



Open Access Survey at ETH Zurich: Information Event

Prof. Ulrich Weidmann, Dr Rafael Ball, Dr Arlette Piguet

30.01.2017, 12.00 – 13:00 (Hönggerberg) / 17:00 – 18:00 (ETH Zentrum)

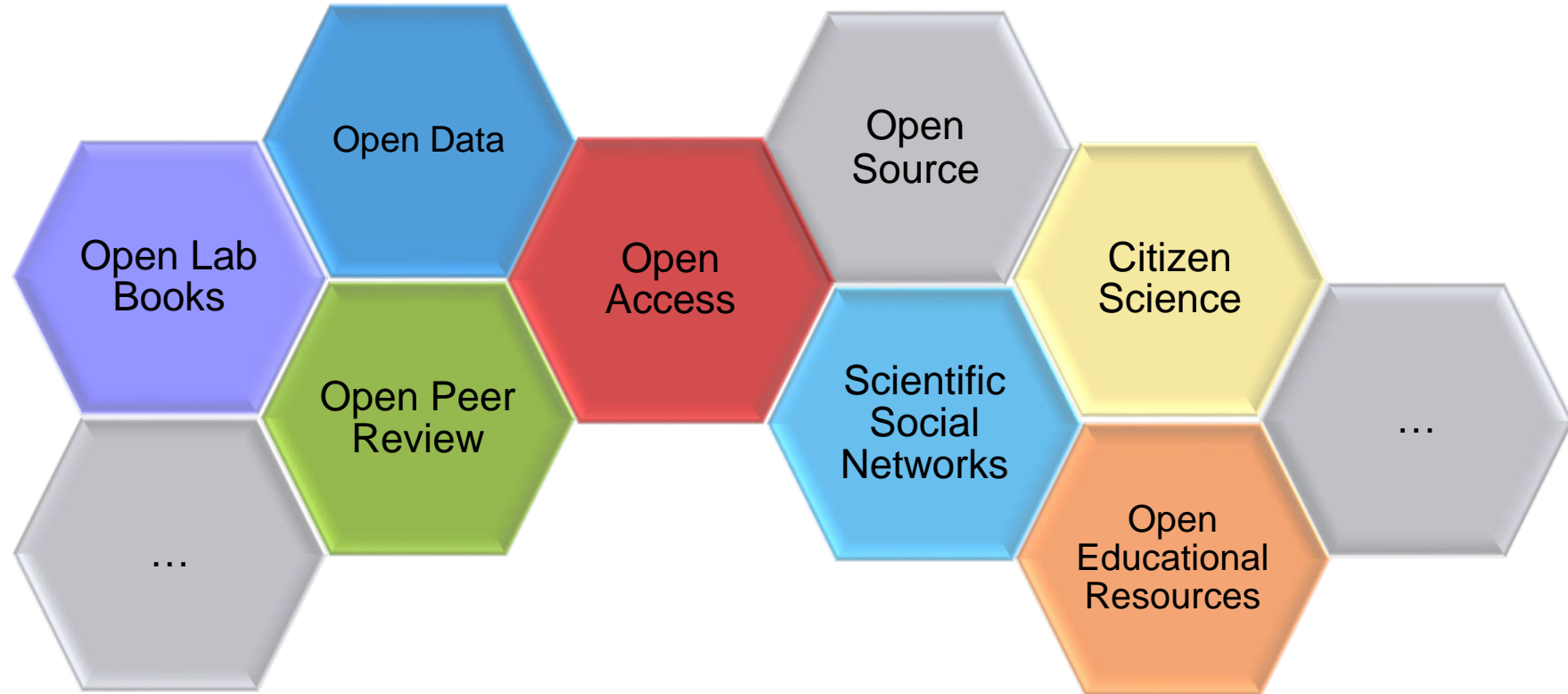
Overview

1. Welcome	Prof. Ulrich Weidmann, Vice President Human Resources and Infrastructure	5'
2. Open Access in a broader context		
3. What is Open Access? Current situation and trends in scholarly publishing, impact for ETH Zurich	Dr Rafael Ball, Director ETH Library	15'
4. Open Access survey: objectives, brief introduction	Dr Arlette Piguet, ETH Library	10'
5. Questions and answers	all	30'

Open Access in a broader context

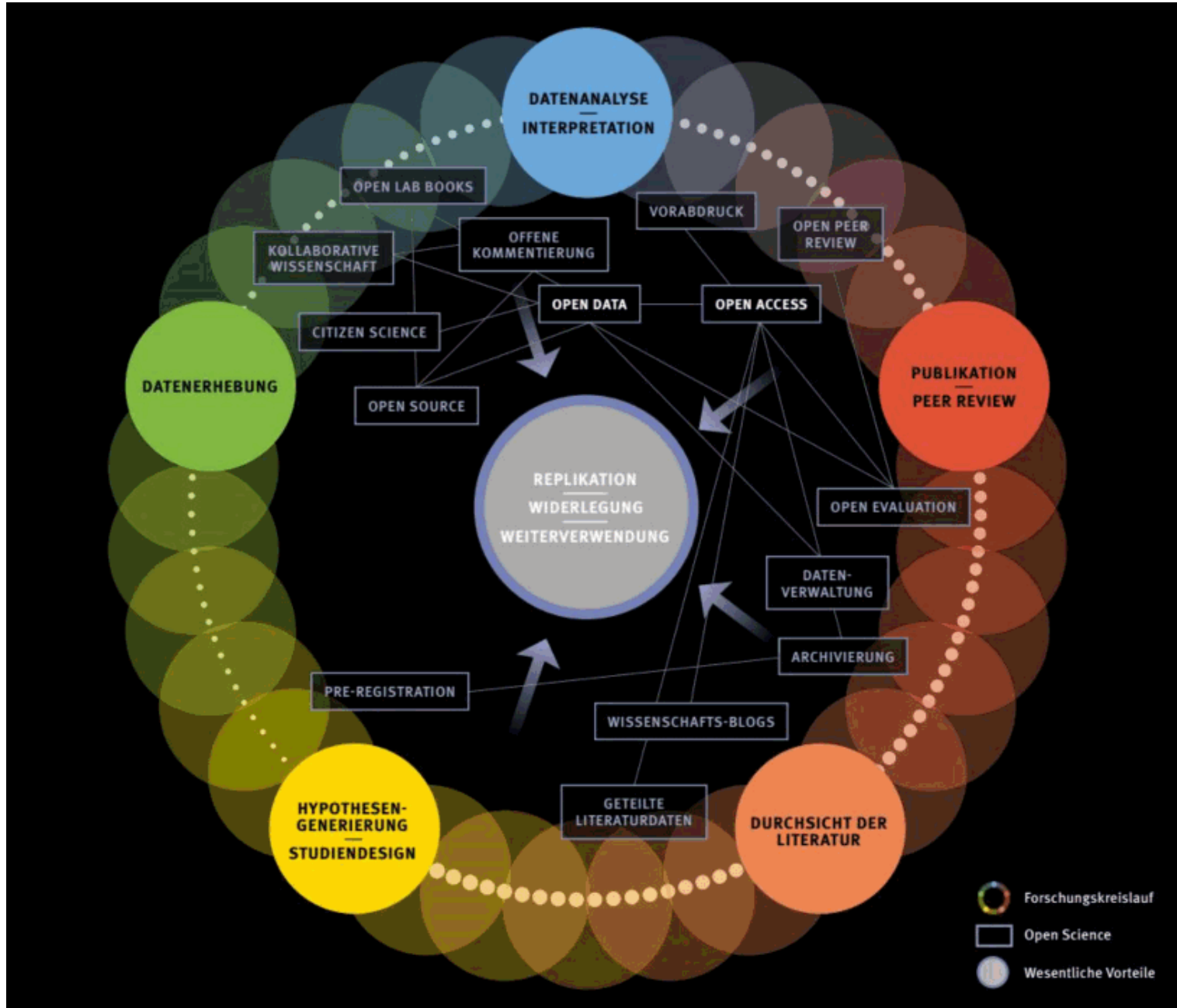
Prof. Ulrich Weidmann,
Vice President Human Resources and Infrastructure

Open Access as element of Open Science



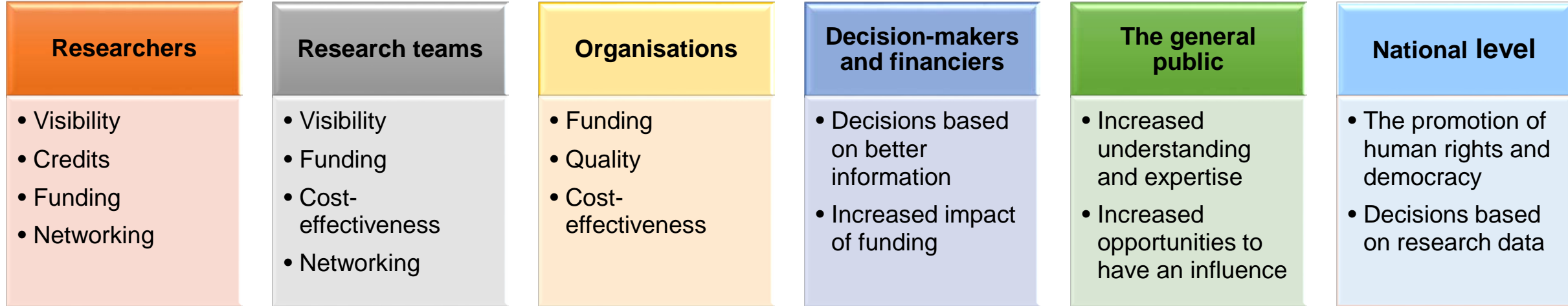
Open Science represents a **new approach to the scientific process** based on cooperative work and new ways of diffusing knowledge by using digital technologies and new collaborative tools (European Commission, 2016b:33)

Open Access from SNSF perspective



Source:
Horizonte No. 110.

Expected benefits of Open Science/Open Access to further parties



...but many open questions, too:

- Willingness of Researchers to share data and ideas
- Financing of Open Access publications
- Review Procedures
- Many more...

Open Access survey at ETH Zurich: background information

Starting the discussion about Open Science

National Open Access strategy of swissuniversities

→ Definition of an implementation plan for ETH Zurich

Activities at ETH Zurich:

- Broader strategic and political discussion about Open Access
- Agree common strategy within ETH Zurich Scientists
- Improve Open Access services
- ...

Objectives of the survey at ETH Zurich:

- Widespread information about Open Access
- Find out attitudes, experiences and expectations among ETH Zurich Scientists
- Launch a broader discussion
- Start implementation strategy

What is Open Access?

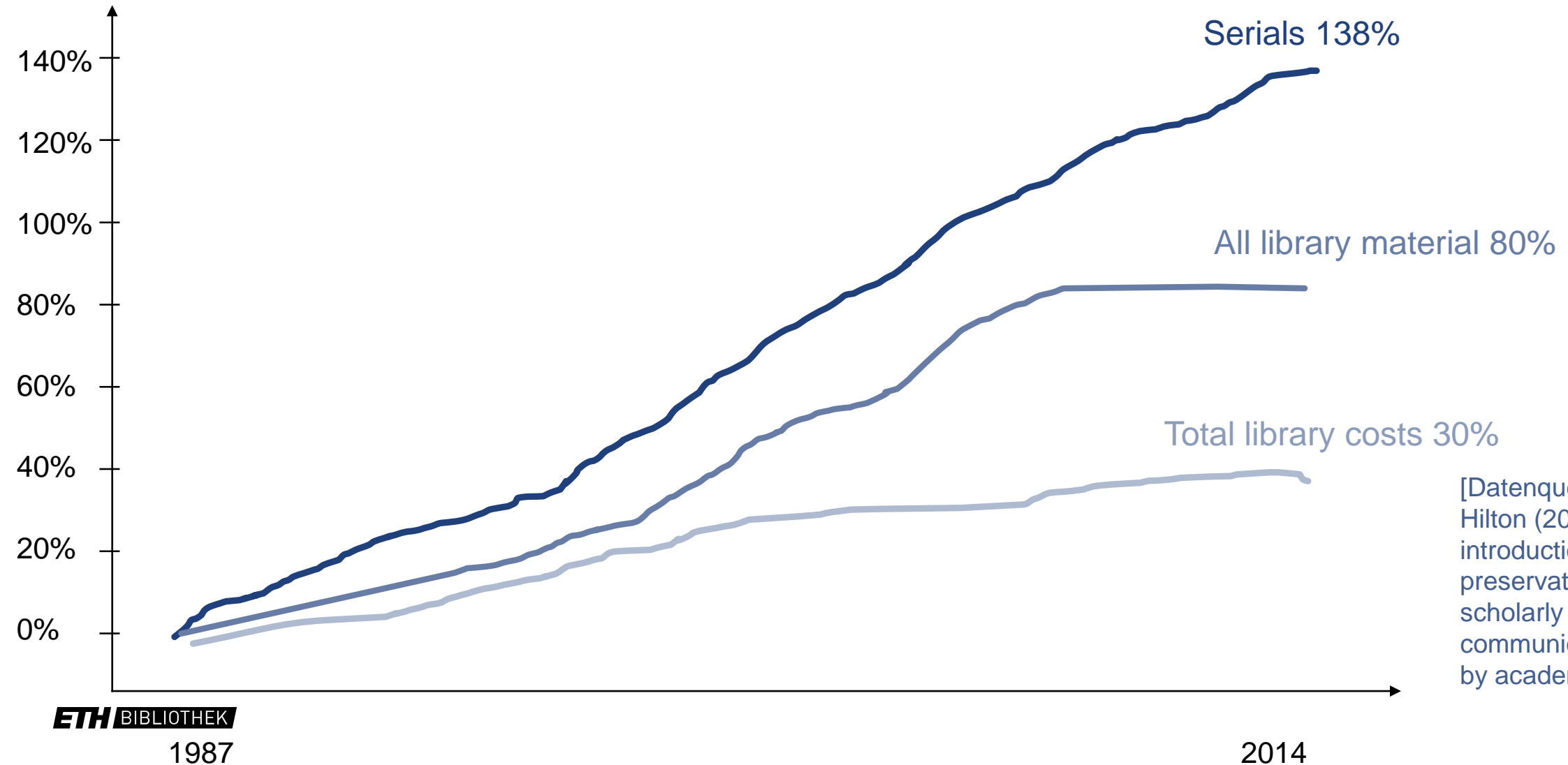
Current situation and trends in scholarly publishing

Impact for ETH Zurich

Dr Rafael Ball, Director ETH Library

One Reason for OA: Serials Crisis

ARL (Association of Research Libraries) Inflation - Adjusted Expenditure Data 1987-2014



[Datenquelle: Gibson Hilton (2016): "An introduction to the preservation of the scholarly communication record by academic libraries"]

Brief history

- **Budapest Open Access Initiative** (Feb 2002)
 - Unrestricted online access to scholarly journal literature in all academic fields.
- **Bethesda Statement on Open Access Publishing** (Apr. 2003)
 - Importance of disseminating scientific research results quickly and efficiently
 - Share research results, ideas, and discoveries freely with scientific community/public.
- **Berlin Declaration on Open Access** (Oct. 2003)
 - Inaugural signatories: Leading European and American research funders / universities
 - Encouraging researchers to provide OA to their research results
- **Lyon Declaration** (Aug. 2014)
 - Advocacy document to positively influence the content of the United Nations post-2015 development agenda

What is Open Access?

accessible

without costs for the reader

«Open access [...] literature is digital, online, free of charge, and free of most copyright and licensing restrictions.»

possibility to reuse

[Peter Suber, 2012]

- Objective: To provide unrestricted and free access to scientific literature (via the Internet) and to reduce usage barriers.
- -----
- Idea: Shifting payment from usage to payment for production of scientific publications (Article Processing Charge APC)

Implementation of OA

Green Road



vs.








Golden Road



Free access to already conventionally published content

Primary publication in Open Access media

For example via

- Institutional Repositories 
- Disciplinary Repositories  
- Multidisciplinary Repositories  
- Academic Networking Sites  

e.g. Various Open Access Journals



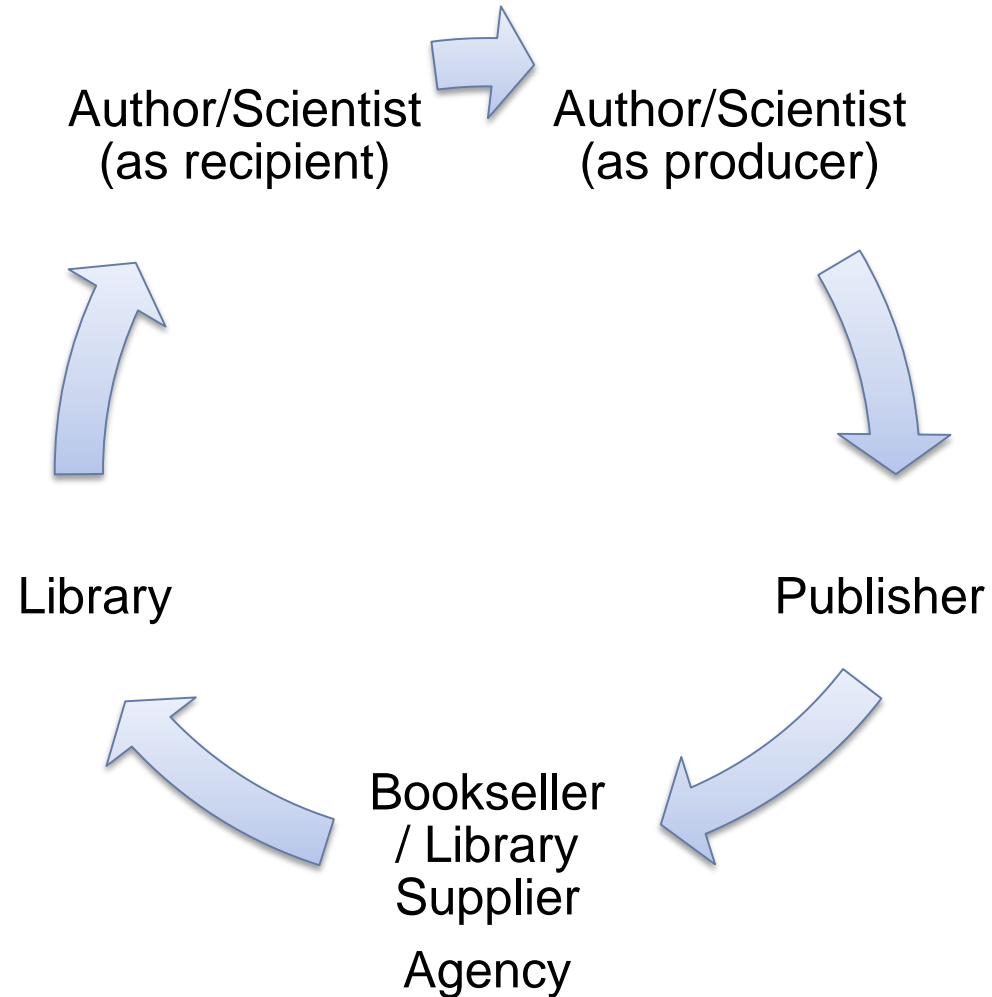
Wiley Open Access



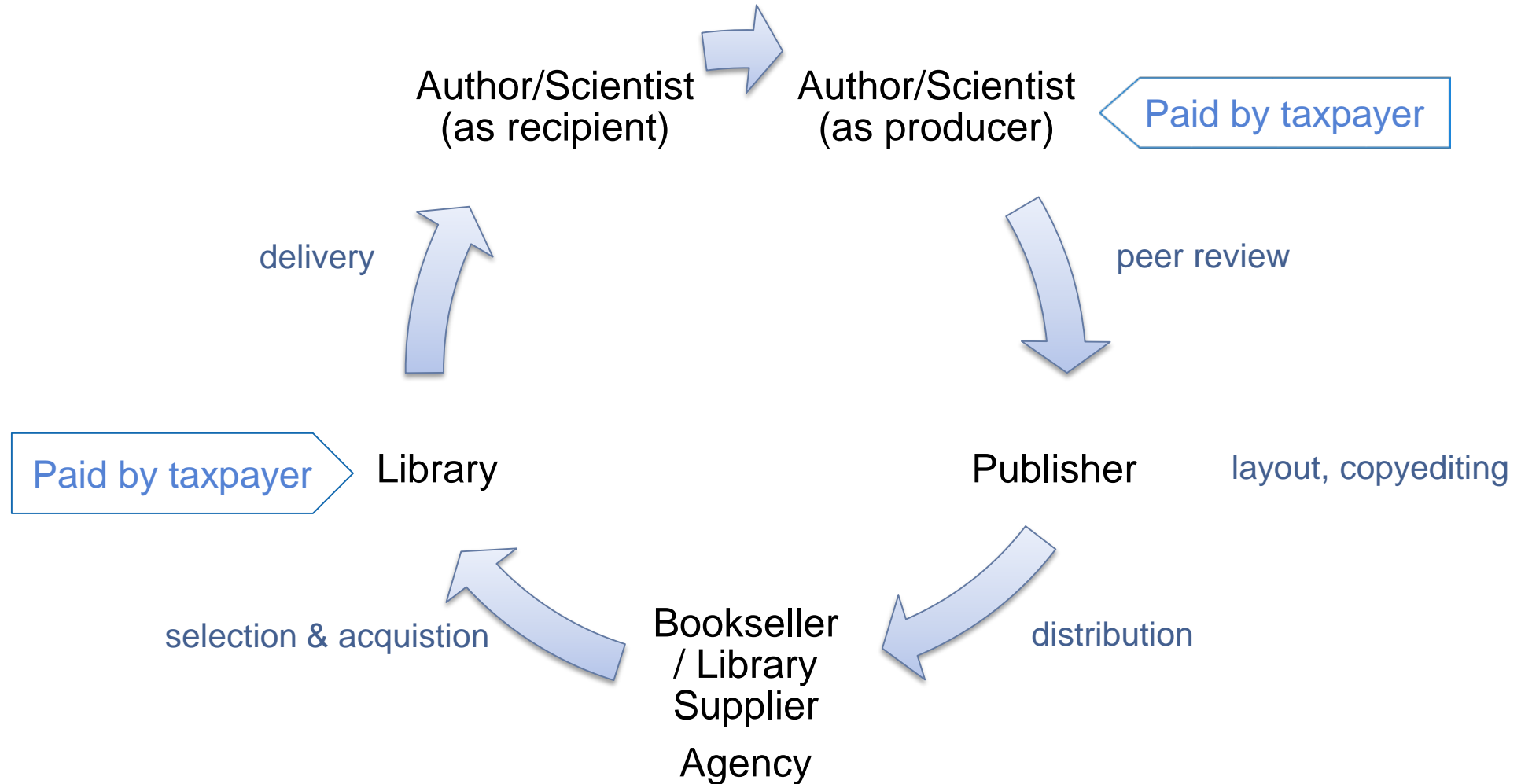
SpringerOpen



Traditional Publication Cycle

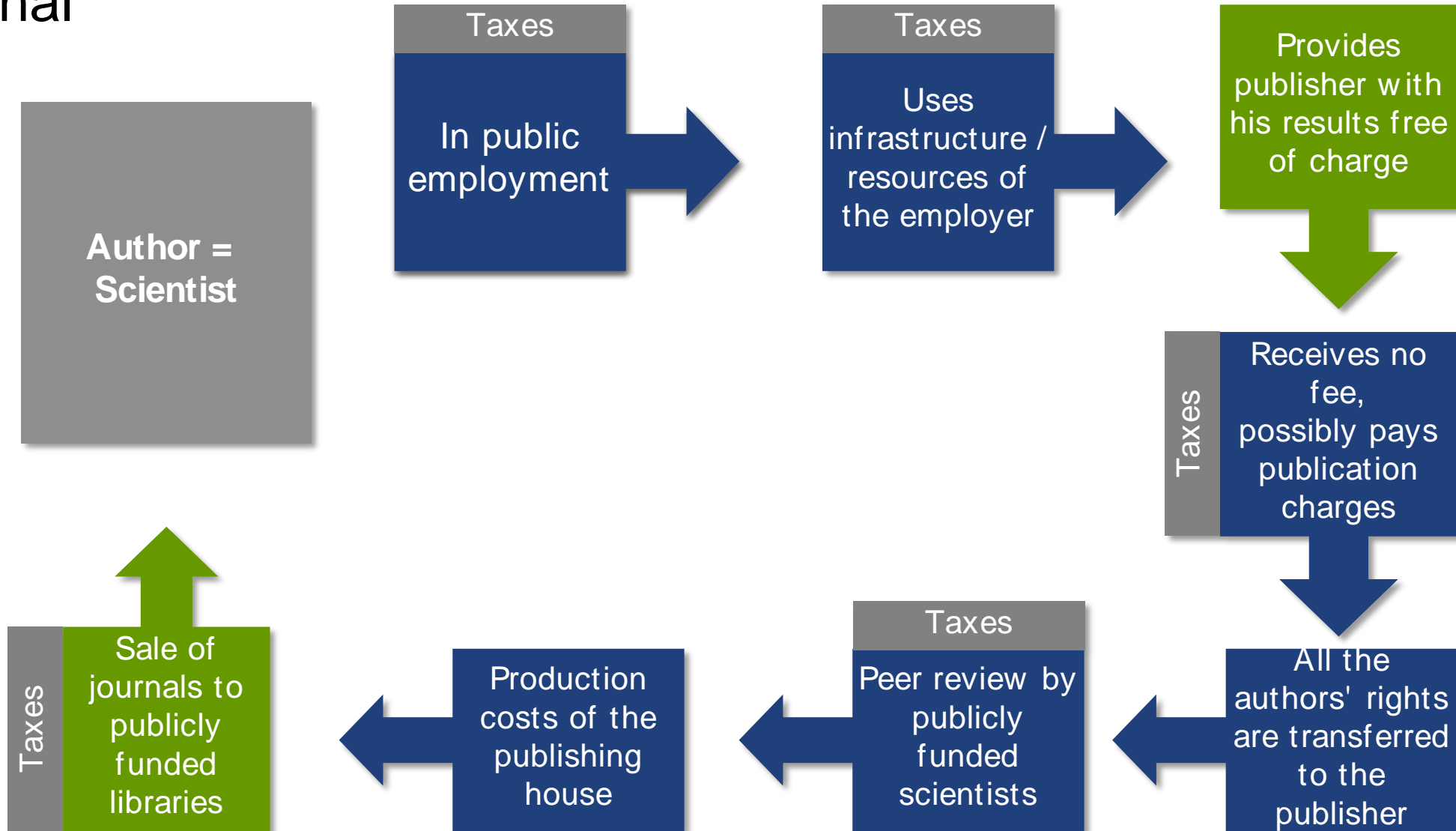


Traditional Publication Cycle



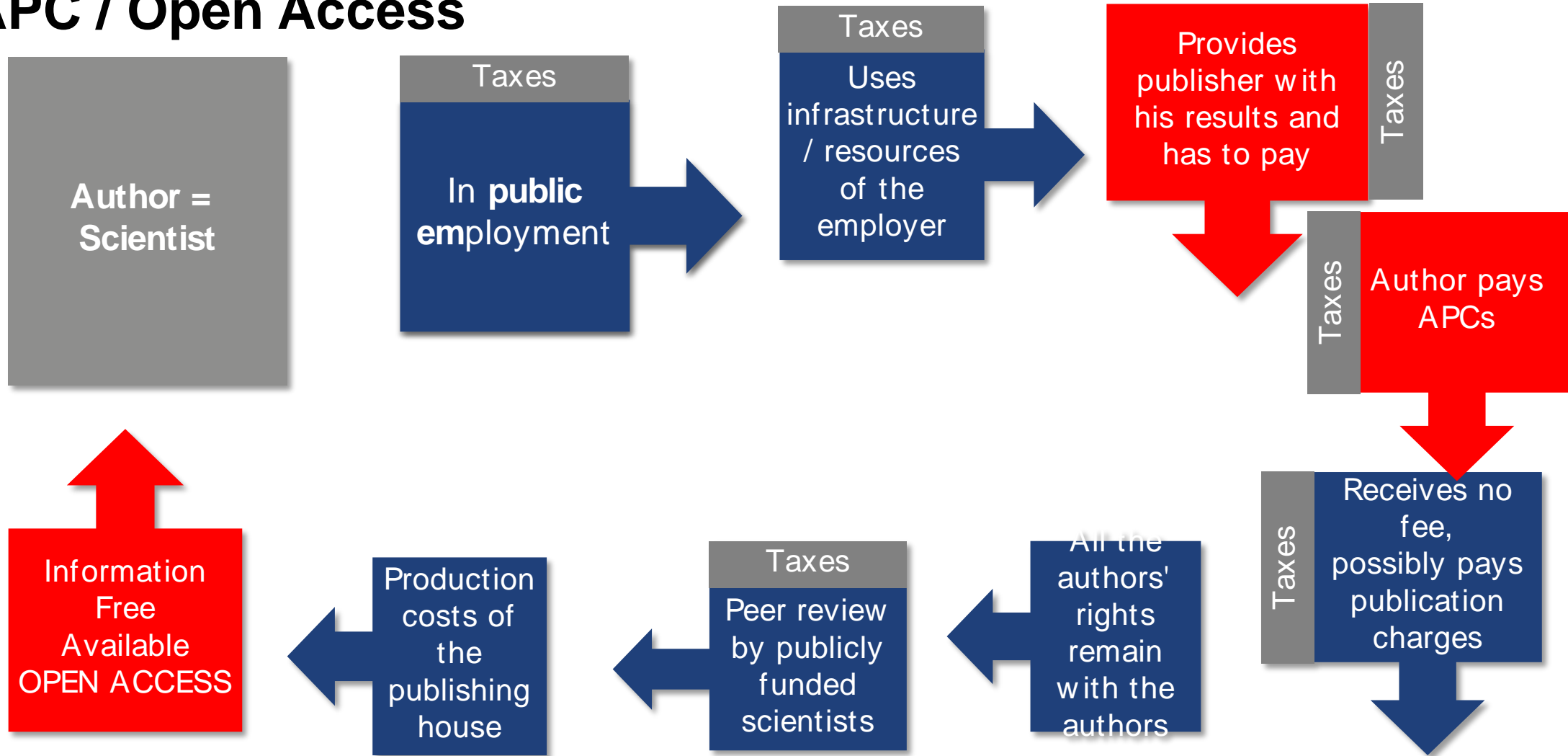
Financial flows

Traditional






Financial flows

APC / Open Access



The Consequences of OA

Gold Open Access: Costs and Impact Factor

Journal	Price	Impact Factor 2015
 Journal of Cloud Computing a SpringerOpen Journal	\$ 800	-
 New Journal of Physics The open access journal for physics	\$ 1'760	3.570
 PLOS BIOLOGY	\$ 2'900	8.668
 nature COMMUNICATIONS	\$ 5'200	11.329
Average price per article (APC)	\$ 1'600 – \$ 2'700	

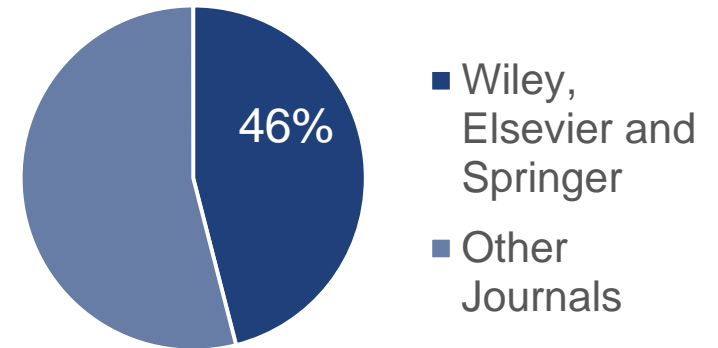
A few numbers....

WORLDWIDE

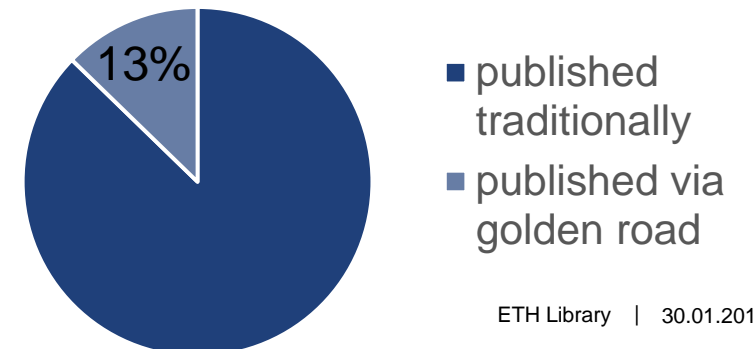
- 750 OA policies worldwide.
75% outside the USA
- I.e. Gold OA Publications at Royal Chemical Society:
 - Germany: 56%
 - UK: 48%
 - CH: 30%
 - USA: 8%
- ETH Zurich`s subscriptions
account for 15 % of all journals
subscribed to in CH

AT ETH ZURICH

All articles published by ETH researchers 2015



Articles by ETH researchers in 2015:
Golden Road vs. traditionally published



Publishing at ETH Zurich

- **Open Access policy** at ETH Zürich (adopted 2008):
 - ETH Zurich staff are required to publish in institutional repository
 - ETH Zurich researchers are encouraged to publish open access
 - ETH Zurich covers part of the publication costs

- **Funding OA:** Article processing charges
 - Swiss National Science Foundation
 - European Commission

Open Access in Switzerland

- 43% of research institutions in Switzerland have an Open Access policy today
- National Open Access Strategy (SERI, SNSF and «*swissuniversities*»)

Core statements of the Strategy :

- By 2024, all academic papers in Switzerland should be OA, all scholarly publications funded by public money must be freely accessible on the internet.
- The OA landscape will consist of a mix of Open Access models: Gold OA, Green OA, Hybrid OA

... The story goes on...
... It just has begun...

Open Access survey: objectives, brief introduction

Dr Arlette Piguet, ETH Library

Open Access survey at ETH Zurich

Objectives of the survey at ETH Zurich:

- Widespread information about Open Access
- Find out attitudes, experiences and expectations among ETH Zurich Scientists
- Launch a broader discussion
- Start implementation strategy

- The survey is conducted by ETH Library on behalf of the Executive Board
- Methodology
 - Online survey among the whole scientific staff at ETH Zurich
 - Distribution of the questionnaire: www.iafob.ch
 - Survey period: February 01 – 24
 - About 15 minutes for completing the questionnaire

Questions

A) Publication of academic results and your own publication behaviour

B) Open Access services of ETH Library

C) Open Access publishing

D) Future dealing with Open Access journals at ETH Zurich

A) Publication of academic results and your own publication behaviour

- **How important are the following factors for you when you submit your research paper to a publishing house (or any other publisher) for publication?**
 - Impact factor
 - Publishing pre-print / post-print
 - No publication fees
 - ...

- **To what extent do you agree to the following statements?**
 - Publishers provide key services
 - Universities ought to offer more support on publishing research results
 - I would be prepared to do without access to certain high priced journals
 - ...

B) Open Access services of ETH Library

- **Which of the following Open Access services are you aware of?**
 - ETH E-Collection (document server)
 - Funding of APCs by ETH Library in selected Open Access Journals
 - ...

- **How satisfied are you with the ETH Library services you have used so far?**

- **In case of dissatisfaction: what are the reasons?**
 - I have never been informed about Open Access
 - The information is difficult to find
 - ...

B) Open Access services of ETH Library (contd.)

- **Are you aware of ETH Zurich's Open Access Policy?**

- **How important are the following aspects of an Open Access Policy for you?**
 - Continued free choice of publication medium
 - I can retain my author's exploitation rights
 - The policy should generally be compulsory

C) Open Access publishing

- **Which of the following Open Access publication options have you used to publish research results in the past 12 months?**
 - Open Access journal / hybrid journal / ETH E-Collection / private website / ETH Zurich website / Subject-specific document server ...

- **I have used an Open Access publication option because it was...**
 - required by the Swiss National Science Foundation (SNSF; mandate)
 - recommended by ETH Zurich's Open Access policy / by co-authors...
 - already practised successfully by my colleagues
 - ...

C) Open Access publishing (contd.)

- **How were the costs of the Open Access journal paper(s) you have published in the past 12 months funded?**
 - From my research group's budget
 - By ETH Library
 - ...

- **How much money have you spent in total in the past 12 months on publishing Open Access works?**

- **How much have you spent in the past 12 months for page charges, colour illustrations, etc., in connection with publications in subscription journals (NOT Open Access)**

D) Future dealing with Open Access journals at ETH Zurich

- **How would you rate a complete transformation of academic publishing from the subscription-based model to Open Access?**
- **What are your expectations, needs or comments regarding Open Access at ETH Zurich?**

**Thank you for your valuable
contribution!**

Next steps in 2017 following the survey

March 29th	First presentation of the results at the Conference of the Heads of Department (DVK)
April	Email with the most important results to the scientific staff
Mai / June	Publication of the final report via various information channels (ETH Library, ETH Zurich, Switzerland)
3 / 4 July	Strategic discussion of the results, defining further steps at the retreat of the Executive Board
Second half of the year	Additional work for continuing the discussion (events, workshops etc.)
2018	...

Questions & Answers

More information about Open Access:

www.library.ethz.ch/openaccess