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Building Blocks and Benchmarks: The ESAC Initiative

SANLiC Conference 2019

Cape Town, South Africa | 25 June 2019

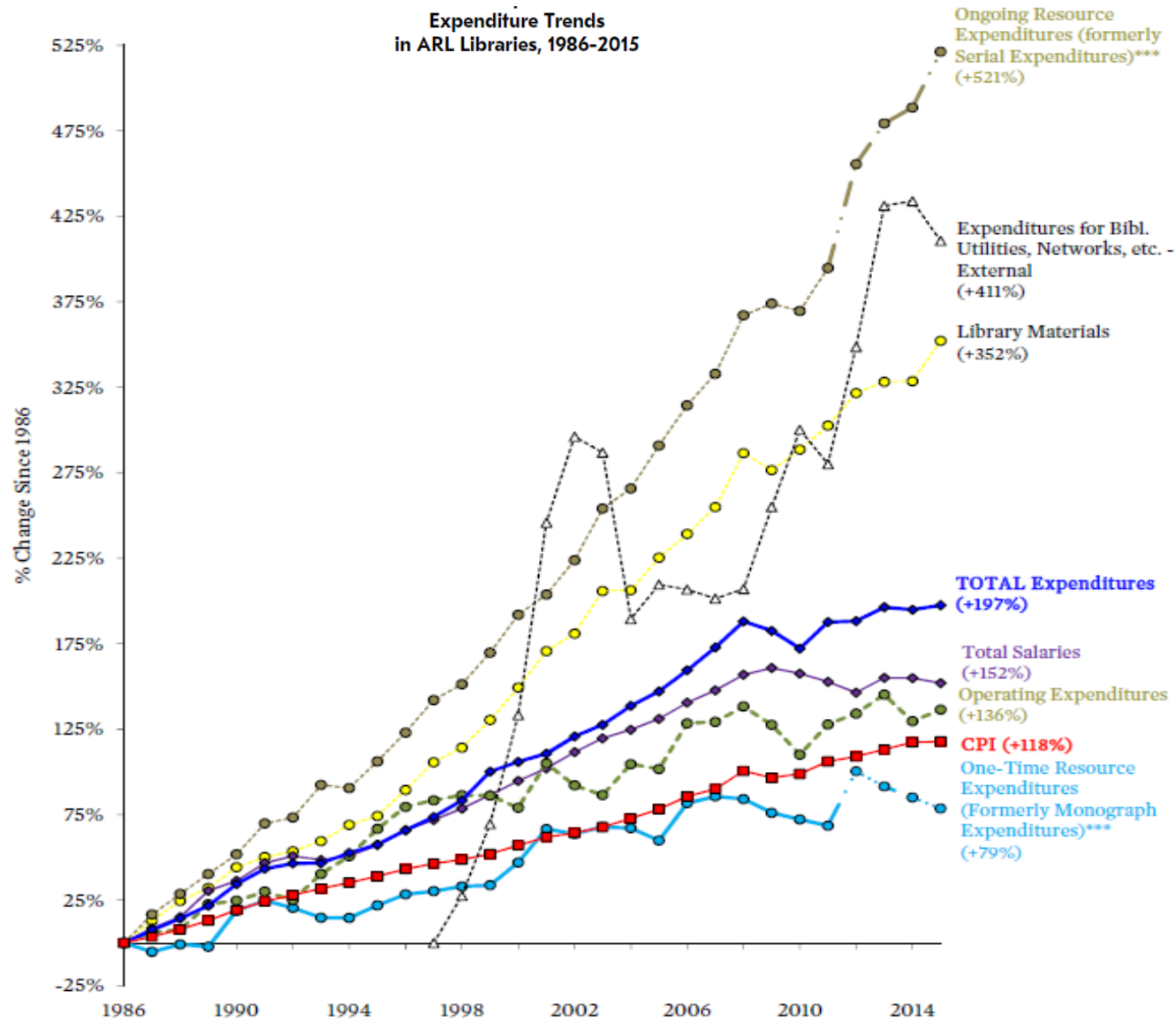
Colleen Campbell

Open Access 2020 Initiative | Max Planck Digital Library



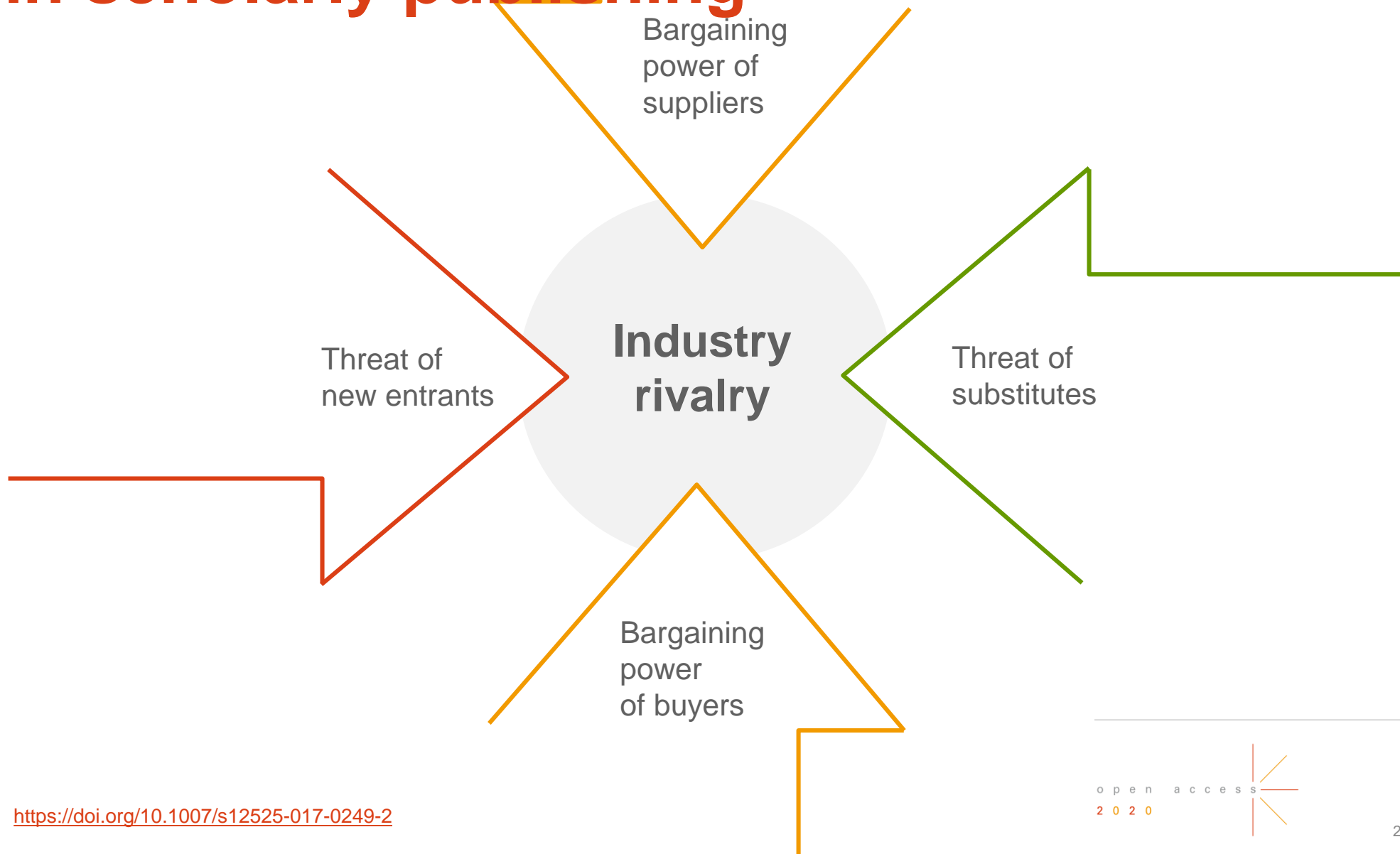
@oa2020ini

Untenable cost of subscriptions

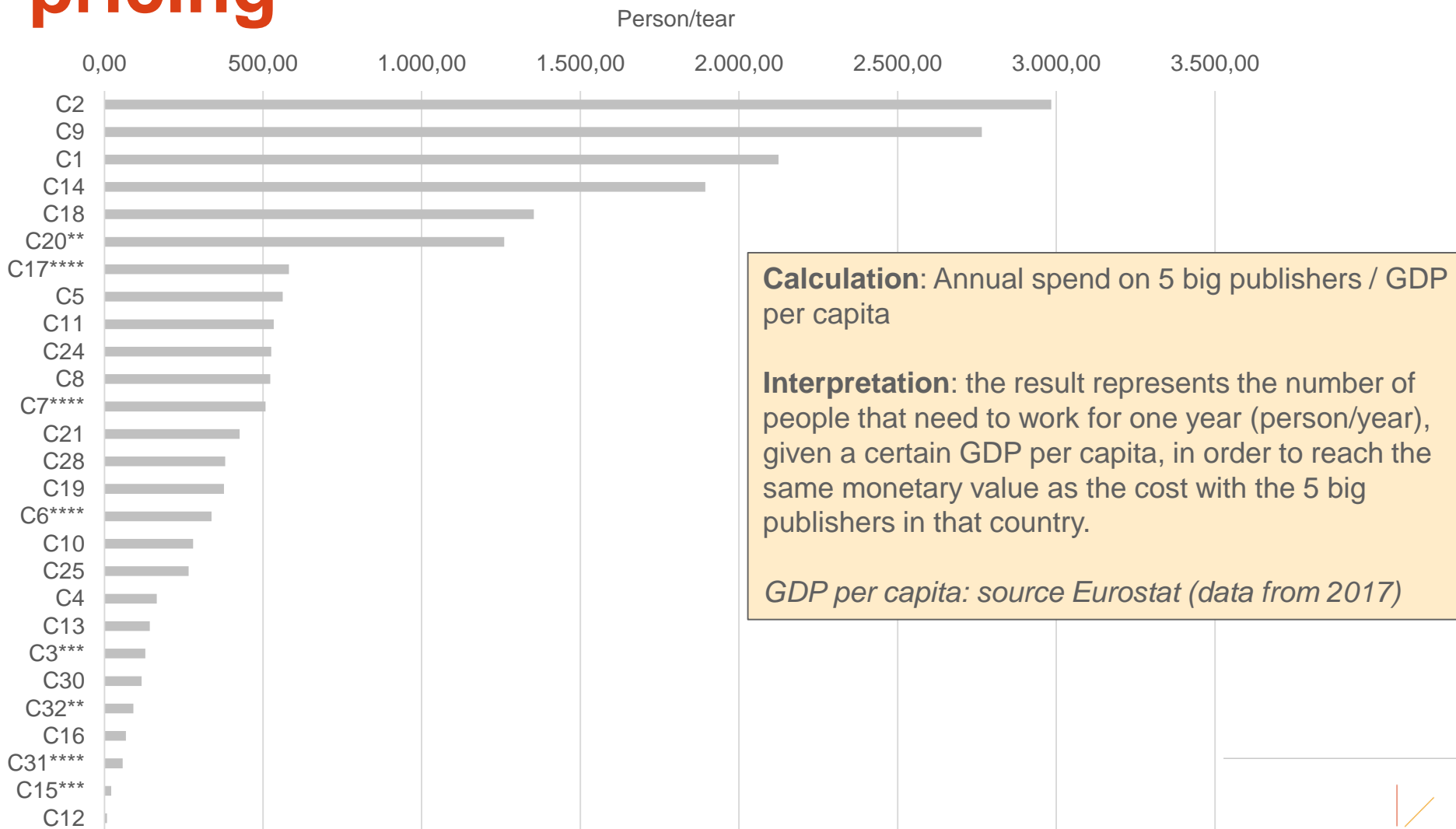


ARL Statistics 2014-15

Lack of transparency and market pressure in scholarly publishing



Lack of transparency in subscription pricing



Growing revenue stream in OA publishing

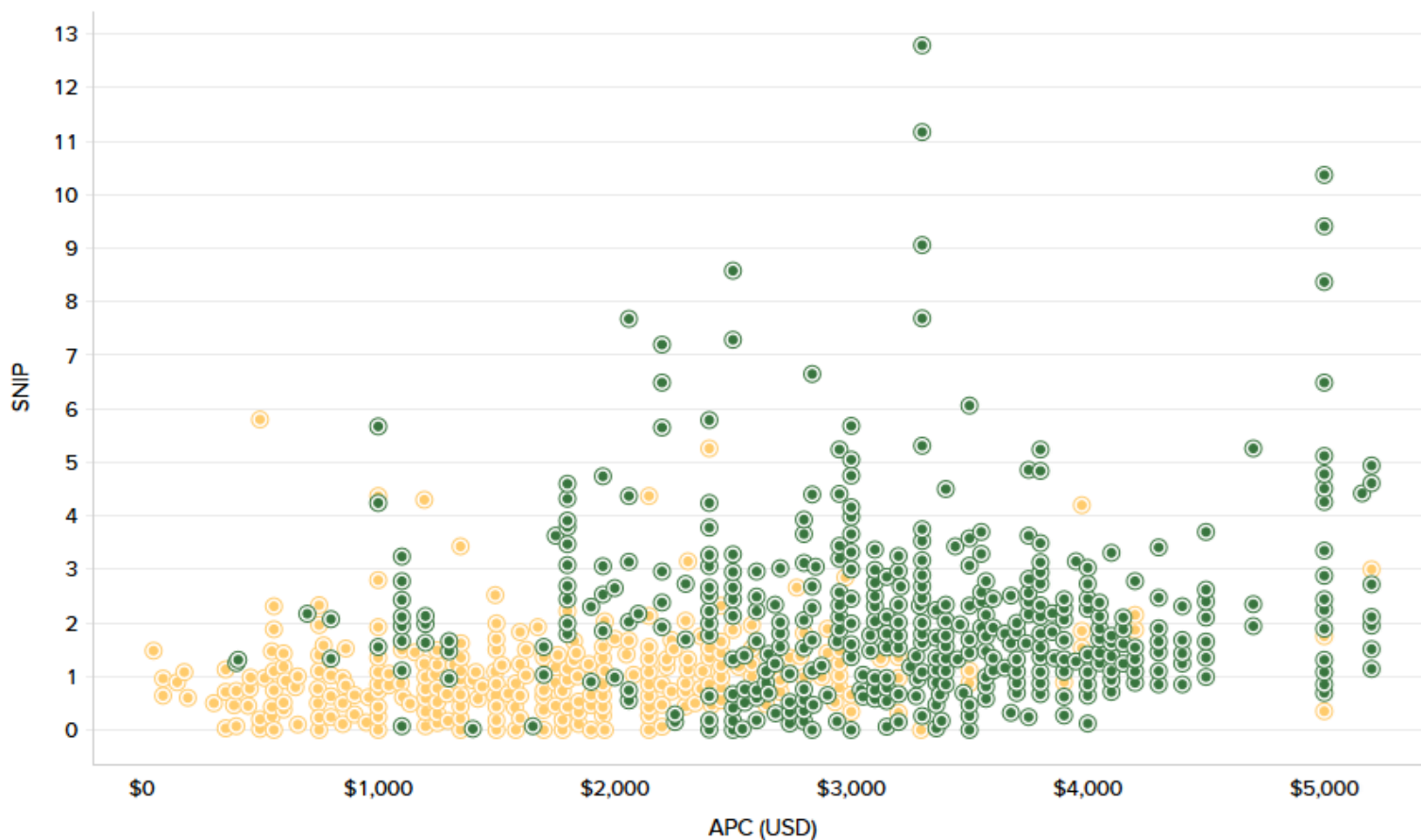
Publisher	Journal	#Papers 2016
PLOS	PLOS ONE	22091
NPG	Scientific Reports	20546
RSC	RSC Advances (OA as of 2017)	13274
Impact	OncoTarget	6625
APS	Physical Review B: Condensed Matter and Materials Physics	5345
ACS	ACS Applied Materials and Interfaces	4057
NPG	Nature Communications	3537
RSC	Physical Chemistry, Chemical Physics	3503
APS	Physical Review D: Particles, Fields, Gravitation, and Cosmology	3390
Elsevier	Medicine	3275
Elsevier	Journal of Alloys and Compounds	3243
ACS	The Journal of Physical Chemistry C: Nanomaterials and Interfaces	3241
OUP	Monthly Notices of the Royal Astronomical Society	3208
NAS	Proceedings of the National Academy of Sciences of the USA	3183
AIP	Applied Physics Letters	3047
e-Century	International Journal of Clinical and Experimental Medicine	3005
RSC	Chemical Communications	2967
OSA	Optics Express	2903
AAS	The Astrophysical Journal	2812
Desalination	Desalination and Water Treatment	2762

20 largest journals, based on number of papers published in 2016. OA highlighted in grey.
MPDL analysis based on data from **Web of Science**.

Risks of uncontrolled APCs

APC vs. SNIP for Publishers by Fully OA/Hybrid:

All publishers (2017-2018)



- Fully OA / Hybrid
- Fully OA
- Hybrid

Average list APC

Fully OA: \$1600

Hybrid: \$2900

Average payment tracked by

OpenAPC:

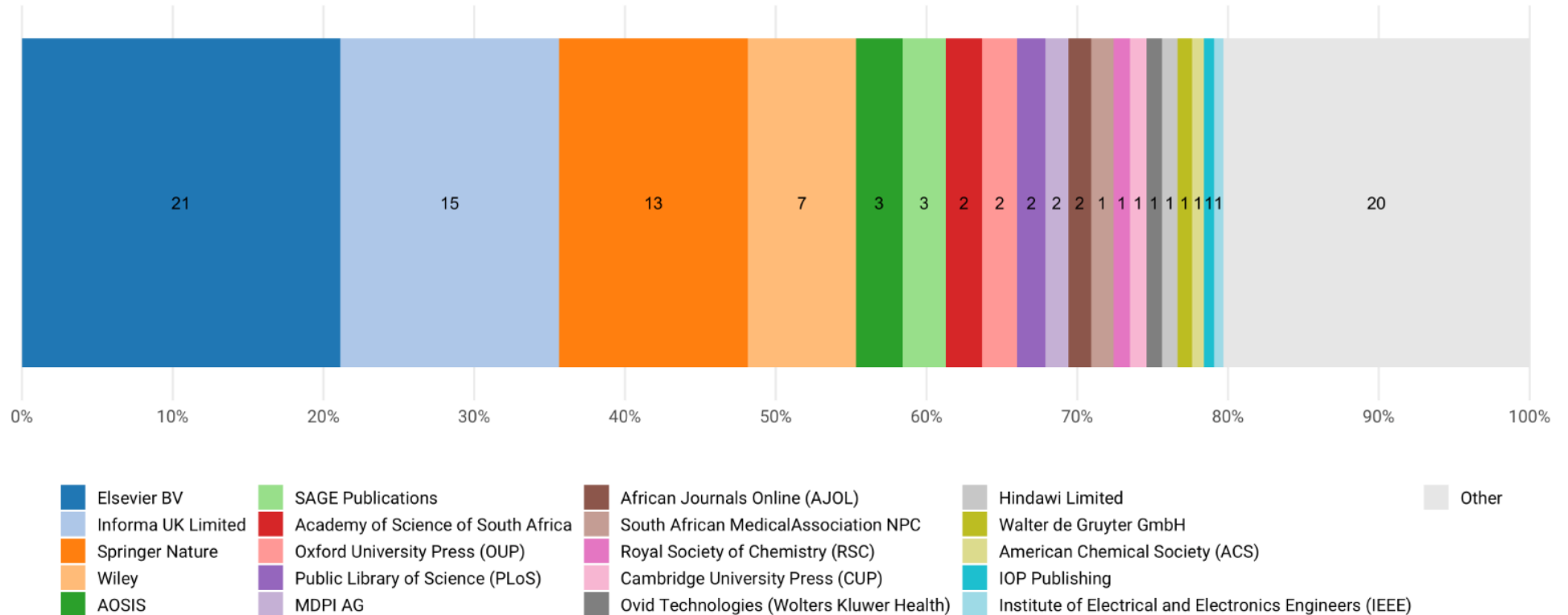
Fully OA: €1488

Hybrid €2445

Scholarly Journal Publishing in SA

South Africa Publisher Market Shares 2014 - 2017

Original Articles and Reviews from Corresponding Authors affiliated with South African Institutions indexed in the Web of Science

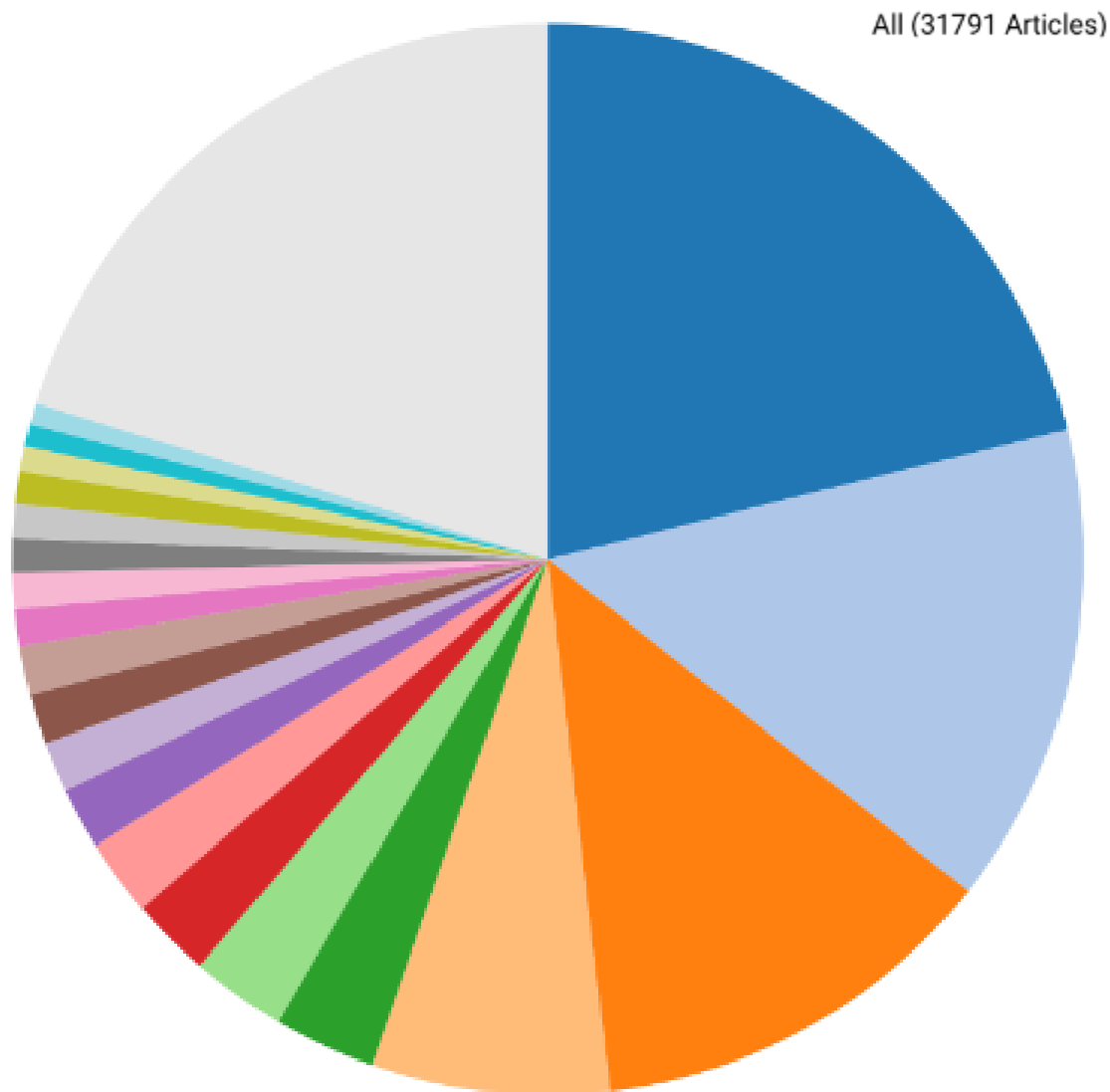


Data Sources: Web of Science in-house database from the Competence Centre for Bibliometrics for German Science.

Funding: Federal Ministry of Education and Research of Germany (BMBF), Project OAUNI (01PU17023A)

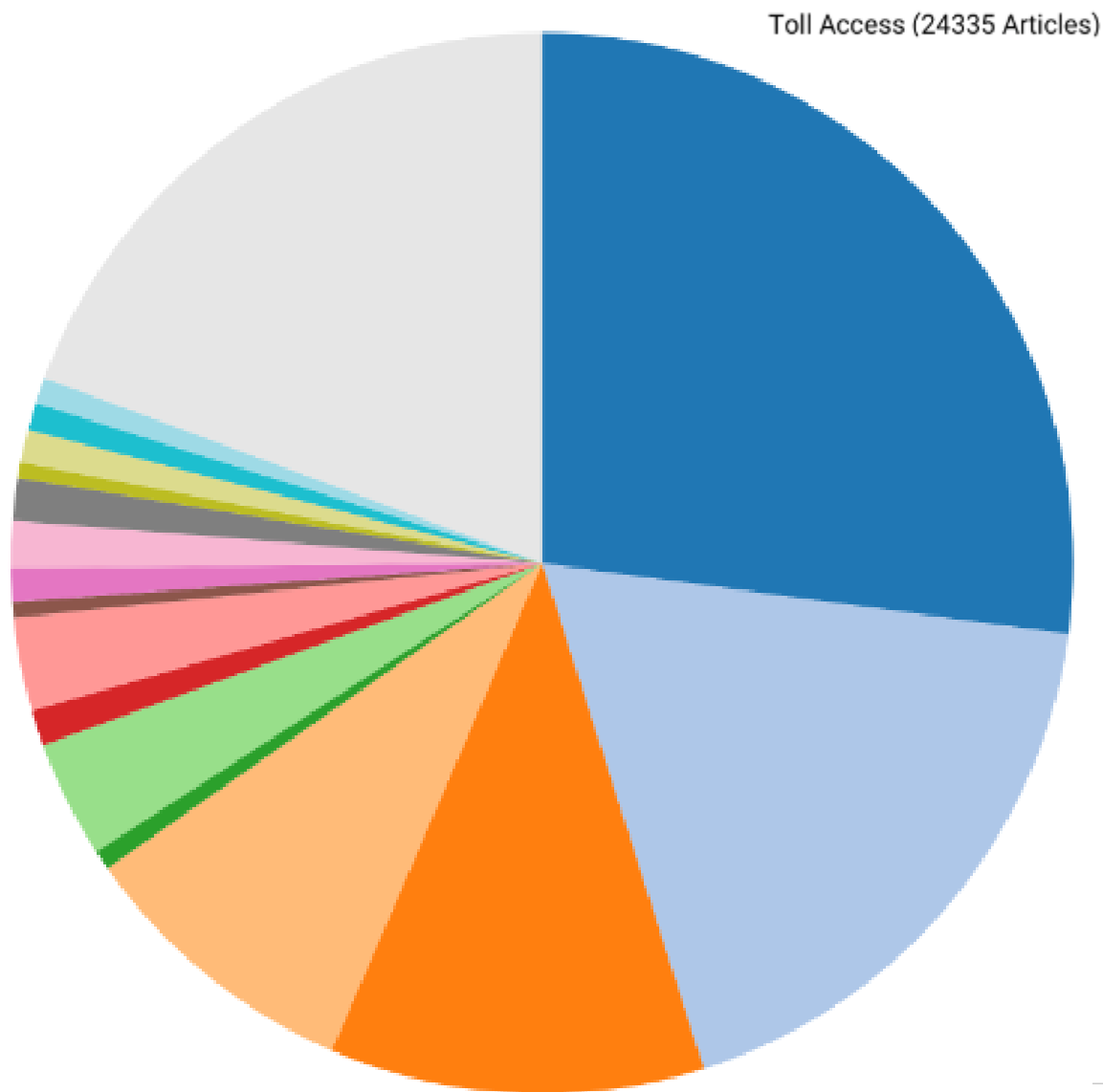
All articles

- Elsevier BV
- Informa UK Limited
- Springer Nature
- Wiley
- AOSIS
- SAGE Publications
- Academy of Science of South Africa
- Oxford University Press (OUP)
- Public Library of Science (PLoS)
- MDPI AG
- African Journals Online (AJOL)
- South African Medical Association NPC
- Royal Society of Chemistry (RSC)
- Cambridge University Press (CUP)
- Ovid Technologies (Wolters Kluwer Health)
- Hindawi Limited
- Walter de Gruyter GmbH
- American Chemical Society (ACS)
- IOP Publishing
- Institute of Electrical and Electronics Engineers (IEEE)



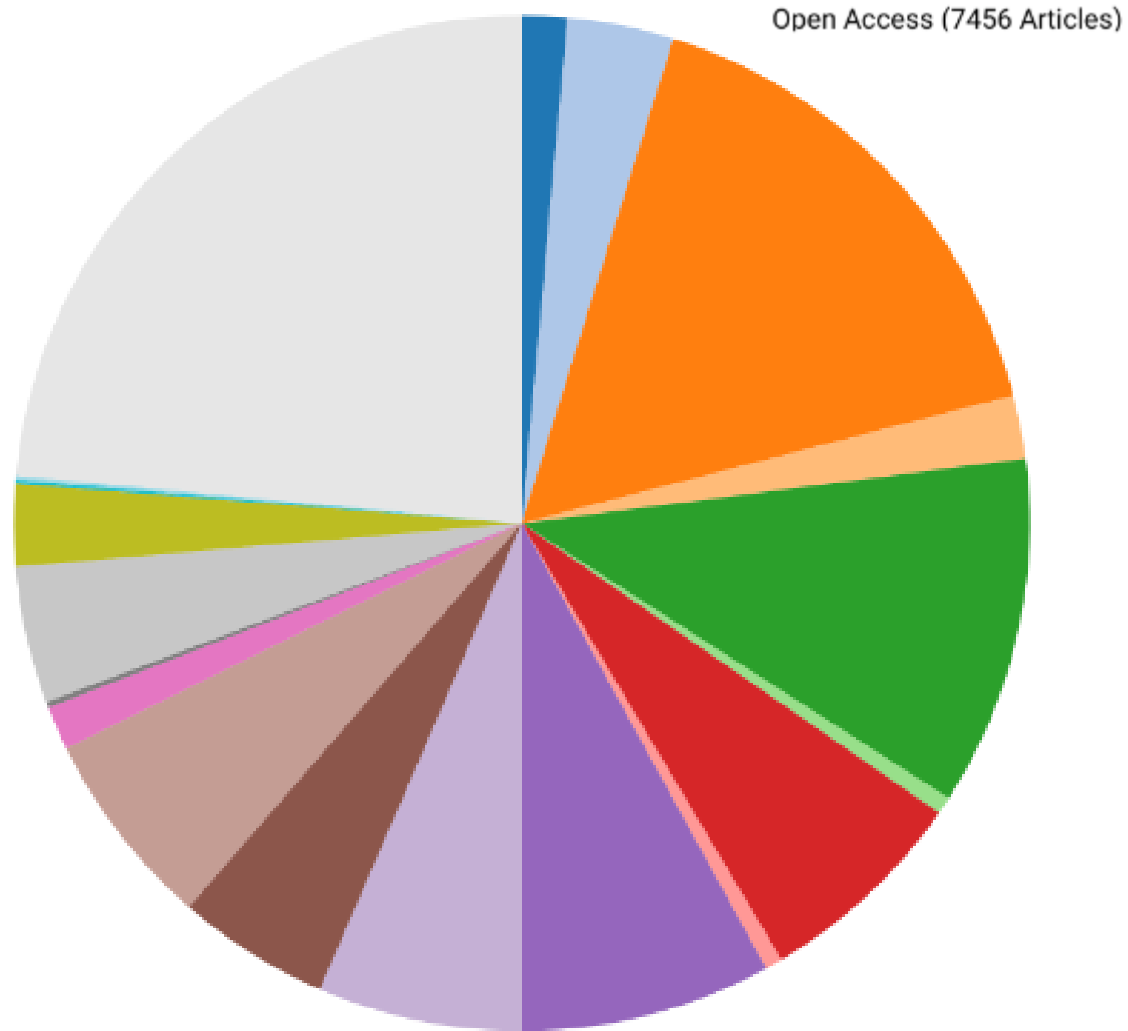
Closed articles

- Elsevier BV
- Informa UK Limited
- Springer Nature
- Wiley
- AOSIS
- SAGE Publications
- Academy of Science of South Africa
- Oxford University Press (OUP)
- Public Library of Science (PLoS)
- MDPI AG
- African Journals Online (AJOL)
- South African Medical Association NPC
- Royal Society of Chemistry (RSC)
- Cambridge University Press (CUP)
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- Hindawi Limited
- Walter de Gruyter GmbH
- American Chemical Society (ACS)
- IOP Publishing
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ES@C Market Watch

Springer Nature

Open access gold and hybrid shares by the number of articles

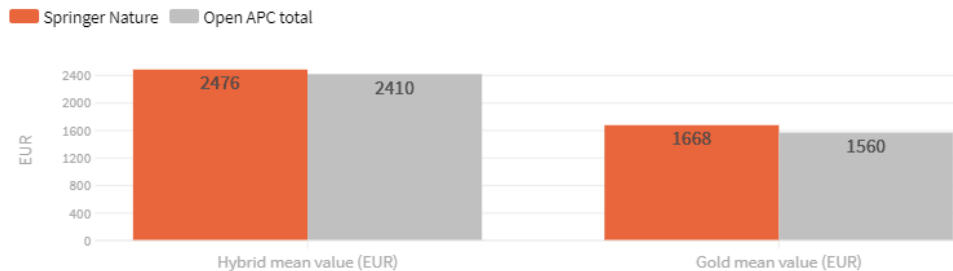


Characteristics of the transformative agreements negotiated

Springer Compact	
Publishing Fee = number of eligible articles x APC	The publishing fee is calculated by multiplying the number of expected articles in one year with an article charge.
Reading Fee	The reading fee in current agreements varies between 5-15% of the total agreement amount.

APC price points

Mean values of institutional expenses for Springer Nature APCs in 2017 compared to overall mean values in 2017



ES@C Guidelines

- Transformative agreements are temporary and transitional
- Authors retain exclusive rights to their works
- Agreements must be transparent
- Transformative agreements aim to constrain costs of scholarly communication and foster equity in scholarly publishing
- Transformative agreements should govern service and workflow requirements for publishers to ensure that the needs of authors and administrators are addressed

ES@C Community Guidelines

USA: California Call to Action

Cancelled Elsevier

We will prioritize making immediate open access publishing available UC authors as part of our negotiated agreements.

We will prioritize agreements that lower the cost of research access and dissemination, with sustainable, cost-based fees for OA publication.

Payments for OA publication should reduce the cost of subscriptions at UC and elsewhere.

United Kingdom *JISC Collection Requirements*

1: Journal Agreements must be transitional

SOUTHERN EUROPEAN LIBRARIES (SELL)

- *Journal subscription current spending must be used to fund the transition to open access at no cost increase*

Japan (JUSTICE)

*Transformation from subscription model toward OA publishing model - JUSTICE
OA2020 Roadmap*

- *Expansion toward OA publishing model*
- *Flipping the subscription cost & grant*

ES@C Registry

<https://esac-initiative.org/about/transformative-agreements/agreement-registry/>

Agreement Registry

Search:

Publisher	Country	Customer	Size (# annual publications)	Start Date	End Date	Details/ ID
Wiley	Germany	Projekt DEAL/ MPDL Services GmbH	9500	01/01/2019	12/31/2021	wiley2019deal
Elsevier	Netherlands	VSNU-UKB	4500	01/01/2016	06/30/2019	els2016vsnu
Wiley	Netherlands	VSNU-UKB	2400	01/01/2016	12/31/2019	wiley2016vsnu
Springer Nature	Netherlands	VSNU-UKB	2100	01/01/2018	12/31/2020	sc2018vsnu
Elsevier	Norway	Unit	2100	01/01/2019	06/30/2020	els2019unit
Taylor & Francis	Sweden	Bibsam consortium	1700	01/01/2018	12/31/2020	tf2018bibsam
AkadémiaiKiadó	Hungary	EISZ	1500	01/01/2019	12/31/2020	kia2019eisz
Taylor & Francis	Netherlands	VSNU-UKB	950	01/01/2018	12/31/2020	tf2018vsnu



COSTS

How does the costs of the agreement relate to previous subscription-only agreements with the publisher?

Agreement costs within the range of the previous spending level

FINANCIAL SHIFT

Transfomative agreements vary by their transformative mechanisms, meaning the way in which financing is shifted from the suscription side to open access publishing. What are the characteristics of this agreement to this regard?

Subscriptions fully converted to oa publishing fees (access related costs 5% or less)

OVERALL ASSESSMENT AND COMMENTS

This is a good example of a clear and transparent publishing agreement in the framework of the current spending.

ES@C Workflow recommendations

Relevant for open access and transformative agreements

A) Author & article identification & verification

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B) Funding acknowledgement and metadata

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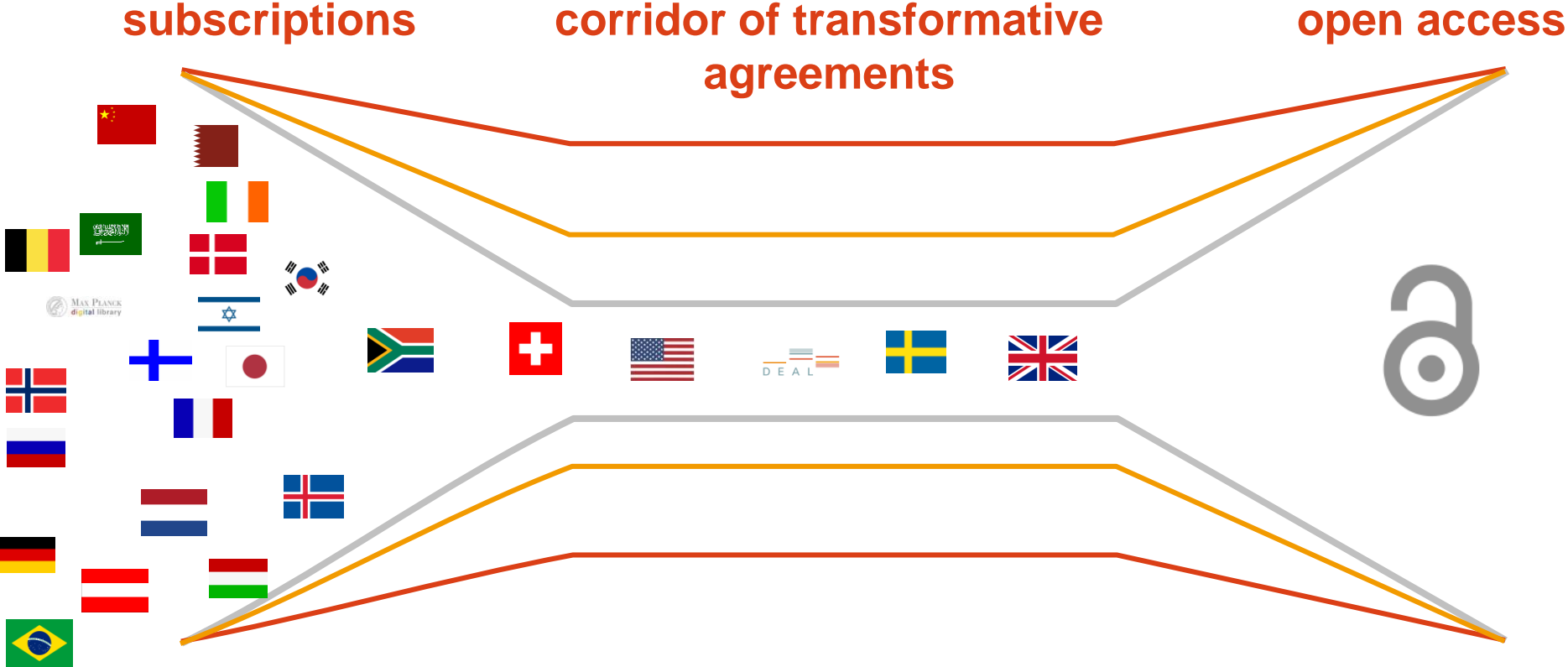
C) Invoicing and reporting

Show More

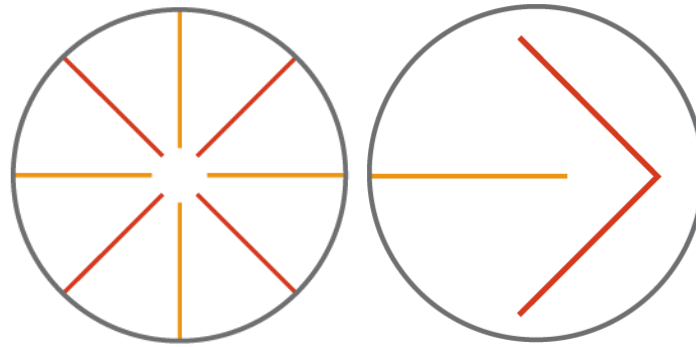
EUA Recommendations

- Institutions must exert market pressure in proportion to their financial investment
- Given the entity of their investments, negotiations with publishers warrant political (rectorate) and operational (library) commitment
- There must be transparency, see the ESAC Registry <https://esac-initiative.org/about/transformative-agreements/agreement-registry/>
- Institutions must improve their ability to monitor the costs of scholarly communication, see Open APC <https://treemaps.intact-project.org/>

The transition is not easy, but experience of first movers paves the way for others



Thank you



Participate
in **OA2020**

Accelerate
the transition

Colleen Campbell
Open Access 2020 Initiative
Max Planck Digital Library

campbell@mpdl.mpg.de
[@ColleenCampbe11](https://twitter.com/ColleenCampbe11)

<https://oa2020.org>