



OPEN ACCESS MONITOR GERMANY

ICOLC Meeting 2019, Luxembourg

22.10.2019 | IRENE BARBERS | Forschungszentrum Jülich, Central Library

Member of the Helmholtz Association



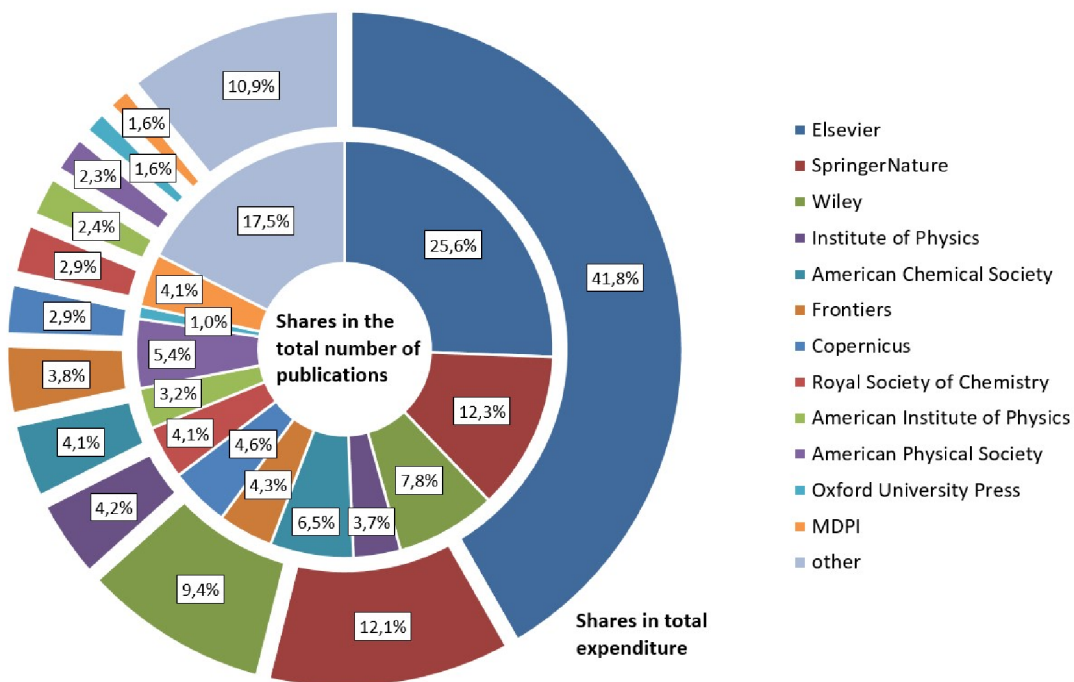
MONITORING THE TRANSITION TO OPEN ACCESS

- Reliable Data is needed to support the transition to Open Access and to monitor the shift of financial flows
 - Publications data: count of publications per publisher, per journal, per institution; proportions of Open Access and Closed Access
 - Cost data: subscription expenditure and publication fees
 - Usage data
 - Citations
- Until 2018 only singular reports with a limited scope available
 - On federal state level (for Berlin in 2016)
 - For individual institutions (OA Barometer, FZ Jülich)
- **Universally desirable for all academic institutions**

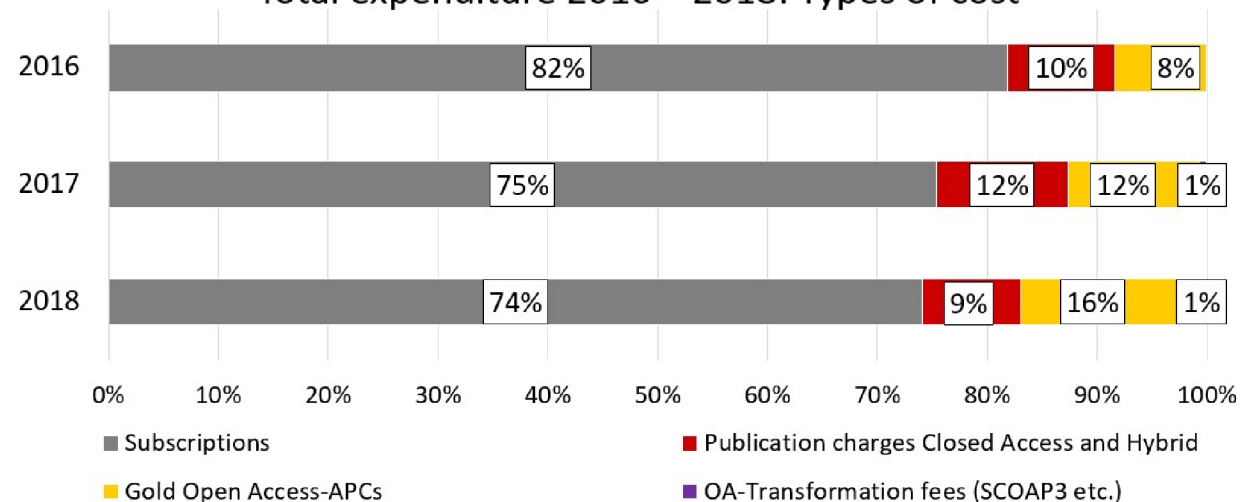
MONITORING THE TRANSITION AT THE LOCAL LEVEL

Open Access Barometer Forschungszentrum Jülich

Shares of publishing houses in number of publications and in total expenditure 2018



Total expenditure 2016 – 2018: Types of cost



https://www.fz-juelich.de/zb/EN/Expertise/open_access/oa_barometer/oa_barometer_node.html

OPEN ACCESS MONITOR GERMANY: PROJECT ORGANIZATION

- Data Office for the National Contact Point Open Access **OA2020-DE** - funded by the **Alliance of Science Organizations in Germany** to support the large-scale Open Access transformation until mid-2020: 1 of 3 FTEs
- **SynOA** - funded by the **Federal Ministry of Education and Research** as a part of the national Open Access Strategy until mid-2020: 2 FTEs + part-time contributions from FZ Jülich staff
- Application for continued funding in preparation

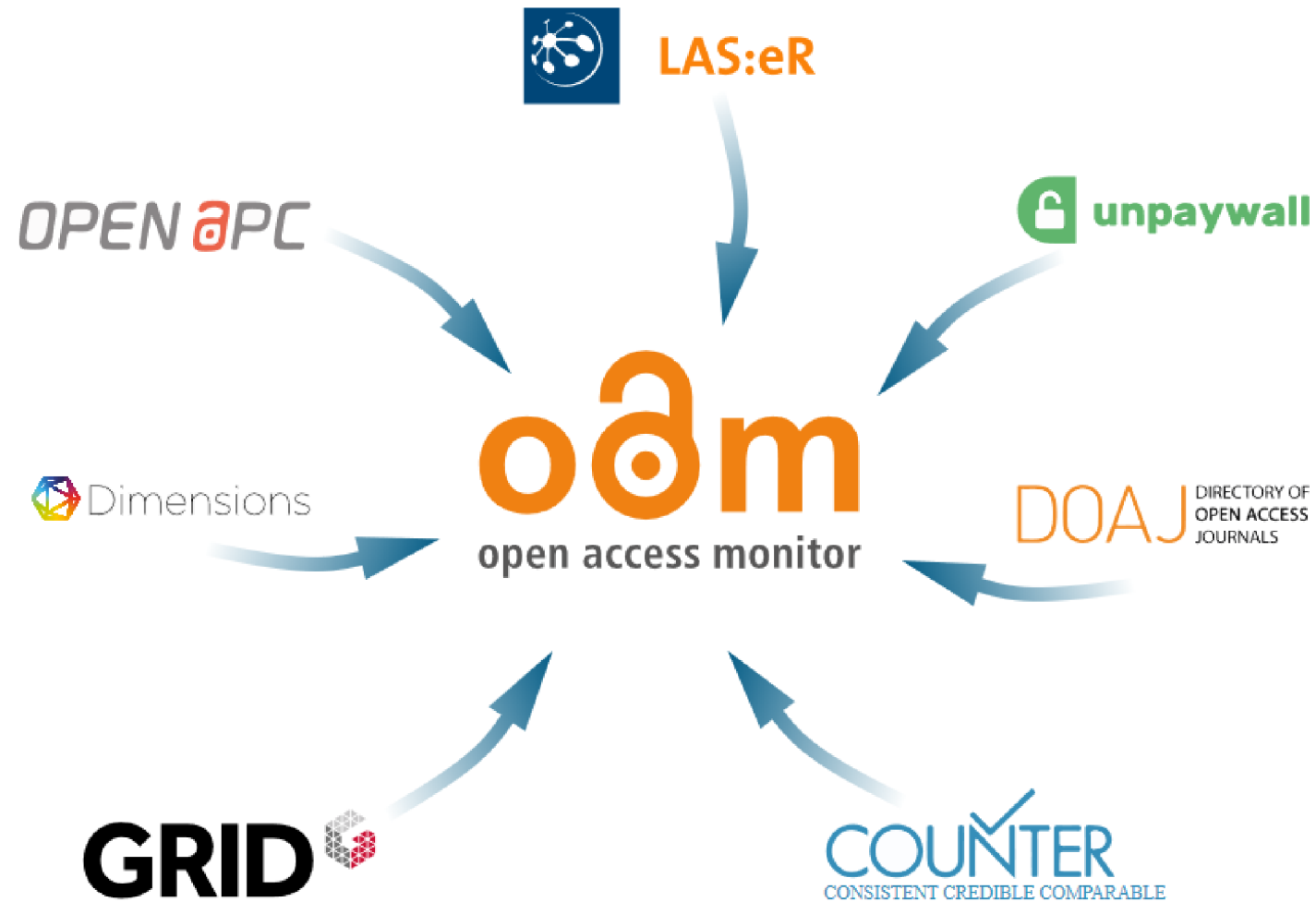
PROJECT MISSION

- The Open Access Monitor Germany aims to cover the full extent of publications that have been published by German academic institutions in scholarly journals
- By analysing subscription expenditure and publication costs we observe and support the transition to the Open Access model in German scholarly publishing
- The Open Access Monitor Germany builds upon systems which are already in existence or are currently being developed
- It serves as a data warehouse for OA2020-DE, e.g. compiles supporting data and prepares reports to inform negotiations for transition agreements

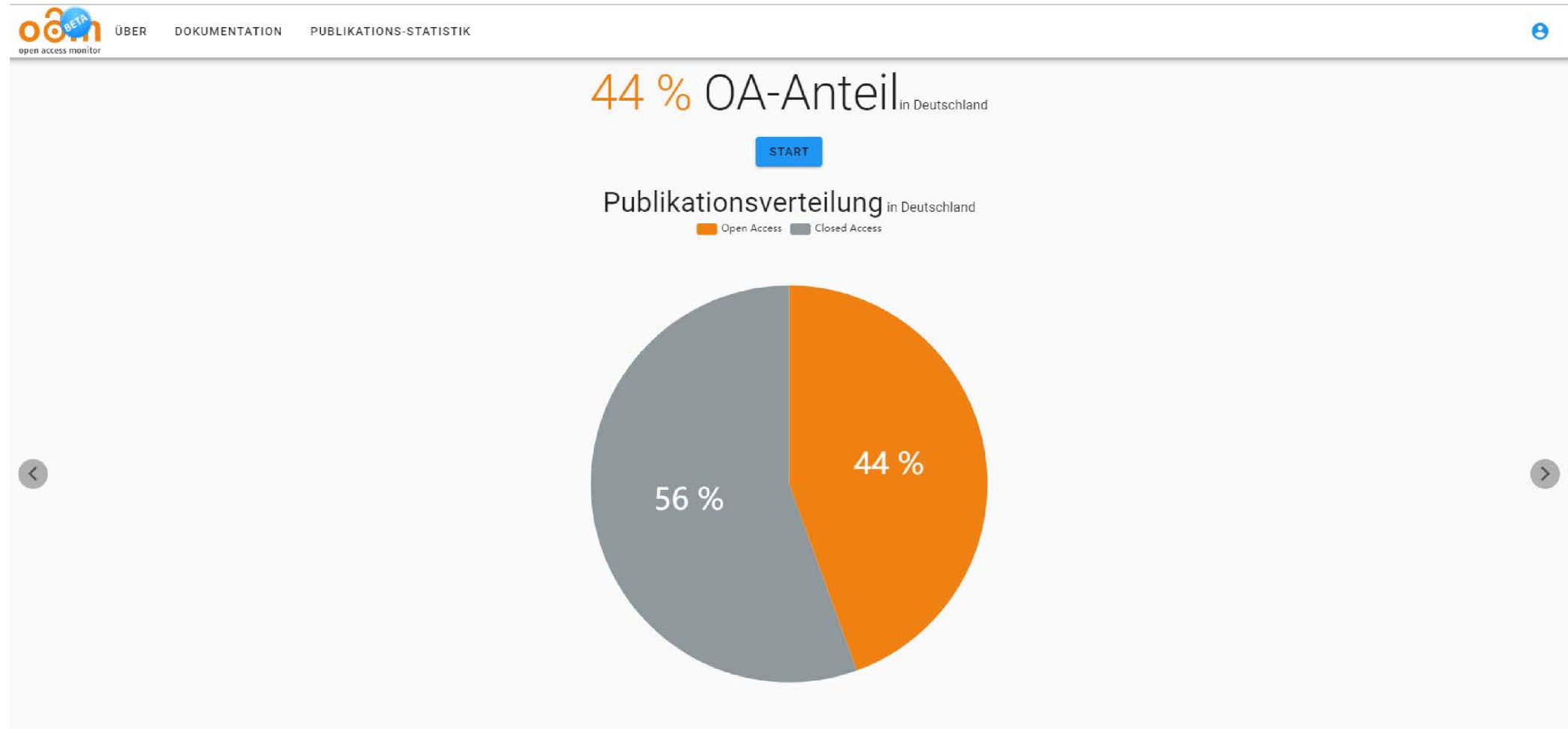
PROJECT STAKEHOLDERS

- **National and regional authorities** gain detailed overview of the situation in their area of responsibility
- **Funders** may prioritize and evaluate their programmes
- **Institutions** may identify scientific areas where they can increase their efforts
- **Libraries** may negotiate fact-based agreements for the transition to Open Access and switch funds from subscription budgets to publication funds
- **Authors** may optimize their publication behaviour
- **ScholComm Researchers** have access to data for research on scholarly publishing

SOURCE SYSTEMS

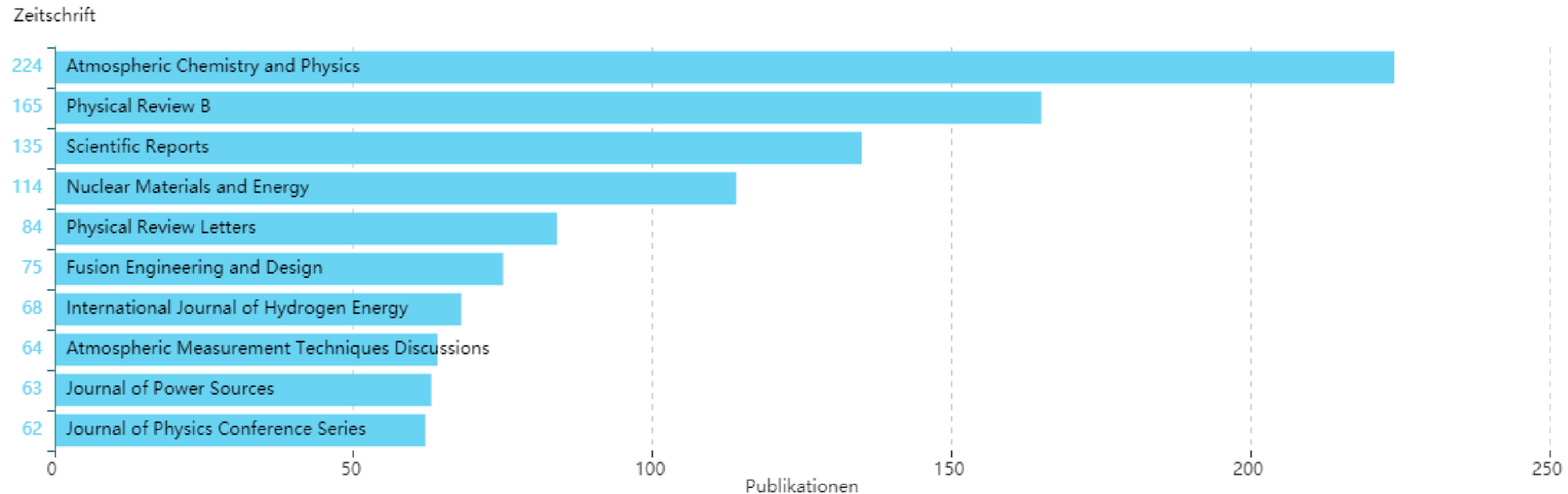


INSIDE THE OPEN ACCESS MONITOR



VIEWS AND ANALYSES

Publications per journal



Number of published articles in the respective journal according to the following criteria: Germany, Forschungszentrum Jülich, 2016,2017,2018,2019, display limit 10.

VIEWS AND ANALYSES

Publications per journal



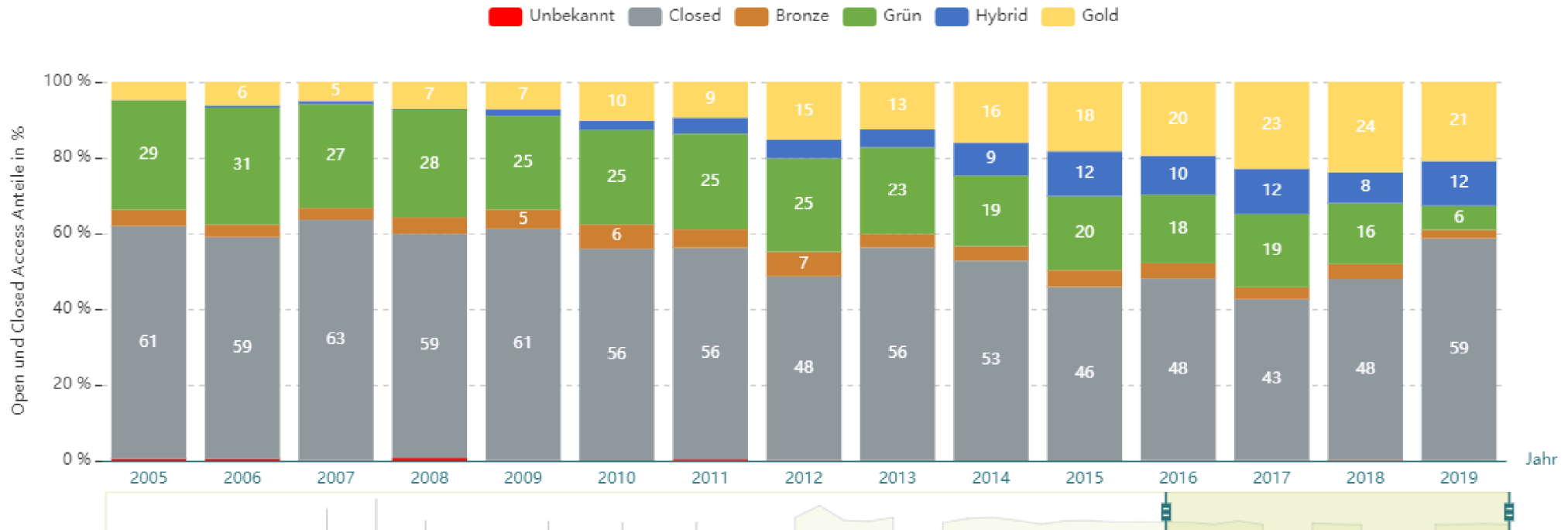
ID of the magazine (Dimensions)	magazine	total
jour.1033685	Atmospheric Chemistry and Physics	224
jour.1320488	Physical Review B	165
jour.1045337	Scientific Reports	135
jour.1149268	Nuclear Materials and Energy	114
jour.1018277	Physical Review Letters	84
jour.1136948	Fusion Engineering and Design	75
jour.1026109	International Journal of Hydrogen Energy	68
jour.1049386	Atmospheric Measurement Techniques Discussions	64
jour.1042951	Journal of Power Sources	63
jour.1043366	Journal of Physics Conference Series	62



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VIEWS AND ANALYSES

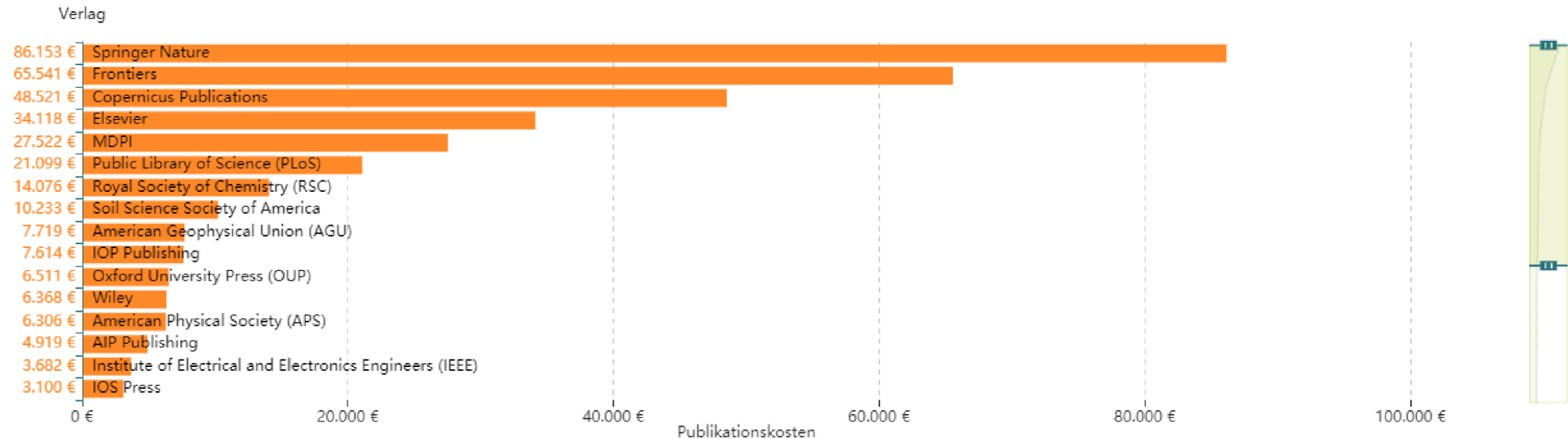
Open access status per year



Open Access status of publications per year according to the following criteria: Germany, Forschungszentrum Jülich.

VIEWS AND ANALYSES

Publication costs per publisher



Publication costs in Euro per publisher according to the following criteria: Germany, Forschungszentrum Jülich, 2018.

VIEWS AND ANALYSES

Publication costs per publisher

▼ search   

6,306€

Publication costs in Euro per publisher according to the following criteria: Germany, Forschungszentrum Jülich, American Physical Society (APS), 2018, display limit 20.

Publication costs per journal

▼ search   

ID of the magazine (Dimensions)	magazine	total
jour.1050420	Physical Review X	€ 2,539.30
jour.1018277	Physical Review Letters	€ 2,398.65
jour.1320488	Physical Review B	€ 1,368.38

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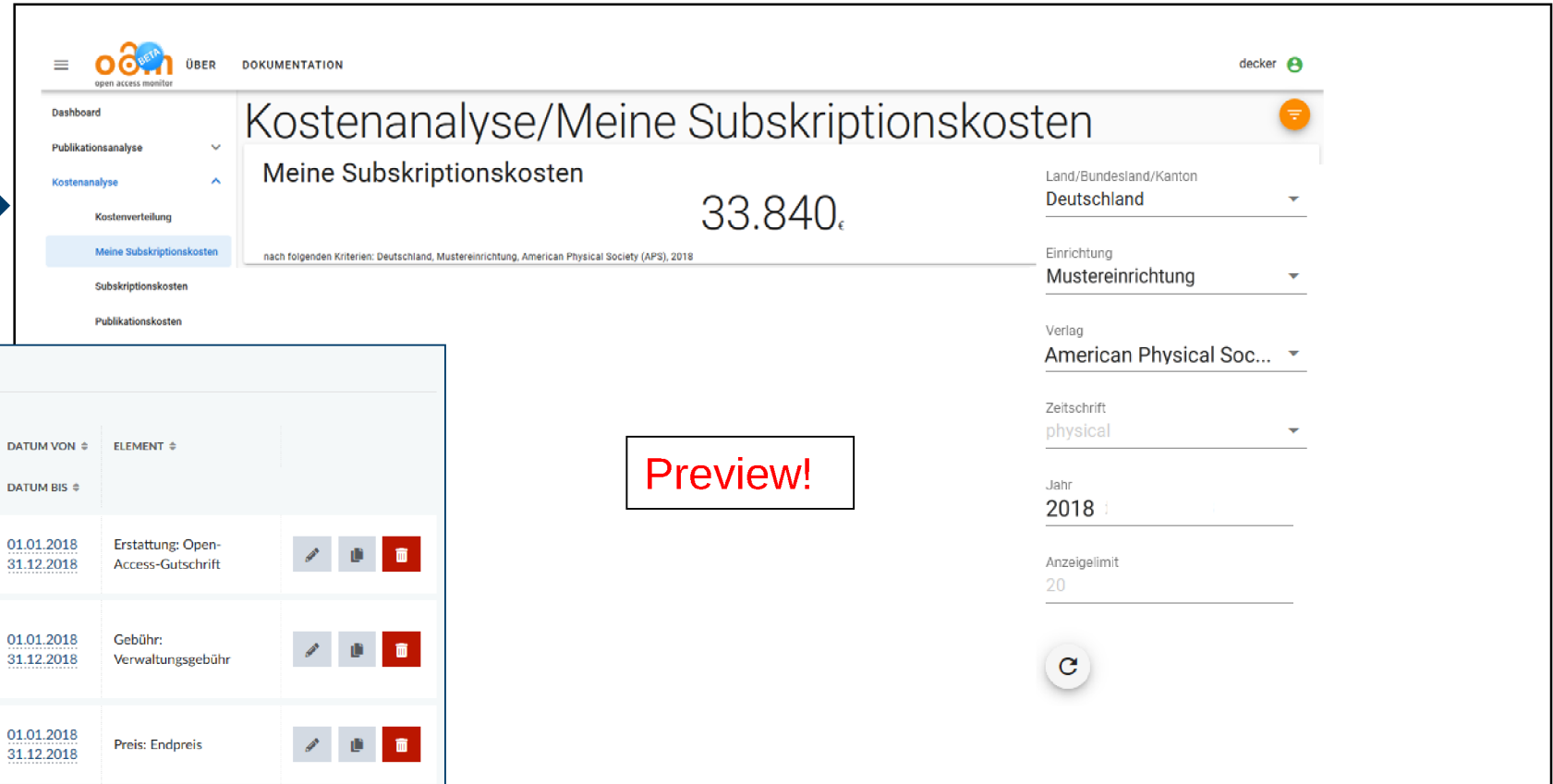
Publication costs in Euro per journal according to the following criteria: Germany, Forschungszentrum Jülich, American Physical Society (APS), 2018, display limit 20.

VIEWS AND ANALYSES

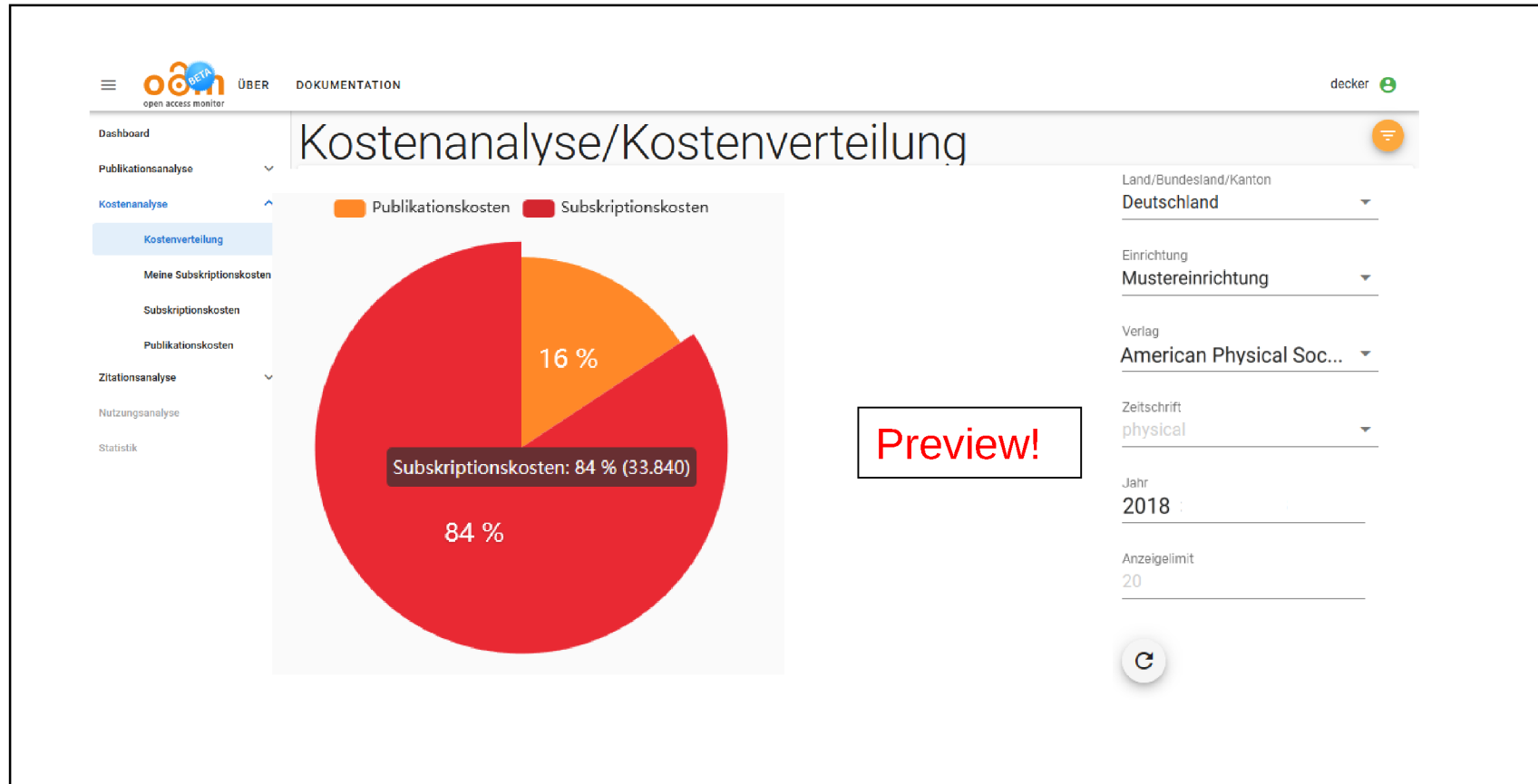


Eigene Kosten

NR.	BEZEICHNUNG		RECHNUNGSSUMME	WERT (IN EUR)	STATUS	DATUM VON	DATUM BIS	ELEMENT	
1	Gutschrift SCOAP3	⊖	5.813,12 USD 6.917,61 USD (19%)	4.970,18 € 5.914,51 € (19%)	feststehend	01.01.2018 31.12.2018		Erstattung: Open- Access-Gutschrift	  
2	Handling	⊕	1.134,07 USD 1.134,07 USD (Steuersatz nicht gesetzt)	969,62 € 969,62 € (Steuersatz nicht gesetzt)	feststehend	01.01.2018 31.12.2018		Gebühr: Verwaltungsgebühr	  
3	APS all	⊕	38.120,00 USD 45.362,80 USD (19%)	32.592,34 € 38.784,88 € (19%)	feststehend	01.01.2018 31.12.2018		Preis: Endpreis	  
GESAMTKOSTEN									
Rechnungssumme in USD Endpreis			33.440,95 USD 39.579,26 USD	LAS:eR					
Wert in EUR Endpreis			28.591,78 EUR 33.839,99 EUR						



VIEWS AND ANALYSES



OPEN ACCESS MONITOR GERMANY: SUMMARY

- Database developed, set up and running
- Data sources integrated
- Web Interface established and already well used by the community
- Libraries are advised on use of web interface and interpretation of data, e.g. in the DEAL context
- API and Query Tool provided
- Code snippets for embedding into institutional websites

OPEN ACCESS MONITOR GERMANY: OUTLOOK

- Expand data on subscription expenditure
- Integrate additional data sources
- Investigate possibilities for monitoring of traditional publication costs, e.g. colour charges
- Develop more functionalities for different use cases and according to user feedback
- Supply more views and analyses, e.g. views for consortia
- Integrate usage data
- Introduce mapping to fields of research

TEAM AND CONTACT

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Concept and Consulting



info@open-access-monitor.de



https://www.fz-juelich.de/zb/synoa_en



<https://open-access-monitor.de>

SOURCE SYSTEMS REFERENCES

Dimensions	https://www.dimensions.ai/
GRID	https://www.grid.ac/
OpenAPC	https://www.intact-project.org/openapc/
LAS:eR	https://laser.hbz-nrw.de/
Unpaywall	https://unpaywall.org/
DOAJ	https://doaj.org/