



CONNECTING RESEARCH,
ADVANCING KNOWLEDGE

Connecting Research, Advancing Knowledge: DataCite Community Update 2025

Maria Gould, Director of Strategic Programs & Partnerships

24 November 2025

DataCite France Assemblée Générale



@datacite.org



[outline]

Instructions:

Regarding the DataCite presentation from 2:30 to 3:00, DataCite staff will be the only speakers. We can imagine 20 minutes for the presentation and 10 minutes for questions. I have attached the programme.

We believe it is important that this presentation highlights the topics DataCite will be focusing on in 2025, as well as the links between DataCite and other international identifiers such as ORCID, ROR, SWHID, RAID, IGSN, etc.

The seminar will be attended by representatives from the Ministry of Research, research infrastructures, research organisations and universities. Representatives from data repositories will also be present.

- Introduction to me / GCS team (3 minutes)
- Objectives & agenda (2 minutes)
- Status of DataCite in the global ecosystem (10 minutes)
 - Global membership (who's part of the community, who's using our services, for what use cases)
 - Metadata store (what we have)
 - Connections to other PIDs and integrations in other services (incl OpenAlex)
- Key areas of focus for DataCite in 2025/2026 (10 minutes)
 - Better metadata
 - Global adoption
 - Ecosystem integration
- Thank you / closing (1 minute)

Bonjour!



- Director of Strategic Programs & Partnerships
- Leadership of Global Community & Services Team
- Director of ROR (Research Organization Registry)

Global Community & Services Team



Maria Levchenko
Community Specialist



Mohamad Mostafa
Community Specialist



Paul Vierkant
Outreach Manager



Mary Hirsch
Support Manager



Kelly Stathis
Product Manager



Cody Ross
Product Manager

Areas of focus

- Membership growth and member support
- Product and service development
- Community outreach and engagement
- Strategic partnerships

Our values and approach

- Community-driven
- Open and transparent
- Iterative

Outline



- DataCite overview
- DataCite in global research infrastructure
- Key areas of focus for 2025-2026

DataCite overview

Who we are and what we do



Community-
supported
open
infrastructure
for research
organizations



Global
coverage and
participation



Flexible and scalable
DOI services for all
research outputs,
resources, and
activities



Tools and services
for integrating,
connecting, and
retrieving DOI
metadata

By the numbers



1700+

Organizations



66

Countries



105m+

DOIs



670m+

**Resolutions in
2025**

Usage pathways



Join as an organizational member or via an existing member consortium



Connect systems to DataCite's APIs or work with an existing service provider



Explore and retrieve metadata directly or via a downstream service



Contribute user feedback and participate in community groups and discussions

DataCite in global research infrastructure

DataCite metadata journey



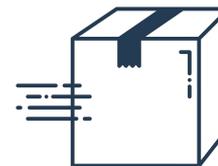
Research organizations provide metadata to DataCite and register DOIs for their outputs, resources, and activities



DataCite stores and processes the metadata and establishes connections across outputs and activities using PIDs

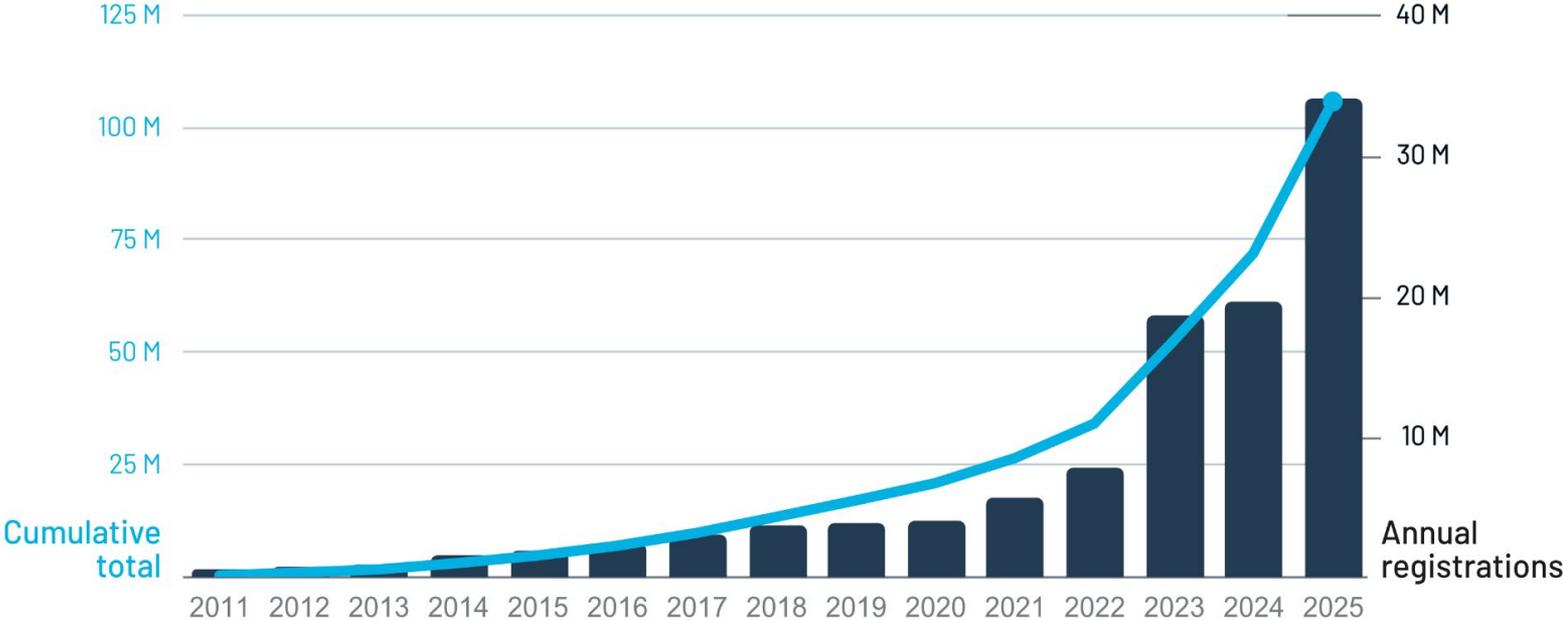


Metadata is made openly available through DataCite APIs, data files, and interfaces

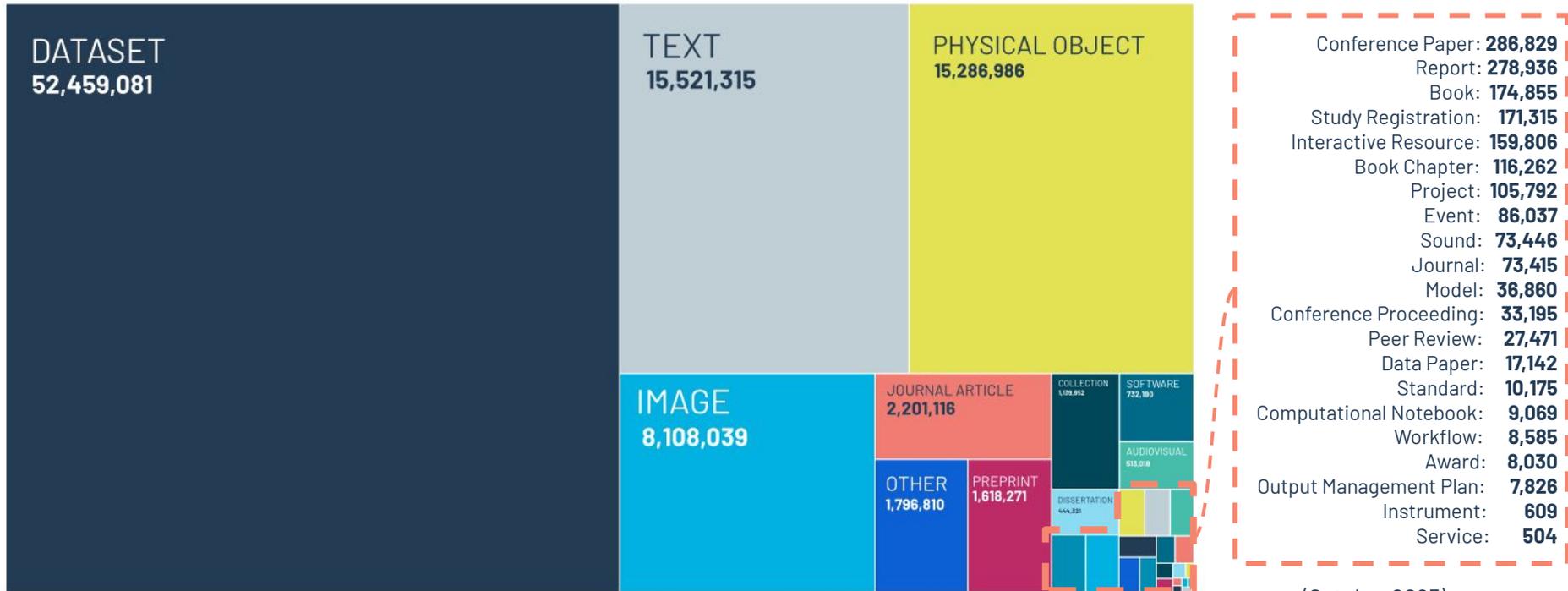


Metadata is discovered and harvested by users and systems to track and analyze outputs or integrate in other systems

DataCite DOI registrations over time



DataCite metadata by resource type



(October 2025)

Infrastructure for key use cases

Research data management

FAIR principles

DMP-IDs

Repository best practices

Tracking research funding and research projects

DOIs for awards and projects

ROR IDs for funder identification

Back-end for RAiD service

Data citation and data usage

Citation counts

Data Citation Corpus

Connections to other outputs

Identifying and connecting primary outputs and components

Software, instruments, samples and specimens, ETDs, preprints, and more

Infrastructure for global identifiers

Creators and contributors

ORCID (for individuals)
ROR (for organizations)

Research organizations

ROR IDs for affiliations, funders, and publishers

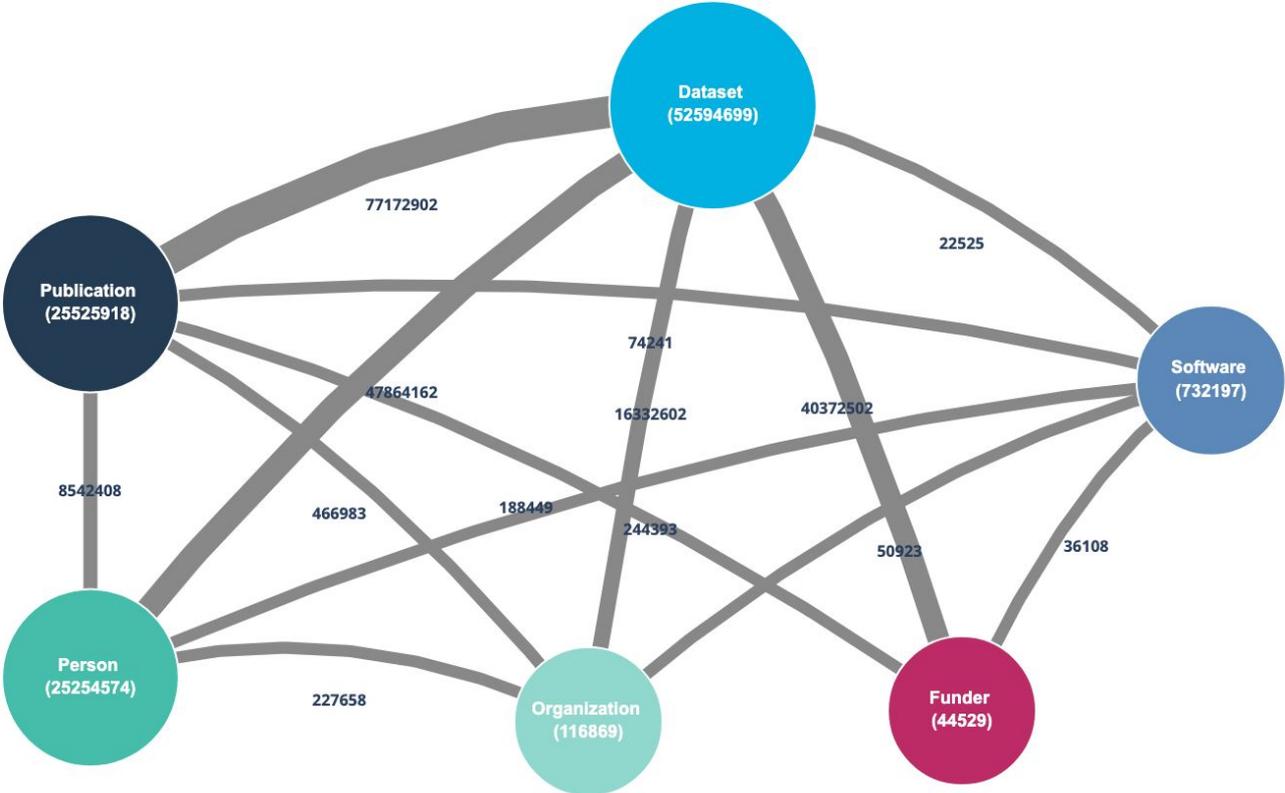
Relationships

Connections to DOIs and other identifiers to assert relationships and provide context for research

Descriptive metadata and back-end support

IGSN, RAiD, DMP-ID

Connections in DataCite metadata



Where to discover DataCite metadata

 <p>CHORUS</p> <p>Organization CHORUS</p> <p>Description CHORUS utilizes the DataCite API to identify datasets associated with the funded research CHORUS reports on.</p> <p>URL www.chorusaccess.org</p> <p>Scope Metadata associated with DataCite DOI...</p> <p>Harvesting Status Active</p> <p>Service Type Discovery service</p>	 <p>Data Citation Index</p> <p>Organization Clarivate Analytics</p> <p>Description Launched in 2012, the Data Citation Index on Web of Science provides descriptive records for data objects from over 450 selected and evaluated data ...</p> <p>URL https://clarivate.com/academia-govern...</p> <p>Scope Datasets</p> <p>Harvesting Status Active</p> <p>Service Type Research information/monitoring service</p>	 <p>DataCite Commons</p> <p>Organization DataCite</p> <p>Description DataCite Commons describes works, people, organizations and repositories and their connections and allows users to search for them. They are identified by ...</p> <p>URL https://commons.datacite.org/</p> <p>Scope All DataCite DOIs</p> <p>Harvesting Status Active</p> <p>Service Type Discovery service</p>	 <p>Dateno data discovery and search engine</p> <p>Organization Dateno Ltd.</p> <p>Description Discover, search, integrate. Reliable data search service</p> <p>Dateno provides access to 22+M open ...</p> <p>URL https://dateno.io</p> <p>Scope Datasets</p> <p>Harvesting Status Planned</p> <p>Service Type Discovery service Other</p>	 <p>Lunaris</p> <p>Organization Digital Research Alliance of Canada</p> <p>Description Lunaris is Canada's national discovery service for multidisciplinary data from research institutions across the country. Datasets from over 150 academic, ...</p> <p>URL https://www.lunaris.ca/</p> <p>Scope Datasets produced by people affiliated ...</p> <p>Harvesting Status Active</p> <p>Service Type Discovery service</p>	 <p>OpenAIRE Explore</p> <p>Organization OpenAIRE</p> <p>Description OpenAIRE Explore is a comprehensive and open dataset of research information covering 198M publications, 80M research data, 752K research software ...</p> <p>URL https://explore.openaire.eu/</p> <p>Scope All DataCite DOIs</p> <p>Harvesting Status Active</p> <p>Service Type Discovery service</p>
 <p>OpenAIRE MONITOR</p> <p>Organization OpenAIRE</p> <p>Description OpenAIRE MONITOR is a service that produces well-documented, timely and accurate monitoring indicators of research activities for funders, research...</p>	 <p>OpenAIRE ScholeXplorer</p> <p>Organization OpenAIRE</p> <p>Description ScholeXplorer is a service that accepts scholarly works metadata information, about publications-data or data-data links, from validated sources. It enables...</p>	 <p>OpenAlex</p> <p>Organization OurResearch</p> <p>Description OpenAlex indexes over 250M scholarly works from 250k sources, with extra coverage of humanities, non-English languages, and the Global South. ...</p>	 <p>PID Monitor</p> <p>Organization PID Network Germany / Bielefeld Univer...</p> <p>Description The PID Monitor is designed to record the use and dissemination of persistent identifiers from various sectors and provide analyses, such as ORCID IDs fo...</p>	 <p>TIB Discovery Service</p> <p>Organization TIB - Leibniz Information Centre for Sci...</p> <p>Description As the German National Library of Science and Technology as well as Architecture, Chemistry, Computer Science, Mathematics and Physics, TIB ...</p>	 <p>Works-magnet</p> <p>Organization French Ministry of Higher Education an...</p> <p>Description Retrieve and promote the scholarly works of your institutions. One of the features of the works-magnet is to help French institutions retrieve their datasets.</p>

Expanding global access

DataCite Blog

Advancing Research Through DataCite's Global Access Fund: Université Virtuelle de Côte d'Ivoire



BY CÉCILE COULIBALY



BY MOHAMAD MOSTAFA



DataCite Blog

Advancing Research Sharing Through DataCite's Global Access Fund: University National Center of Scientific and Technical Documentation (CNUST), Tunisia



BY SALAHEDDINE BEN ALI



BY BESSEM AAMRA



BY MOHAMAD MOSTAFA



DataCite Blog

DataCite Use Cases Around the World: National Center for Scientific and Technical Research (CNRST), Morocco



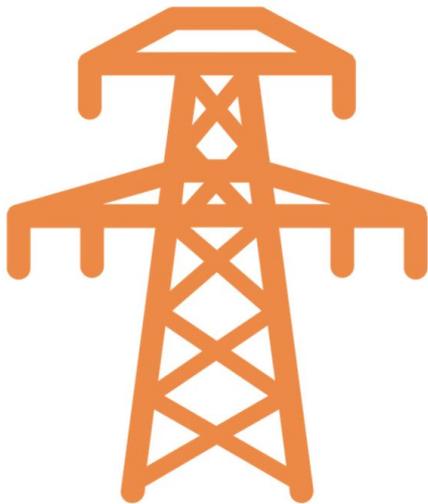
BY FADOUA EL MAGUIRI



BY MOHAMAD MOSTAFA



Aligning with global initiatives



**The Principles of
Open Scholarly
Infrastructure**

BARCELONA
DECLARATION ON
OPEN RESEARCH
INFORMATION

Key areas of focus 2025-2026

2025-2026 focus areas

- Metadata
- Community
- Infrastructure

Metadata

- Analysis and insights tools
- Schema development
- Metadata enrichment
- Community engagement and collaborations

Community

- Membership growth
- Support and capacity building for members
- Global reach and global access
- Alignment with emerging use cases

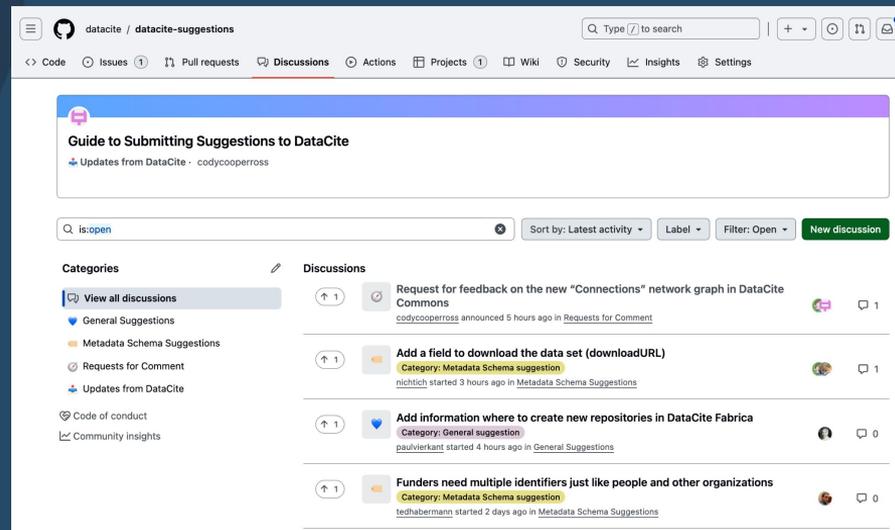
Infrastructure

- Scaling for technical resilience
- Exploring new technologies and efficiencies
- Optimizing for stability and sustainability

Concluding remarks

Contribute to the DataCite Roadmap: Community GitHub forum

- Understand what we've been working on and what we're thinking about for the future
- Propose new features and enhancements
- View and discuss other ideas



datacite.org/roadmap

Learn more and stay involved!



Subscribe to the DataCite community mailing list to receive the latest updates

DataCite
Newsletter
August 2025

What's New?

DataCite Membership in 2025: An Update on Our Global Community and Spotlight on Use Cases in Croatia, Qatar, and the United States.

From Croatian biodiversity data to Arabic scholarship and US supercomputing tools, new DataCite Members are using DOIs to enable visibility, traceability, and long-term access across disciplines. [Read on our blog](#) how communities of practice are growing across borders in 2025.

ROR Updates.

- Effective July 28, 2025, the ROR API default path is now v2. [Learn more about this change](#), including the forthcoming deprecation of v1 in December.
- Track the latest registry releases on [GitHub](#).

DataCite Connect Brisbane

Webinar

Exploring DataCite Metadata with OpenAlex

OpenAlex

DataCite Open Hours

DataCite

Information about our services and community activities:

- DataCite Fabrica**
- DataCite Commons**
- DataCite Metadata Schema**

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

Take Part in the DataCite Community Survey 2025



Your insights help shape DataCite's community-driven infrastructure and services!

Open to all DataCite members, users, partners, and general enthusiasts.

Deadline: 01 December 2025





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info@datacite.org



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datacite.org/blog



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[DataCite](https://www.youtube.com/DataCite)