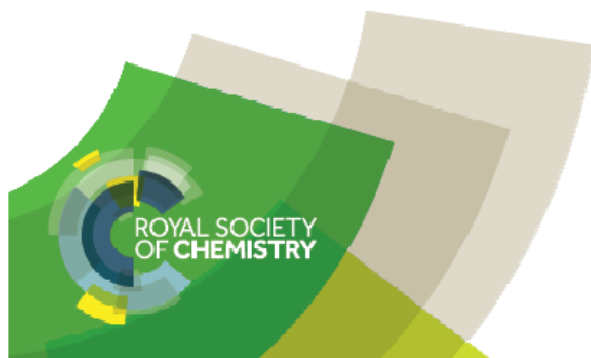


Open Access Publishing in Chemistry: A perspective from the Royal Society of Chemistry

Emma Wilson, Director of Publishing
April 2016 Amsterdam



175 YEARS
1750-2016



The Royal Society of Chemistry

Advancing excellence in the chemical sciences

Shaping the future of the chemical sciences for the benefit of science and humanity

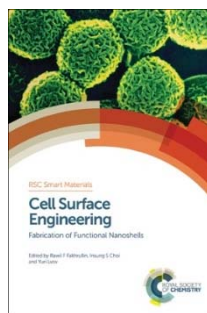
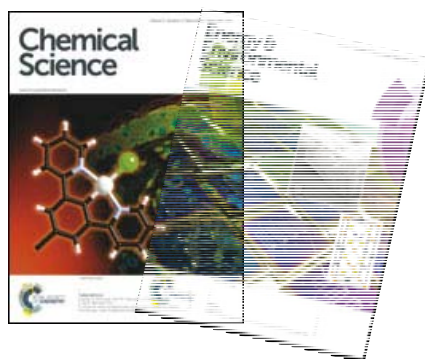
Bringing chemical scientists together promoting and sharing knowledge and ideas

175
YEARS
rsc.U/175



The Royal Society of Chemistry

The dissemination of chemical knowledge



THE
MERCK INDEX *Online*

ChemSpider
Search and share chemistry

175
YEARS
1869-2014



Open Access Publishing

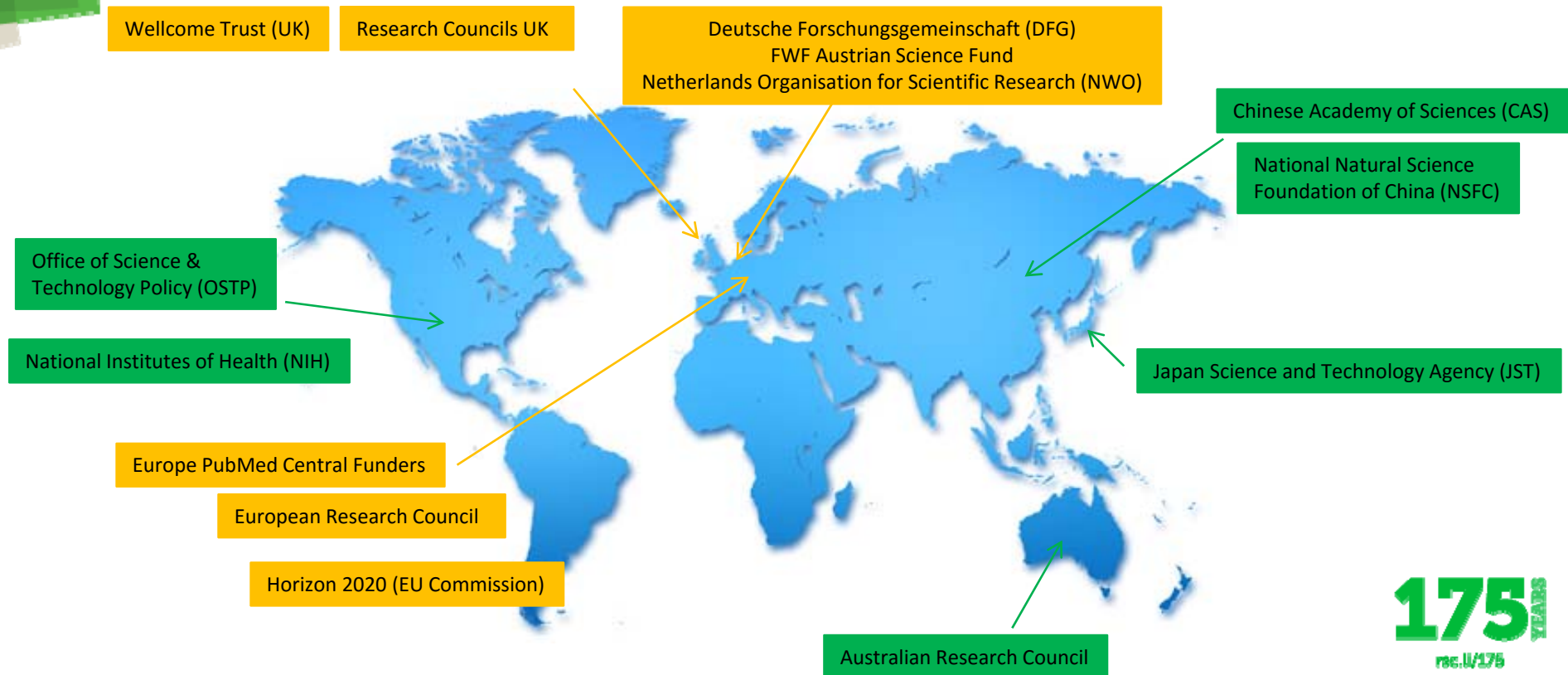
The free and permanent unrestricted
online access to and reuse of scholarly
research



175
YEARS
1830-2025

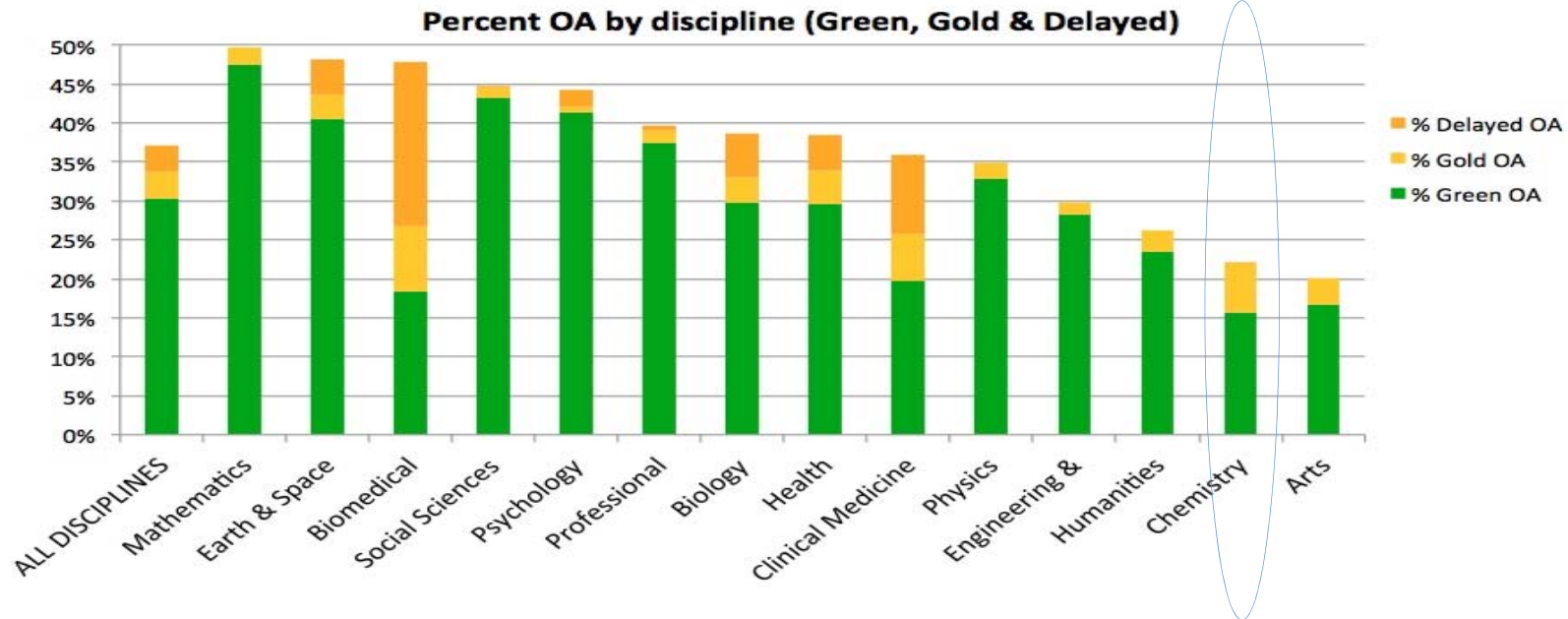


Funding agencies shape the OA landscape





Importance for Chemistry

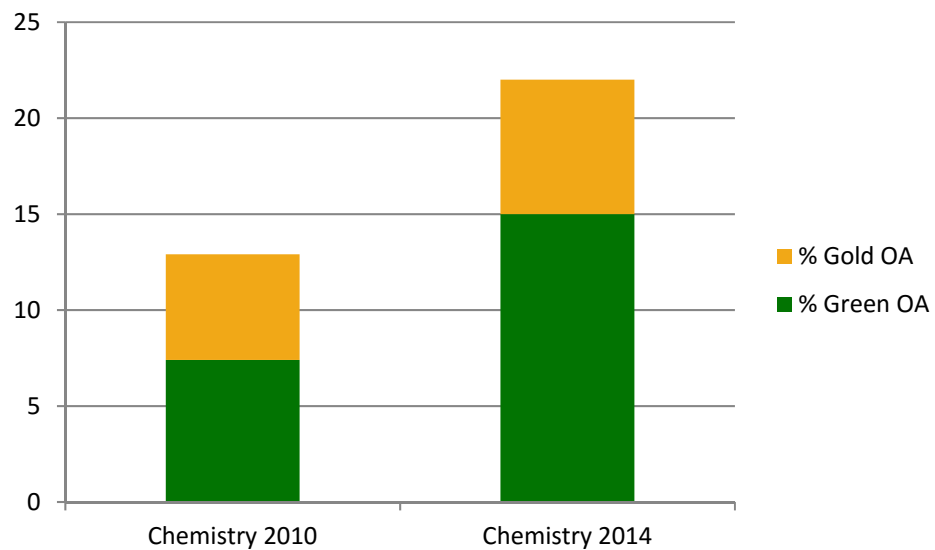


Alma Swan, SPARC Europe, COASP, 17-19 September 2014





Importance for Chemistry



2014 data adapted from Alma Swan, SPARC Europe, COASP, 17- 19 September 2014

2010 data adapted from Guðni Guðnason, 2010, 10.1371/journal.pone.0011273

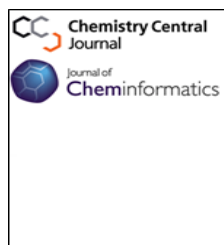


Gold OA chemistry journal landscape



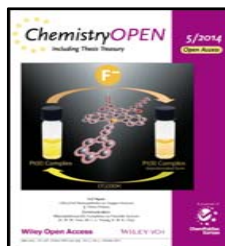
Beilstein

Since 2005
No APCs
BJOC: IF 2.762
BJNano: IF 2.670



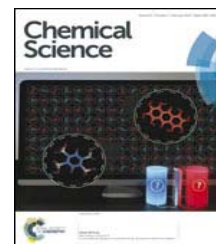
Springer

OA portfolio since 2008
J Cheminf IF 4.547
Chem Central J IF 2.187



Wiley

Launched 2012
First IF 2.107



RSC

Launched 2010
Converted to OA 2015
Waiver APC
IF 9.211



ACS:

Launched 2015
EiC Carolyn Bertozzi,
UC Berkeley



ACS:

Launched 2016
Mega OA journal

And hybrid journals...the majority of chemistry journals have a Gold publication option

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YEARS
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Our Position

- Advance the chemical sciences, through the effective dissemination of high quality research content
- Provide a variety of publishing models and options to ensure scholarly publishing activities operate in a long-term sustainable way
- Provide a trusted voice for the chemical sciences community



Our roles in OA

Leader

Influencing

Partners, society publishers & policy makers

Educator

Informing

Staff, referees, editors & board members

Facilitator

Serving

Authors, librarians, members, funders & readers

175
YEARS
1837-2012



Understanding stakeholder needs

Where would you go for information about OA options and requirements in the first instance?

63.97% Publisher/Journals
16.28% Colleagues/Research community
16.01% Librarian/Information manager
3.75% Funding bodies

What is your main reason for publishing open access ?

26.86% Complying with a Funding Body mandate
73.14% Personal choice



175
YEARS
1837-2012



Our OA policies

- We provide Gold OA options in **all our journals**
 - APCs: £1,000 (Communication, Technical Note); £1,600 (Full Paper); £2,500 (Review Article)
 - Member discounts available for APCs
 - **Gold for Gold** scheme can cover APCs for Gold subscribers
 - Choice of CC BY and CC BY NC license
- We now have 1 gold OA journal ***Chemical Science***
 - APCs waived
- Deposition of authors' final accepted version in an institutional repository is permissible with full text of article available 12 months after publication
- Article metadata can be deposited in a non-commercial repository at any time after publication

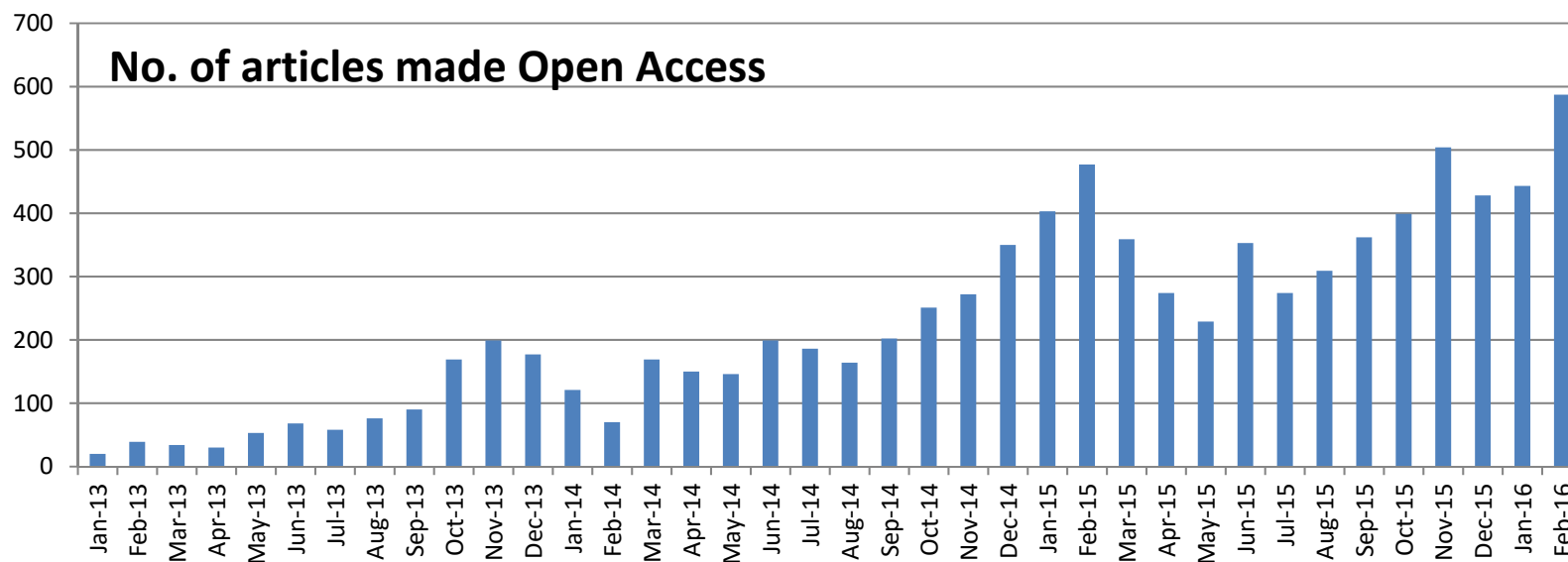


Gold for Gold

- RSC Gold subscribing institutions are provided voucher codes for authors to publish Gold OA free of charge
- Number of voucher codes received is calculated from an institution's Gold subscription divided by our standard APC
- Additional Gold for Gold vouchers can be purchased at discounted bulk rates
- Pilot programme to assess the market and support the community



Growth in Gold OA at the RSC

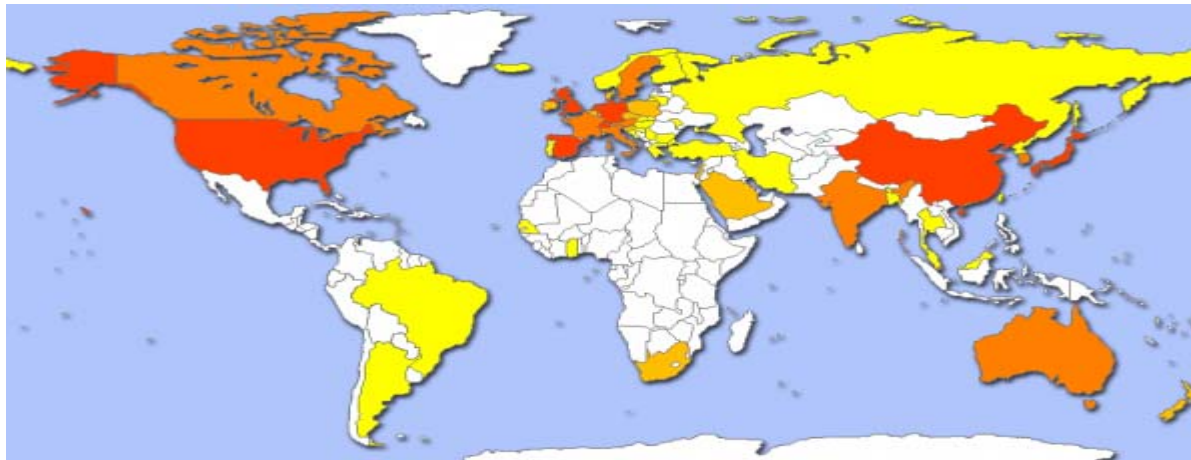







About 10% of our content is published Gold OA
Vast majority is via the G4G scheme, under 1% is via “paid” APCs





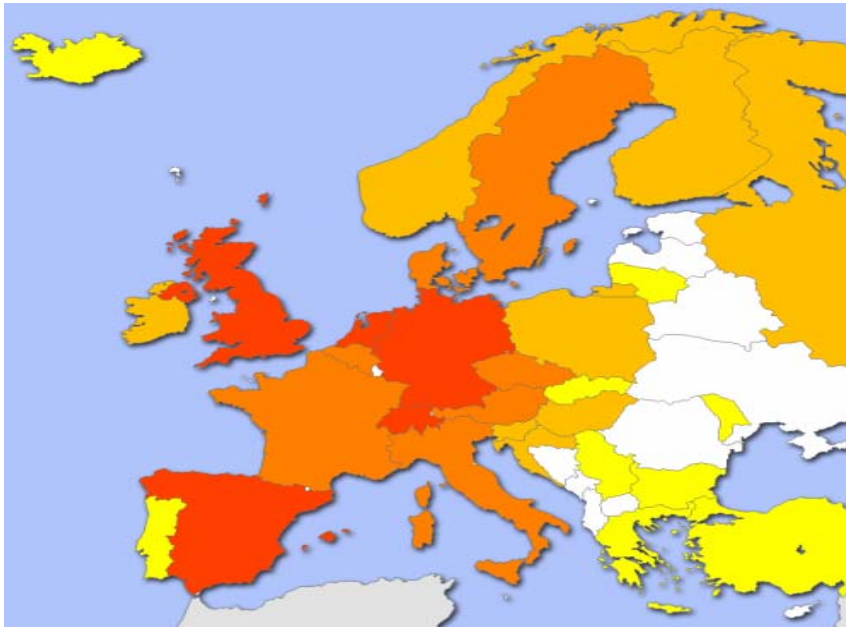
Where's it happening?



Colour	OA Articles	Number of Regions
	0	190
	1 - 10	26
	11 - 36	11
	37 - 92	9
	93 - 703	8



Where's it happening in Europe?



Colour



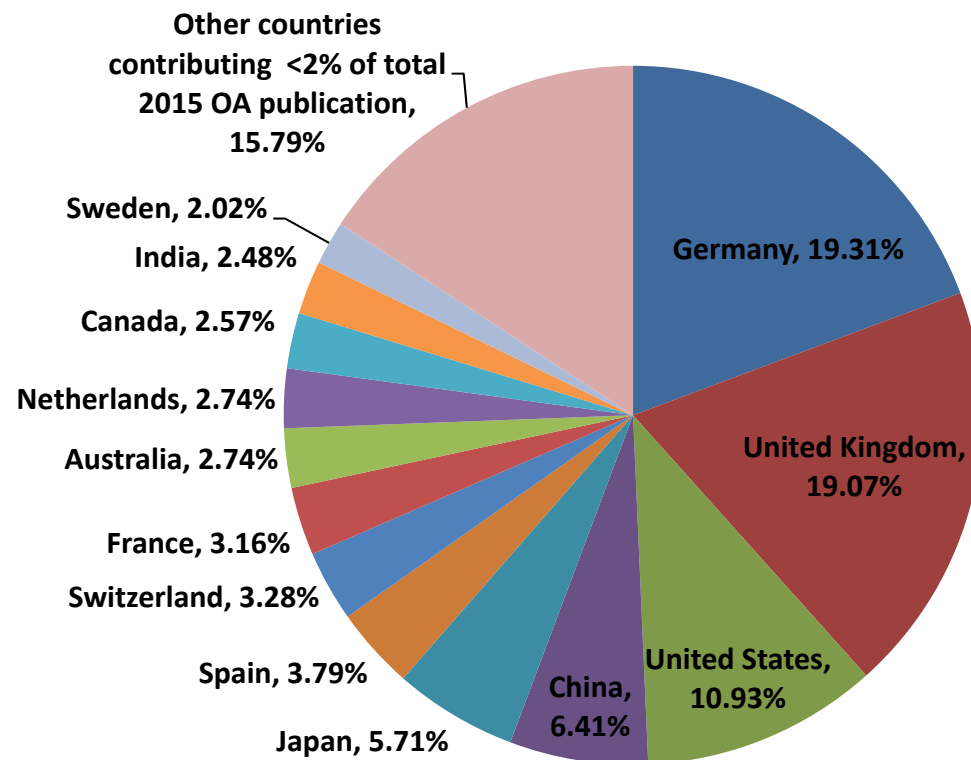
OA Articles

0
1 - 5
6 - 13
14 - 80
81 - 703

175
YEARS
res. 1/175



Distribution of Gold OA articles published in RSC journals





Top ten countries publishing Gold OA articles RSC journals in 2015




Country	Number of OA Articles	% of all Articles
Germany	800	51.18
United Kingdom	794	46.00
United States	459	12.03
China	275	2.76
Japan	239	16.80
Spain	157	18.89
Switzerland	135	40.91
France	132	13.72
Netherlands	117	42.55
Australia	113	17.10



Changing customer requirements





Off setting deals

- OA publishing costs offset against subscriptions costs
- Individual agreements between publishers and institutions

	JISC 	VSNU 	FWF 
Offsetting	yes	yes	yes
Transition to fully OA	Yes – no date	2024	2024
Support hybrid	yes	yes	yes
Extra funding available	yes	no	yes



Changing customer requirements

	UK 	Netherlands 	Germany 	Austria 
Wiley	✓	✓		
Elsevier		✓		
Springer	✓	✓	✓*	
Taylor & Francis	✓			✓
SAGE Publishing	✓			✓
IoP	✓			✓

Off setting deals

* Germany not a national/consortia deal but with MPI





Predicting the future ?





JISC principles for off setting

1.

Support for transition to fully Gold OA.

2.

Publishers don't charge twice.

3.

Relief for **all** subscriber (not only big deals) ...

4.

... at the level of each subscribing institution, and at a global level.

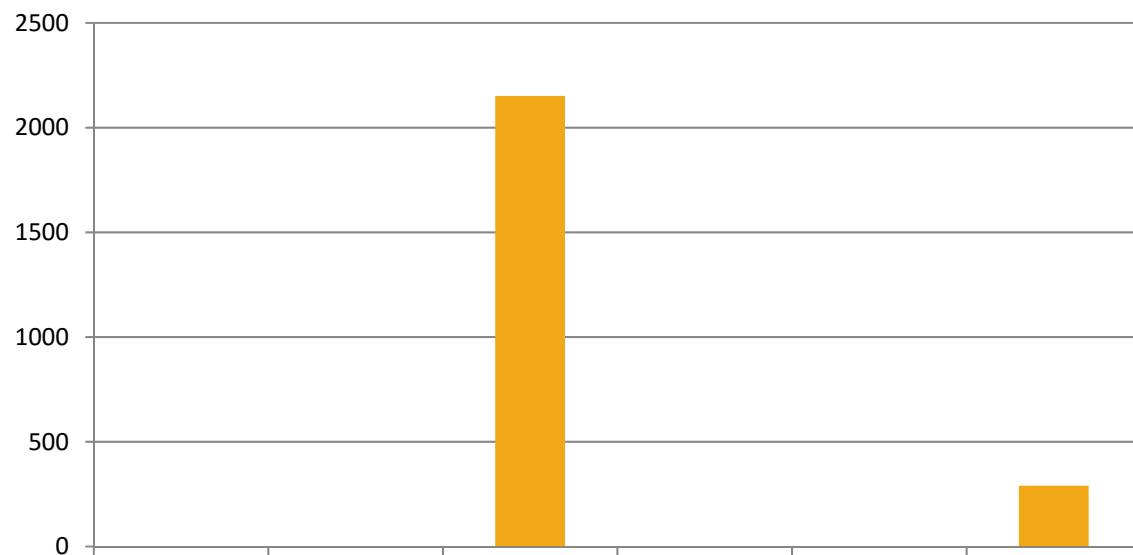
5.

Systems should operate on a „cash“ basis.

Jisc 2015, [Guidelines](#)



Importance for Chemistry



Adapted from Alma Swan, SPARC Europe, COASP, 17- 19 September 2014



175 YEARS
1862-2025