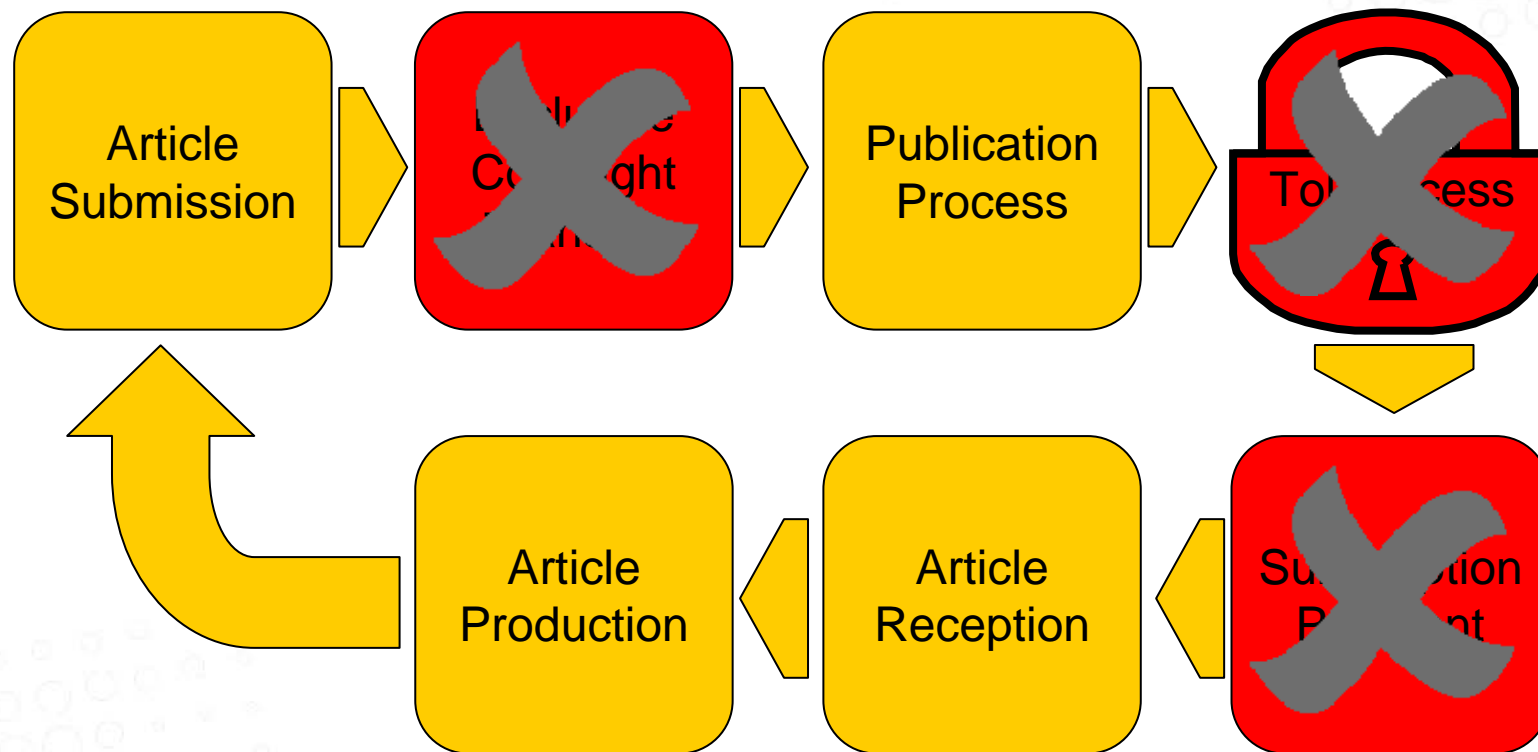


## Basics: Toll Access Business Model



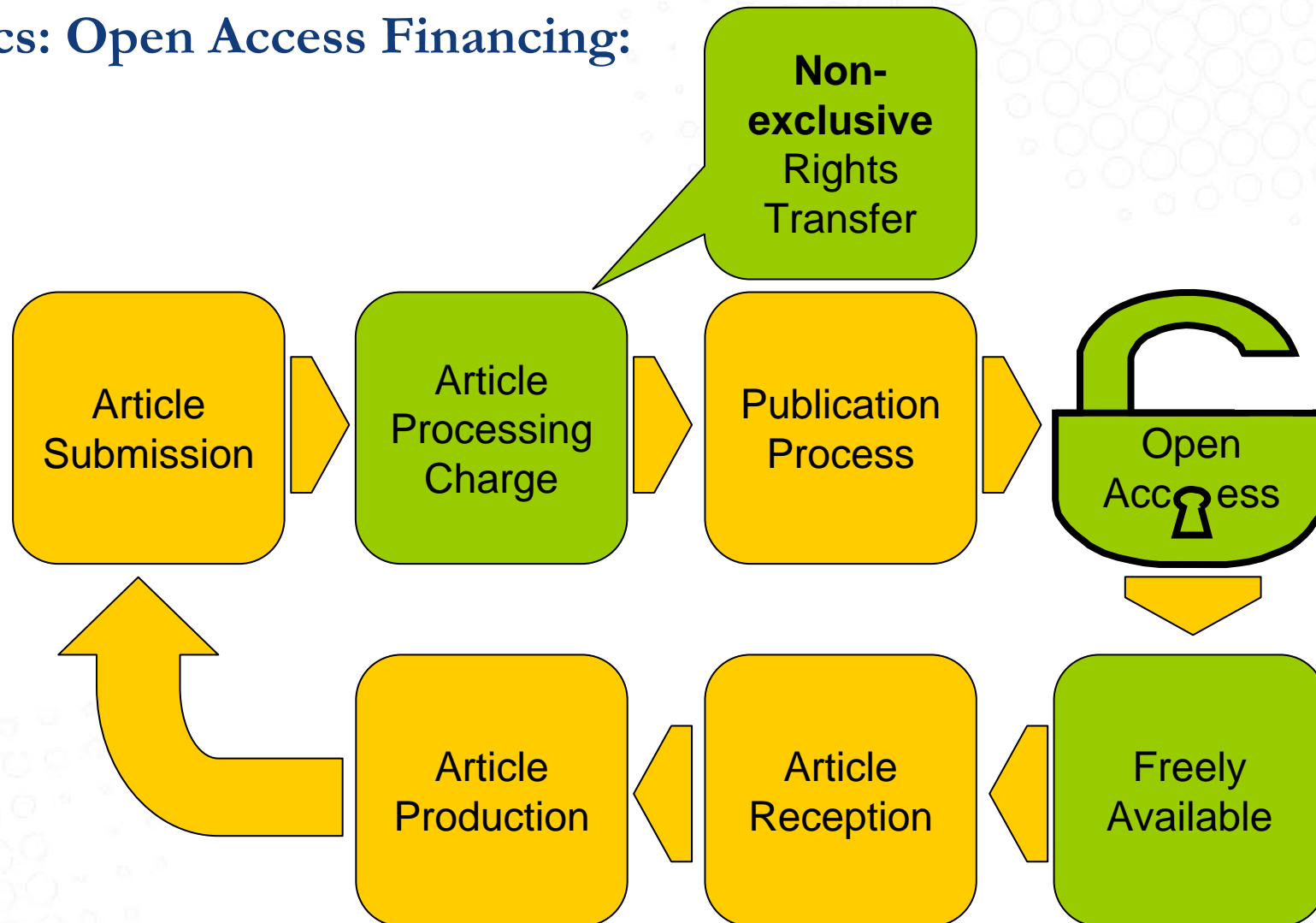


## Basics: Open Access Financing





## Basics: Open Access Financing:







## Basics: Why Open Access?

- Human progress/welfare is unacceptably handicapped by existing access barriers to (publicly financed) knowledge.
- Individual researchers interest
  - Increase of the visibility
- General research interest
  - Development/enablement of innovative data/text analysis
- Institutional Interest
  - Archiving of output
- Normative Public Interest
  - Access to knowledge for so far excluded audiences
- Economic Public Interest
  - Maximization of utility of research output
  - Tax financed goods are to be available for no additional costs.
  - Parts of the scholarly communication market are not functioning properly.





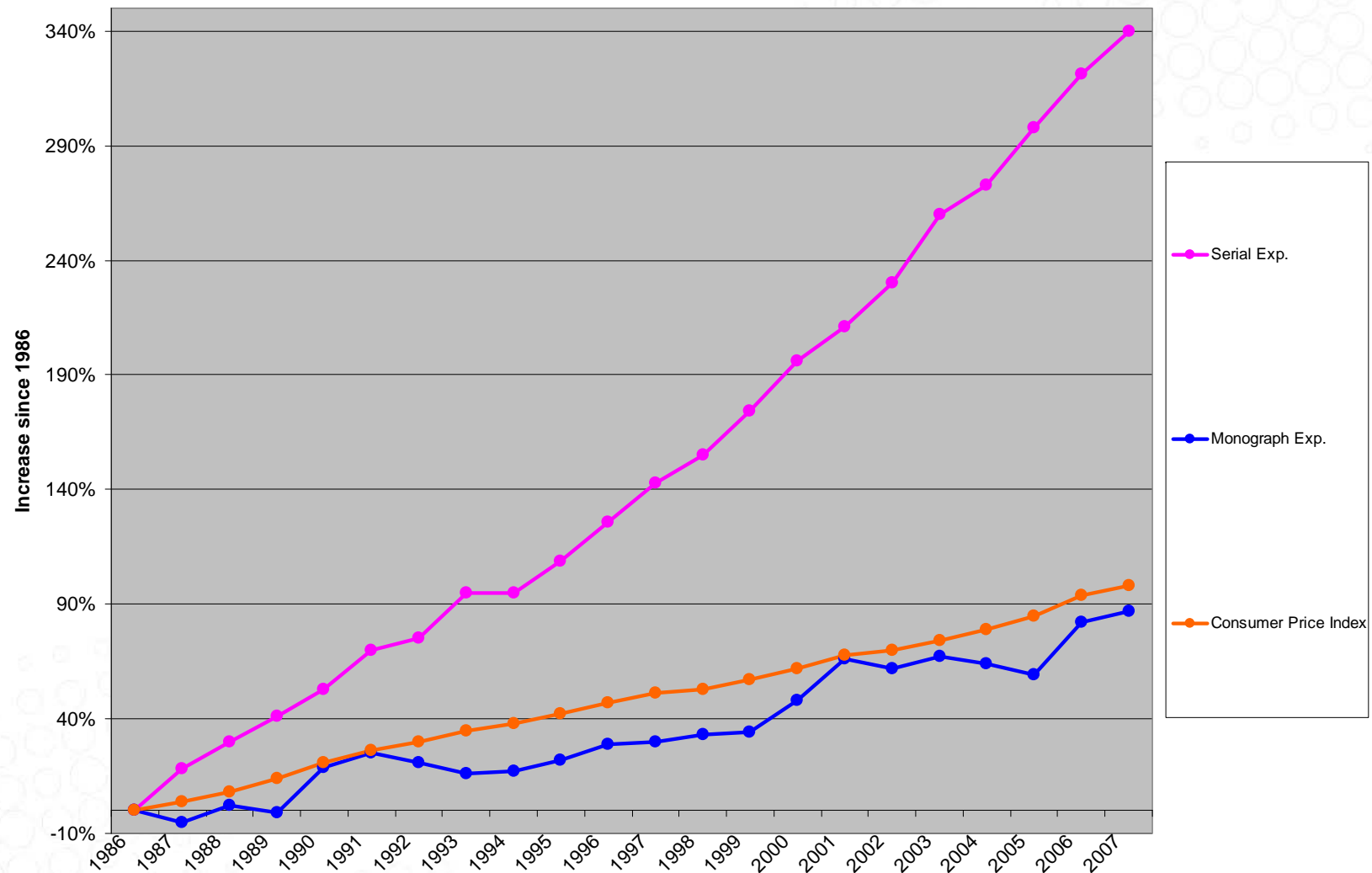
## Price development for scholarly journals I

- Price increases for scholarly journals are regularly blamed as access barriers.
- Publishing houses representatives counter this accusation by pointing out
  - the increase in the number of published articles and
  - the development of new services (e. g. publisher portals)
- Critique concerning cost increases in scholarly communication should always take into account the heterogeneity of this industry.





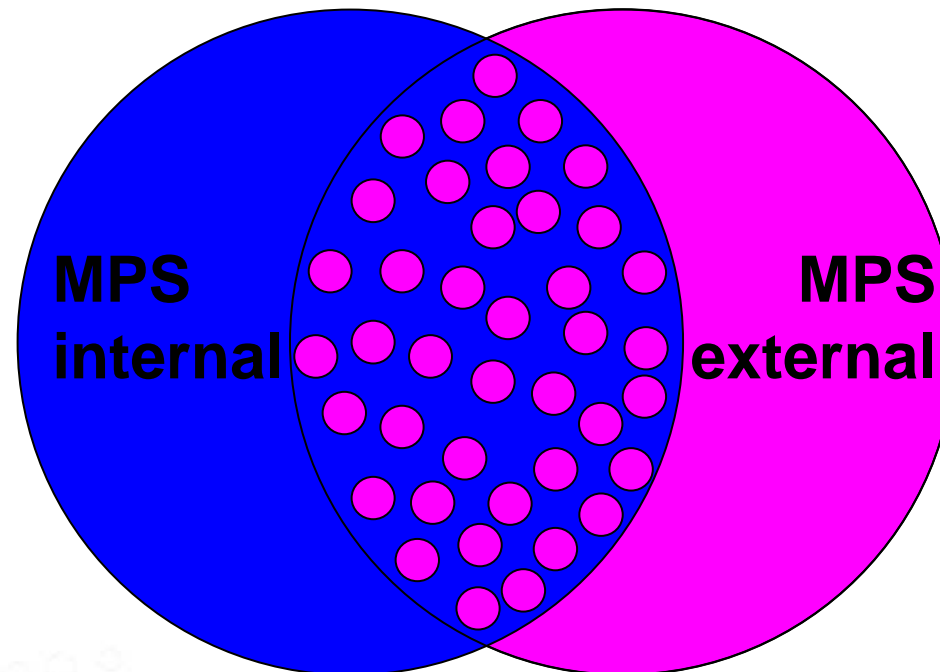
## Serials Expenditure: Trends in ARL Libraries, 1986-2007





## Open Access Policy Unit: Fields of Activity

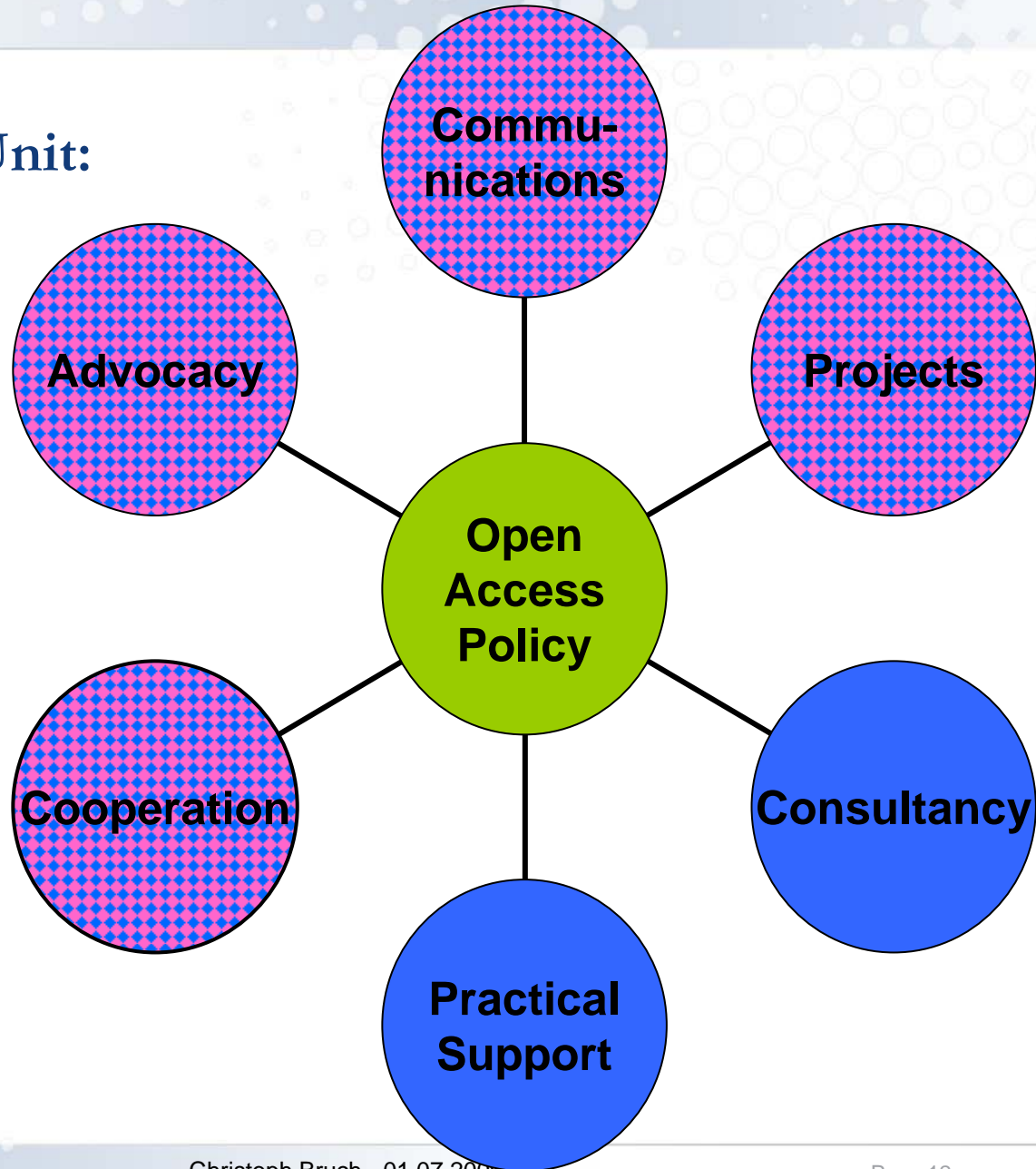
- Located at the Max Planck Digital Library
- Fields of Activity





## Open Access Policy Unit: Fields of Activity

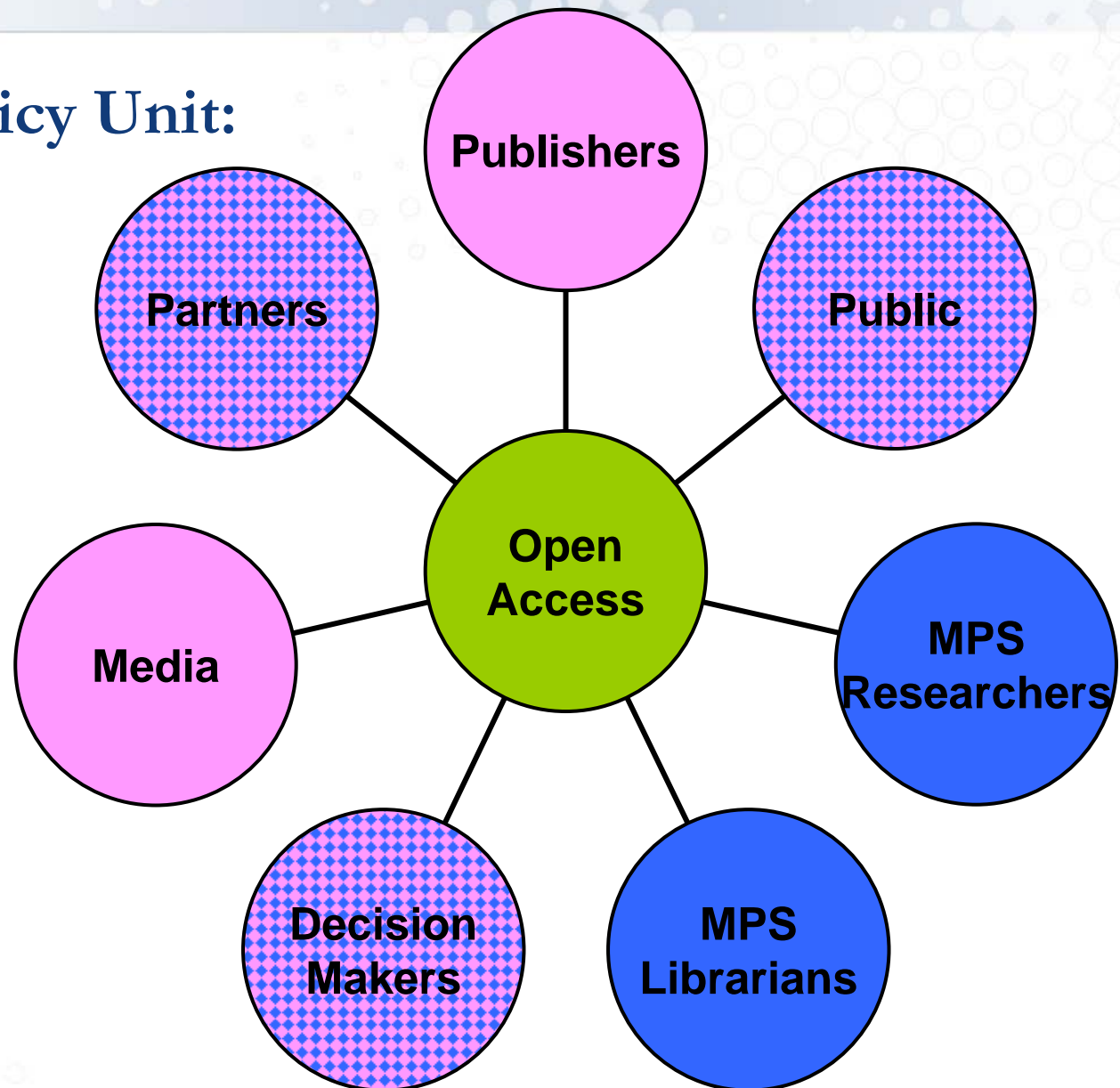
- Many activities address audiences within and outside MPS.
- Individual activities often relate to several fields of activity.





## Open Access Policy Unit: Audiences and Partners

- Regularly Communication and cooperation involves heterogeneous groups of actors.







## How to: The Golden Road: Directory of Open Access Journals

### DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

[Find Journals](#)

[New titles](#)

[Find articles](#)

[Suggest a journal](#)

[About](#)

[FAQ](#)

[News](#)

[Links](#)

[Sponsors](#)

[Membership](#)

[Feedback](#)

Welcome to the Directory of Open Access Journals. This service covers free, full text, quality controlled scientific and scholarly journals. We aim to cover all subjects and languages. There are now **4073** journals in the directory. Currently **1462** journals are searchable at article level. As of today **275361** articles are included in the DOAJ service.

Support the development and operation of DOAJ. Sign up for membership - go to the [membership page](#). We are very thankful for the support from those of you who have already decided to become DOAJ members. See the [list of members](#)

**Breaking news:** [Long-term preservation of Open Access Journals](#)

Find journals

Browse by title

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Browse by subject

[Expand Subject Tree](#)

**For journal owners**

**For authors**

Today's visitors

Total 5904



Online 66

- [Agriculture and Food Sciences](#)
- [Arts and Architecture](#)
- [Biology and Life Sciences](#)
- [Business and Economics](#)
- [Chemistry](#)
- [Earth and Environmental Sciences](#)
- [General Works](#)
- [Health Sciences](#)
- [History and Archaeology](#)

- [Languages and Literatures](#)
- [Law and Political Science](#)
- [Mathematics and Statistics](#)
- [Philosophy and Religion](#)
- [Physics and Astronomy](#)
- [Science General](#)
- [Social Sciences](#)
- [Technology and Engineering](#)

DOAJ - Directory of Open Access Journals, 2009, [Lund University Libraries](#), Head Office





## How to: Golden Road: Directory of Open Access Journals

### DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

[Find Journals](#)

[New titles](#)

[Find articles](#)

[Suggest a journal](#)

[About](#)

[FAQ](#)

[News](#)

[Links](#)

[Sponsors](#)

[Membership](#)

[Feedback](#)

[For journal  
owners](#)

[For authors](#)

Today's visitors

Total 4705



Online 63

[Browse by subject](#)

[Expand Subject Tree](#)

[Subjects](#) » [Chemistry](#) » Chemical Engineering

11 journals belonging to subject: **Chemical Engineering**

[Brazilian Journal of Chemical Engineering](#) [DOAJ Content](#)

ISSN: 01046632

EISSN: 16784383

Subject: [Chemical Engineering](#)

Publisher: Brazilian Society of Chemical engineering

Country: Brazil

Language: English

Keywords: engineering, exact and earth sciences

Start year: 1997

[Chemical and Biochemical Engineering Quarterly](#)

ISSN: 03529568

Subject: [Chemical Engineering](#)

Publisher: Croatian Association of Chemical Engineers

Country: Croatia

Language: English

Keywords: chemical engineering, biochemical engineering

Start year: 2002

[E-polymers](#)

ISSN: 16187229

Subject: [Chemical Engineering](#)

Publisher: European Polymer Federation

Country: France

Language: English

Keywords: chemical engineering, chemistry, polymers

Start year: 2001







## How to: Golden Road: MPS Open Access Journals

# LIVING REVIEWS

Online-only refereed review journals. An open access service.

### Journals

- [Living Reviews in Relativity](#) »
- [Living Reviews in Solar Physics](#) »
- [Living Reviews in European Governance](#) »
- [Living Reviews in Landscape Research](#) »
- [Living Reviews in Democracy](#) »

### Development

- [Journal History](#)
- [Open Access](#)
- [Presentations](#)
- [Webstats](#)
- [ePubTk Software](#)
- [Hermes](#)

### Events

- [Anniversary Lectures](#)

[Portal](#) [FAQ](#) [Legal](#) [Blog](#) [Contact](#)

*Living Reviews* are scientific open access journals, publishing review articles that provide insightful surveys on research progress in the fields they cover, and guiding readers to the most important literature in the field.

Its unique concept allows authors to regularly update their articles to incorporate the latest developments in the field. *Living Reviews* are available online only, enhanced by web features like movies, downloadable source code, or cross-linking to other resources.

### Living Reviews Project News

[Many More DOIs](#)  
by robert - 9 hours ago  
Thanks to crossref's excellent OpenURL interface, we've been able to find quite a few DOIs for records in our ...

[Impact Factor for Living Reviews in Relativity in 2010](#)  
by fschulz - Jun 19, 2009  
Thomson Reuters has selected Living Reviews in Relativity for coverage in their information services. The journal is now ...

[Living Reviews Editor Honored by AGU](#)  
by fschulz - May 27, 2009  
Prof. Dr. Eckart Marsch, head of the Solar Plasma group at the Max Planck Institute for Solar System Research in ...


[User Survey of Living Reviews in Relativity](#)  
by vosswald - May 20, 2009  
Shown are the results of an online user survey of Living Reviews in Relativity which was conducted from September 2008 to ...

### Recent Articles

#### LIVING REVIEWS *in solar physics*

##### Living Reviews in Solar Physics


[Solar Surface Convection](#)  
by Martin Asplund and Åke Nordlund and Robert F. Stein - Apr 04, 2009  
We review the properties of solar convection that are directly observable at the solar surface, and discuss the relevant ...

 [RSS](#)

#### LIVING REVIEWS *in democracy*

##### Living Reviews in Democracy

[The Democratic Deficit of the European](#)  
by thomas.jensen@eup.gess.ethz.ch (Thomas Jensen) - Mar 04, 2009  
The EU, as the most developed international organization, provides a laboratory for observing the development of democratic ...

 [RSS](#)

Except where otherwise noted, this work is licensed under  
<http://creativecommons.org/licenses/by/3.0/de/>

Christoph Bruch - 01.07.2009

Page 16



## How to: Golden Road: MPS Central Article Charge Agreements

- MPS -> OA Publisher:
  - New Journal of Physics
  - BioMed Central
  - PLoS
  - Copernicus Publishing
  - more to come ...
  
- MPS -> Hybrid Publishers
  - Springer





## Springer - MPS Pilot

- Contract since January 01, 2008



Springer

science+business media

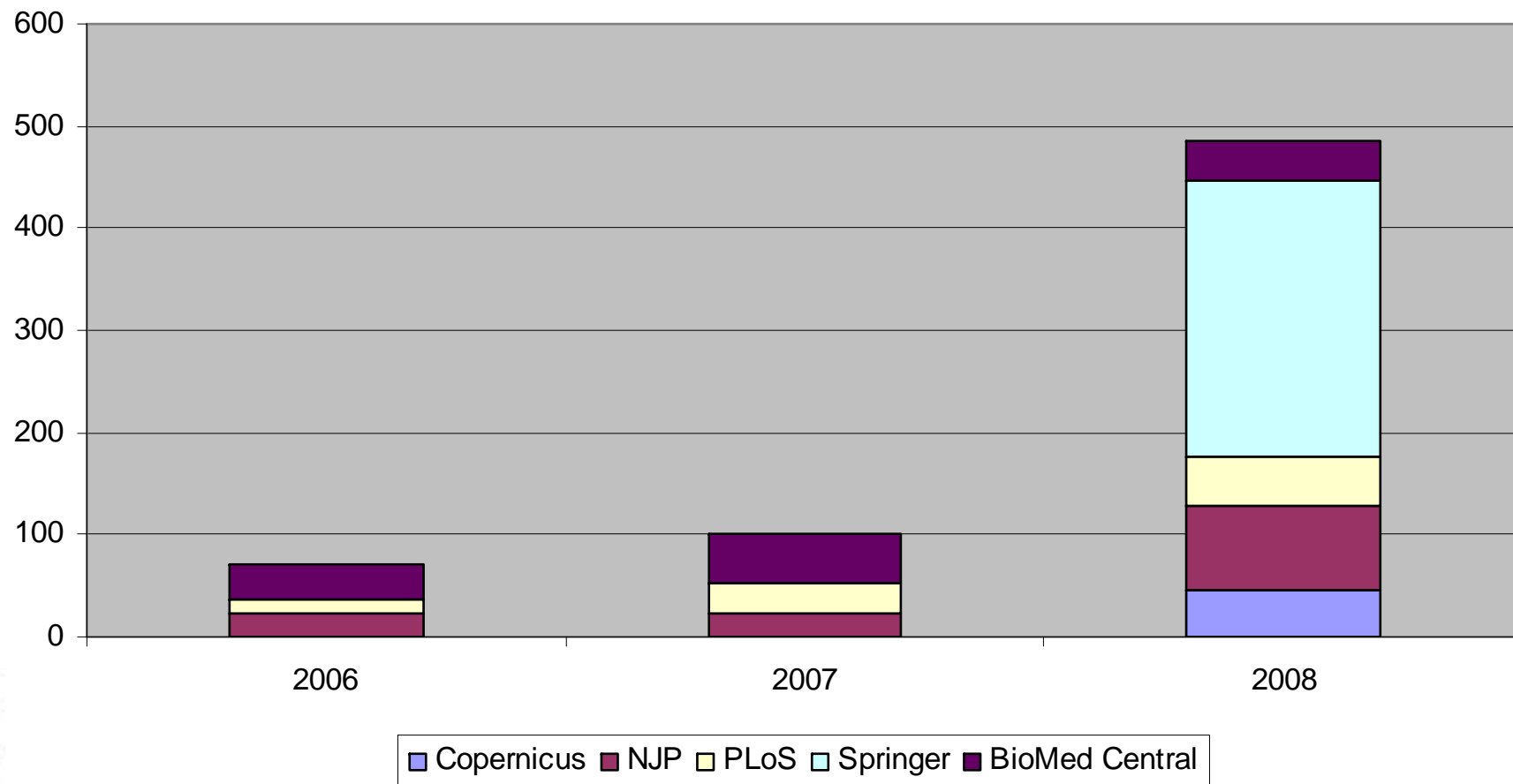
- All publications by authors from Max Planck Society as Open Choice (not limited to corresponding author!)\*
- All fees already included in the contract

\* Open Choice = content accessible to all readers, without restriction in time





## How to: Golden Road: MPS Central Article Charge Agreements





## How to: Green Road: Copyright Transfer Agreements

- Copyright transfer agreements are ordinary contracts which are freely negotiable.
- Consider rejecting exclusive transfer of your rights of use!

### Assignment of copyright

Name of Journal: *Zootaxa*

Title of the Article:

---

Corresponding Author

---

### Submission of this Article to ZOOTAXA implies that

- 1) All authors agree to its submission and the Corresponding author has been authorized by co-authors
- 2) This Article has not been published before and is not being considered for publication elsewhere
- 3) This Article does not violate any copyright or other personal proprietary right of any person or entity and it contains no abusive, defamatory, obscene or fraudulent statements, nor any other statements that are unlawful in any way

### Assignments of copyright

- 1) The Author(s) assigns to *Magnolia Press* ~~exclusive~~ copyright and related rights in the Article, including the right to publish the Work in all forms and media including print and all other forms of electronic publication or any other types of publication including subsidiary rights in all languages.
- 2) *Magnolia Press* may license back to the Author(s) the right to use the substance of the Article in his/her future works, provided that its prior publication in this journal is acknowledged.

Author Signature \_\_\_\_\_ Date \_\_\_\_\_

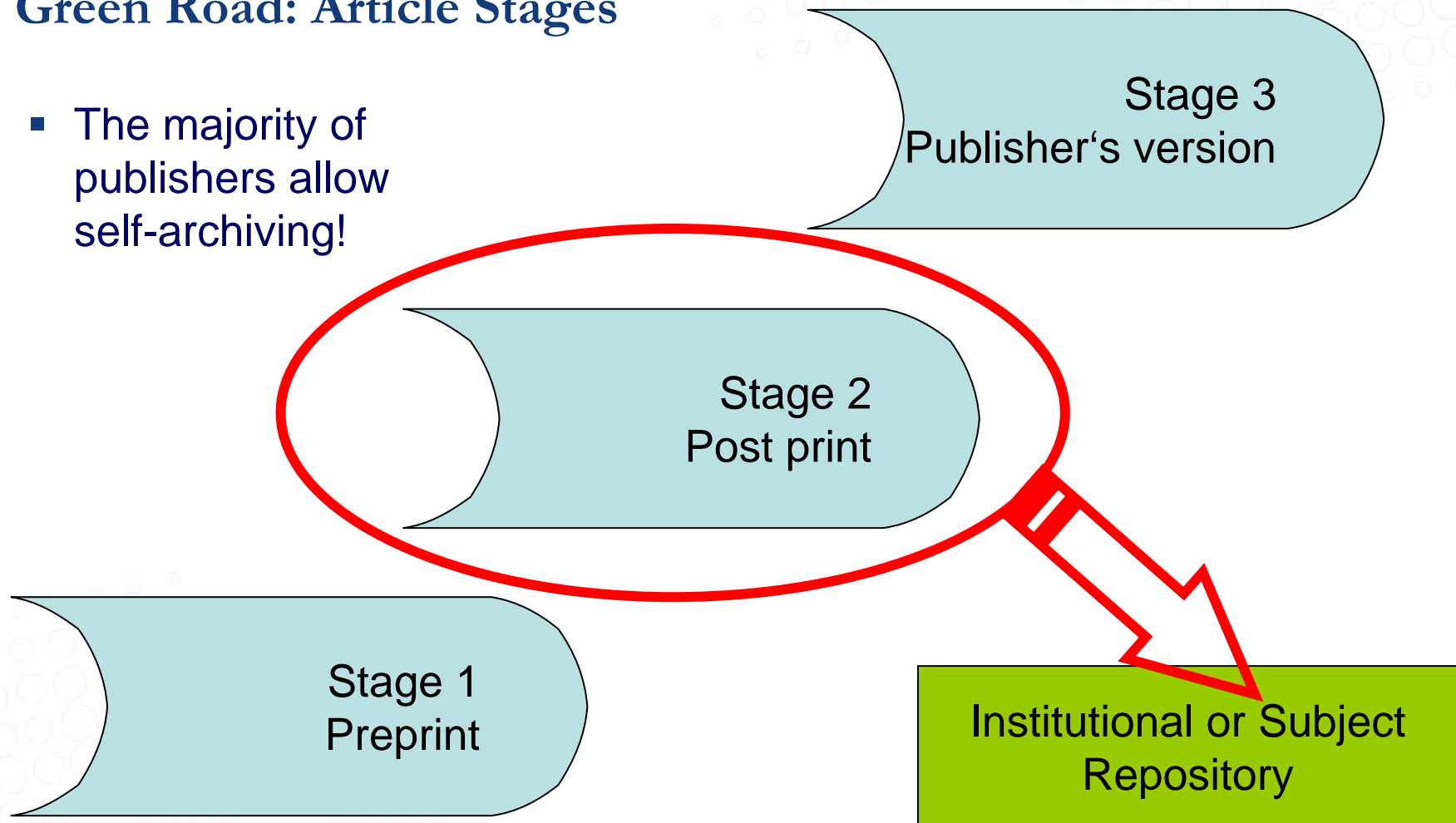






## How to: Green Road: Article Stages

- The majority of publishers allow self-archiving!





## How to: Green Road: Sherpa Romeo List



**SHERPA** ... opening access to research  
[Home](#) | [Guidance](#) | [Repositories](#) | [Projects](#) | [Links](#) | [About](#) | [Contacts](#)

Award winning SHERPA is investigating issues in the future of scholarly communication. It is developing open-access institutional repositories in universities to facilitate the rapid and efficient worldwide dissemination of research.

**SHERPA Services**

- [RoMEO](#) - Publisher's copyright & archiving policies
- [JULIET](#) - Research funders archiving mandates and guidelines
- [OpenDOAR](#) worldwide Directory of Open Access Repositories
- [SHERPA Search](#) - simple full-text search of UK repositories

**SHERPA Resources**

- [Forthcoming Events](#) - including speaking engagements
- [Guidance](#) on depositing material; copyright; and [open access for authors](#)
- [Advocacy Materials](#) for administrators, including past SHERPA presentations
- [Links](#) to other initiatives and related background information

**Current SHERPA & Allied Projects**

- [RSP](#) (Repositories Support Project) - support service for UK repository growth
- [DRIVER](#) - developing a cross-European repository network infrastructure
- [UKCoRR](#) - United Kingdom Council of Research Repositories
- [Intute Repository Search](#) - searches across 86 UK academic repositories
- [The Depot](#) a keep-safe repository for UK academics
- [SHERPA DP 2](#) - continuing to look at preservation models
- [SHERPA/RoMEO](#) - listing publishers' copyright agreements

**News**

[UKCoRR Autumn '07 Meeting Announced](#)

[First RSP Professional Briefing event a success](#)

[Key event series launched: Repository Administrator Professional Briefing & Networking workshops](#)

[more news...](#)

**Jobs**

[Institutional Repository and Digitisation Librarian \(Galway, Ireland\)](#)

[Scientific-Technical Manager for the European DRIVER-Project \(Germany\)](#)

[Senior Developer for the European Digital Library \(The Hague\)](#)

[Interoperability Manager European Digital Library \(The Hague\)](#)

**Funders**





## How to: Green Road: Sherpa Romeo List



...opening access to research

[Home](#) | [Guidance](#) | [Repositories](#) | [Projects](#) | [Links](#) | [About](#) | [Contacts](#)

**Publisher copyright policies & self-archiving**

No journals found when searched for **surface sciences**

**Search again?**

Search ☒ **Journal titles** ☐ **Publisher names**

for

find ☐ **contains** or ☒ **starts with** or ☐ **Exact phrase only** ☐ **ISSN**

Journal information kindly provided by the British Library's [Zetoc](#) service hosted by MIMAS.

© 2006-2009, University of Nottingham

[Contact us](#)







## How to: Green Road: Sherpa Romeo List



Several possible journals were found, please select from the list below or search again:

- 
- [Surface Science -Amsterdam-](#) (0039-6028)
  - [Surface Science Reports](#) (0167-5729)

### Search again?

Search ☒ **Journal titles** ☐ **Publisher names**

for

find ☐ **contains** or ☒ **starts with** or ☐ **Exact phrase only** ☐ **ISSN**

Journal information kindly provided by the British Library's [Zetoc](#) service hosted by MIMAS.

© 2006-2009, University of Nottingham





## How to: Green Road: Sherpa Romeo List “Surface Science Reports”

Publisher:	<a href="#">Elsevier</a>
Pre-print:	✓ subject to Restrictions below, author can archive pre-print (ie pre-refereeing)
Restrictions:	<ul style="list-style-type: none"><li>• This does not include Cell Press</li></ul>
Post-print:	✓ author can archive post-print (ie final draft post-refereeing)
Conditions:	<ul style="list-style-type: none"><li>• On authors personal or authors institutions website or server</li><li>• Published source must be acknowledged</li><li>• Must link to journal home page or articles' DOI</li><li>• Publisher's version/PDF cannot be used</li><li>• Articles in some journals can be made Open Access on payment of additional charge</li><li>• NIH Authors articles will be submitted to PMC after 12 months.</li></ul>
Mandated OA:	✓ <a href="#">ANR</a> (Compliant - see conditions); ✓ <a href="#">atc</a> (Paid OA option); ✓ <a href="#">ARC</a> (Paid OA option); ✓ <a href="#">Autism Speaks</a> (Compliant); ✓ <a href="#">BBSRC</a> (Compliant); ✓ <a href="#">BHF</a> (Paid OA option); ✓ <a href="#">CIHR</a> (Paid OA option); ✓ <a href="#">Cancer Research UK</a> (Paid OA option); ✓ <a href="#">CSO</a> (Paid OA option); ✓ <a href="#">CM</a> (Compliant); ✓ <a href="#">DoH</a> (Paid OA option); ✓ <a href="#">DFG</a> (Compliant); ✓ <a href="#">ESRC</a> (Compliant); ✓ <a href="#">CERN</a> (Compliant); ✓ <a href="#">ERC</a> (Compliant); ✓ <a href="#">FWO</a> (Compliant); ✓ <a href="#">FWF</a> (Compliant); ✓ <a href="#">Fraunhofer-Gesellschaft</a> (Compliant); ✓ <a href="#">HHMI</a> (Paid OA option); ✓ <a href="#">Inserm</a> (Compliant - see conditions); ✓ <a href="#">IRCSET</a> (Compliant); ✓ <a href="#">MRC</a> (Paid OA option); ✓ <a href="#">NHMRC</a> (Compliant); ✓ <a href="#">NIH</a> (Compliant); ✗ <a href="#">NRC</a> (Non-compliant); ✓ <a href="#">NERC</a> (Compliant); ✓ <a href="#">PPARC</a> (Compliant); ✓ <a href="#">SNF</a> (Compliant); ✓ <a href="#">STFC</a> (Compliant); ✓ <a href="#">Wellcome Trust</a> (Paid OA option)
Paid access:	<a href="#">Sponsorship Option</a>
Copyright:	<a href="#">view policy</a>
RoMEO:	This is a RoMEO green publisher
Updated:	23-Jun-2009. <a href="#">Suggest an update for this record</a>

Publisher:	RoMEO colour	Archiving policy
<a href="#">Elsevier</a> (Cell Press)	green	can archive pre-print and post-print
	blue	can archive post-print (ie final draft post-refereeing)

Publisher:	<a href="#">Elsevier</a>
Pre-print:	✗ author cannot archive pre-print (ie pre-refereeing)
Post-print:	✓ author can archive post-print (ie final draft post-refereeing)
Conditions:	<ul style="list-style-type: none"><li>• On authors personal or authors institutions server</li><li>• Published source must be acknowledged</li><li>• Must link to journal home page</li><li>• Publisher's version/PDF cannot be used</li></ul>
Mandated OA:	✓ <a href="#">ANR</a> (Compliant - see conditions); ✓ <a href="#">atc</a> (Paid OA option); ✓ <a href="#">ARC</a> (Paid OA option); ✓ <a href="#">Autism Speaks</a> (Compliant); ✓ <a href="#">BBSRC</a> (Compliant); ✓ <a href="#">BHF</a> (Paid OA option); ✓ <a href="#">CIHR</a> (Paid OA option); ✓ <a href="#">Cancer Research UK</a> (Paid OA option); ✓ <a href="#">CSO</a> (Paid OA option); ✓ <a href="#">CM</a> (Compliant); ✓ <a href="#">DoH</a> (Paid OA option); ✓ <a href="#">DFG</a> (Compliant); ✓ <a href="#">ESRC</a> (Compliant); ✓ <a href="#">CERN</a> (Compliant); ✓ <a href="#">ERC</a> (Compliant); ✓ <a href="#">FWO</a> (Compliant); ✓ <a href="#">FWF</a> (Compliant); ✓ <a href="#">Fraunhofer-Gesellschaft</a> (Compliant); ✓ <a href="#">HHMI</a> (Paid OA option); ✓ <a href="#">Inserm</a> (Compliant - see conditions); ✓ <a href="#">IRCSET</a> (Compliant); ✓ <a href="#">MRC</a> (Paid OA option); ✓ <a href="#">NHMRC</a> (Compliant); ✓ <a href="#">NIH</a> (Compliant - see conditions); ✓ <a href="#">Wellcome Trust</a> (Paid OA option)
Paid access:	<a href="#">Sponsorship Option</a>
Copyright:	<a href="#">view policy</a>
RoMEO:	This is a RoMEO blue publisher
Updated:	01-Apr-2009. <a href="#">Suggest an update for this record</a>





## How to: Green Road: MPS Support and Strategy

### Support

- Repository Software (eDoc, PubMan)
- Personal via librarians at MPis in cooperation with MPDL
- Projects
  - Workflow: Texts into institutional repository
  - Workflow: Determination of copyright status
  - Retro digitization: e.g. Reinhold von Sengbusch
  - Archiving/Publishing: Grey Linguistic Literature

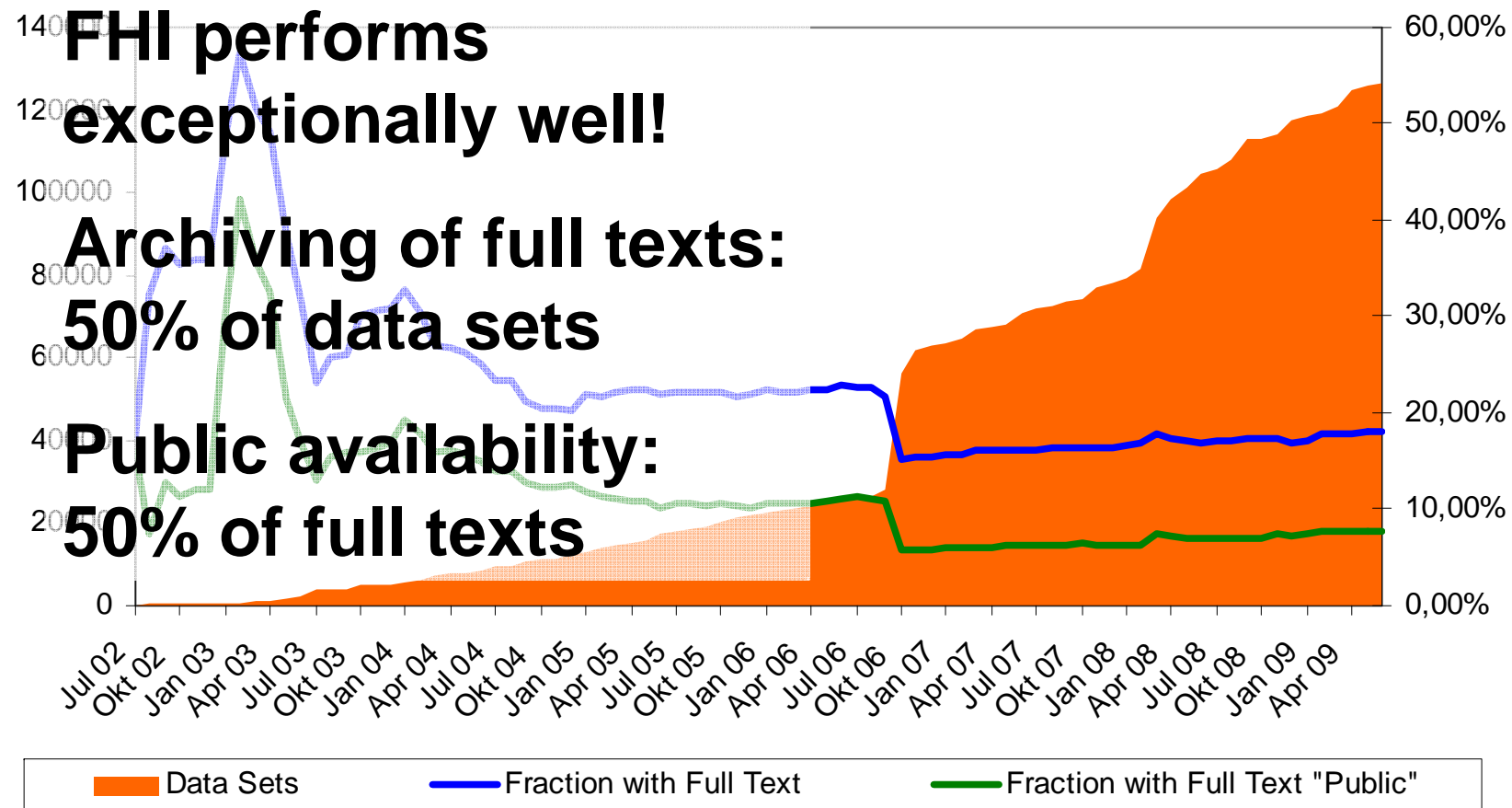
### Strategy / Advocacy

- Dialog with publishers: Projects PEER / SOAP
- Advocating changes in German copyright Law
  - Urheberrechtsbündnis (Germany)
  - Priority Initiative „Digital Information“





## Green Road: eDoc Population and Accessibility



## Further Information: Co-operations in the Field of Open Access (example)

### Priority Initiative "Digital Information" by the Alliance of German Science Organisations

[Sitemap](#) · [Contact](#) · [Imprint](#) · [Deutsch](#)

[Start](#) [Core Activities](#) [Steering Committee](#) [News](#) [Partners](#)

#### Core activities:

- National Licensing
- National Hosting Strategy
- Research Data
- Open Access
- Legal Frameworks
- Virtual Research Environments

*"Equipping scientists and scholars with the information infrastructure best suited to meeting their research needs is the guiding principle of this priority initiative."*

Excerpt from "Priority Initiative Digital Information - Guiding Principles"

With the Priority Initiative "Digital Information" the Alexander von Humboldt Foundation, the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation), the Fraunhofer-Gesellschaft, the German Academic Exchange Service (DAAD), the German Rectors' Conference (Hochschulrektorenkonferenz - HRK), the Helmholtz Association, the Leibniz Association, the Max Planck Society and the Wissenschaftsrat (German Council of Science and Humanities) have agreed to coordinate their activities and to expand on the ideal of the innovative information environment by means of a Joint Priority Initiative from 2008 to 2012 with the following goals:

- to guarantee the broadest possible access to digital publications, digital data and other source materials
- to utilise digital media to create the ideal conditions for the distribution and reception of publications related to German research
- to ensure the long-term availability of the digital media and contents that have been acquired from around the world and their integration in the digital research environment
- to support collaborative research by means of innovative information technologies.

[Read more](#) about the guiding principles and details about the priority areas of the initiative.

#### News

German support for the [International Open Access Week](#)

Search

#### Partners

- Alexander von Humboldt Foundation
- Deutsche Forschungsgemeinschaft (DFG, German Research Foundation)
- Fraunhofer-Gesellschaft
- German Academic Exchange Service (DAAD)
- German Academy of Sciences Leopoldina
- German Rectors' Conference (Hochschulrektorenkonferenz - HRK)
- Helmholtz Association
- Leibniz Association
- Max Planck Society
- Wissenschaftsrat (German Council of Science and Humanities)



[Sitemap](#) · [Contact](#) · [Imprint](#) · [Deutsch](#)



## Further Information: Open Access Plattform: Max Planck Society Branch



The screenshot shows the homepage of the Max Planck Society Branch Open Access platform. The header features the Max Planck digital library logo and navigation links: Über uns | Beirat | Kontakt | Sitemap | Impressum | English. The main banner reads "Der freie Zugang zu wissenschaftlicher Information" and "open access informationsplattform". A search bar is present. The left sidebar contains a menu with categories: ALLGEMEINES, DA INFORMATIONEN, WISSENSWERTES FÜR, DA INFORMATIONEN, and AUSTRAGEN. The main content area includes a welcome message, a list of Open Access partners (Fraunhofer-Gesellschaft, Helmholtz-Gemeinschaft, Max-Planck-Gesellschaft, etc.), and a list of Open Access Ansprechpartner. The right sidebar lists partner institutions: Freie Universität Berlin, Universität Konstanz, GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN, and Universität Bielefeld.

- One stop shop for information on Open Access in Germany
- Online since May 2007
- DFG sponsored project of 4 German university libraries
- Additional support by several institutions, e.g. MPS
- Selection by subject possible
- English version available
- <http://open-access.net>



## Further Information: Links

- MPS OA Network -> <https://listserv.gwdg.de/mailman/listinfo/mpg-oa-net>
- MPDL CoLab -> [http://colab.mpdl.mpg.de/mediawiki/Open\\_Access\\_Index](http://colab.mpdl.mpg.de/mediawiki/Open_Access_Index)
- Berlin Declaration -> <http://oa.mpg.de/>
- eSciDoc -> <http://www.escidoc-project.de>
- Living Reviews -> <http://livingreviews.org>
- Directory of Open Access Journals -> <http://www.doaj.org/>
- Sherpa Romeo List -> <http://www.sherpa.ac.uk/romeo.php>
- Open Access Directory -> [http://oad.simmons.edu/oadwiki/Main\\_Page](http://oad.simmons.edu/oadwiki/Main_Page)
- Information Platform Open Access -> <http://open-access.net>



# Thanks

## for taking the time!

Please do not hesitate to contact  
“MPG Open Access Unit”  
at  
[open-access@mpdl.mpg.de](mailto:open-access@mpdl.mpg.de)

