



Invest in Open  
Infrastructure

# Infra Finder: Increasing visibility of open technologies for open science

**FOSDEM**

Open Research Track  
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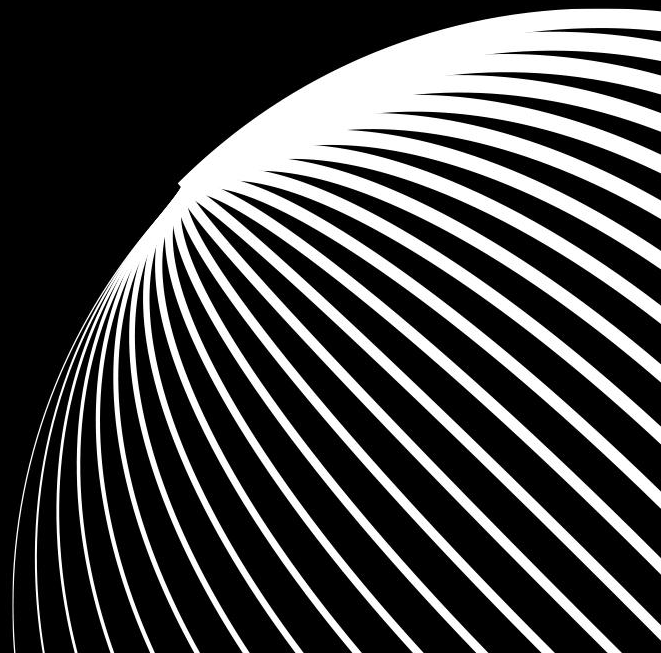
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**We work to increase the investment in and adoption of open infrastructure to further equitable access and participation to research.**



For open knowledge to flourish, our systems need to be similarly designed. Our work seeks to advance a vision where open infrastructure is the default in research and scholarship.





# Our approach



## We employ a research-driven approach

to guide strategies and action designed to increase adoption of and investment in open infrastructure.



## We provide resources and analysis

to help funders and budget holders assess, evaluate, and make investment decisions about open infrastructure.



## We pilot solutions and coordinate stakeholders

to increase the sustainability of the sector, to further a shared agenda for making open infrastructure the default in research

# What this looks like in practice



## **Catalyzing Investment:**

- Increase the amount of funding and diversity of those investing in open infrastructure to ensure we're building towards a healthy, resilient, sustainable future for research and scholarship

## **Strategic Support:**

- Tailored engagement with providers, funders, and institutions to implement IOI research recommendations and further adoption of open infrastructure

## **Data Room:**

- Actionable and accessible research and strategy offerings that institutions and funders can use and rely upon to guide their investment



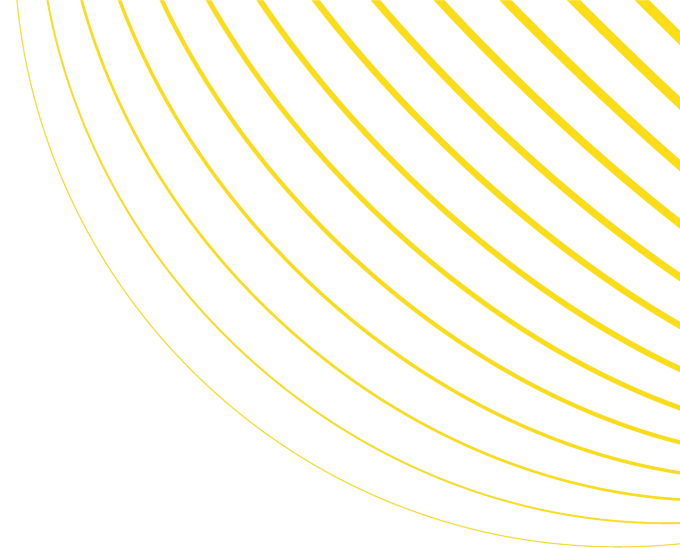
**Open infrastructure can advance open values, is customizable, and can be adapted as needs grow.**

**How can we increase the adoption of open infrastructure?**





# Target audience: Institutional decision makers





# The considerations

Finding the “right” infrastructure is a hard and slow process

We discovered information related to pragmatism matters most overall.

**This includes anything related to:**

- **Costs**
  - How much will this cost me in labor, time, and money to install, maintain, and upgrade the infrastructure?
- **De-risking the purchase**
- **Dependencies and interoperability**
  - What else does this thing need to run?
  - Will this work with other systems installed at my org?
- **Can this infrastructure further the aim of “openness,” which includes equitable access?**



# The problem

Finding the  
“right”  
infrastructure is a  
hard and slow  
process

**Scattered information** across various parts of infrastructure websites and fora

**Different requirements and needs** for different institutions and stakeholders

**Time consuming** to pull together comparisons to identify best options





# Introducing Infra Finder

Helping you navigate the complex landscape of infrastructure services and standards enabling open research and scholarship



## Up-to-date, verified information

IOI works closely with infrastructure service providers to keep Infra Finder up to date



## Key information in a centralized location

Infra Finder showcases extensive information on the common areas of consideration for institutions and stakeholders



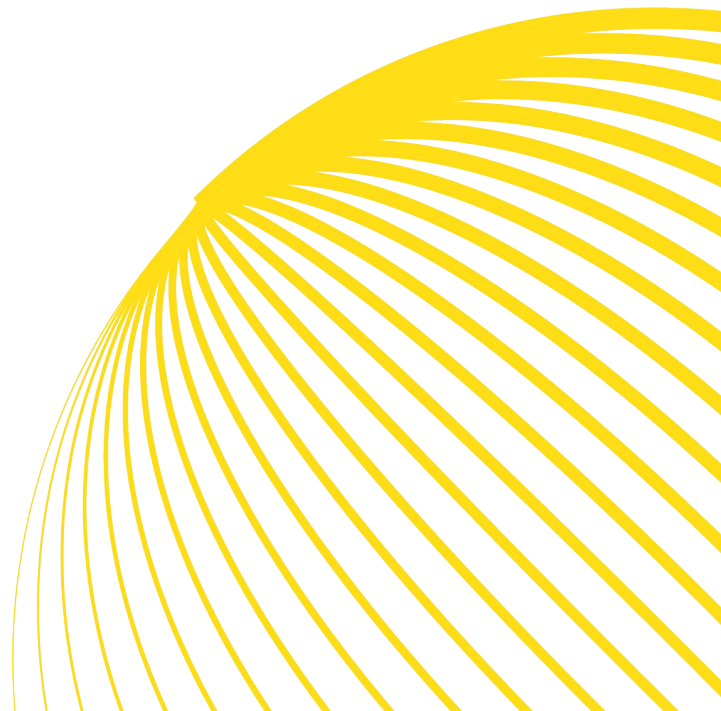
## An easy-to-use comparison view

You can compare up to three infrastructure services side-by-side, with links to more detailed information.



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# Designs & prototype





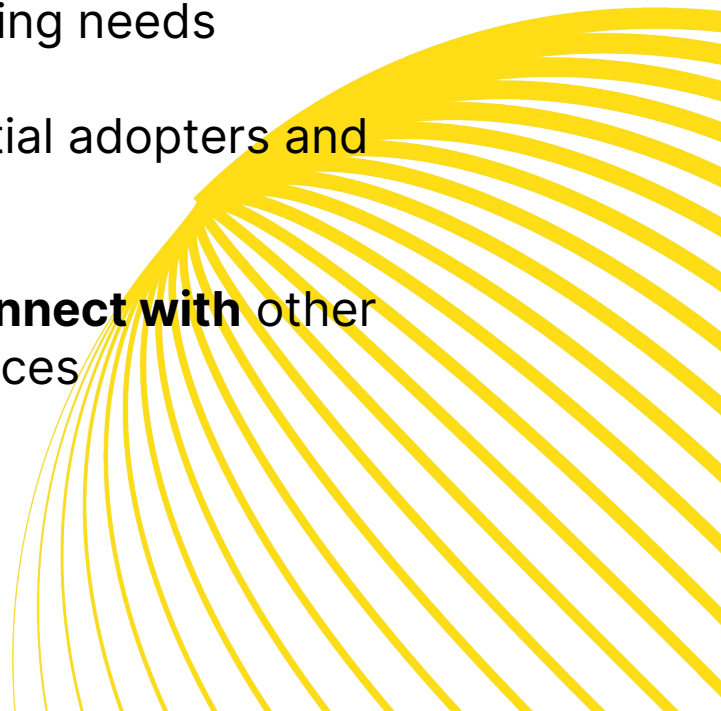
# What's in it for you?



**Showcase** your key achievements, highlight your funding needs

**Reach** more potential adopters and funders

**Learn from and connect with** other infrastructure services





# Add your service to Infra Finder

**Complete our Expression of Interest form**

<https://investinopen.org/add-an-infrastructure-to-infra-finder/>

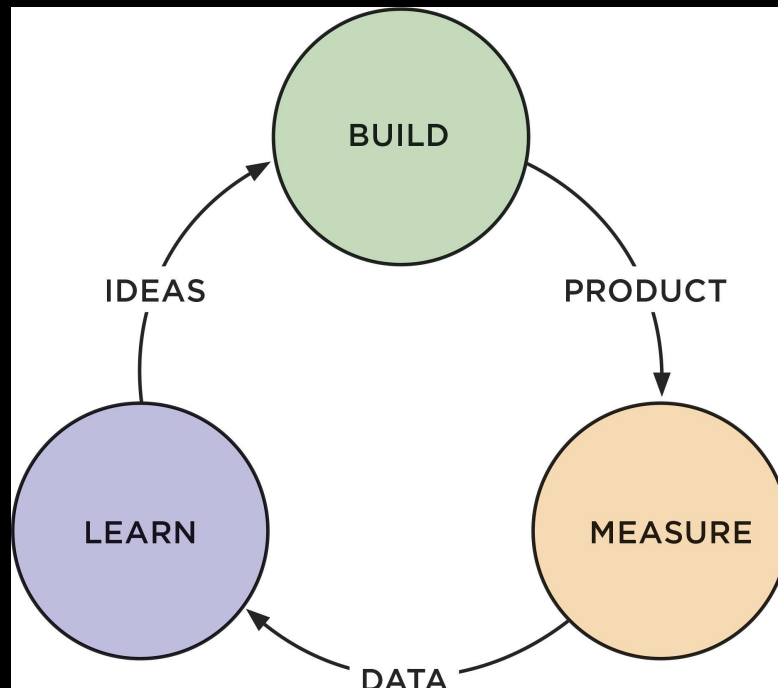




# Next steps

This is a beginning –  
not a final nor the end.

**First release in a few months  
time** - we'd love to start and  
continue the conversation here!



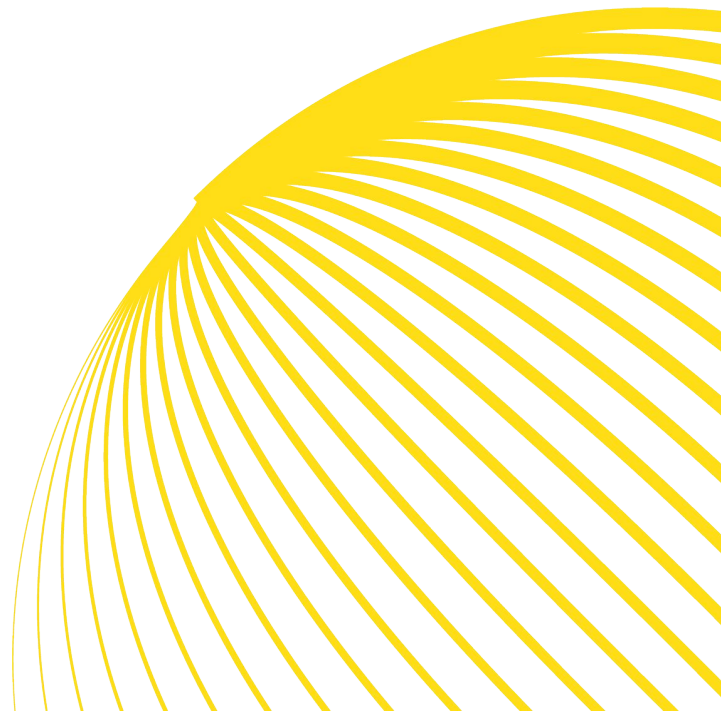


# Let's talk: How to ask about “Interoperability”

**Users want to know** if your technology will work with the other things they have running.

**The answer** isn't always “just use our API.”

**How can we ask about integration and interoperability** in a way that answers user questions: “Does your thing plug into my situation — and will everything work once it does?”



# Thank you!

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/newsletter](https://share.investinopen.org/newsletter)



Send us an email -  
[infra-finder@investinopen.org](mailto:infra-finder@investinopen.org)





# What do we mean by open infrastructure?

Open infrastructure is a spectrum, rather than a binary.

**A service, protocol, standard or software that the academic ecosystem needs in order to perform its functions throughout the research lifecycle.**

We prioritize services that meet **one or more** of the following criteria:

- Meets the definition of [open source software \(OSS\)](#);
- Primarily or exclusively distributes openly licensed (open access) content;
- Is free to use by anyone (free of charge or other restrictions);
- Is community-governed and is transparent in its operations and finances;
- Is operated by a non-profit or non-commercial entity.

We prioritize services, projects, or tools that are designed to be widely used.