

o p e n a c c e s s
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Accelerating the open access transition: progress of transformative agreements

Building Consistency for Open Science in Europe
UEFISCDI online workshop | 20 April 2021

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Max Planck Digital Library | Open Access 2020 Initiative

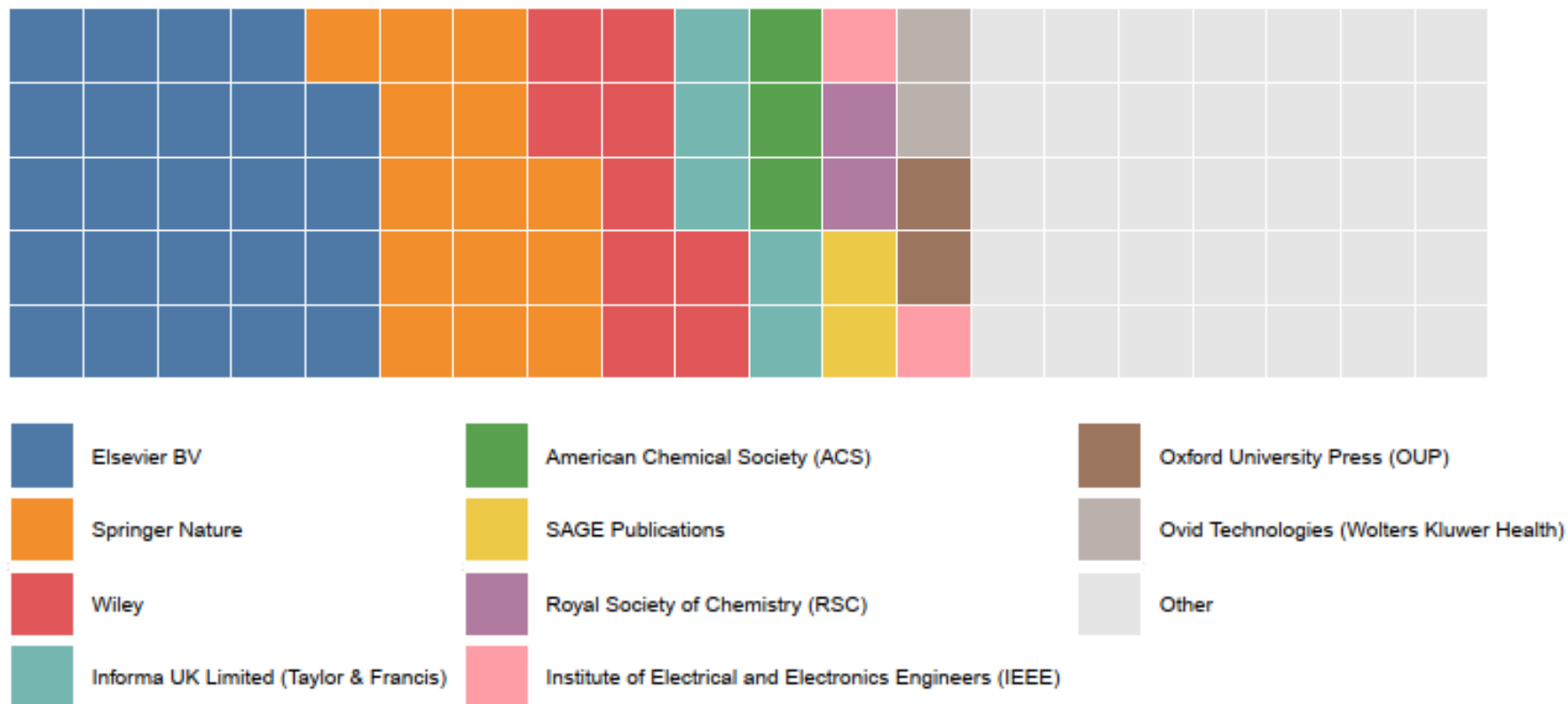


@oa2020ini

Current scenario in scholarly publishing

Global publisher market shares 2014 – 2018

Original articles and reviews indexed in the Web of Science



github.com/subugoe/oa2020cadata

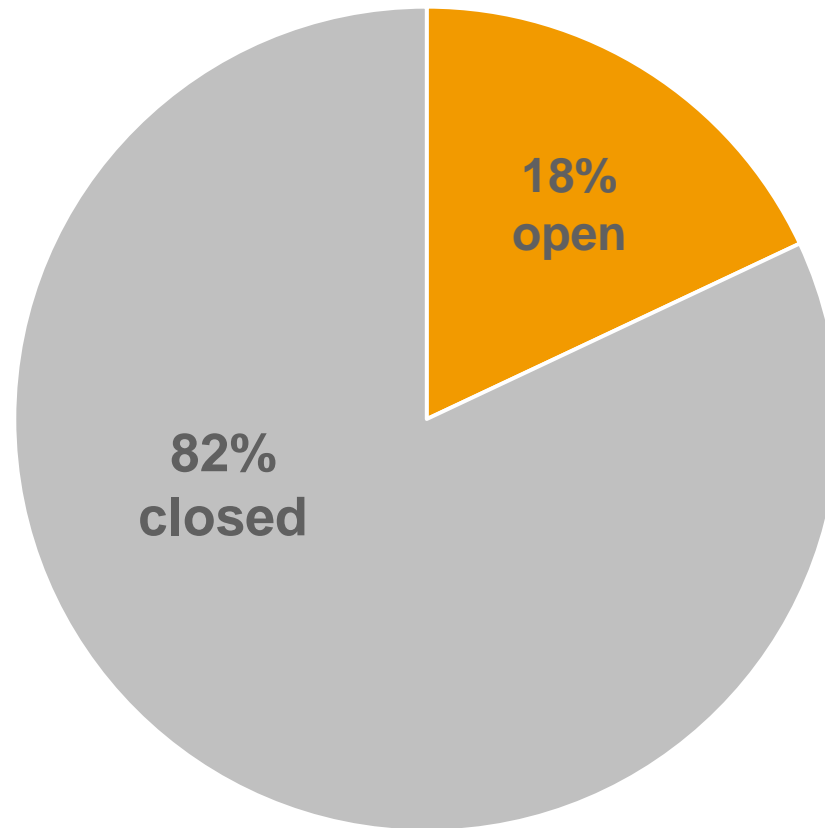
Data Sources: Web of Science in-house database Competence Centre for Bibliometrics for German Science.
Publisher names were disambiguated using Crossref metadata. OA status obtained from the Bielefeld GOLD OA list.
Funding: Federal Ministry of Education and Research of Germany (BMBF), Project OAUNI (01PU17023A)

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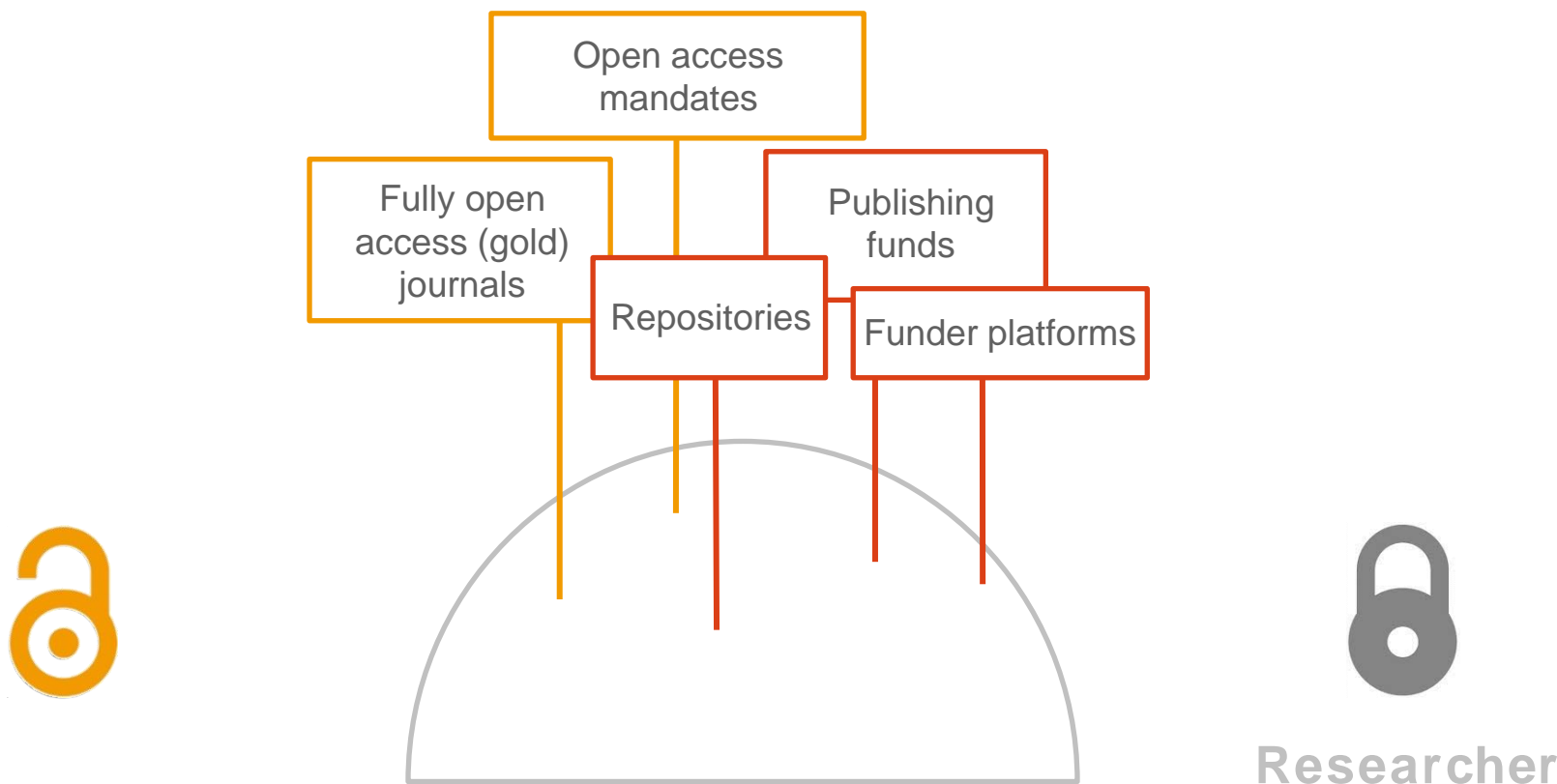
Global subscription spend
= 7.6 Bn Euro



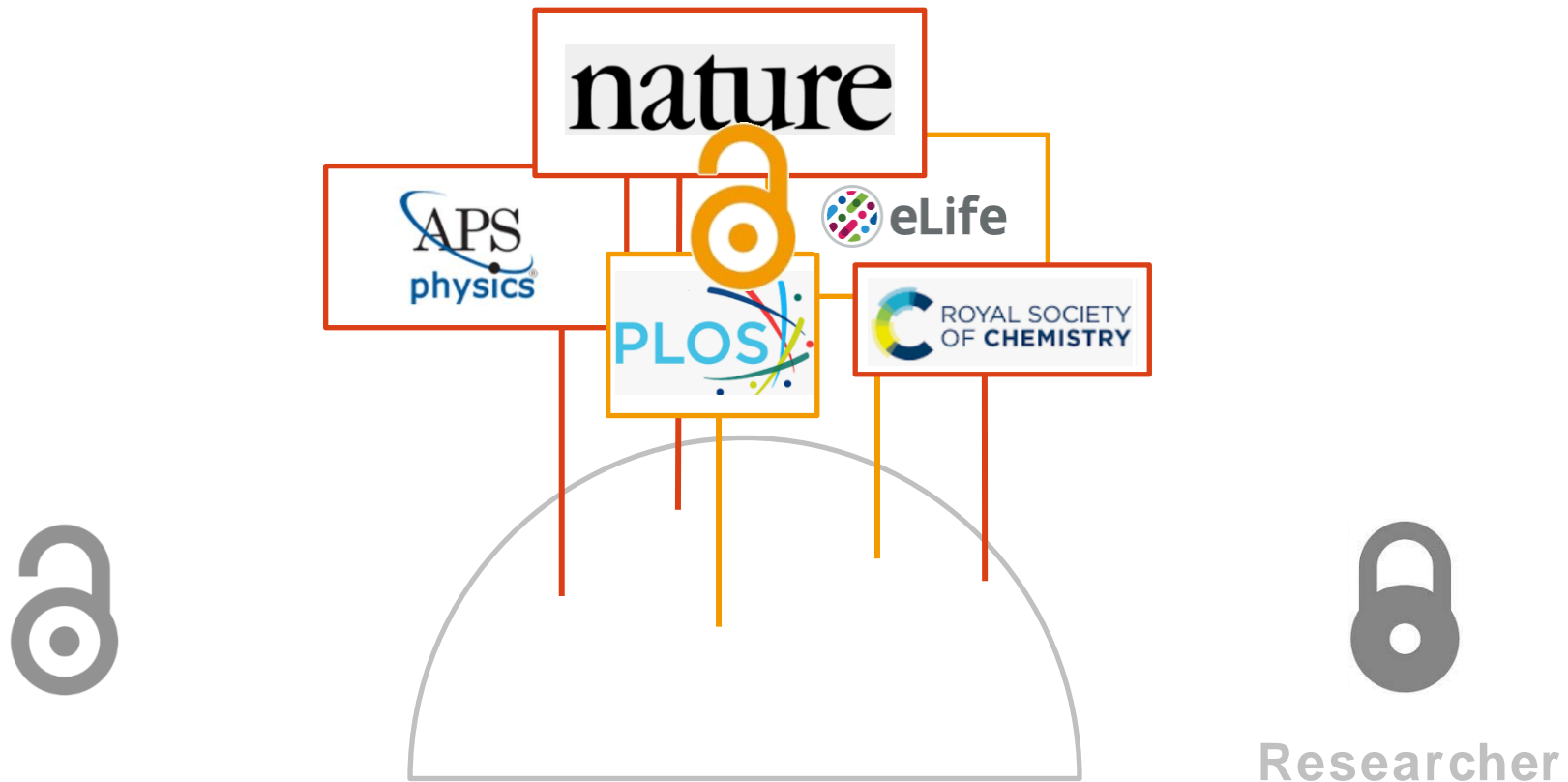
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The success of most OA strategies depends on changing author behavior



Scholars and scientists still heavily rely on the services of scholarly journals





The logical conclusion

It is not enough to give mandates for researchers

we need a

mandate for our money



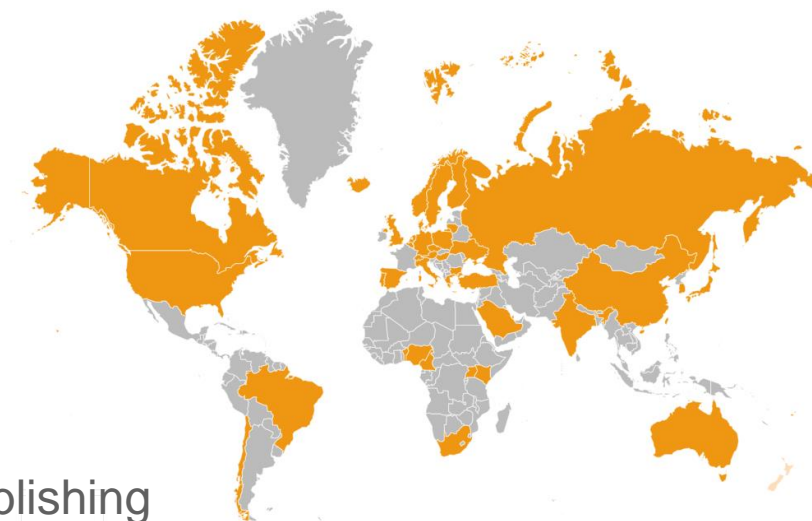
A global initiative to face publishers at eye level

Open Access 2020 Initiative

We aim to **transform** a majority of today's **scholarly journals from subscription to OA** publishing in accordance with community-specific publication preferences. At the same time, we continue to **support new and improved forms of OA** publishing.

We will pursue this transformation process by **converting resources currently spent on journal subscriptions into funds to support sustainable OA business models.**

Accordingly, we intend to **re-organize the underlying cash flows**, to establish **transparency** with regard to **costs and potential savings**, and to **adopt mechanisms to avoid undue publication barriers.**

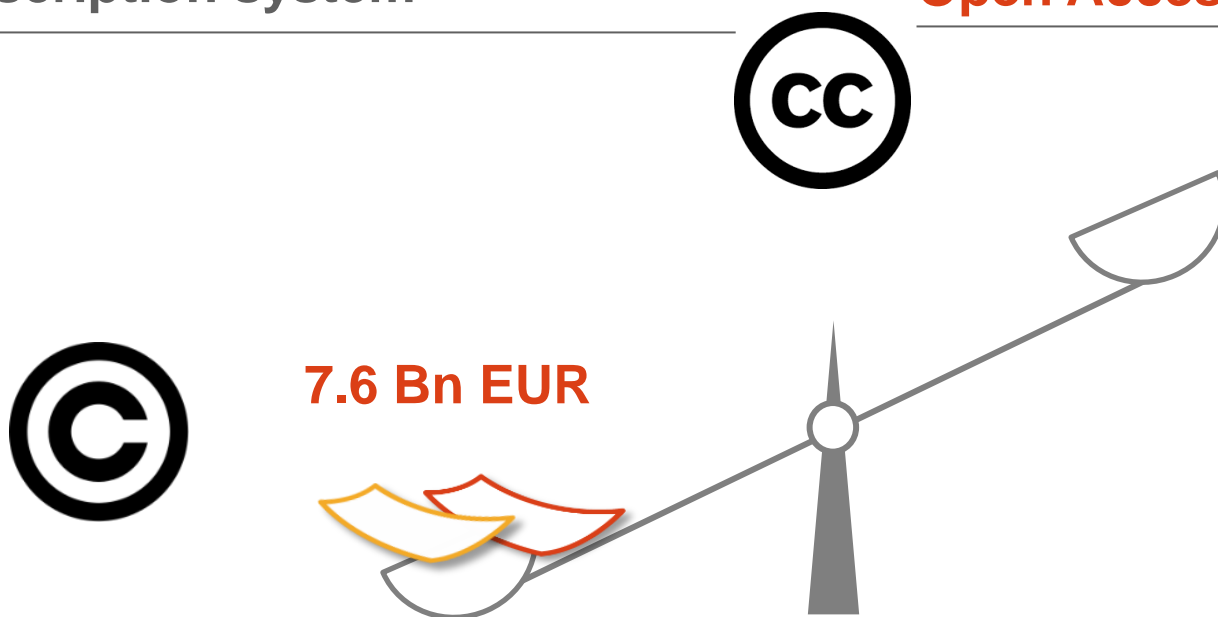


Transformative agreements

TA's are centrally negotiated agreements with scholarly publishers in which **former subscription payments are repurposed to cover open publication** of a country or institution's research articles (and reading of content still behind the paywall).

Subscription system

Open Access



Transformative agreements

TA's **eliminate APC's paid “in the wild”** and provide a framework in which the *logic, operations, and financial stream* of subscriptions can be shifted to support open access publishing.

- ✓ Authors retain copyright, (all) articles published open access
- ✓ Constrain and reduce costs, no double-dipping
- ✓ Transparent cost/service
- ✓ Temporary and transitional toward a complete and definitive shift to OA
- ✓ Future-ready orientation of processes and workflows

TA's massively increase the proportion of articles published openly, driving a swift and efficient transition of journal portfolios to open access and a transparent and more competitive scholarly publishing market.

The power of alignment between research funding and research performing organizations

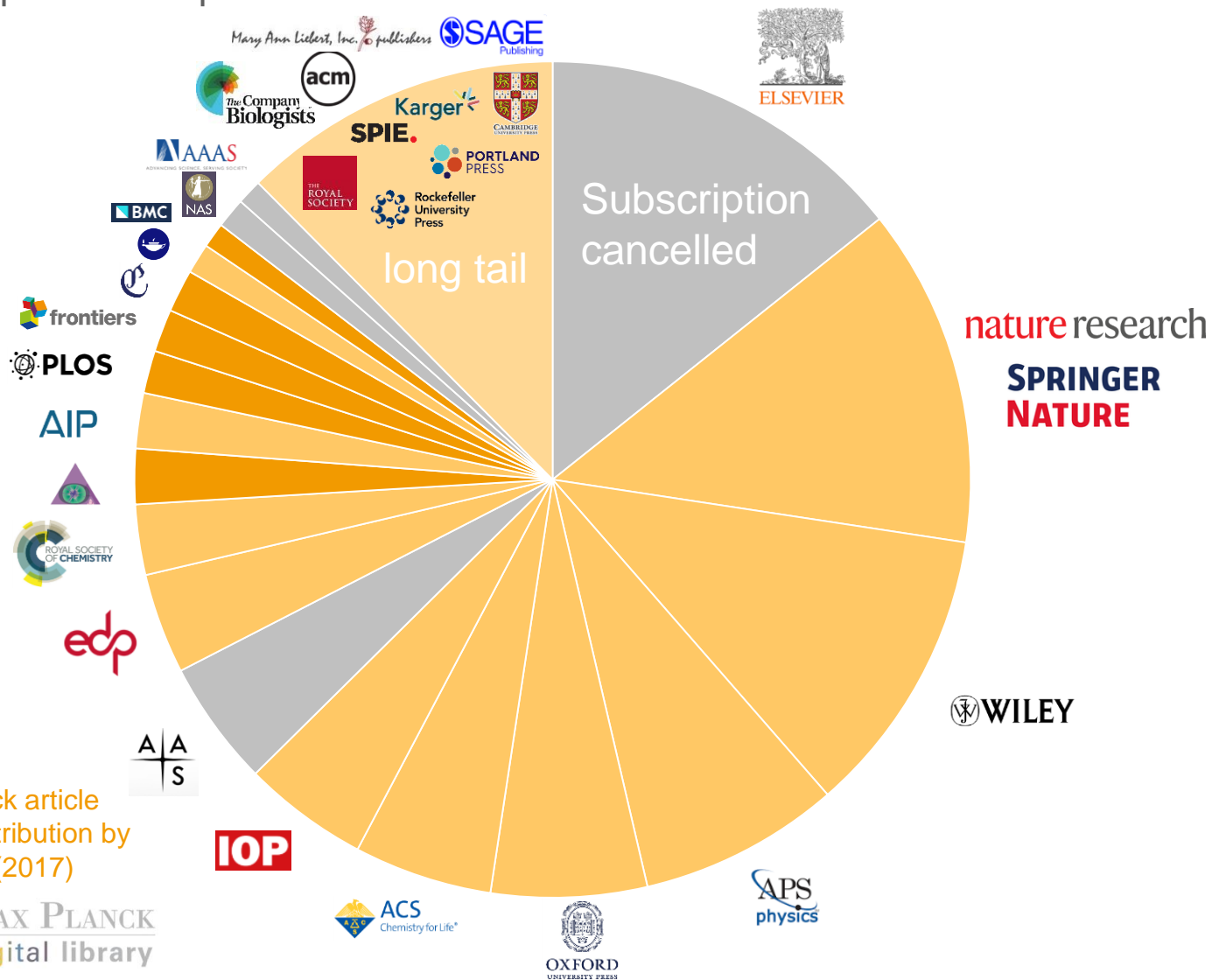
“**cOAlition S** strongly encourages institutions and consortia to develop new transformative agreements and will only financially support agreements after 1 of January 2021 where they adhere to the ESAC Guidelines.”

There are three routes for being compliant with Plan S:

	Open Access publishing venues (journals or platforms)	Subscription venues (repository route)	Transition of subscription venues (transformative arrangements)
Route	Authors publish in an Open Access journal or on an Open Access platform.	Authors publish in a subscription journal and make either the final published version (Version of Record (VoR)) or the Author's Accepted Manuscript (AAM) openly available in a repository.	Authors publish Open Access in a subscription journal under a transformative arrangement.
Funding	cOAlition S funders will financially support publication fees.	cOAlition S funders will not financially support 'hybrid' Open Access publication fees in subscription venues.	cOAlition S funders can contribute financially to Open Access publishing under transformative arrangements.

Impact of a transformative agreement strategy

Negotiation objectives of the **Max Planck Digital Library**: 100% of Max Planck Society authored papers published open access

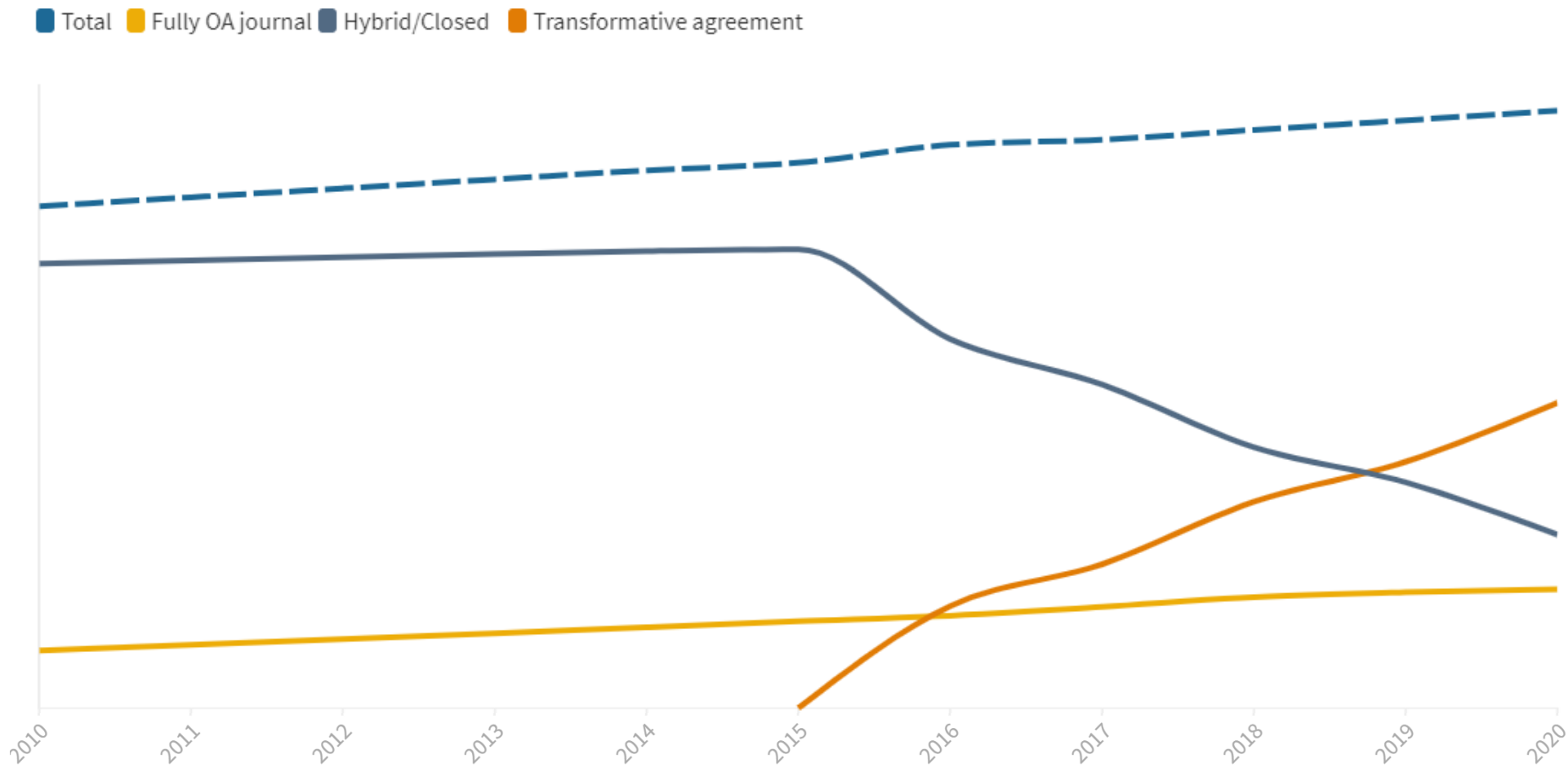


By negotiating **transformative agreements** with even just the top 20 publishers with whom our authors publish we can already secure open access for over 70% of our outputs.

Max Planck article output distribution by publisher (2017)

Tide-turning potential of TAs

Case study: Netherlands



Estimated total article output, corresponding authors, 2010-2020

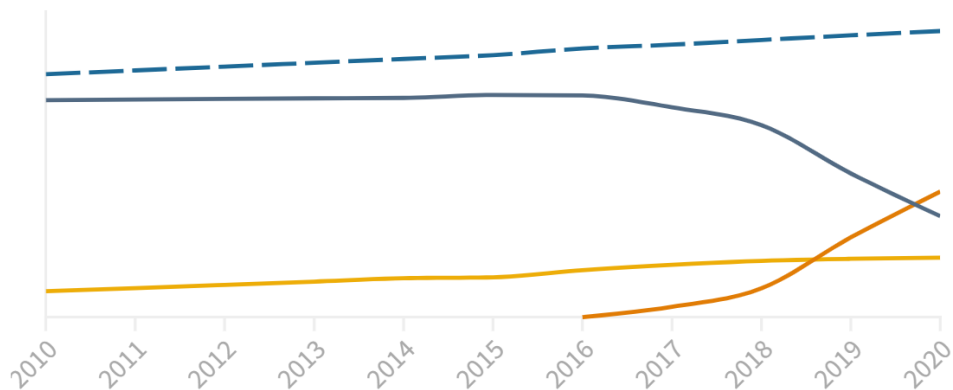
<https://github.com/subugoe/oa2020cadata>

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

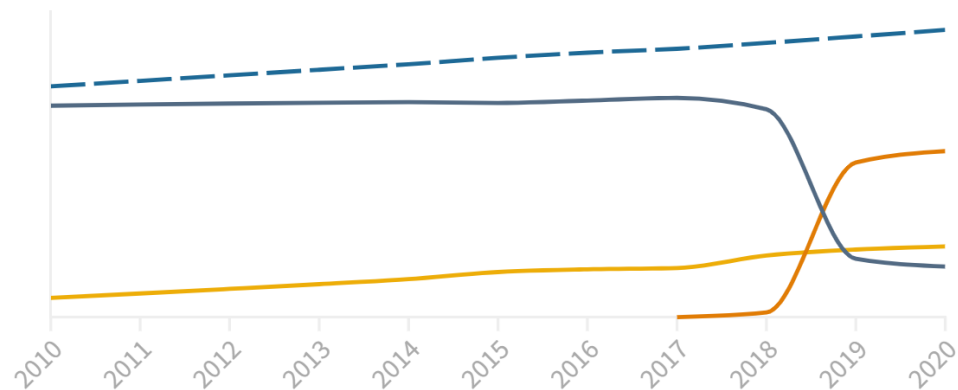
Tide-turning potential of TAs

■ Total ■ Fully OA journal ■ Hybrid/Closed ■ Transformative agreement

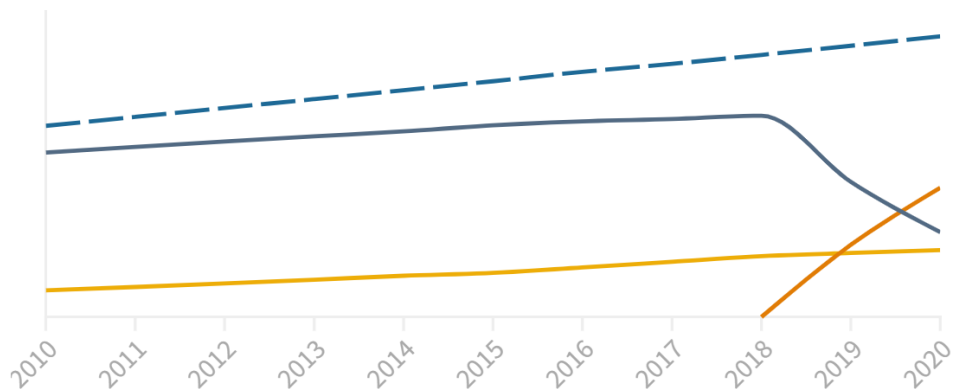
Austria



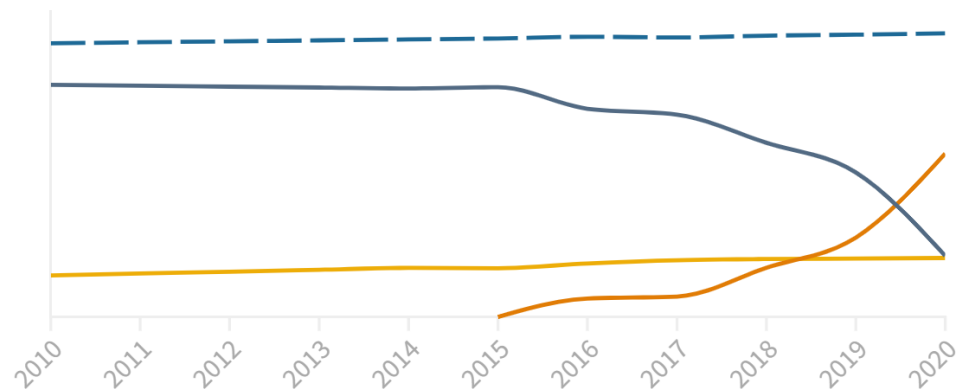
Hungary



Norway



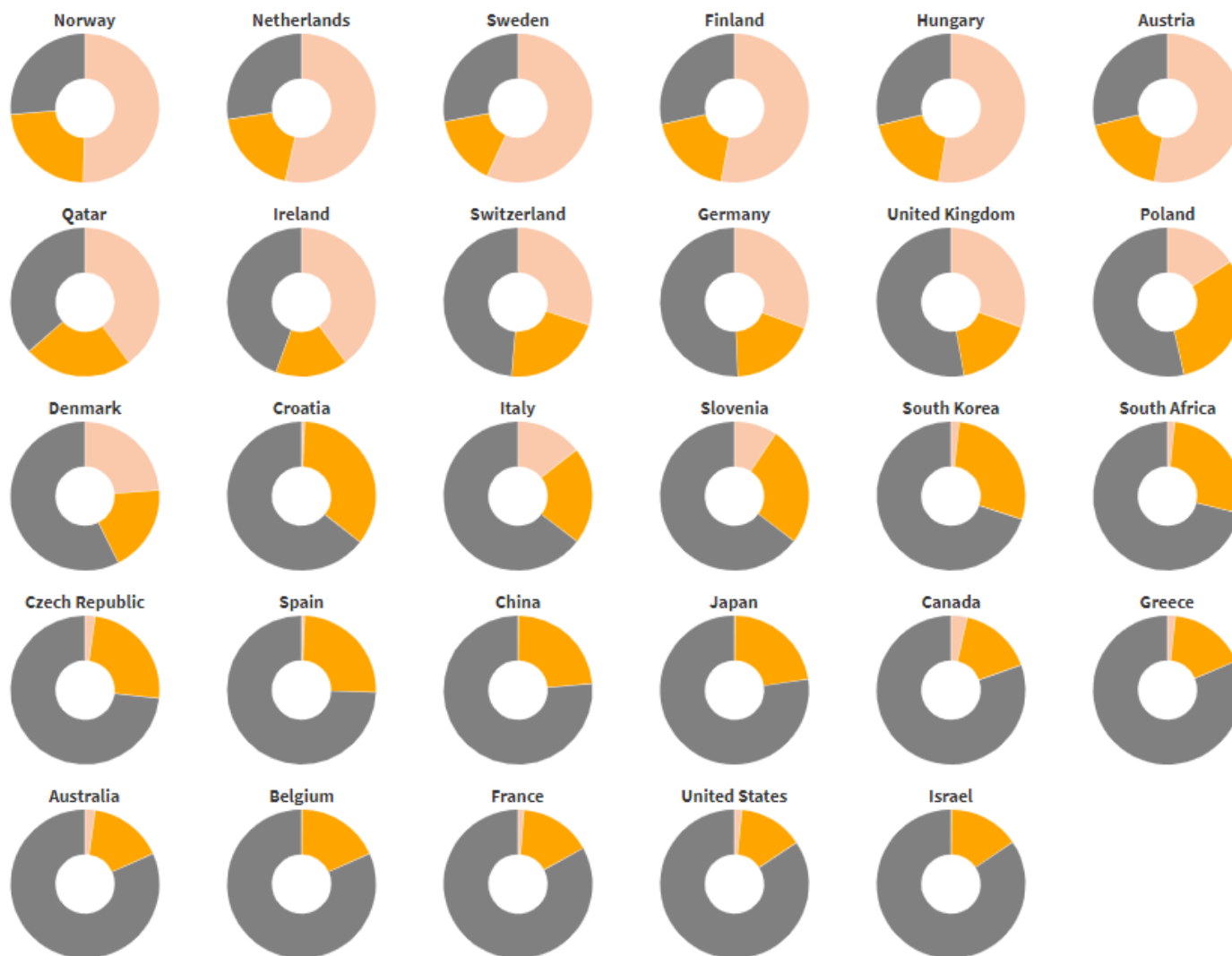
Sweden



Estimated total article output, corresponding authors, 2010-2020. Visualization by Adam Der, Max Planck Digital Library
<https://esac-initiative.org/about/transformative-agreements/agreement-registry/> <https://github.com/subugoe/oa2020cadata>

First movers already well beyond 50% OA

Transformative agreement Fully OA journal Hybrid/Closed



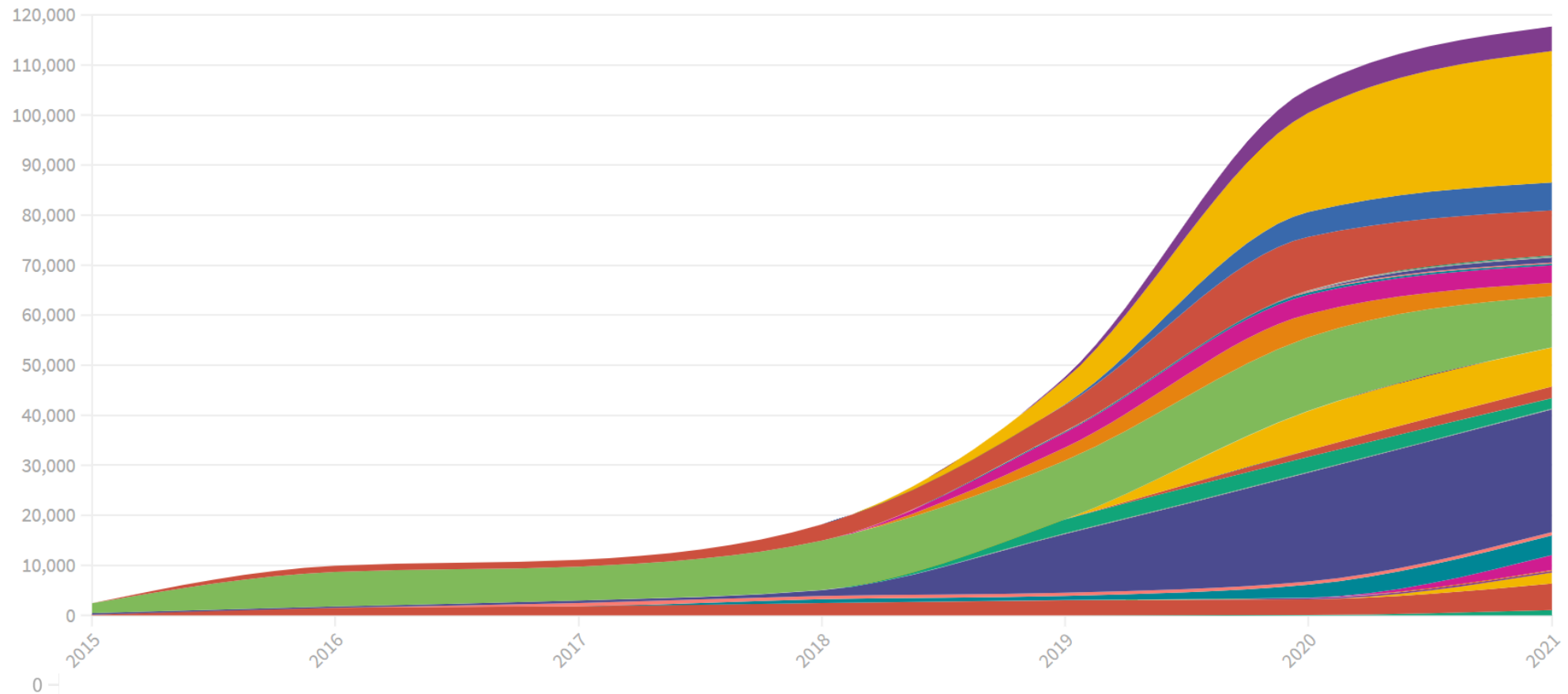
Newcomers
joining the ranks
and bringing up
the rear

Source: <https://github.com/subugoe/oa2020cadata/>, ESAC Transformative Agreement Registry
Last updated: 14-04-2021

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

Open access enabled

Australia Austria Belgium Canada China Croatia Czech Republic Denmark Finland France Germany Greece Hungary Ireland Israel Italy Japan Netherlands Norway Poland Qatar Slovenia South Korea Spain South Africa Sweden Switzerland United Kingdom United States



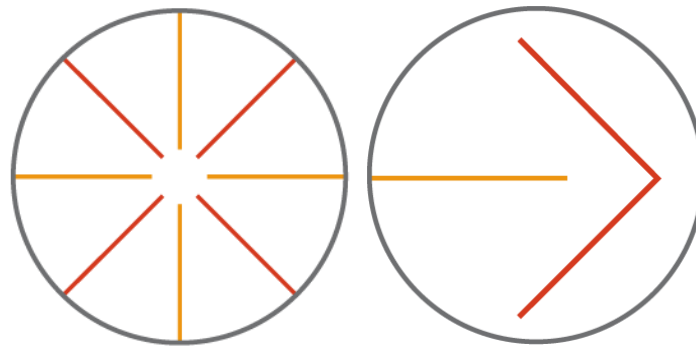
Number of articles covered by transformative agreements

<https://esac-initiative.org/market-watch/>

The next step in the OA transition

- The OA2020 community has demonstrated that transformative agreements are a truly **viable strategy** to achieve **open access on a large scale** in a matter of a **few short years**.
- There are challenges, but with each step forward, we gain a **new vantage point**. Through our alignment as a global community we can address these challenges.
- The next milestone will be achieved with the **proliferation of transformative agreements**, to make the transition irreversible.
- Transformative agreements with traditional subscription publishers need to be **complemented** by extended support for new and improved **fully open access publishing venues and platforms**

Thank you!



Participate
in **OA2020**

Accelerate
the transition

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Open Access 2020 Initiative

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<https://oa2020.org>