



MAX PLANCK
digital library

Changing the landscape - various ways of achieving open access

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Max Planck Digital Library



Overview

Max Planck Society and Max Planck Digital Library

Max Planck Society and Open Access

Berlin, Springer, etc.

Going further

PEER



The Max-Planck Society

Max Planck Society in figures

- **80 Institutes**
 - basic research
 - all subject areas
 - distributed organization
- **Budget**
 - 1.3 bill. EUR
- **12,000 employees**
 - 3,500 scientists
 - 8,500 support staff
- **9,100 annual visiting scholars**





Max Planck Digital Library (MPDL)

A new service unit of the Max Planck Society

- operates since January 1, 2007
- covers the area of scientific information management
 - facilitate optimal access for scientists of the MPS to scientific information
 - provide an effective infrastructure for scientific information supply
 - supports the MPS in its Open Access policy



Max Planck Digital Library

Open Access Policy



Berlin Declaration

Research and Development

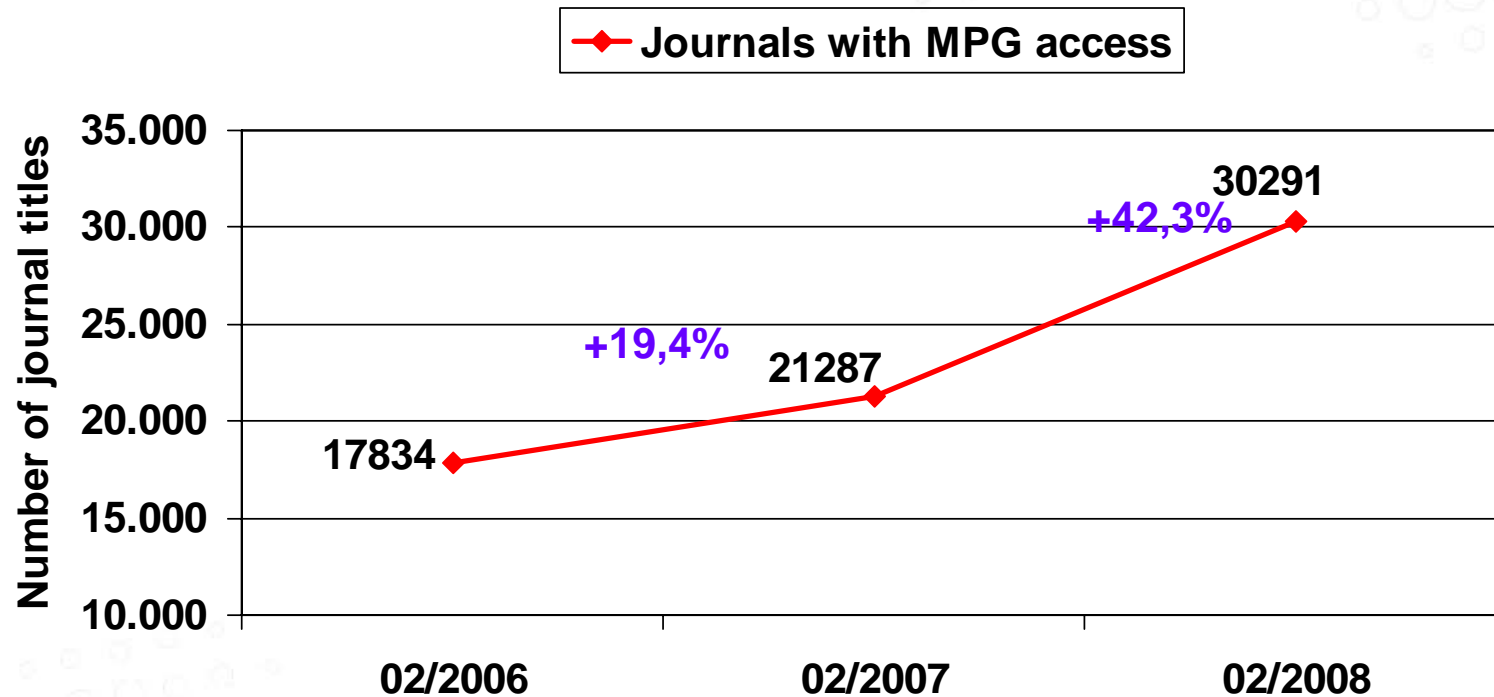


Information provision

subscriptions
30 000 e-journals
150 databases



Information provision: Journal coverage



Important electronic journal collection – also on international scale

Vast growth rate; accelerated since MPDL foundation



Further Information Provision Services

- Access to content in 2007
 - 3.5 million full text downloads
 - 3.0 million database searches

- Access systems with enhancements and new versions
 - Max Planck Virtual Library (vLib)
 - MPG/SFX Services (Reference Linking)

- Development of an MPG eBook concept



Research & Development

- eDoc
 - Institutional repository of Max Planck Society (see below)
- eSciDoc
 - Project sponsored by BMBF together with FIZ Karlsruhe (www.escidoc.de)
 - Development of infrastructure and specific solutions to support scientific communication
 - In close co-operation with MPS institutes
 - Released as Open Source
- Living Reviews
 - Publishing platform for Open Access Journals (see below)
- eScience
 - Establishing of Colab platform to facilitate applications of eScience



Open Access activities @ MPDL

- The People
 - Christoph Bruch and Anja Lengenfelder
- Advocating OA MPS internally and externally
 - Website, Flyer
 - regular presentations at the MPIs
 - Preparation of and attendance at conferences
- Supporting the implementation of the MPS OA policy
 - Deposit request
 - Workshops on legal issues
- Supporting the Berlin process
 - Website
 - Annual conference
- Communicates local needs and expertise into central decision making processes.
 - MPS-OA-Network
- Exploring and negotiating with publishers new models for viable OA publishing



Max Planck Society and Open Access

- Berlin Declaration
- Green Road
- Golden Road
- Colourful Road...

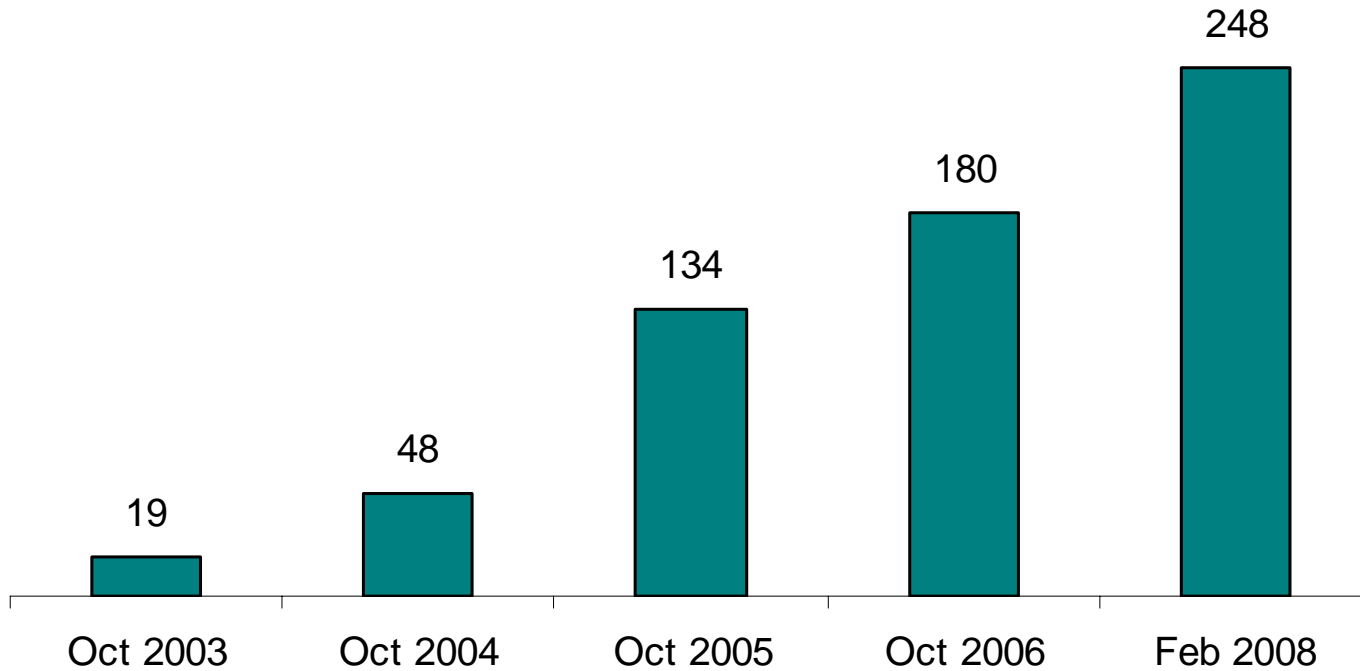


Berlin Declaration (2003) claims

„...free, irrevocable, worldwide, right of access to, and a license to copy, use, distribute, transmit and display the work publicly and to make and distribute derivative works, in any digital medium for any responsible purpose....“



Berlin Declaration Signatories





New Database for the Signatories on the website of the Berlin Declaration (<http://oa.mpg.de/openaccess-berlin/signatories-extended.html>)



MAX-PLANCK-GESELLSCHAFT

- Program**
 - OA Conference
 - Program Committee
 - ECHO Meeting
- Berlin Declaration**
 - Declaration Recommendation
 - Roadmap
 - Signatories
 - Press Release & Statement
- Participants**
 - List
 - Snapshots
- Links**
 - OA Resources
 - Media Coverage
- Follow-Up Conferences**
 - CERN May 2004
 - SOUTHAMPTON Feb 2005
 - Golm March 2006
 - Padua September 2007

Conference on
Open Access to Knowledge in the Sciences and Humanities
20 - 22 Oct 2003, Berlin

Signatories

extended table of signatories
graphics

248 organisations from all over the world have signed the Berlin Declaration

#	Year ↑	Country ↓	Organisation ↓
query	all	all	
<u>1</u>	2.008	Belgium	Federaal Wetenschapsbeleid (Dutch) - Politique scientifique fédérale (French) - Förder Wissenschaftspolitik (German).
<u>2</u>	2.008	Sweden	Kungliga Vetenskapsakademien
<u>3</u>	2.007	Austria	International Institute for Applied Systems Analysis
<u>4</u>	2.007	Belgium	Faculté Polytechnique de Mons
<u>5</u>	2.007	Belgium	Facultés Universitaires Catholiques de Mons AS
<u>6</u>	2.007	Belgium	Facultés Universitaires Notre-Dame de la Paix
<u>7</u>	2.007	Belgium	Facultés Universitaires Saint-Louis à Bruxelles



Berlin Process is still going on...

- Berlin Follow-up conferences
 - CERN, Switzerland May 2004
 - Southampton, Great Britain February 2005
 - Golm, Germany March 2006
 - Padua, Italy September 2007

- ...and the next conference will be in Düsseldorf, Germany on 11-13 November 2008



Green Road: eDoc

- Institutional Repository of the Max Planck Society, sponsored by Heinz Nixdorf Foundation, moved into MPDL
- Already provides Open Access functionalities
- More function, e.g. copyright management, will be offered by next version (PubMan)

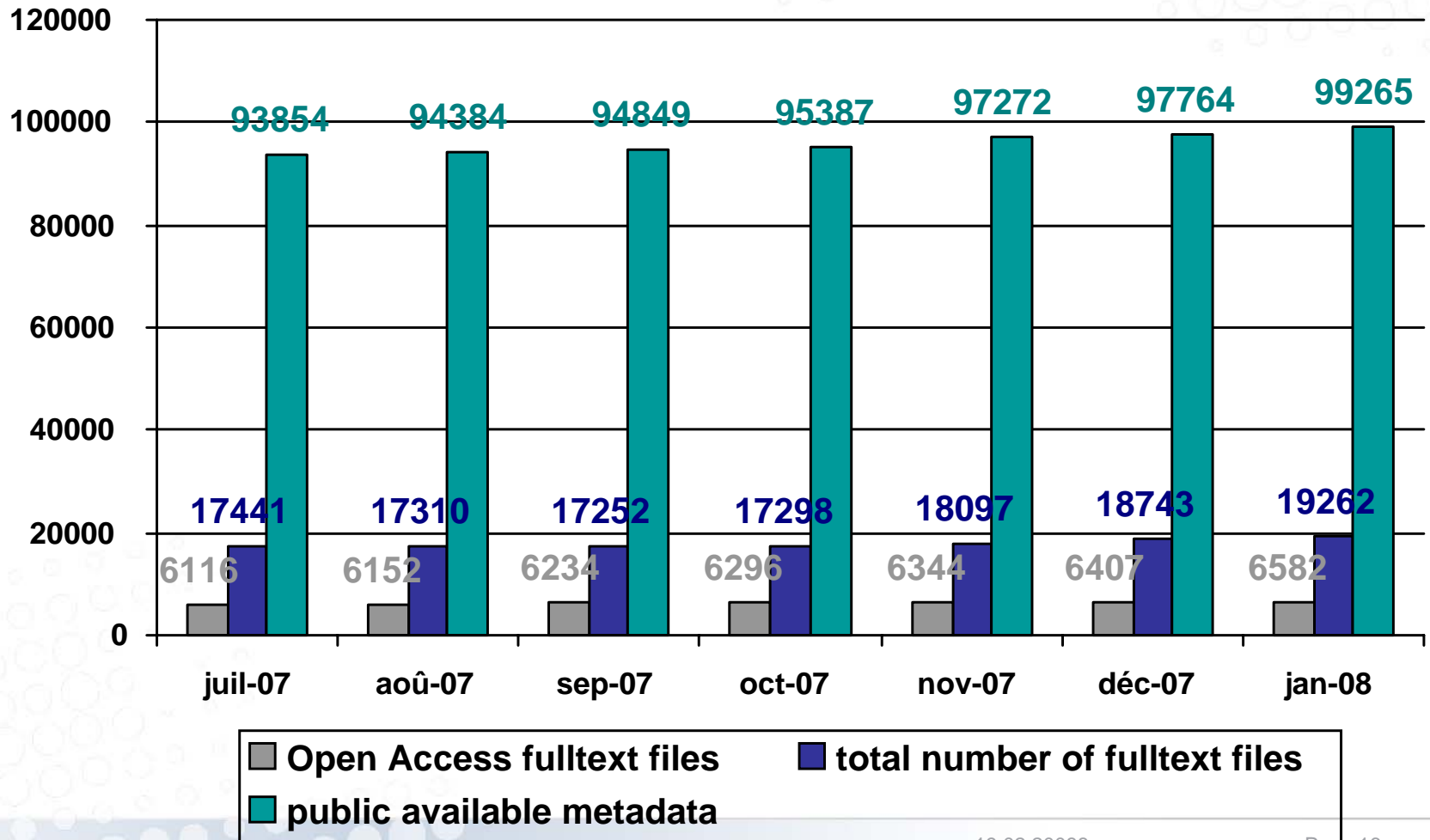


What is eDoc used for?

- Institutional Repository of the MPS
 - Manage, store references and full texts of publications
 - Increase visibility of scientific output
 - Single point of reference (institutional memory)
- Yearbook of the MPS
 - Mandatory for every institute to deliver data to the PR department
 - Following Publications are concerned: Article, Book, Book Chapter, Conference-Paper, Issue, Journal, Series, Thesis, Habilitation, Paper, Report

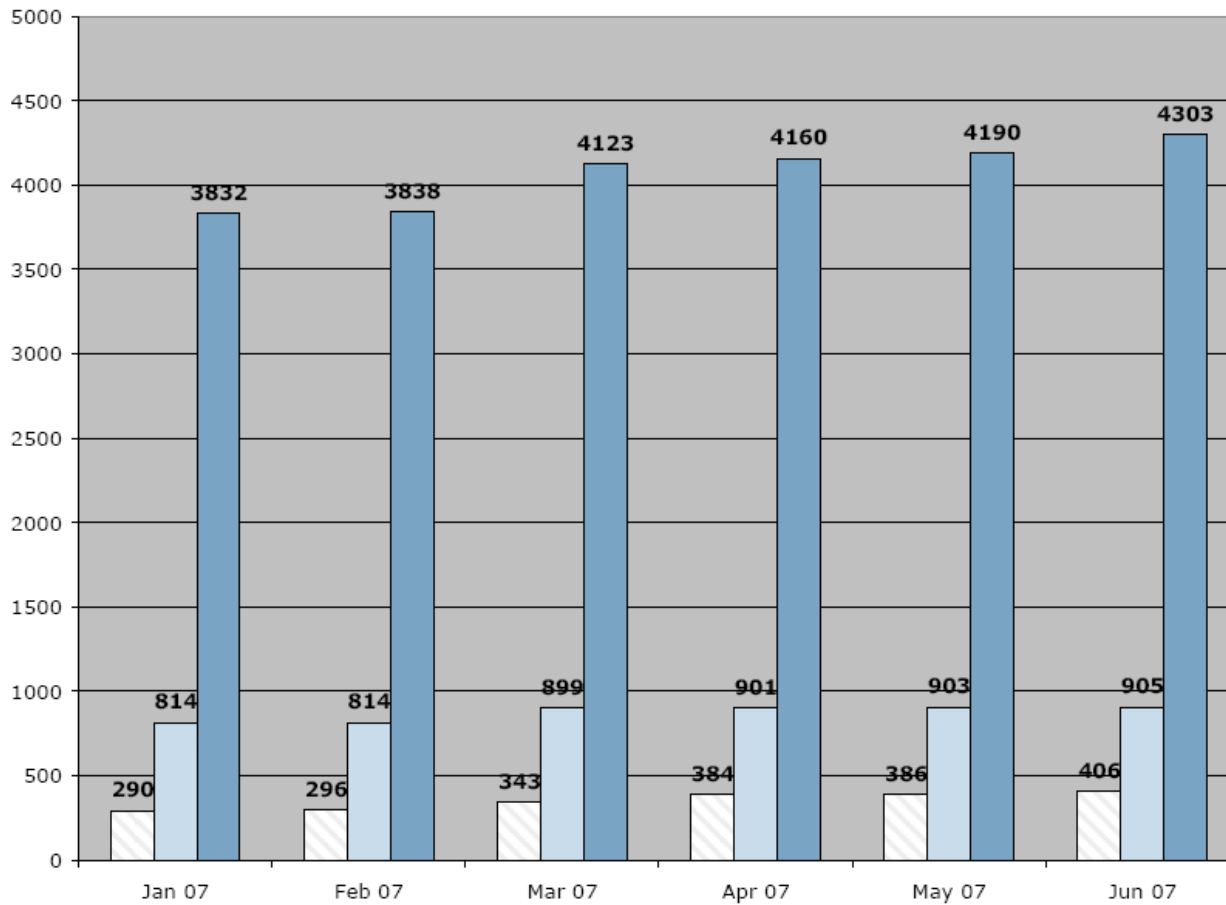


eDoc





OA Full Texts per Section



77% of full text files from CPT Section

17% full text files from GSHS

6% full text files from BM Section

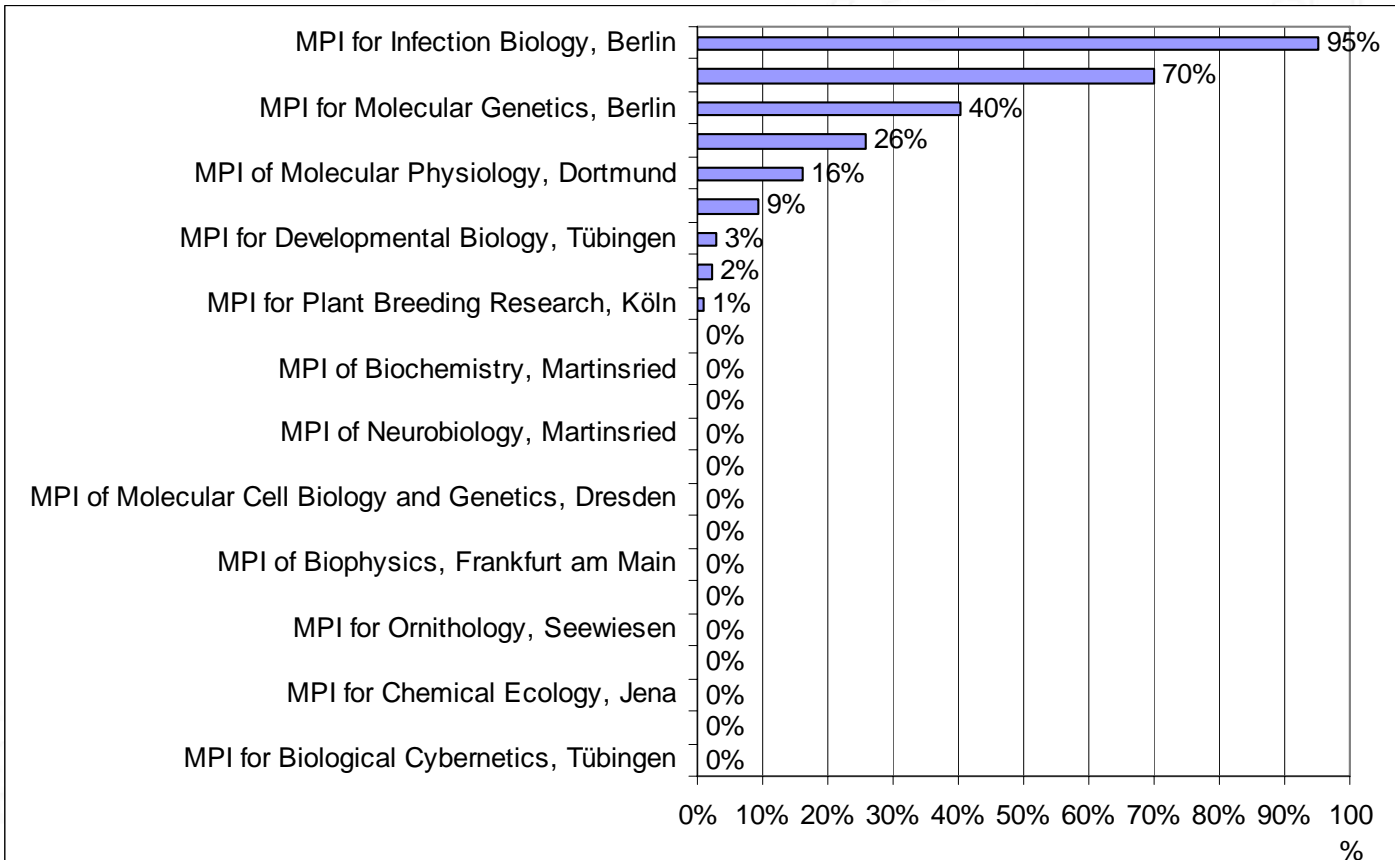


OA in the Biomedical section - a few figures

- Overall coverage
 - 76% of full texts is from CPT section
 - 17% of full texts is from GSHS
 - 7% of full texts is from BM section
- Involved institutes
 - 74% of full texts from GSHS are provided by 3 institutes (1)
 - 68% of full texts from CPT are provided by 3 institutes (2)
 - 86% of full texts from BM are provided by 3 institutes (3)
 - (1) of 8 considered institutes
 - (2) of 13 considered institutes
 - (3) of 13 considered institutes



Full Texts of Bio./Med. MPIs in eDoc



Period: 01-01-2003 – 01-06-2007



MPS Deposit Request

- MPS *in process* of adopting a policy to archive all published results of research:
- Each institute will have the responsibility to archive its publications and research results electronically in a long-term manner, either in the institute or in a central archive (*eDoc* now, *eSciDoc/PubMan* soon). Recognises that different fields have different requirements.
- As close to a ‘deposit mandate’ as is allowed under German and European law.
- Decoupled from, but a first step toward, full open access archiving.



Golden road: a variety of OA agreements

- Recent agreements
 - Copernicus (Geoscience): starting with publication date 1 JAN 2008
 - Springer „Open Choice“: starting with publication date 1 JAN 2008
- Standing agreements
 - Biomed Central
 - New Journal of Physics
- In preparation
 - Public Library of Science (PLoS)
 - Thieme
- SCOAP³ (Sponsoring Consortium for Open Access Publishing in Particle Physics)
- MPS OA Journals: Living Reviews



SCOAP³

SCOAP³ (=Sponsoring Consortium for Open Access Publishing in Particle Physics)

- International initiative of the community of particle physics
- Co-ordinated by CERN (European Organisation for Nuclear Research)
- Different consortial partners (libraries, funding agencies, research organisations)
- Max Planck Society was part of the working party and is part of the German SCOAP³ consortium (together with Helmholtz Association and TIB – Technical Information Library Hannover)
- See [□http://scoap3.org/□](http://scoap3.org/)



SCOAP³

Aim

- 100% OA of all HEP (=High Energy Physics) articles
 - preserve established journal “landscape” and quality standards (peer-review)
- 5 „core“ and 1 „broadband“ journals (sponsoring model, hybrid model)
- Re-direct money spent on subscription to SCOAP³
- Long-term archiving of HEP publications

Background

- Small community (15000 scientists in total)
- Few HEP journals (10)
- Long OA tradition (www.arxiv.org)



Living Reviews Publishing Platform

LIVING  REVIEWS
in relativity

LIVING  REVIEWS
in solar physics

LIVING  REVIEWS
in european governance

LIVING  REVIEWS
in landscape research



„Living“ concept

- 1998: Living Reviews in Relativity
- 2004: Living Reviews in Solar Physics
- 2006: Living Reviews in Europ. Governance
- 2007: Living Reviews in Landscape Research

- Review articles
 - highlights on current research
 - evaluative commentary on essential techniques and concepts
 - point out challenges for future research
 - guide users through important literature and online resources
- commissioned by international editorial board
- subject to peer review
- updated, kept current by their authors
- target group: scientific community above graduate level



MPS and Open Access in Germany : Allianz Working Group "Open Access"

- Allianz: Fraunhofer Gesellschaft, Helmholtz Gemeinschaft, Leibniz Gemeinschaft, Max-Planck-Gesellschaft, DFG, Hochschulrektorenkonferenz
- Regular meetings on Open Access issues
- Co-Publishing of Special "Open Access" of Wissenschaftsmanagement
- Contribution to "Informationsplattform Open Access" on the Internet



Open Access Platform: Max Planck Society Branch

- 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 is planned
- <http://open-access.net>





MPS Branch on IPOA



[Über uns](#) | [Beirat](#) | [Kontakt](#) | [Sitemap](#) | [Impressum](#) | [English](#)

Der freie Zugang zu wissenschaftlicher Information

informationsplattform

Suche

ALLGEMEINES

Was bedeutet Open Access?
Gründe und Vorbehalte
Geschäftsmodelle
Rechtsfragen
Praktische Umsetzung (FAQ)

OA IN VERSCHIEDENEN FÄCHERN (IM AUFBAU)

Bitte auswählen

WISSENSWERTES FÜR

Autoren
Herausgeber von Zeitschriften
Betreiber von Repositorien
Hochschulleitungen
Bibliotheken
Förderorganisationen
Verlage

[Home](#) » [OA Informationen der](#) » [Max-Planck-Gesellschaft](#)

Open Access in der Max-Planck-Gesellschaft

[Berliner Erklärung](#) | [Praktische Umsetzung](#) | [Kooperation](#)

Willkommen auf den Seiten der [Max-Planck-Gesellschaft](#) innerhalb der deutschen Open Access Informationsplattform.

Auf den folgenden Seiten finden Sie Informationen darüber, wie der Open Access Gedanke in einer auf nationaler und internationaler Ebene führenden öffentlich finanzierten Forschungsinstitution umgesetzt wird.

Es ist zentraler Anspruch der [Max-Planck-Gesellschaft](#), die von ihren Wissenschaftlerinnen und Wissenschaftlern gemachten Entdeckungen und Forschungsergebnisse zum Nutzen der gesamten Menschheit möglichst breit verfügbar zu machen.

Durch den Beschluss der unter anderem von der [Max-Planck-Gesellschaft](#) initiierten [Berliner Erklärung](#) im Jahr 2003 wurde die Open Access Bewegung in Deutschland und Europa

MAX-PLANCK-GE

[Begrüßung](#)

[Inhaltsübersicht](#)



Beyond fighting - the PEER project

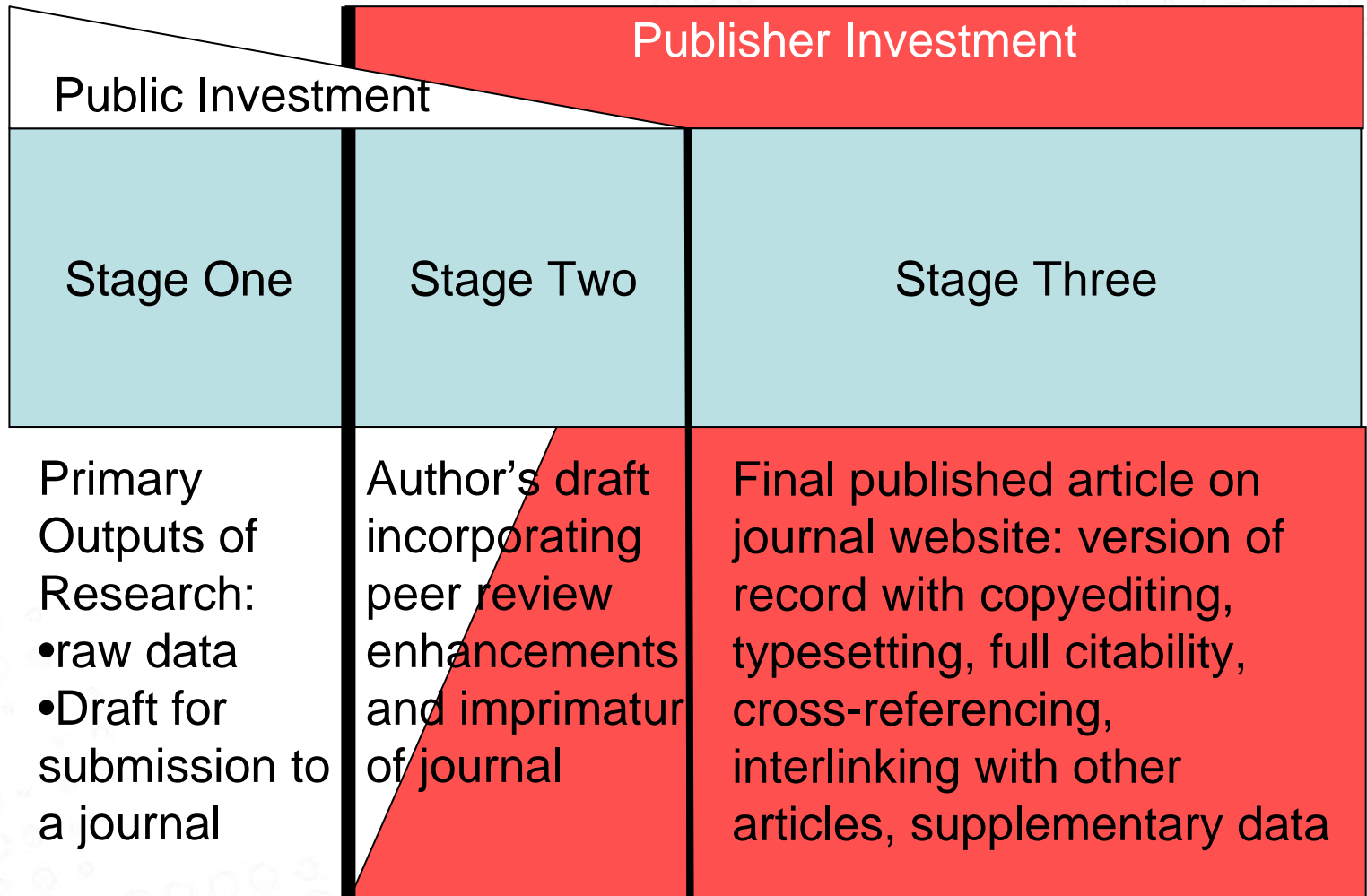
Publishing and the Ecology of European Research (PEER)

EU program eContent+

Consortium:

STM, ESF, Univ. Goettingen, Max Planck Society, INRIA

Stages of Publication





A complex picture

- Current Situation
 - Rapid growth of institutional repositories
 - Individual funding agency mandates
 - Publisher experimentation
 - Lack of agreement on evidence to date
- Key Problems and Issues
 - Impact of systematically archiving stage-two outputs is not clear
 - on journals and business models
 - on wider ecology of scientific research
 - Varying policies are confusing for authors and readers
 - Lack of understanding and trust between publishers and research community



How can the PEER project contribute to clarifying this?

- Purpose of PEER
 - Develop an “observatory” to monitor the impact of systematically depositing stage-two outputs on a large scale
- Observables
 - Determine how large-scale deposit of stage-two outputs will affect journal viability
 - Determine whether it increases access
 - Determine whether it affects the broader ecology of European research
 - Determine the factors affecting readiness to deposit and associated costs
 - Develop model(s) to show how traditional publishing can coexist with self-archiving

Overall Approach

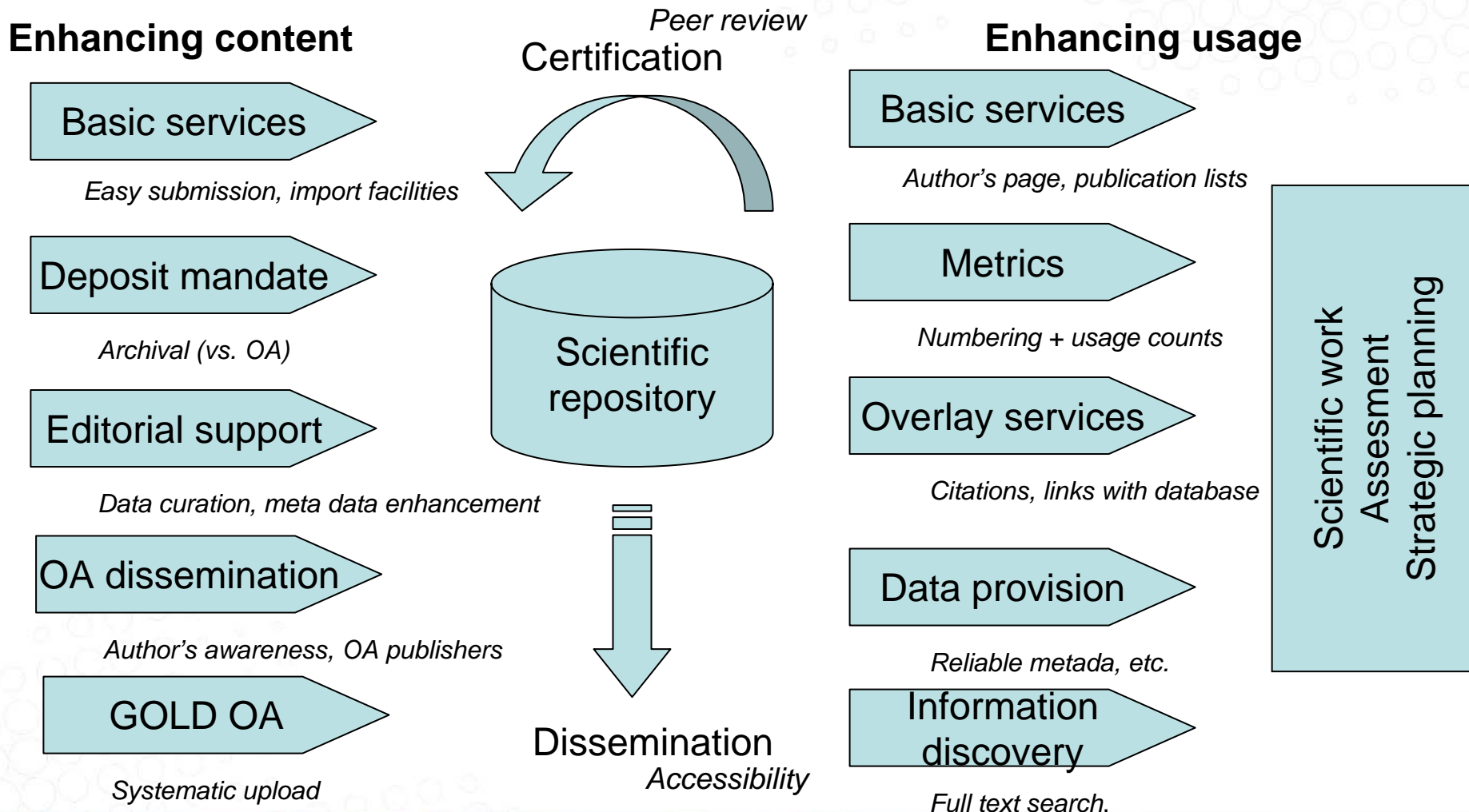
- Publishers contribute 300 journals (and a control group)
- Maximise deposit and access within EU repositories
 - 50% publisher-assisted deposit
 - 50% author self-archiving
- Collaborate with DRIVER to involve repositories
- Commission research from independent research teams to assess impact – behavioural, access/usage and economic



Overview - Issues in designing an OA policy

- Necessity to act at all levels
 - Technical
 - identifying the need for integrated and sustainable platforms for the management of research assets;
 - Editorial
 - defining the measures to be taken to help researchers adhere to the open access principles and make their results usable to a wide scientific community;
 - Political
 - contributing to increase open access awareness and the stronger coordination of institutions worldwide;
 - Scientific
 - going towards the definition of scientific collaborative environments that would implement the role of open access in a wider notion of eScience.

Overview (cont.) - Repositories and their ecology





6. Links

- Max Planck Society – Max Planck Digital Library
 - Berlin Declaration -> <http://oa.mpg.de/>
 - MPDL website -> <http://www.mpdl.mpg.de/>
 - eDoc Server -> <http://edoc.mpg.de>
 - eSciDoc -> <http://www.escidoc-project.de>
 - Living Reviews -> <http://livingreviews.org>
 - MPDL CoLab ->
http://colab.mpdl.mpg.de/mediawiki/Open_Access_Index
- OA-Partners
 - SCOAP³ -> <http://scoap3.org/>
 - Information Platform Open Access -> <http://open-access.net>