

Projektvorstellung PID Konsortiumstag

November 20, 2025

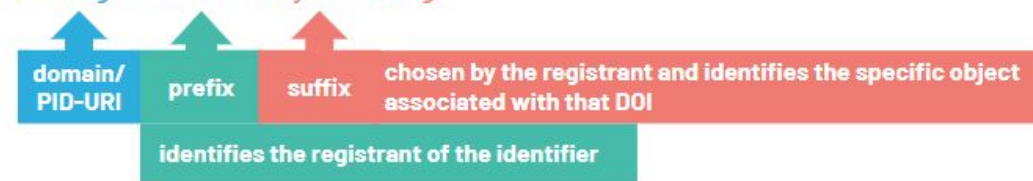
Current project team: Andreas Czerniak (UB Bielefeld), Barbara Fischer (DNB), Steffi Genderjahn (Helmholtz Association),
Stephanie Hagemann-Wilholt (TIB), Antonia C. Schrader (Helmholtz Association), Paul Vierkant (DataCite), Frauke Ziedorn (TIB)

About Persistent Identifier (PIDs)

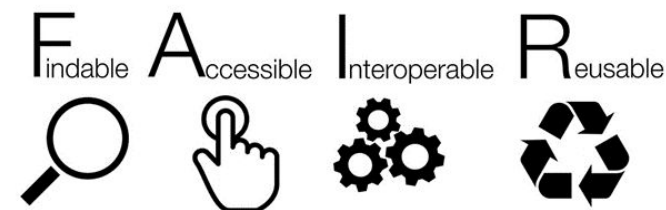


- **Unique, universal** alphanumeric **codes**
- **permanent** and **constant available** information about researchers, research institutions, funders, data, registrations, publications etc.
- **Linked to** descriptive information (**metadata**) about the resources.
- Enabling **FAIR research data management**

<https://doi.org/10.5061/dryad.708gr>



<https://doi.org/10.5281/zenodo.10665361>



The project 2022-2026

Funded by



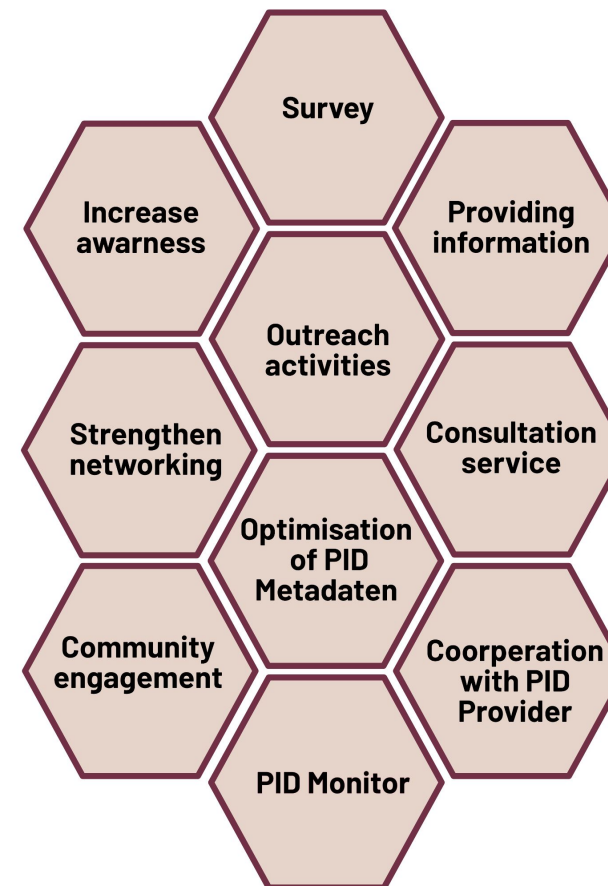
Deutsche
Forschungsgemeinschaft

German Research Foundation



Aims

- Establishing a network in science and culture
- **Promotion** and **standardization** of the use of persistent identifiers (PIDs)
- Emphasizing the importance of **PIDs as a tool** for uniquely identifying and linking digital objects in research and culture
- Support the **dissemination** and **linking** of PID systems and their **integration** into infrastructures
- Development of a **national PID roadmap**

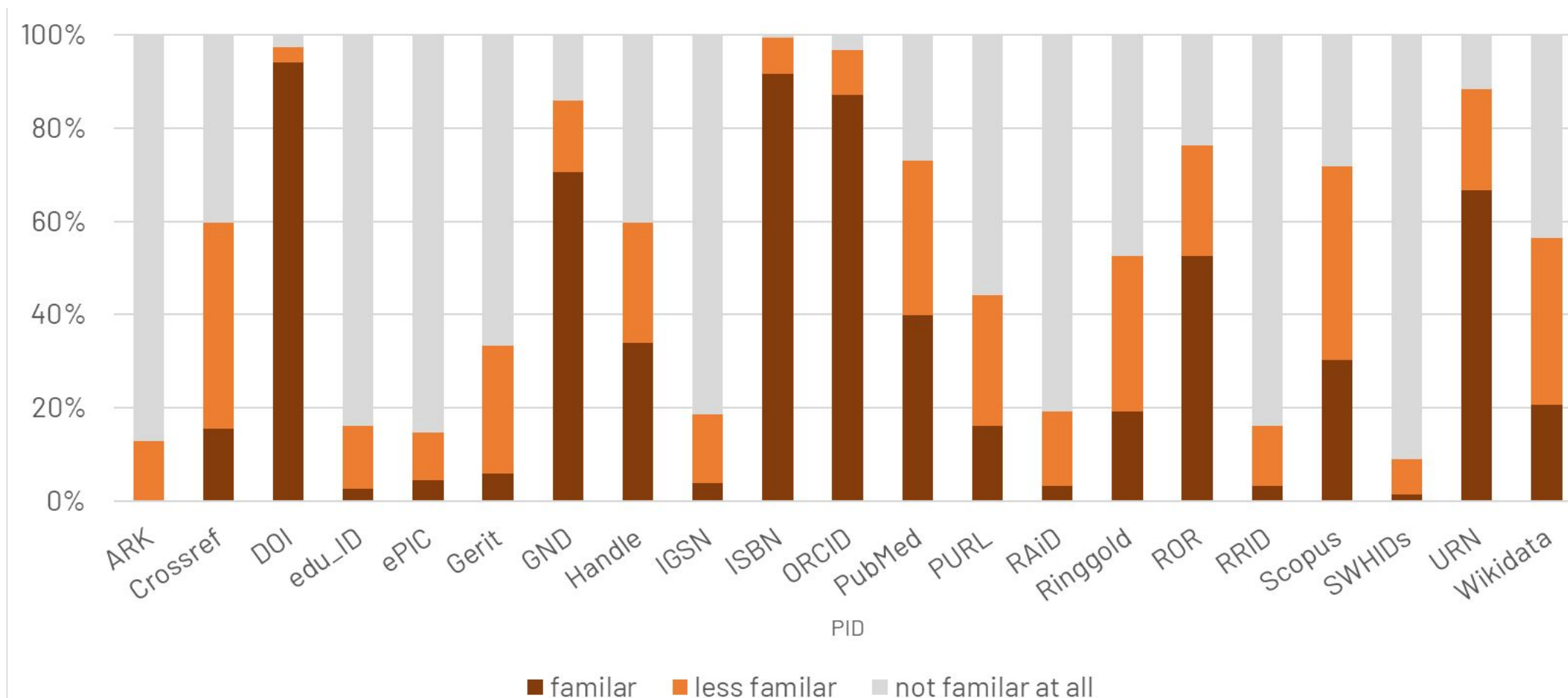


Ten use cases

Workshops focusing on application scenarios as well as opportunities and challenges in the use and integration of PIDs.



Survey results – Familiarity with PIDs



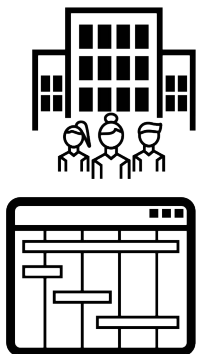
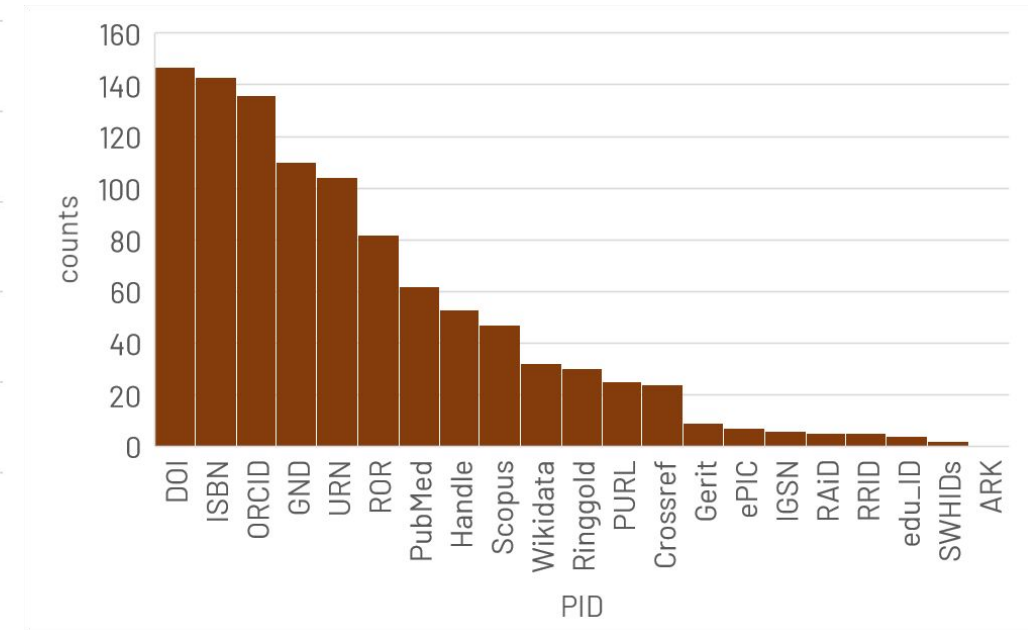
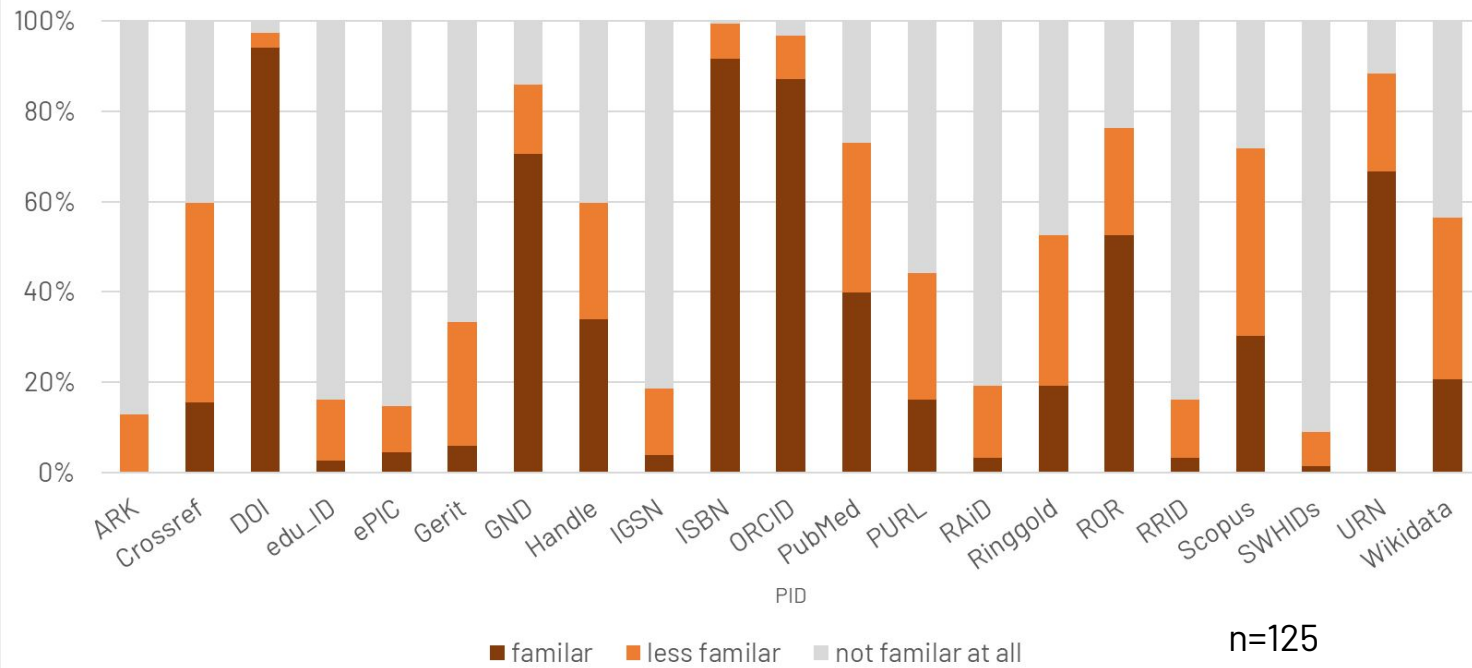
Survey period: March – May 2024

Target groups: Universities, universities of applied sciences, non-university and departmental research institutions

Sent to 500 organisations

n=125

Survey results – Familiarity with PIDs



Gerit, GND, RAiD and ROR
For organisations and projects

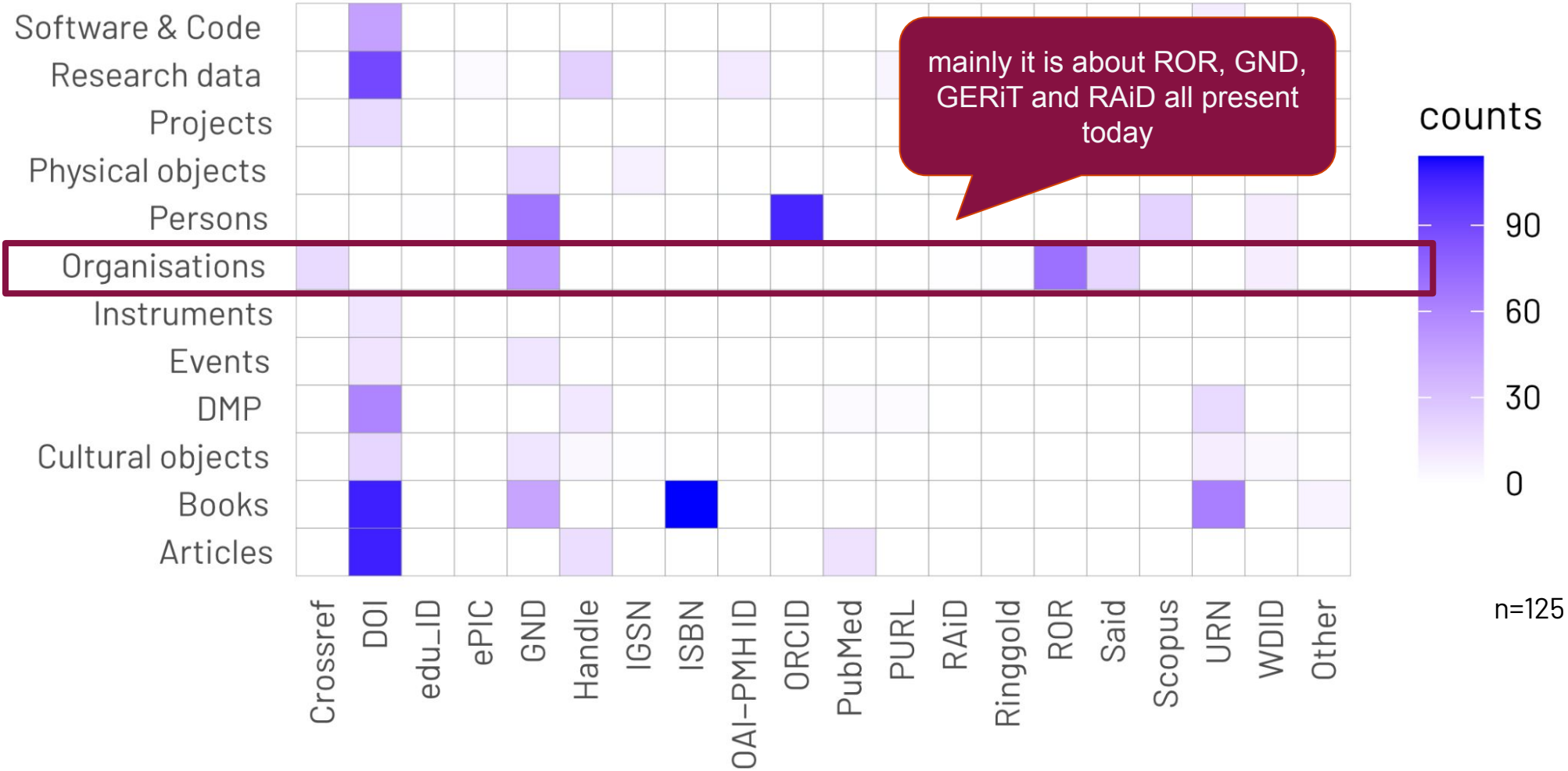


Best known: DOI, ISBN, ORCID, GND



PIDs with a low level of awareness:
 ARK, eduID, ePIC, IGSN, RAiD, RRID, SWHIDs

Survey results – Use of PIDs





Beta – Release of the PID Monitor <https://pid-monitor.org/>

- Further development of the ORCID Monitor
- **Objective:** continuous monitoring of the dissemination of different types of PIDs in publication, information and research infrastructures
- **Data sources:** BASE search engine, the GND, DataCite, and ORCID
- Community feedback possible

Welcome to PID Monitor

The **PID Monitor** is intended to capture the use and distribution of persistent identifiers from different fields, provide analyses, such as ORCID iDs for people, DOIs for publications or research data. The database is currently being made from information from the search engine [BASE](#), the [GND](#), [DataCite](#) and [ORCID](#). The PID Monitor is being developed and operated by [Bielefeld University Library](#) as part of the DFG-funded project "[PID Network Deutschland](#)" from 2024 onwards.

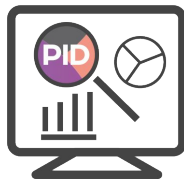
The PID monitor links the **PID type with the entity or the resource type** in order to derive a [PID class](#) from it, which is then assigned to the respective application division.

More about the [project](#) and persistent identifiers at <https://pid-network.de>.

Current development of research data sets in Germany

Research data sets in Germany (Provider: DataCite, PID type: DOI)





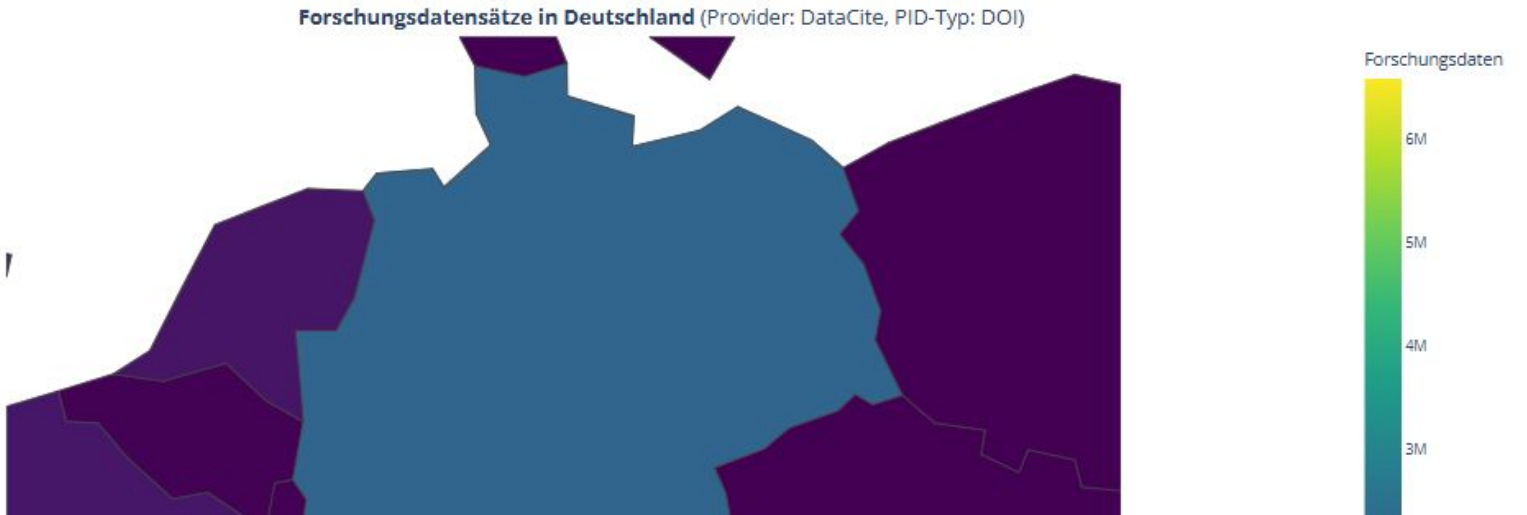
- 🔍 📄 🛠
- Sparten**
 - Datensätze
 - Instrumente
 - Kulturelle Objekte
 - Organisationen & Projekte
 - Personen
 - Physische Objekte
 - OA-Publikationsdienste & Forschungsinformationssysteme
 - Software
 - Textpublikationen
 - Veranstaltungen
- Datenquellen**
 - BASE
 - DataCite
 - DNB & GND
 - ORCID
- Funded by **DFG** Deutsche Forschungsgemeinschaft German Research Foundation

Der **PID Monitor** soll die Nutzung und Verbreitung von persistenten Identifikatoren unterschiedlicher Sparten erfassen, Analysen bereitstellen, wie zum Beispiel ORCID iDs bei Personen, DOIs für Publikationen oder Forschungsdaten. Die Datenbasis wird aktuell von Informationen der Suchmaschine [BASE](#), der [GND](#), [DataCite](#) und [ORCID](#) gebildet. Der PID Monitor wird von der [Universitätsbibliothek Bielefeld](#) im Rahmen des DFG-geförderten Projektes "[PID Network Deutschland](#)" ab 2024 entwickelt und betrieben.

Der PID-Monitor verknüpft den **PID-Typ mit der Entität bzw. dem Ressourcentyp**, um daraus eine [PID-Klasse](#) abzuleiten, welche anschließend den jeweiligen Anwendungssparten zugeordnet wird.

Mehr über das [Projekt](#) und persistente Identifikatoren unter <https://pid-network.de>.

Aktuelle Entwicklung von Forschungsdatensätzen in Deutschland



- In workshops and online seminars on ten PID application areas, the needs and challenges of the community are recorded and analyzed on the basis of user stories.
- The resulting User Story Report serves as the basis for recommendations, guidelines for optimizing PID metadata, and the national PID roadmap.

Vom Bedarf zur Umsetzung:
Optimierungsansätze für
PID-Systeme auf Basis von User
Stories

PID Network Deutschland, Projektbericht, Juli 2025

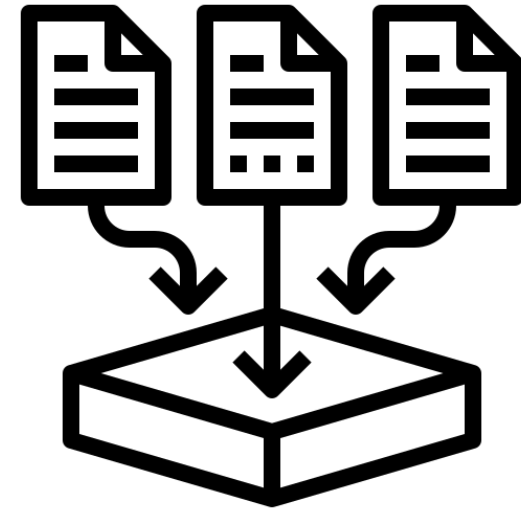
- To provide research institutions with concrete recommendations for creating and maintaining high-quality, FAIR-compliant DataCite DOI metadata.
- Building on previous project results, community initiatives, the DataCite Metadata Schema 4.6, the DINI certificate, and established community practices, the guidelines fill a gap by operationalizing recommended fields through examples, technical guidance, and benchmarks, while aligning them with the FAIR principles.

Praxisorientierte Leitlinien für
Lieferanten von DataCite
DOI-Metadaten

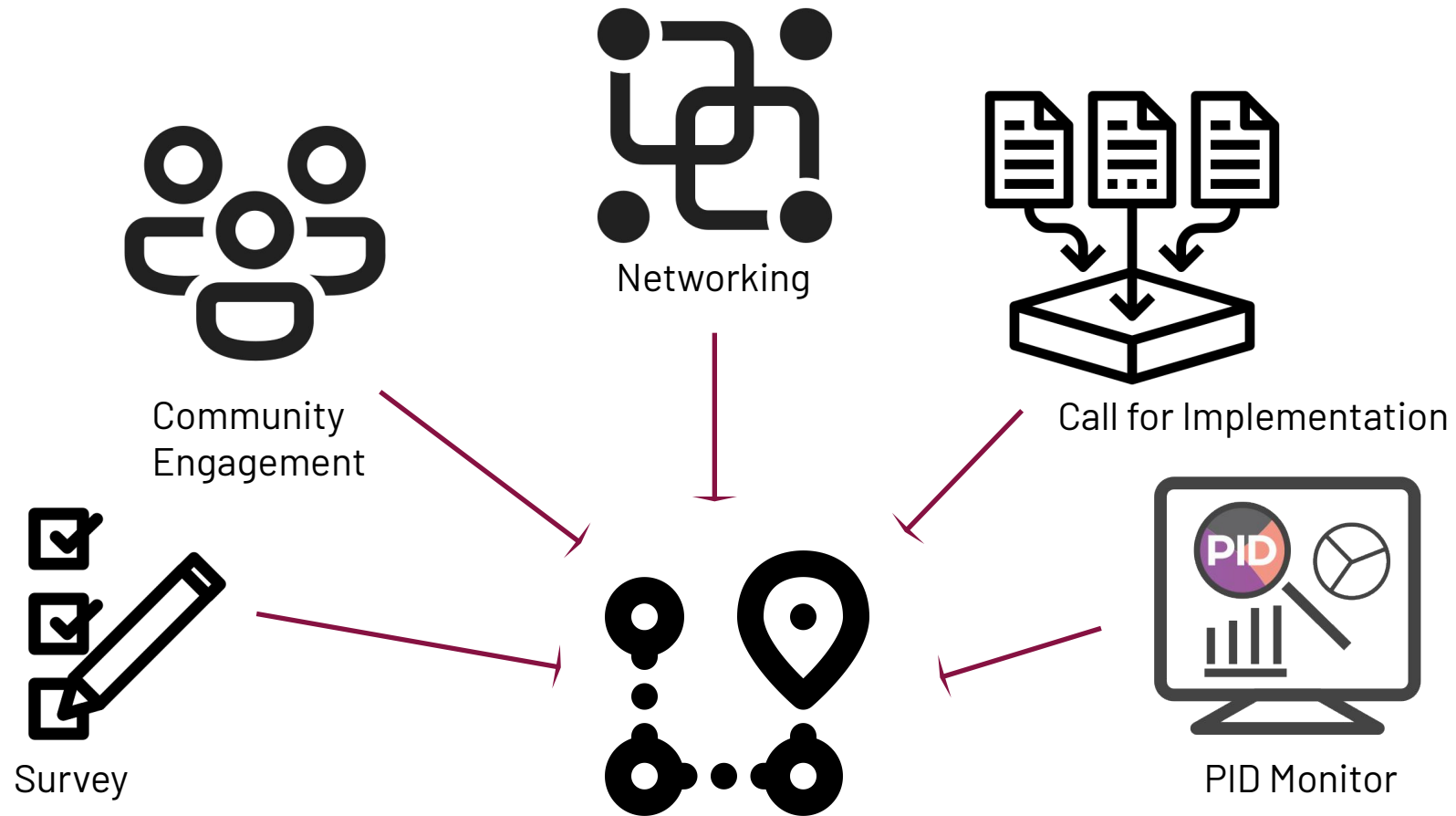
Version 1.0, PID Network Deutschland, September 2025

Call for Implementation

- Sep–Oct: Call for Implementation
- Two pilot institutions will be testing the guidelines as part of an implementation call, and their experiences will inform future revisions.
- Currently evaluation of applications.
- Three months implementation period: Dec–Feb.



What's next?



Development of a national
PID roadmap for Germany

PID NETWORK DEUTSCHLAND

Thank you for your participation

Contact

Website: www.pid-network.de

Contact: info.pidnetwork@listserv.dfn.de

Mailinglist: [PID Dialog](#)



openbiblio.social/@PIDNetworkDE



linkedin.com/showcase/pid-network-de/



pidnetworkde.bsky.social

DFG Grant number: [506475377](#)

Proposal <https://doi.org/10.48440/os.helmholtz.059>.

 the **PID** Forum

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