

Working with DataCite



Helena Cousijn, PhD
8th of December 2021

About DataCite

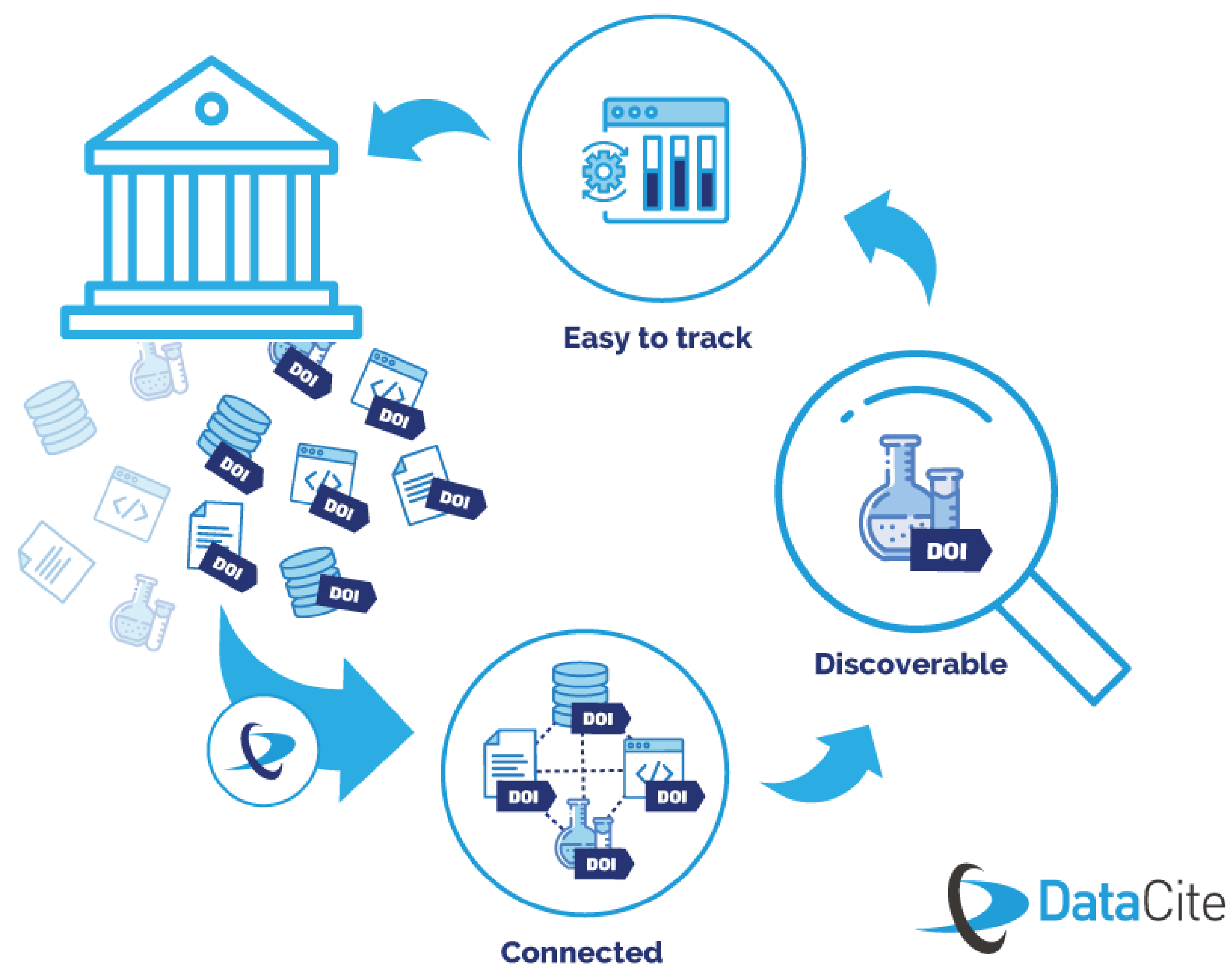


Global non-profit membership organization working with 2200+ repositories around the world to provide DOIs for data and other research outputs.

<https://datacite.org/>

**Connecting research,
identifying knowledge**

What we do



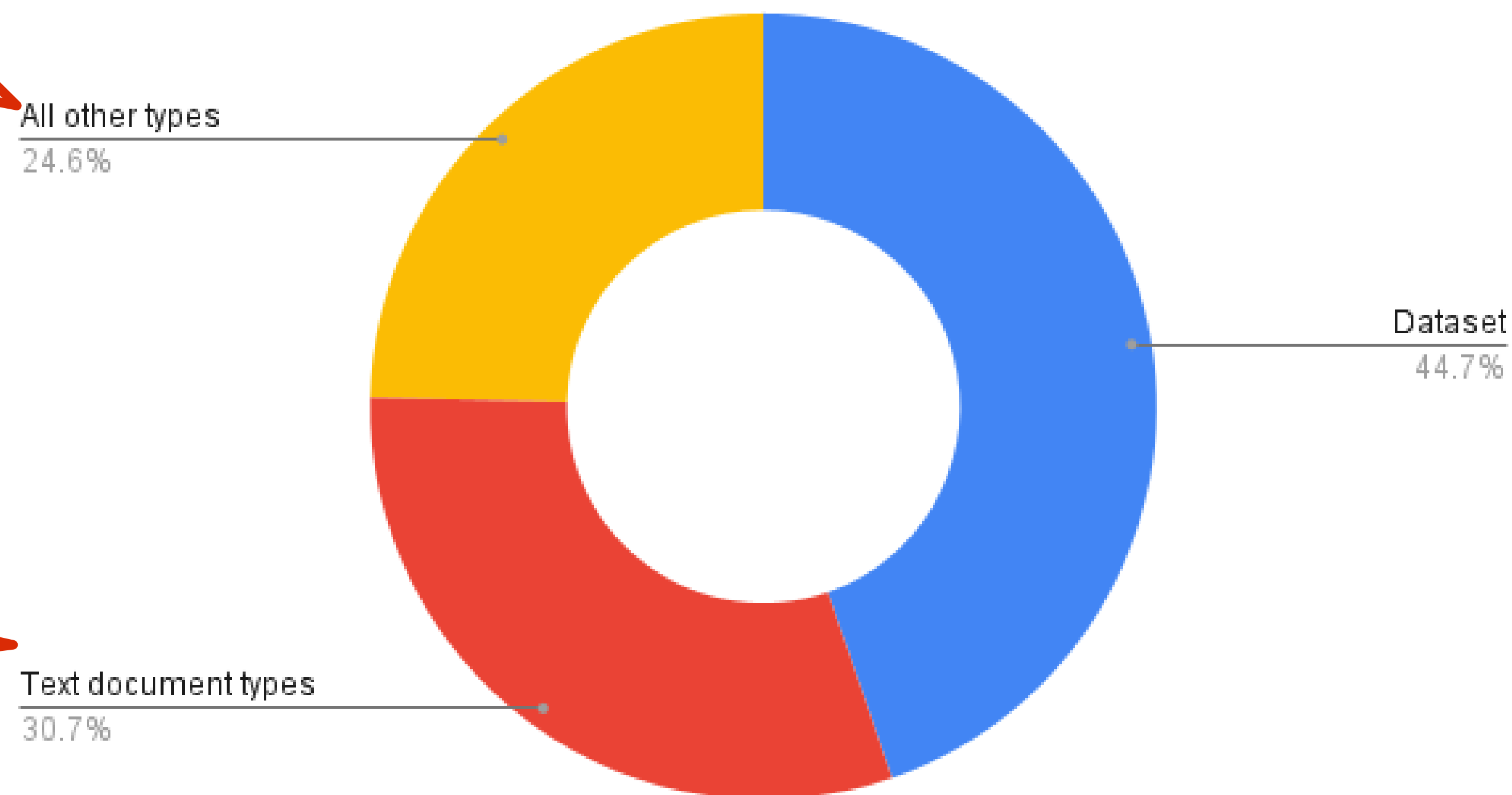
Can I register a DOI for that?

In most cases, yes!

Audiovisual, Collection,
ComputationalNotebook, **Event, Image,**
InteractiveResource, Model,
OutputManagementPlan, PeerReview,
PhysicalObject, Service, Software,
Sound, Workflow, Other

Book, BookChapter,
ConferencePaper,
ConferenceProceeding, DataPaper,
Dissertation, Journal, JournalArticle,
Preprint, Report, Standard, Text

DataCite DOIs by resource type

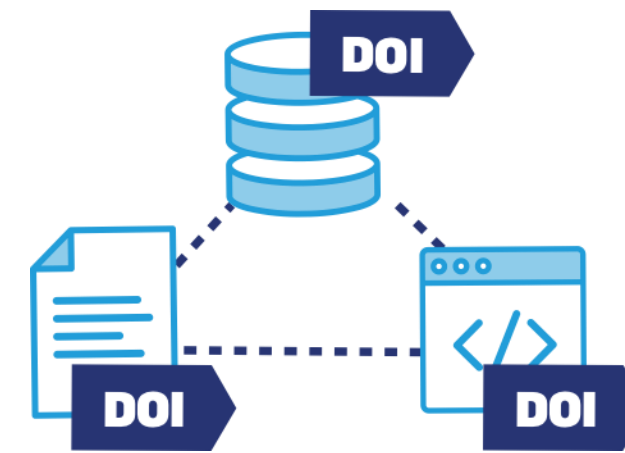


Our value



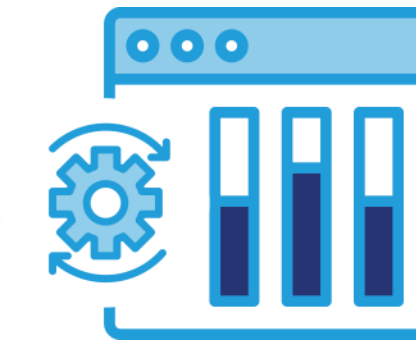
Registering DataCite DOIs makes your research outputs discoverable.

- 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.



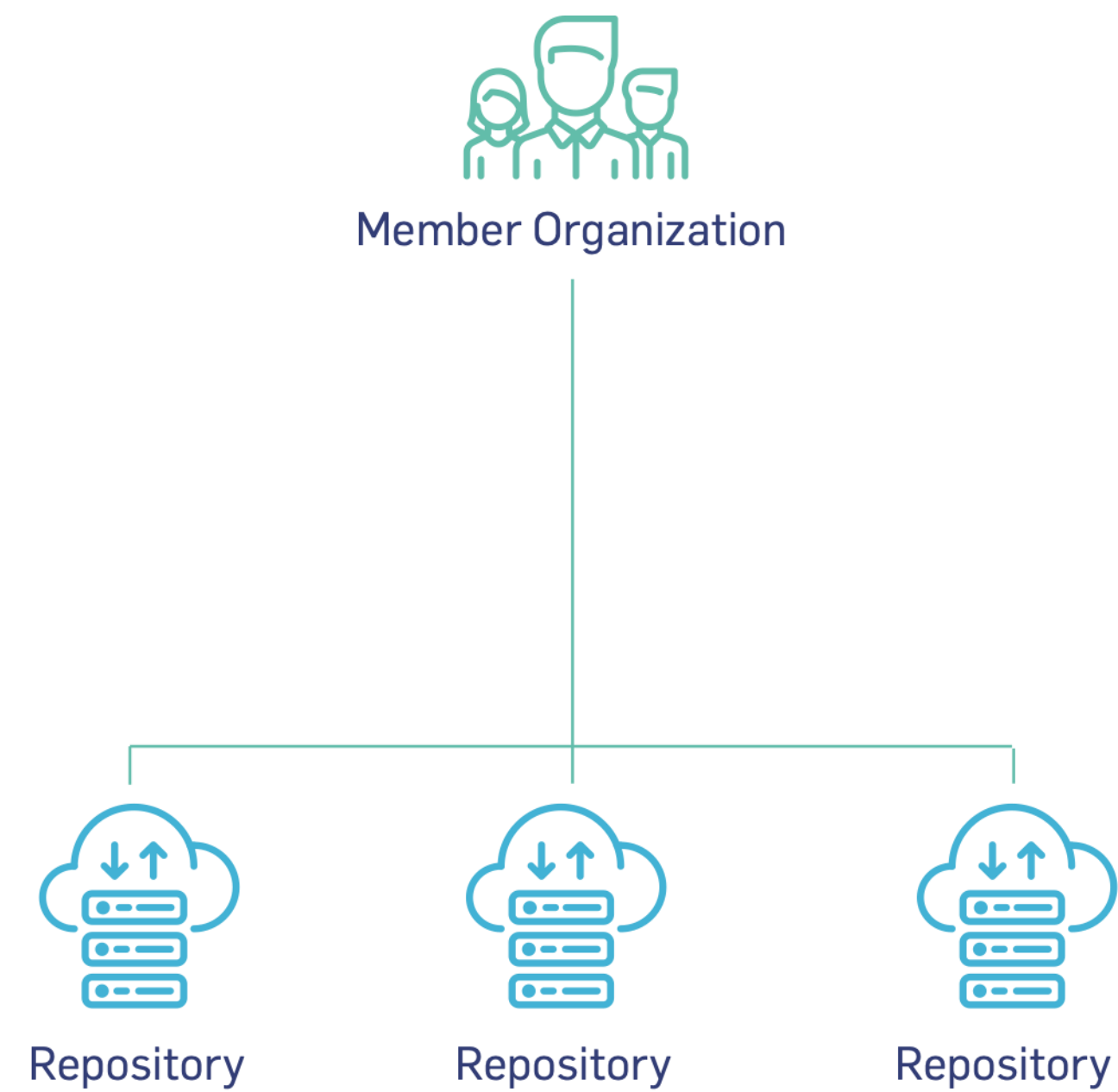
DataCite services help you track and report on your research.

- 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

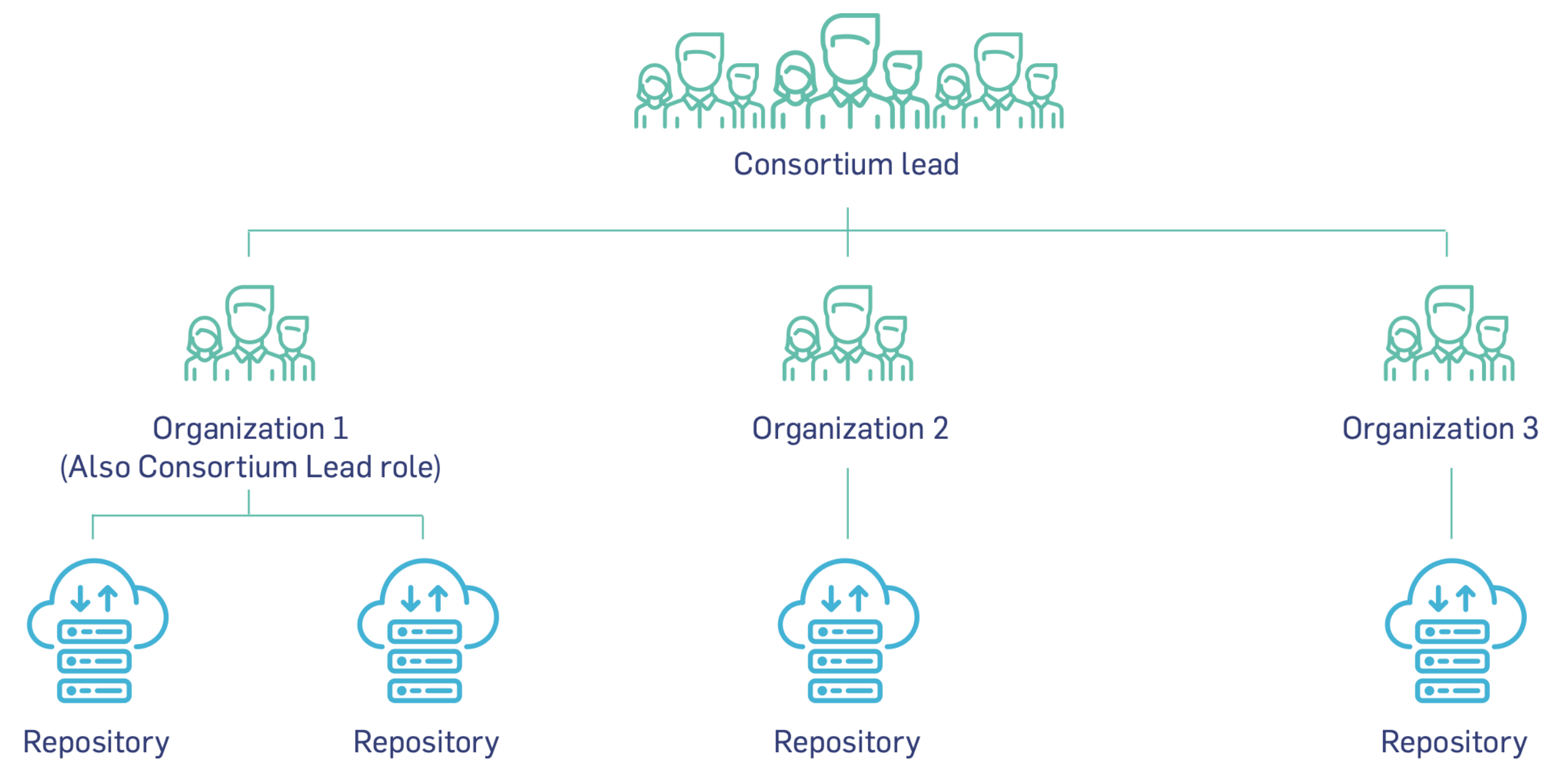
DataCite Membership



Direct Membership



Consortium Membership



Our community



2200+
Repositories

245
Members

48
Countries

25m+
DOIs

1000+
Organizations

DOI registration **through Service Providers**

Create and Manage DOIs



DataCite membership allows you to create and manage DOIs for all of your repositories. You can do this through:

- Our primary REST API that supports JSON and enables automated DOI registration
- Our manual interface that enables you to register DOIs in less than a minute.
- Registered DataCite Service providers that provide a platform where you can register DOIs.



DataCite Service Providers Program



- Launched in Fall 2020
- Goal: Support both repositories & developers in adopting/implementing DOI best practices
- Service provider = organization that builds/supports systems used by other organizations to register DOIs using DataCite APIs
 - Repository/CRIS platform developers/providers, custom software developers, etc

Program requirements



- Integrate Datacite API(s) into system in order to allow DataCite Members to register DOIs according to [best practices](#)
- Provide documentation & first-line support to users, escalating to DataCite support when necessary

Benefits for members



- High-quality DOI registration integrations with good support and documentation
- Consistency among DOI registration integrations (similar user experience)
- Assurance that system developers/providers are active participants in the DataCite community and are working with DataCite to ensure that changes/new features are in the best interest of users/customers

Benefits for service providers



- Listing in the [DataCite Service Provider directory](#)
- Service Provider badge to display on the website
- Quarterly calls to can learn about and provide input on upcoming DataCite features/changes, and discuss best practices with other Service Providers
- Additional opportunities to participate in focus groups, solution validation, etc with our product team



Current service providers

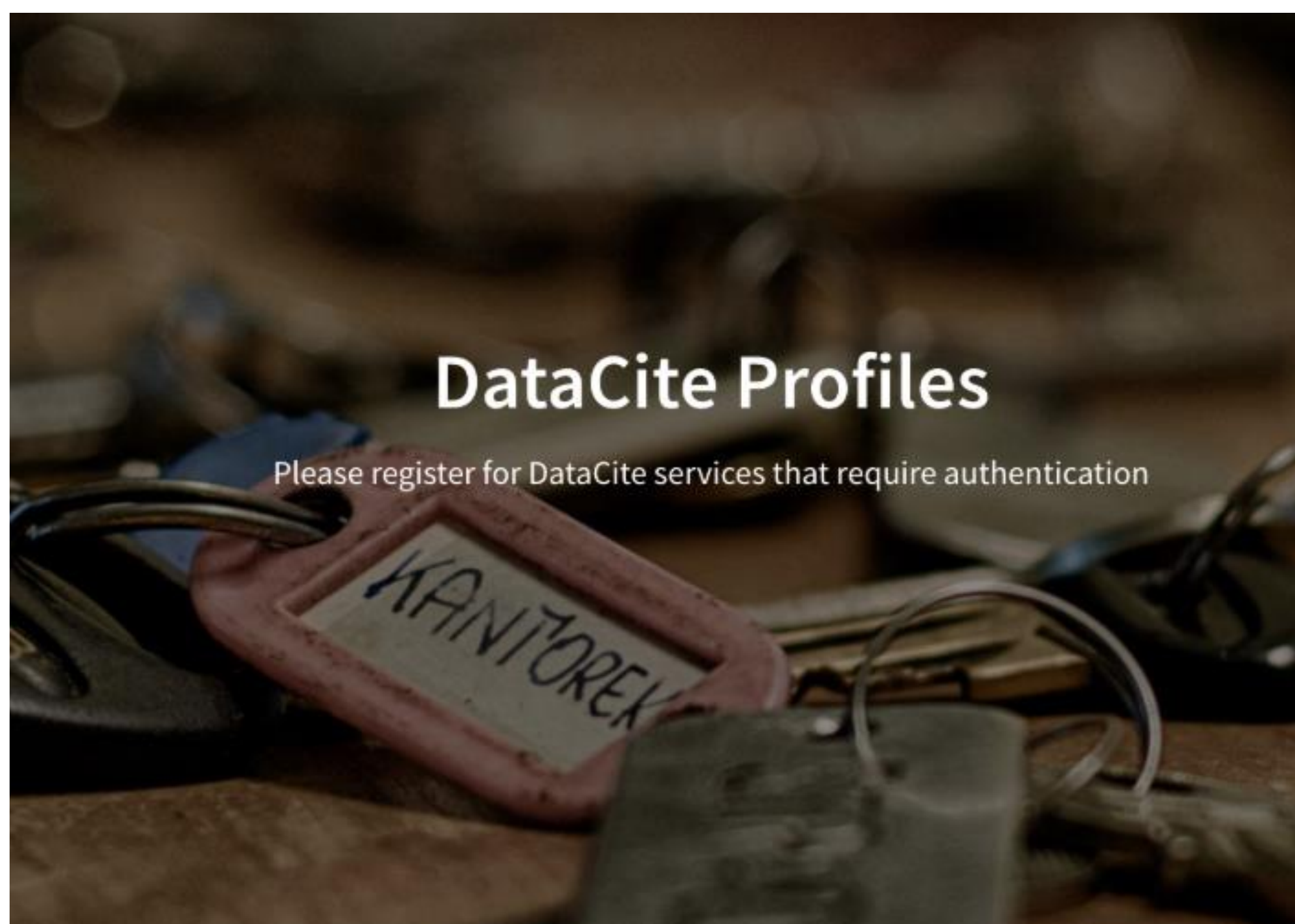


DataCite **Integration with ORCID**

Two methods

- 1. Using the Search and Link wizard within your ORCID profile, you can enable Auto-update so that all future outputs with a DOI and your ORCID in the metadata are automatically added to your record.**
- 2. Within DataCite Commons, you can find works that you'd like to add to your ORCID profile and claim those**

DataCite profiles



Support Martin Fenner ▾

- ⚙ Settings
- 📁 Works
- 🔗 ORCID Record

globus Globus Account Log In

Log in to use Profiles Production



Use your existing organizational login
e.g., university, national lab, facility, project

Look-up your organization... ▾

Didn't find your organization? Then use [Globus ID to sign in.](#) ([What's this?](#))

Continue

Or

 Sign in with Google  Sign in with ORCID iD

<https://profiles.datacite.org/>

Method 1

✓ Works (0)

⊕ Add ≡ Sort

Search & link

Add DOI

Add PubMed ID

Add BibTeX

Add manually

Feedback

Add your research outputs such as publications, data sets, conference presentations and more.
[Learn more about adding works to your ORCID record](#)

12,908,602 ORCID iDs and counting. [See more statistics](#)

<https://orcid.org/>

Method 1

Link works

Enables users to import metadata from Airiti, including journal papers, proceedings, dissertations, and books. Scholars can e... [Show more](#)

BASE - Bielefeld Academic Search Engine

BASE is one of the world's most voluminous academic search engines. It searches metadata about more than 100 million document... [Show more](#)

Crossref Metadata Search

Import your publications from Crossref's authoritative, publisher-supplied metadata on over 70 million scholarly journal and ... [Show more](#)

DOE / OSTI

Search over 3 million energy and basic science research result records from the US Department of Energy (DOE) and predecessor... [Show more](#)

DataCite

Enable the DataCite Search & Link and Auto-Update services. Search the DataCite Metadata Store to find your research datasets... [Show more](#)

Deutsche Nationalbibliothek (DNB)

Search the catalogue of the German National Library (DNB) by your name and link your publications to your ORCID record. The G... [Show more](#)

Europe PubMed Central

Method 1



Authorize access

You are currently signed in as:


Lizbert Jane


<https://orcid.org/0000-0001-5156-1535>


[Sign out](#)

[DataCite](#) ?

has asked for the following access to your ORCID record:

 Add/update your research activities (works, affiliations, etc)

 Add/update other information about you (country, keywords, etc.)

 Read your information with visibility set to Trusted Organizations

Authorize access

[Deny access](#)

If authorized, this organization will have access to your ORCID record, as outlined above and described in further detail in [ORCID's privacy policy](#).

You can manage access permissions for this and other Trusted Organizations in your [account settings](#).

DataCite Profiles

[Support](#)

Lizbert Jane ▾

Settings

ORCID ID <https://orcid.org/0000-0001-5156-1535>
Name Lizbert Jane

Record is public
Auto-Update is enabled

Role User

ORCID Permissions Get ORCID token to allow DataCite to update your ORCID record.

[id](#) | [Get ORCID Token](#)

GitHub Permissions Get GitHub token to allow DataCite to link your ORCID and GitHub accounts.

 [Get GitHub Token](#)

[Update](#)

Method 1



ORCID token successfully refreshed.

DataCite Profiles

Support Lizbert Jane ▾

Settings

ORCID ID <https://orcid.org/0000-0001-5156-1535>
Name Lizbert Jane

Record is public
Auto-Update is enabled

Role User

ORCID Permissions Delete ORCID token to no longer allow DataCite to update your ORCID record.

ID | Delete ORCID Token

ORCID Claims 0 created 0 deleted 0 queued 0 failed

Method 2



← → ↻ commons.datacite.org/doi.org?query=helena+cousijn

Google Dataset Search Webinar - everything you always wanted to know about Google Dataset Search

Natasha Noy, [Helena Cousijn](#), Mary Hirsch & Martin Fenner
Version 1.0 of Content published 2018 in [DataCite Blog](#)

DataCite Blog

DOI registered December 12, 2018 via DataCite.

🗨 1 Citation

Text **ID Claimed**

doi <https://doi.org/10.5438/4sdj-hf49>

Counting reuse to Make Data Count

Scientific Data & Helena Cousijn
Dataset published 2019 in [figshare Academic Research System](#)

20 minute lightning talk presentation given by Helena Cousijn, from Datacite, at the Better Science through Better Data 2018 event. The video recording, slides and scribe are included.

DOI registered January 14, 2019 via DataCite.

CC BY

Dataset Electrical engineering, electronic engineering, information engineering

Computer and information sciences Political science

doi <https://doi.org/10.6084/m9.figshare.7571405>

FEEDBACK

<https://commons.datacite.org/>

Method 2

← → ↻ commons.datacite.org/doi.org/10.6084/m9.figshare.7571405

Creators

Scientific Data

Helena Cousijn

Download

Full Metadata

[DataCite XML](#)

[DataCite JSON](#)

[Schema.org JSON-LD](#)

Citation Metadata

[Citeproc JSON](#)

[BibTeX](#)

[RIS](#)

ORCID Claim

 [Claim DOI](#)



Share

 [Email](#)

 [Twitter](#)

 [Facebook](#)

Cite

APA ▼

Scientific Data, & Cousijn, H. (2019). *Counting reuse to Make Data Count* [Data set]. figshare.

<https://doi.org/10.6084/M9.FIGSHARE.7571405>

DataCite
& DICE

Project Summary



Consortium: 24 Partners
Coordinator: CINECA



Grant Agreement: 101017207
Call: INFRAEOSC-07-2020



30 months
(1 Jan 2021 – 30 Jun 2023)



**Enable a European storage
and data management infrastructure for EOSC**
**Provide generic services to store, find, access,
and process data in a consistent and persistent way**



Budget: € 6.997.706,66



**18 providers from 11 European countries are offering
14 state-of-the-art data management services
together with more than 50 PB of storage capacity**

- **14 services** covering the whole research data management lifecycle
- **>50 PB** of storage offered with the services
- Standard requests to be served within 2 weeks
- Support can be provided for customised solutions
- Request the services from the EOSC marketplace  **HERE**
- Ask for further information by email  **HERE**



Data Discovery

Making research data findable
Data source harvestable and to make data widely discoverable



Data Repository

Long-term data resources preservation and sharing
To store non-active FAIR data



Policies based Data Archive

Mid-long term data resources, accessible from computing facilities to store non-active research data
Value-added services (integrity checks, replications, ..) for long-term, stable data archives.



Data Archive

Mid term storage resources after/between projects, Accessible from computing facilities to store non-active research data, bitwise preservation



Personal and/or Project workspace

Mid-term storage during project,
Good connection to computing facilities,
To store active resource data

Join the EUDAT Consortium



Organizations joining through
DICE
↓
Institutional repositories

How to APPLY

What to do now:

- Find us in the EOSC marketplace: <https://marketplace.eosc-portal.eu/services/datacite-doi-registration-service/details>
- Indicate your interest by submitting the enquiry form: <https://datacite.org/membership-enquiry.html>
- DataCite will contact you to schedule a call in which we will set up your account

What to do after the project:

- The DICE project will end in June 2023
- DataCite will give you until the end of 2023 to evaluate your options
- EUDAT intends to continue the Consortium, the normal fees will apply
- Alternatively, you could apply for Direct Membership or transition to a different Consortium
- If you do not continue, your account will become inactive but your DOIs will continue to resolve.



Get in touch!



Email us:
info@datacite.org



Follow us:
[@datacite](https://twitter.com/datacite)



Talk to us:
pidforum.org



Read about us:
datacite.org



Get support:
support.datacite.org
support@datacite.org