

# What is the role of academic libraries in Open Science?

Demmy Verbeke







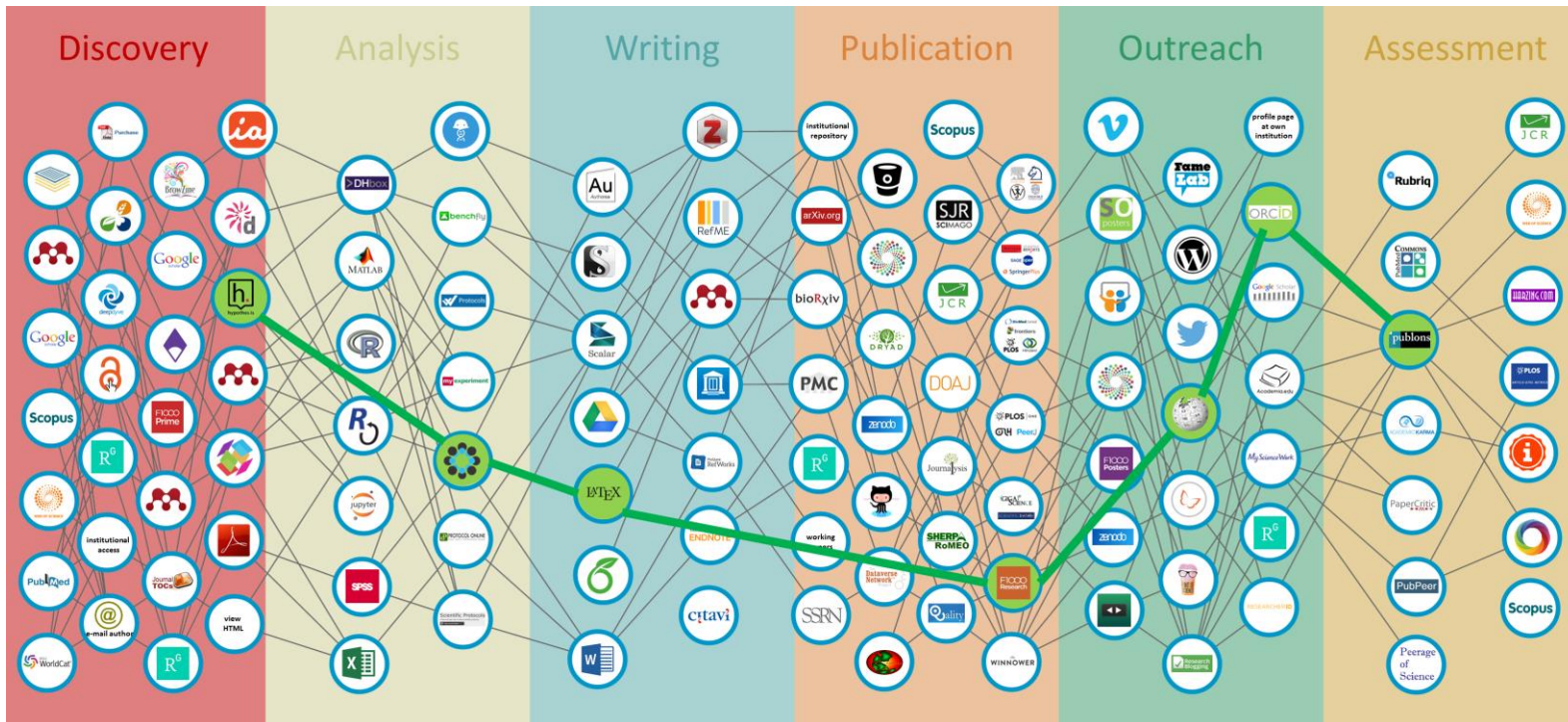
1.guidance

2.lead by example

3.provide infrastructure

4.finance infrastructure

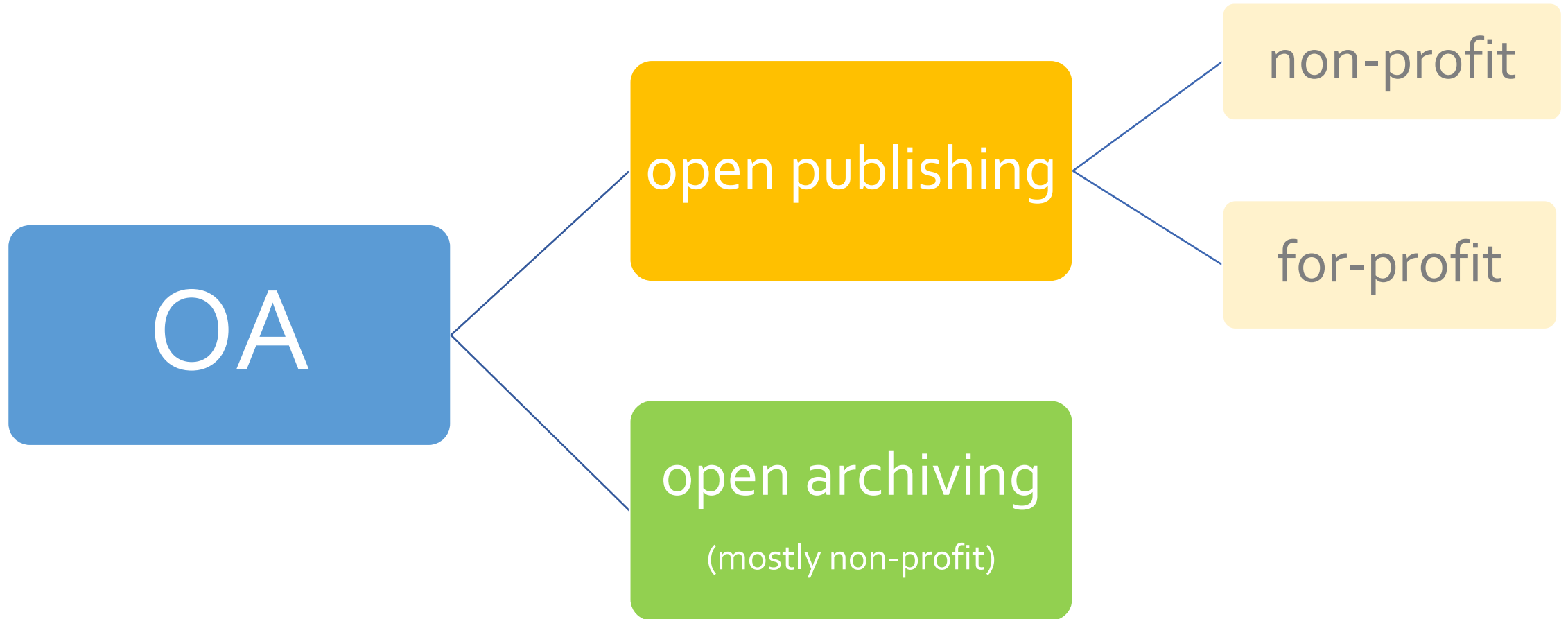
# guidance: variety of tools



- underlying values
- financial models
- language choices
- geographical location
- user communities



# guidance: types of OA



# guidance: types of OA

repeat over and over again:

OA does **not** necessarily imply author-facing costs (APC or BPC)

OA does **not** necessarily mean more and more read&publish deals



# guidance: advise on cost



Luqman Hayes  
@theluqmanarian



Overheard [#ScholComm](#) wisdom: "Read and publish deals are basically like giving all our money to BP, Shell and Mobil and asking them nicely to fix the climate crisis."

[#OpenAccess](#) [#ForTheManyNotTheFew](#)

4:03 AM · Feb 9, 2022 · Twitter Web App

- R&P deals are rarely truly cost-neutral in the present and financially unsustainable in the long run
- R&P deals come at a huge administrative cost
- R&P deals are inequitable: inability to read is exchanged for inability to publish, putting up author paywalls in place of reading paywalls
- R&P deals lead to market consolidation: the big get bigger and stronger, the small are marginalized even more
- R&P deals shift subscription budget of libraries to funding OA without altering business structure
- R&P deals risk hoovering up all of the library budget, and thus threaten funding for OA publishers who have never worked with the paywall business model
- we are making profit-driven OA publishing the most user-friendly
- we are undermining our own negotiation position next time around
- we are funding the further for-profit take-over of scholarly communication

## Research Data Management and the Evolutions of Scholarship: Policy, Infrastructure and Data Literacy at KU Leuven

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Volume 7, General Issue (2019)

## JLSC Board Editorial 2019

Anne Gilliland, Rebekah Kati, Jennifer Solomon, Luqman Hayes, Emma Molls, Dave S. Ghemandi, Camille Thomas, Maria Bonn, Will Cross, David W. Lewis, Demmy Verbeke, Christine Fruin, DeDe Dawson, & Danny Kingsley

Gilliland, A., et al. (2019). JLSC Board Editorial 2019. *Journal of Librarianship and Scholarly Communication*, 7(General Issue), eP2334. <https://doi.org/10.7710/2162-3309.2334>

## (Dossier BIBLIOTHÈQUES DE RECHERCHE EN EUROPE)

Le KU Leuven Fund for Fair Open Access vise à développer des pratiques d'open access dérivées de toute implication commerciale.



## KU Leuven Fund for Fair OA, financer les alternatives

Les discussions récentes autour de la transformation des publications scientifiques vers le libre accès, notamment les nombreuses réactions liées à la mise en œuvre du Plan S<sup>1</sup>, font souvent état, un peu contre-intuitivement, des implications financières négatives d'une telle évolution. En effet, au-delà des espoirs et des attentes, qui sont grands, on constate que le passage à l'open access (OA), lorsqu'il est réalisé en préservant la collaboration avec les éditeurs traditionnels, par exemple en concluant des accords de compensation<sup>2</sup>, ne réduit globalement pas les coûts de la dissémination des résultats de la recherche scientifique.

### «RENTABILITÉ» DE L'OA?

En tant que tel, l'OA n'est évidemment pas plus coûteux que le modèle d'abonnement traditionnel mais une approche commerciale de l'OA ne ferait qu'empirer les choses. En effet, les coûts des publications négociés selon le modèle Gold Open Access sont au moins aussi élevés que les coûts d'accès du modèle d'abonnement traditionnel. De ce fait, l'oligopole<sup>3</sup> qu'exercent déjà les principaux acteurs commerciaux dans le domaine de l'édition scientifique risque de se renforcer, voire de s'étendre à d'autres éléments du cycle qui mène

de diffusion scientifique constitue une condition nécessaire à la transition vers un système qui n'incite pas aux abus.

### FAVORISER L'OA ÉQUITABLE AVEC LES BIBLIOTHÈQUES DE L'UNIVERSITÉ DE LOUVAIN

Dans le passé, les bibliothèques de l'université de Louvain ont déjà témoigné de leur soutien à de telles alternatives non commerciales, par exemple en se déclarant parmi les premières en faveur du modèle *Library Partnership Subsidy* défendu par l'*Open Library of Humanities*<sup>4</sup>. En 2018, ce soutien a été intensifié avec la création du *KU Leuven Fund for Fair OA*, dans l'espoir d'accroître la part de marché des acteurs à but non lucratif dans le domaine de la communication scientifique, et dans le souci de préserver une indispensable concurrence. Le fonds sert à financer quatre groupes spécifiques d'activités, selon une même caractéristique: l'adhésion des bénéficiaires aux principes de l'OA équitable, ce qui implique notamment que les auteurs conservent leurs droits et que les redevances versées aux éditeurs soient faibles, transparentes et proportionnelles au travail effectué. Le fonds accorde un soutien financier aux infrastructures

[1] Lancé en septembre 2018, le Plan S est une initiative de Science Europe, association d'organisations scientifiques, qui promeut l'édition scientifique en libre accès. C'est une initiative de la «Coalition S», consortium soutenu par le Conseil européen de la recherche et les agences de financement de la recherche de douze pays européens.

[2] Incluant à la fois les coûts de publication et d'abonnement.

[3] Définit un cadre de marché pour l'ensemble des acteurs.

# lead by example

Insights – 35, 2022

Library funding for open access at KU Leuven | Demmy Verbeke and Laura Mesotten



## Library funding for open access at KU Leuven

As main buyers of scholarly literature, research libraries have always provided essential economic support for sustaining the market of academic publishing. With the switch to open access (OA), libraries are now faced with transitioning this support from the demand (subscriptions) to the supply (publications) side. The way in which this is currently done, in general, risks strengthening the preponderance of the for-profit approach to scholarly communication. We therefore believe that it is essential to apply library budgets to foster a greater diversity. That is exactly the purpose of the Fund for Fair Open Access, set up by KU Leuven Libraries in 2018, which is exclusively devoted to stimulating the development of non-profit and community-led initiatives. This is achieved by library memberships to sustain open scholarship infrastructure, by supporting diamond OA programmes and by subsidizing OA books published by Leuven University Press. In this article, we will demonstrate the accomplished successes of the fund and share some insights we have gathered along the way, such as our decision to cease financing article processing charges, even in a Fair OA business model.

### Keywords

library funding; non-profit; community-led; OA business models; Fair OA



# KU Leuven Open Science Day



HOME PROCEEDINGS 2022 ▾ PROCEEDINGS 2021 ▾ COLOPHON



The KU Leuven Open Science Day is an annual event where KU Leuven researchers from all career stages share knowledge and exchange examples of how they implement Open Science principles in their research. It offers a platform where researchers can inspire, learn from each other and discover how their research can benefit from these principles. The proceedings offer a record of the presentations, panel sessions, and posters, which demonstrate how KU Leuven researchers embed Open Science practices during the different stages of their research.

The KU Leuven Open Science Day is organized by KU Leuven Libraries in collaboration with the Research Coordination Office and the Information & Communication Technology & Systems Office (ICTS) and under the auspices of the [KU Leuven Open Science task force](#).



<https://kuleuvenopenscienceday.pubpub.org>



# lead by example

## The Scholarly Tales

For and by researchers, librarians and other scholarly folk at KU Leuven's Faculty of Arts

### Digital Humanities Virtual Discussion Group for ECRs in Belgium: Fall 2022 Edition

POSTED ON: October 4, 2022  
WRITTEN BY: Leah Budke

Are you an early career researcher in the field of Digital Humanities or a student interested in DH approaches who would like to discuss DH with other early career researchers in the Belgian DH community? If so, you might be interested in joining the DH Virtual...

[Continue reading...](#)

### Training: Open Science Discovery for PhD researchers 2022 (KU Leuven)

POSTED ON: September 12, 2022  
WRITTEN BY: Laura Mesotten

This event is only open to KU Leuven researchers and staff. When? 24 October 2022, 1 pm - 4 pm Where? Promotiezaal (Universiteitshal, Naamsestraat 22) and online via MS Teams (link will be shared prior to the event) For whom? Training targeted at...

[Continue reading...](#)

### Baserow: the open-source, no-code database

POSTED ON: September 6, 2022  
WRITTEN BY: Laura Mesotten

Are you looking for an easy way to organize your research data in a database without worrying about data loss? Do you want to...

#### Artes Research

- Leah Budke, Information Specialist Research - focus digital scholarship in the humanities
- Rebecca Burke, Information Specialist Research - focus Lirias & communication
- Laura Mesotten, Process Manager Research & Open Scholarship
- Nele Noppe, Information Specialist Research - focus Research Data Management

[Artes Research website](#)

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## Artes Research Team @ KU Leuven Libraries

### Recent uploads

Search Artes Research Team @ KU Leuven Libraries

June 4, 2021 (1.0) Lesson Open Access

Zotero for individuals and groups: A flexible workshop presentation on basic and advanced features

Noppe, Nele;

An introduction to the reference manager Zotero, from basic setup to using advanced features like PDF management, advanced searching, optical character recognition of PDFs to make them searchable, and using Zotero groups to create a shared collection of references for a research team. This pres

Uploaded on June 4, 2021

March 11, 2021 (1.4) Lesson Open Access

The hands-on guide to research data management for KU Leuven researchers, students, and research support staff in the humanities and social sciences

Noppe, Nele; Vanvelk, Jan;

This guide explains RDM best practices and guides you through completing a data management plan (DMP). The guide was made for students, researchers, and other staff of KU Leuven who work in the social sciences and humanities. You can work through these materials independently or use them in the cont

Uploaded on March 11, 2021

4 more version(s) exist for this record

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## Artes digital scholarship community

Group Library

### Recently Added Items

Title	Added By	Date Modified
Taguette, the free and open-source	Nele Noppe	6/1/2022, 16:55:14
	le Noppe	6/1/2022, 16:46:54
	le Noppe	5/31/2022, 15:01:42
	le Noppe	5/20/2022, 12:18:35
	le Noppe	5/18/2022, 16:28:15
	le Noppe	5/18/2022, 16:25:14
	le Noppe	5/16/2022, 16:20:52
	le Noppe	5/16/2022, 16:11:29

Resources on digital scholarship for KU Leuven researchers, students, and staff, curated by the [research team of the library of the Faculty of Arts](#). Mostly digital humanities, research data management, and scholarly publishing/open access.

To join the group, simply log in with a free Zotero account and click the "Join" button. When you join, you can add your own resources, see the content of attachments, and search this group right from your own Zotero desktop client. If you're not a member, you can still browse and search the content of the group.

For updates about digital scholarship for Faculty of Arts people, check out [our blog](#).

Owner: [arteseearch](#)  
Registered: 2020-04-17  
Type: Public  
Membership: Closed  
Library Access: You can only view

New upload

Artes Research Team @ KU Leuven Libraries

All kinds of materials created by the research time of KU Leuven Libraries Artes.

Curated by: neleenoppe

Curation policy: Not specified

Created: March 25, 2021

Harvesting API: OAI-PMH Interface

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- Click the button above to upload a record directly to this community. To add one of your existing records to the community, edit the record, add this community under the "Communities" section, save, and finally publish.

# Images as Open Data

# lead by example



## What

KU Leuven Libraries offers the available data that was created through digitisation of public domain library materials to the public as open data. More specifically, this concerns the consultation copies of those items from the KU Leuven Libraries collection that date from before 1901.

Everyone interested may download and freely use these images.

## Guidelines

› Check the judicial status of a collection item in the [Limo](#) description.

### KU Leuven BiblioTech 2023 Hackathon



Where humanities and data meet!

In March 2023, [KU Leuven Libraries](#), the [Faculty of Arts](#) and the [Humanities and Social Sciences Group](#) will organize a [hackathon](#). The objectives of this initiative are two-fold: firstly, to strengthen the digital humanities (DH) community at KU Leuven, and secondly, to put the library's rich digitized collections in the spotlight.

[Registration](#)

[Programme](#)

[Contact](#)

The screenshot shows the GitHub profile for KU Leuven Libraries. The header includes navigation links for Product, Solutions, Open Source, and Pricing, along with a search bar. The profile name is 'KU Leuven Libraries' with a bio: 'Documentary heritage related tools, code and data, ready for computational methods'. It lists 1 follower, is located in Flanders, and provides a website link and email address. Below the profile are tabs for Overview, Repositories (3), Projects, Packages, and People. The 'Popular repositories' section lists three public repositories: 'Portraits-Collection-Dataset' (4 stars, 2 forks), 'Welcome-to-KU-Libraries-OpenGLAM' (1 star, 1 fork), and 'Glass-Diapositives-Egyptology-Dataset' (4 stars, 1 fork).

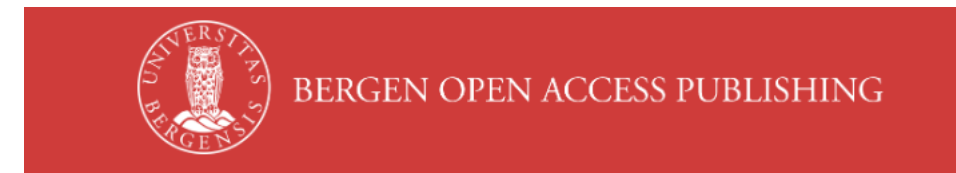
# provide infrastructure

MURAL - Maynooth University Research Archive Library

[MU Library](#) [Repository Policies](#) [Cite from MURAL](#) [MURAL Libguide](#)



The Iowa State University Digital Press, a unit of the Iowa State University Library, aims to publish high quality scholarship in areas reflected in Iowa State's curricular and research offerings, tell stories of Iowa and the Midwest, and diversify the voices in the scholarly record.





# finance infrastructure

for example: two-pronged approach in Leuven

1. some budget exclusively reserved for mission-aligned initiatives <[www.kuleuven.be/open-science/fairoafund](http://www.kuleuven.be/open-science/fairoafund)>
2. specific libraries in the network that are willing and able, redirect discipline-specific collection budget for the same

financial support for OS initiatives and grants for OA books published by Leuven University Press

- not only publications, but all kinds of open scholarship infrastructure
- focus on collective funding (e.g. Diamond OA programs) beyond the level of individual articles/books/authors

inspired by the principles set out by the Fair Open Access Alliance

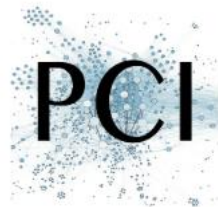
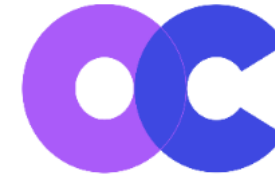
- transparent ownership structure
- controlled by the scholarly community
- copyright retention
- any fees paid are low, transparent, and in proportion to the work carried out

# examples: OA journals and publishers



currently support for 30+ mission-aligned OS publishers, infrastructures and initiatives

# examples: Open Scholarship infrastructure



currently support for 30+  
mission-aligned OS  
publishers, infrastructures  
and initiatives



# finance infrastructure

redirect library budget: shift from spending on product to spending on production cost

BUT also

- stimulate the development of innovative, mission-aligned, and community-led initiatives
- encourage the diversity of business models in the market of academic publishing





# finance infrastructure

## reverse investment priorities

all too often: investing in for-profit approaches to Open Science comes first, investing in other approaches only happens when there is money left over

should be: invest first in cost-effective approaches that respect the values and independence of researchers, and only then consider costly approaches that do not share scholarly values and erode academic freedom

in other words: stop being “wallets with a serious case of Stockholm Syndrom”

in other words: stop playing the victim and become an architect

# references

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