



The Landscape of Open Access Publishing Today

Suenje Dallmeier-Tiessen, Bettina Goerner, Robert Darby, Jenni Hyppoelae, Peter Igo-Kemenes, Deborah Kahn, Simon Lambert, Anja Lengenfelder, Chris Leonard, Salvatore Mele, Malgorzata Nowicka, Panayiota Polydoratou, David Ross, Sergio Ruiz-Perez, Ralf Schimmer, Mark Swaisland and Wim van der Stelt

BMC, CERN, MPDL, SAGE, Springer and STFC

Presented by
Ralf Schimmer

SOAP Symposium, Berlin, 13 January 2011



project-soap.eu

- Assess the supply of OA publishing outlets
- Start from the DOAJ (07/2009)
- Collect additional information (09/2009-01/2010)
 - SCOPUS, ISI-JCR, EZB, SCImago, ask friends and colleagues
 - Article information as of 2007/2008
 - Trawl through thousands of web pages
- Answer key questions
 - How many articles, journals, publishers?
 - In which discipline, with which license?
 - Where does the money come from?
 - ...

How many?

a) Fully Open Access

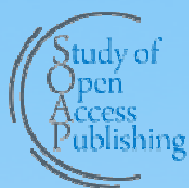
Journals/Publisher	Publishers		Total journals		Total articles/year	
1	1,621	90 %	1,621	57 %	63,887	55 %
2 to 9	171	9 %	491	17 %	25,442	22 %
10 to 49	12	1 %	190	7 %	12,623	11 %
≥ 50	5	<1 %	536	19 %	14,931	13 %
Total	1,809		2,838		116,883	

- English language journals only (4,032 → 2,838)
- 90% of publishers <100 articles/year and 1/3 of total
- 10% of publishers publish 2/3 of the total

b) Hybrid: 22% of journals, 2% of articles within hybrids

How many?

**About 8-10% of articles/year
are published
in fully and hybrid
OA journals**



The 14 “large” publishers >1000 articles or >50 journals

Publisher name	Journals	Articles/year	Publisher type
BioMed Central	176	8,993	publishing house commercial
International Union of Crystallography	1	5,165	other non-profit
Public Library of Science	7	4,368	publishing house non-profit
Asian Network for Scientific Information	13	2,514	publishing house commercial
Hindawi Publishing Corporation	85	2,044	publishing house commercial
Copernicus Publications	18	2,012	publishing house non-profit
Optical Society of America	1	1,961	learned society non-profit
World Academy of Science, Engineering and Technology	18	1,960	other N/A
Bentham Open	154	1,663	publishing house commercial
Medknow Publications	59	1,574	publishing house commercial
Indian Academy of Sciences	10	1,152	learned society non-profit
Oxford University Press	2	1,032	other non-profit
Academic Journals	10	1,001	publishing house N/A
Internet Scientific Publications	62	657	publishing house commercial

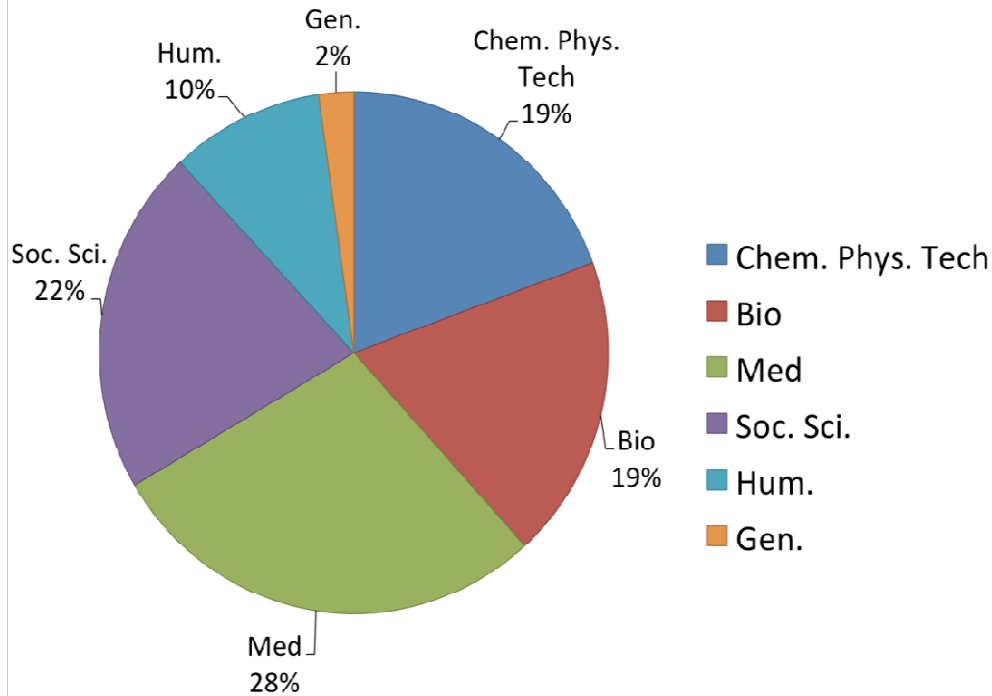
40K articles/year
in 616 journals
= 30% of the total

Which areas?

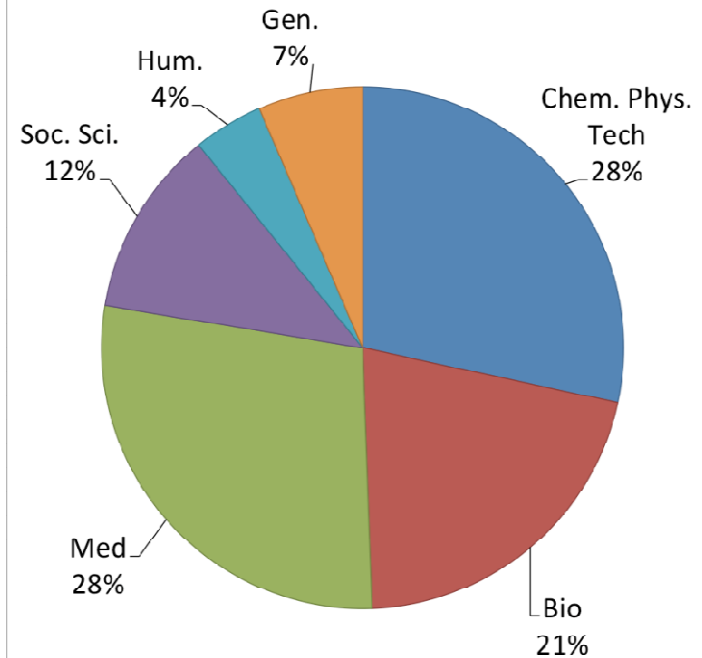
Subject category	Publishers		Journals		Articles/year	
cpt – Chemistry, Physics and Technology (includes Mathematics and Astronomy)	360	20%	549	19%	33,158	28%
bio – Biology and Life Sciences	355	20%	533	19%	24,767	21%
med – Medicine and Health Sciences	406	22%	806	28%	32,879	28%
soc – Social Sciences	533	29%	611	22%	13,506	12%
hum – Humanities	258	14%	276	10%	5,030	4 %
gen – General works	63	3%	63	2%	7,543	6%
Total	1,809		2,838		116,883	

Which areas?

**Open Access journals by subject area
(n=2838)**



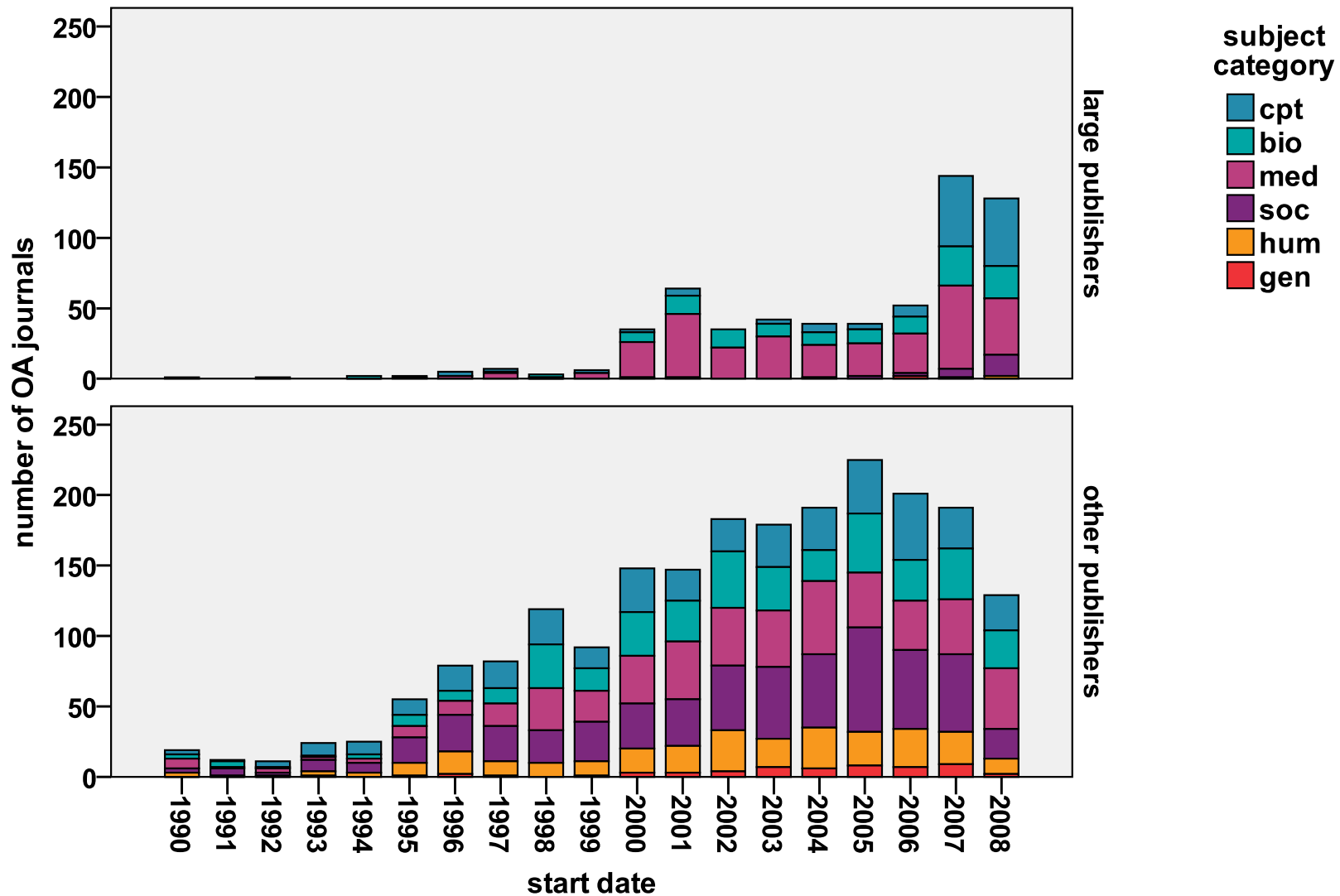
**Open Access articles by subject area
(n=116883)**



2/3 of journals in STM - 1/3 in SSH
 “large publishers” almost exclusively STM

3/4 of articles in STM - 1/4 in SSH

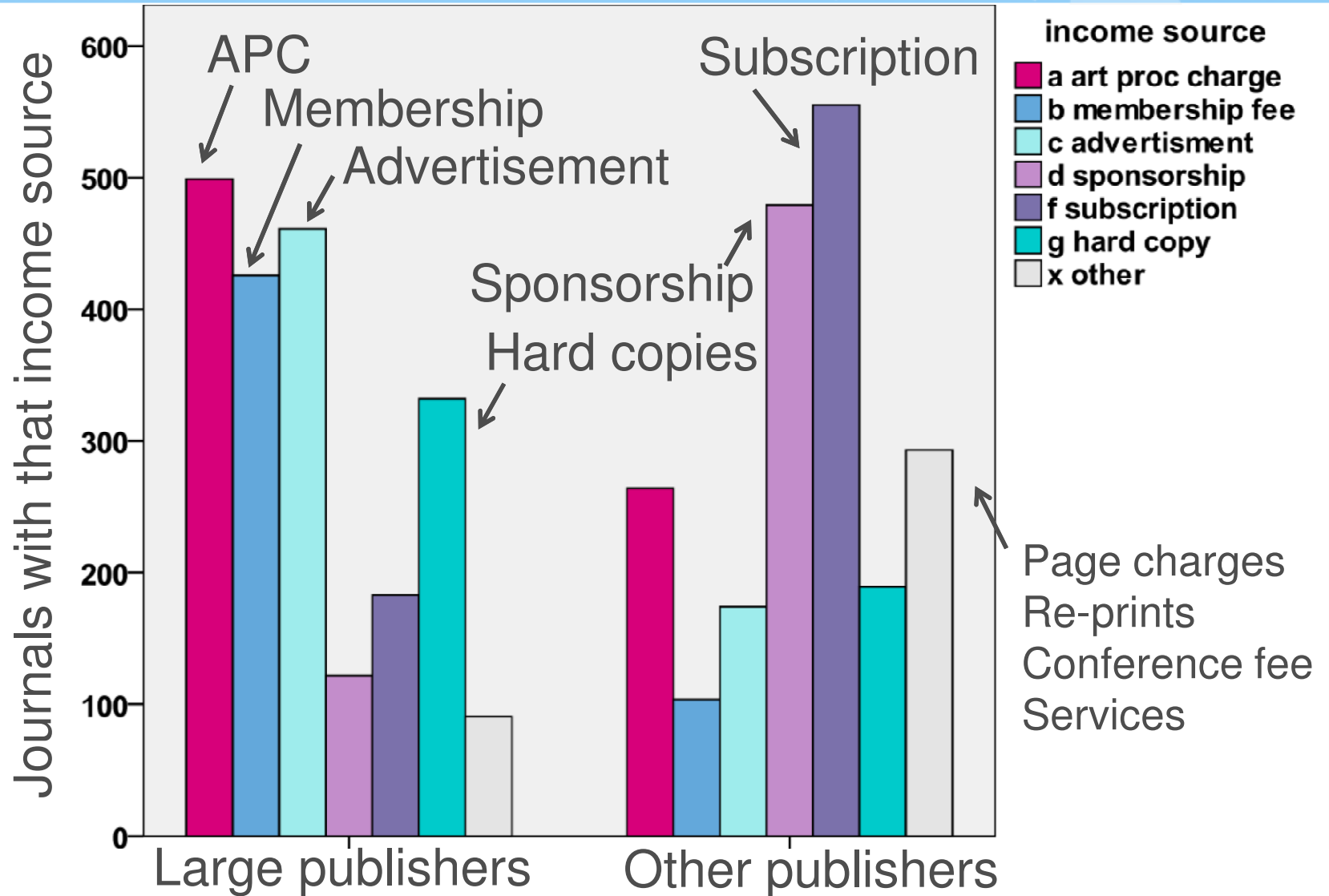
Dynamics in the field: Starting new OA journals



- 1/2 of “Large” publishers use Creative Commons
 - 82% cc-by (attribution)
 - 18% cc-by-nc (attribution non-commercial)
 - 72% of journals, 71% of articles
- “Other” publishers
 - 73% have license information on their web pages
 - 21% use some CC version
 - 10% state “authors retains copyright”

Presence of income sources

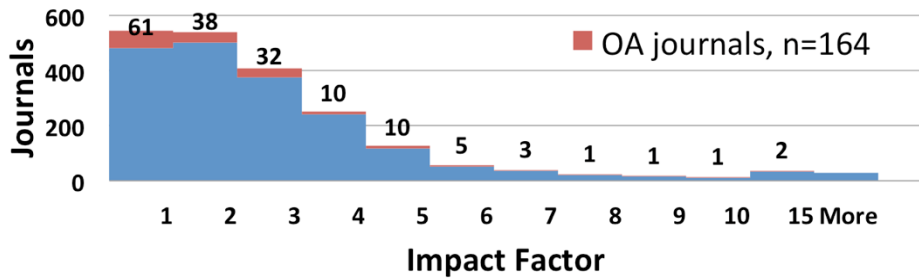
NB – No information on income amount



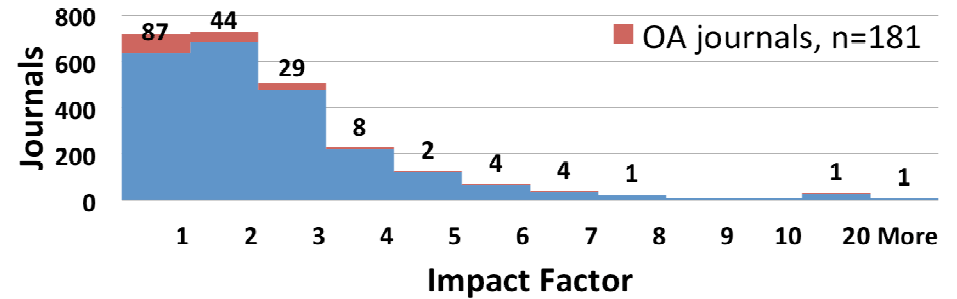
- Of our 2,838 OA journals, 313 (11%) are referenced in ISI-JCR (2008), while 1,176 (41%) can be found in Scopus (2009)
- No difference between the large and other publishers in being listed in ISI-JCR
- But distinct relationship between impact factor and subject domain; only 19 SSH journals with less than 500 articles per year appear in ISI-JCR

Distribution of IF across journals in selected subject areas

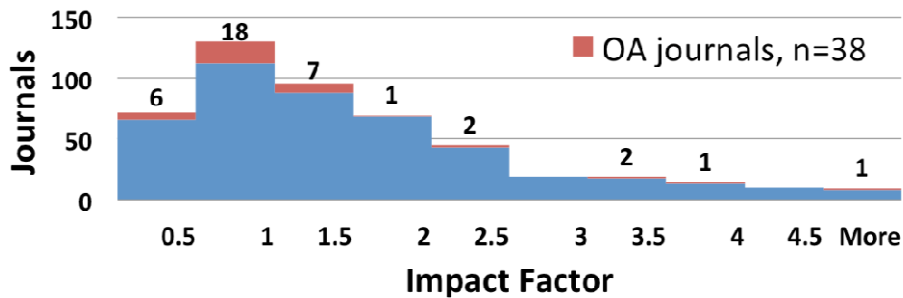
Biological Sciences
n=2080



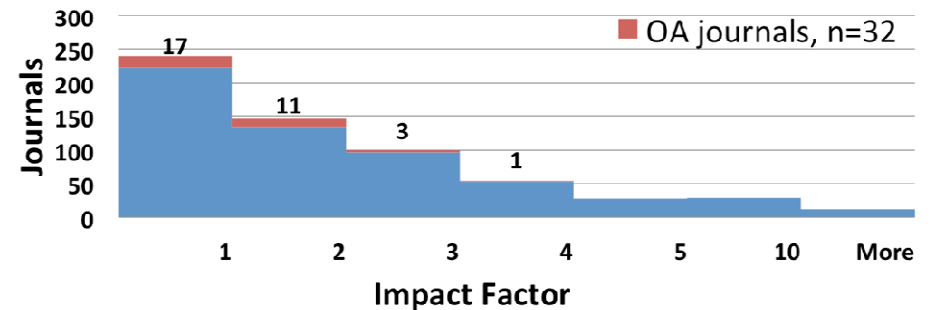
Medicine and Dentistry and related subjects
n=2499



Earth Sciences
n=482



Chemistry
n=609



- OA publishing is a mature field with similar patterns and quality indicators as non-OA publishing
- Stronger presence of OA publishing in STM fields
- Large publishers are more likely to rely on APC
- Both large and smaller publishers are equally likely to have journals with an impact factor
- Large publishers mostly use a version of Creative Commons licensing while several smaller publishers request the transfer of copyright to the publisher



Thank you!

Project team: info@project-soap.eu

Presenter: schimmer@mpdl.mpg.de

Project co-ordinator: Salvatore.Mele@cern.ch

Website: <http://soap-fp7.eu>

project-soap.eu