DataCite

CONNECTING RESEARCH,
IDENTIFYING KNOWLEDGE

DataCite
Open By Design

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27 June 2022

Better Together: Open new possibilities with Open Infrastructure

Crossref/DataCite/ORCID joint webinar series for APAC community

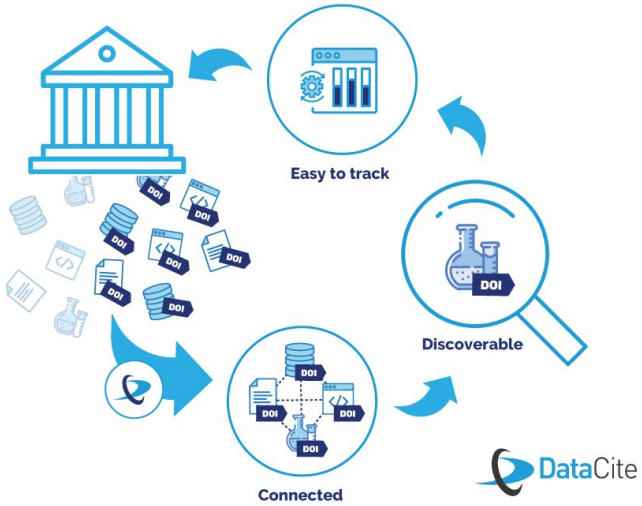
@datacite

CC BY

About DataCite

Global non-profit membership organization working with 2600+ repositories in the world to provide DOIs for data and other research outputs.

https://datacite.org/



Our Community

DataCite

2600+
Repositories

276
Members

50
Countries

35m+
DOIs

1000+
Organizations

Updated: June 2022

Our Community

DataCite is a community led organization that is open to participation from members around the world.

- Our vision at DataCite is **Connecting Research, Identifying Knowledge**
- A global community that is mission and goal oriented
- The strength of DataCite is in its active community membership!

Open Infrastructure

... the core elements that enable the creation of tools and services used by researchers, must be available to everyone, with no barriers to access.

- Community governance
- Sustainability
- Insurance / Trust
- Value
- Interoperability
- Equity

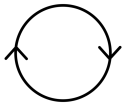
https://doi.org/10.1002/leap.1361

POSI

Bilder G, Lin J, Neylon C (2020), The Principles of Open Scholarly Infrastructure, retrieved June 2022, https://doi.org/10.24343/C34W2H

DataCite has conducted an audit against the POSI and would like to affirm our commitment to uphold these principles.

Governance



Sustainability

Insurance

Governance	
	Coverage across the research enterprise
	Stakeholder Governed
	Non-discriminatory membership
	Transparent operations
	Cannot lobby
	Living will
	Formal incentives to fulfil mission & wind-down

Sustainability	
	Time-limited funds are used only for time-limited activities
	Goal to generate surplus
	Goal to create contingency fund to support operations for 12 months
	Mission-consistent revenue generation
	Revenue based on services, not data

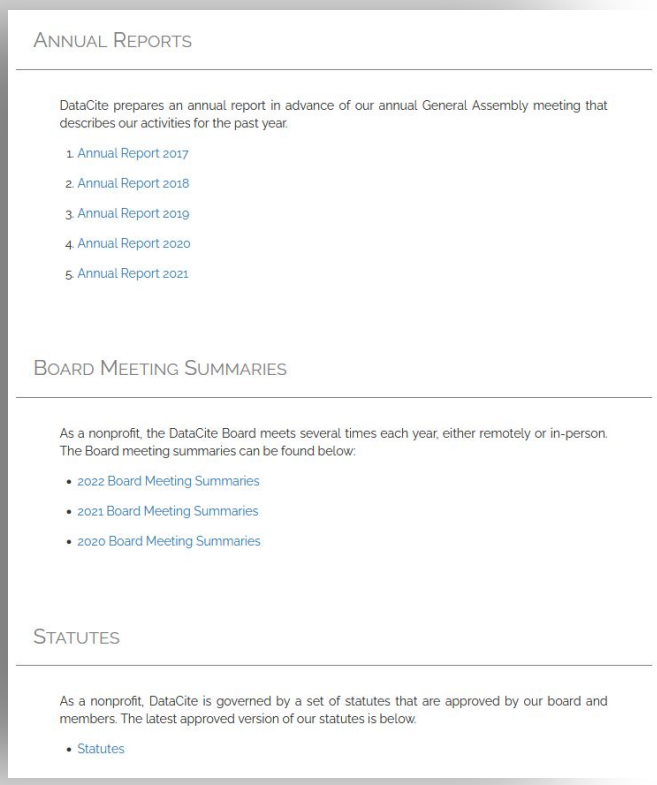
Insurance	
	Open source
	Open data (within constraints of privacy laws)
	Available data (within constraints of privacy laws)
	Patent non-assertion

https://doi.org/10.5438/vy7h-g464

Community Governance

DataCite facilitates open participation by involving interested community members in governance.

- DataCite members
- Executive Board
- Service and Technology Steering Group
  - Re3data Working group
  - Metadata Working group
- Community Engagement Steering Group
  - Asia and Pacific (APAC)
  - Europe, Middle East, and Africa (EMEA)
  - The Americas



Annual Reports

DataCite prepares an annual report in advance of our annual General Assembly meeting that describes our activities for the past year.

1. Annual Report 2017
2. Annual Report 2018
3. Annual Report 2019
4. Annual Report 2020
5. Annual Report 2021

Board Meeting Summaries

As a nonprofit, the DataCite Board meets several times each year, either remotely or in-person. The Board meeting summaries can be found below:

- 2022 Board Meeting Summaries
- 2021 Board Meeting Summaries
- 2020 Board Meeting Summaries

Statutes

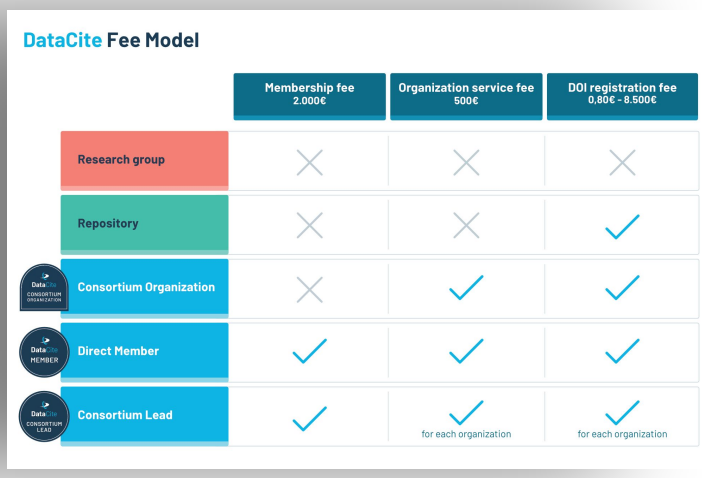
As a nonprofit, DataCite is governed by a set of statutes that are approved by our board and members. The latest approved version of our statutes is below.

- Statutes

https://datacite.org/governance.html

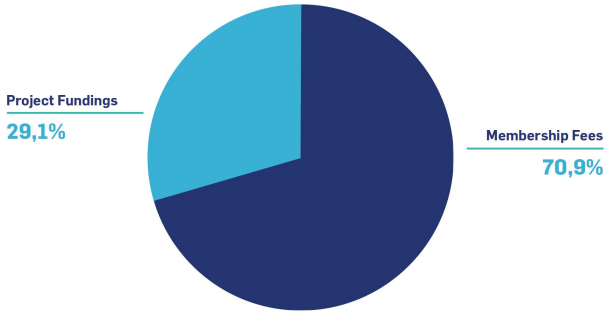
Long-term Sustainability

- DataCite is sustainable through membership and service fees
- Fee model principles:
  - Predictability
  - Scalability
  - Sustainability
  - Simplicity
  - Inclusivity
- Tiered memberships
  - Consortium member
  - Direct Member

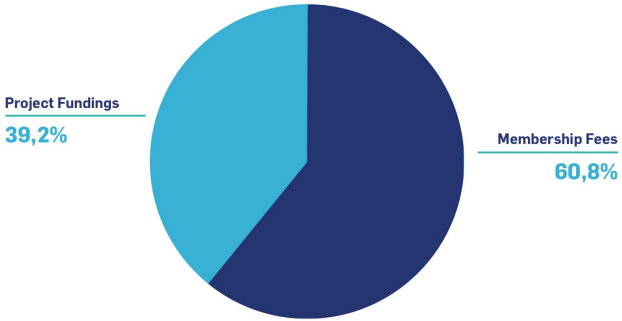


https://datacite.org/feemodel.html

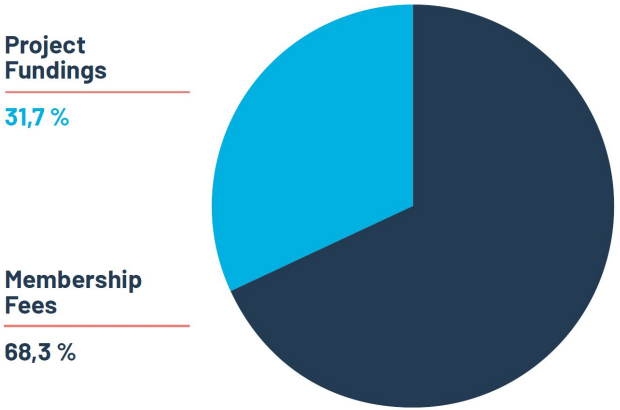
Long-term Sustainability



2019



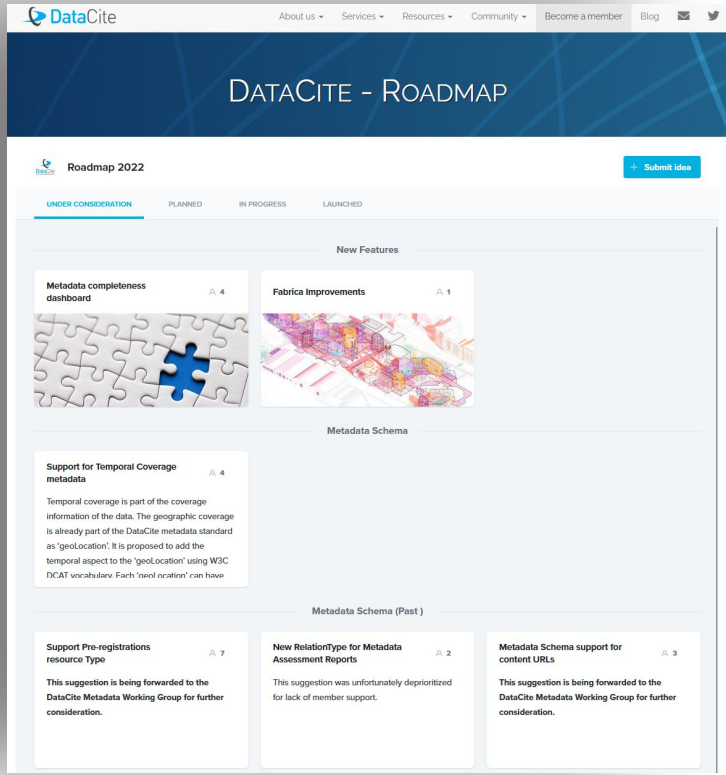
2020



2021

Build Trust with Insurance

- CC0 license for all DOIs and deposited metadata in our database
- Open source and fully permissible MIT License for all DataCite code and software
- Transparent development roadmap and prioritization
- Open and transparent governance structures



https://datacite.org/roadmap.html

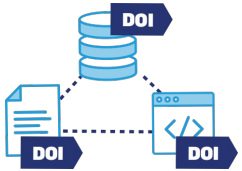
Our Value

Registering DataCite DOIs makes your research outputs discoverable.

· A DOI makes your research outputs uniquely identifiable.

· Metadata that you register with DataCite is in a central location, harvestable by anyone.

· Metadata for our Members' research outputs appear in other search engines.



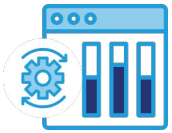
DataCite services make it easy to follow best practices.

· We make research data management easy: you register your first DOI in less than 1 minute.

· DataCite DOIs and metadata help you make your research FAIR.

· We connect you to the DataCite Member community, which is full of passionate people who share experience and continue to support best practice.

· Our metadata schema is extensive and has been adopted by other PID service providers globally.



DataCite services help you track and report on your research.

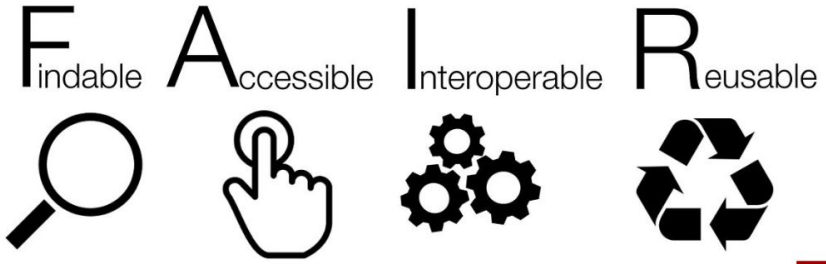
· A DOI enables easy tracking of your research outputs through simple user interfaces.

· DataCite services make institutional reporting simple.

· DataCite services support data citation and usage analytics

Contributing to Interoperability

DataCite



SCHOLIX

schema.org

Equitable Access

Open source code, open APIs and open metadata enable different stakeholders to use the DataCite infrastructure

- Repository platform - integrate with the API to provide DOI registration functionality
- Harvester- use OAI PMH to ingest DataCite metadata
- Research institution - obtain metrics for my different research output
- Developer - reuse the DataCite code

276

Members

1 member = 1 vote

DataCite

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IDENTIFYING KNOWLEDGE

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pidforum.org

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