



2024 State of Open Infrastructure

**Trends in characteristics,
funding, governance,
adoption, and policy**



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Report objectives

Raise the profile of
open
infrastructure

Illuminate
patterns in funding

Establish a
baseline of
information

Investigate
selected topics

Identify possible
courses of action



Topics:

- Characteristics of selected open infrastructures*
- **The state of open infrastructure grant funding**
- Open infrastructure governance
- Trends in open infrastructure performance and adoption
- Regional policy developments
- The influence of procurement and IT governance on the adoption of open infrastructure
- Future signals



*<https://infracfinder.investinopen.org/>



Invest in Open
Infrastructure

2024 State of Open Infrastructure: Grant funding



Methods:

- Target open infrastructures (OIs) in Infra Finder
- Target selected funders
- Use funder-reported data + openAIRE
- Review for relevance
- Deduplicate records
- Categorize funded activities
- Convert currency to USD
- Add information (solution category)



TL; DR

There is much to explore in this dataset!

Two takeaways for today:

- Open infrastructures are named explicitly in many grants that do not support them directly.
- Funders prefer to support innovation over operations.

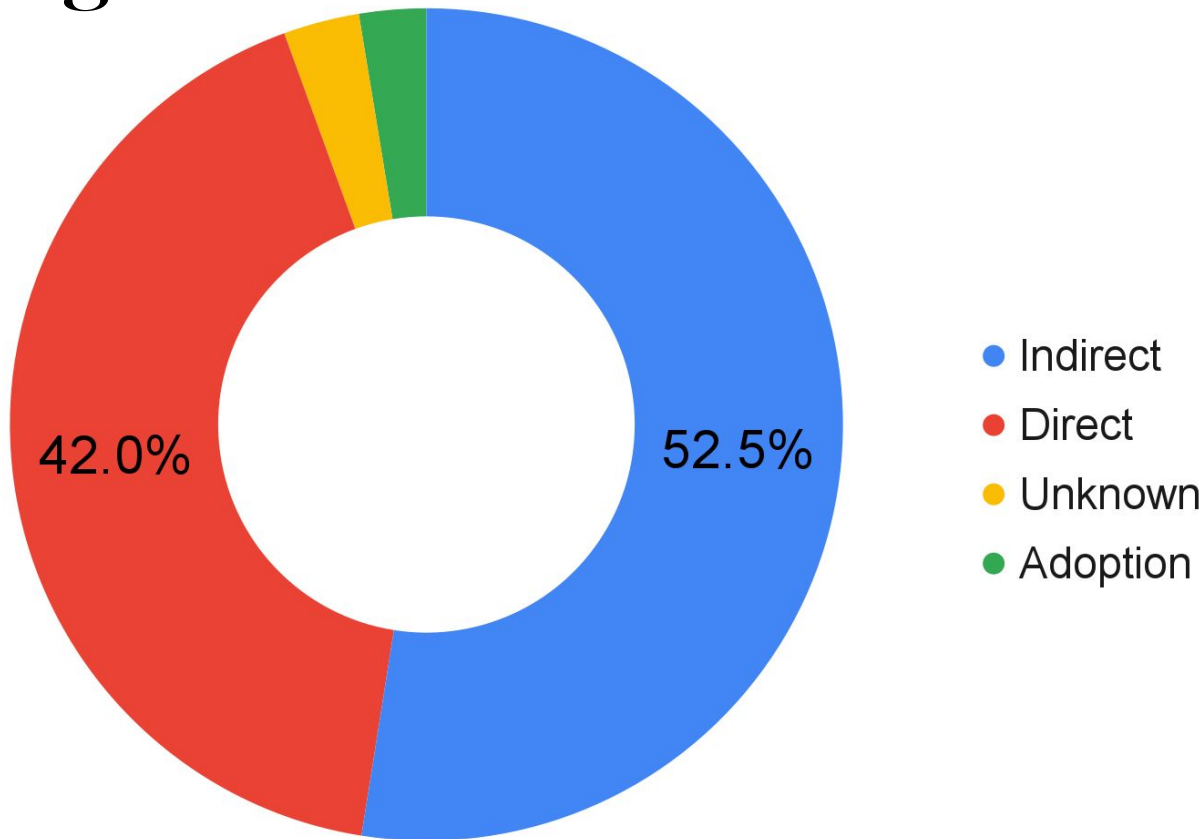


Total funding:

	All awards	Direct support	Indirect support	Adoption support
Total funding (USD)	\$416M	\$174M	\$218M	\$11M
Award count	514	149	284	40
Funder count	23	20	14	8
OI count	36	30	26	9



Total funding:





Indirect support (USE):

“Results will be disseminated in peer-reviewed publications and on **arxiv.org**.”

“All materials will be released under **Creative Commons** licenses...”

“Data will be archived and made publically available through **Dryad** Digital Repository and GenBank, as appropriate.”



Indirect support (ADJACENT):

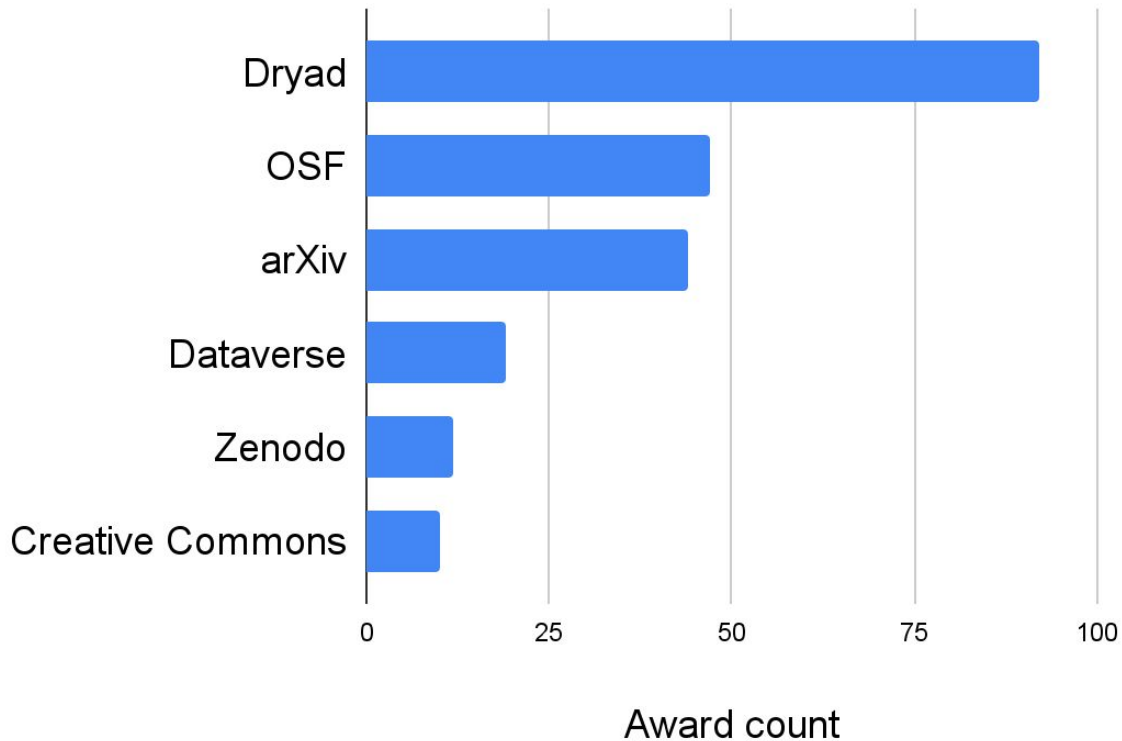
“...will build upon existing identifier infrastructure such as IGSNs (Global Sample Number;) and ARKs (Archival Resource Keys)...”

“We are building... a mobile app that transforms existing IIIF-compliant digitized archival materials for interaction in augmented reality.”

“The first project deploys social network analysis and natural language processing (NLP) techniques to measure international influence... using a database called OpenAlex.”

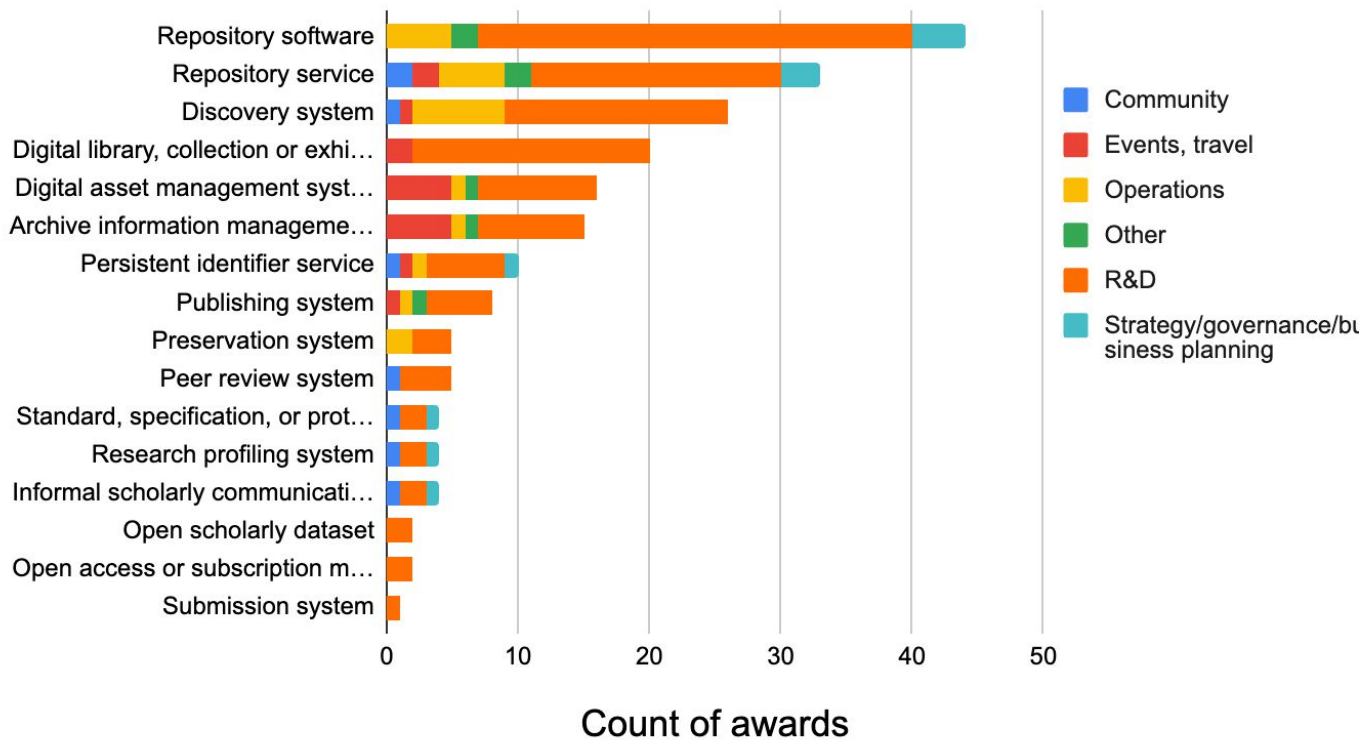


Indirect support:





What about direct support?

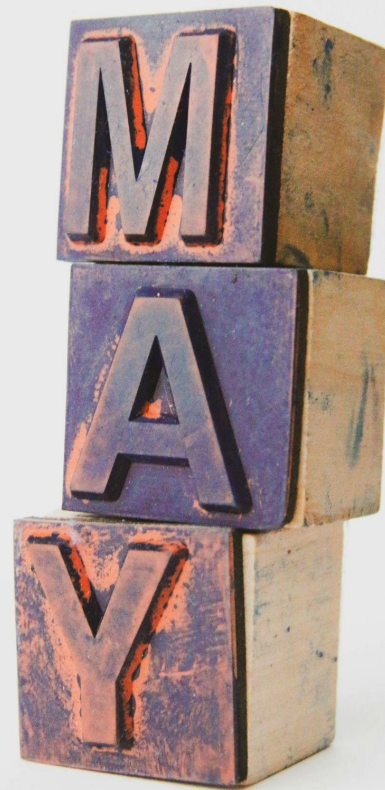




What's next?

- Publish end of May, 2024
- Series of community conversations, one per chapter

Sign up to stay informed!





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Thank you!



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