

PID Network Germany

community building and national roadmap
development across ten PID use cases

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Outline

- Motivation
- Project partners and description
- Objectives
- Aim

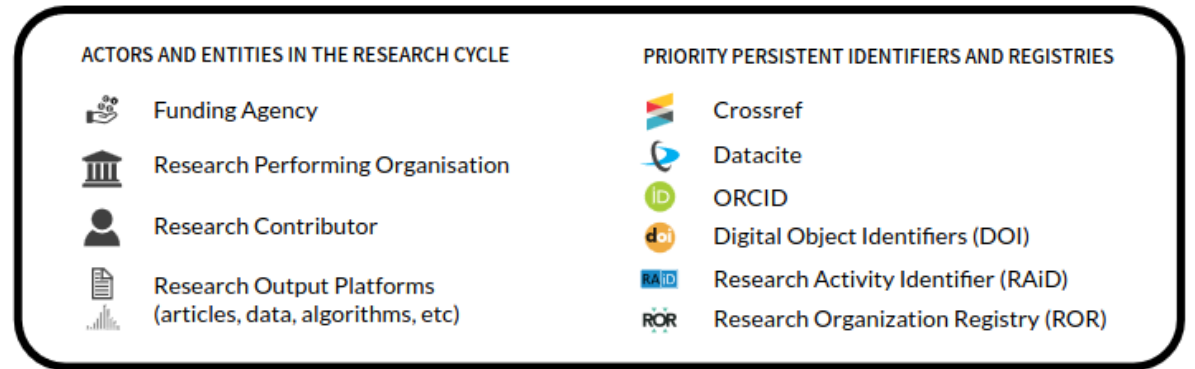
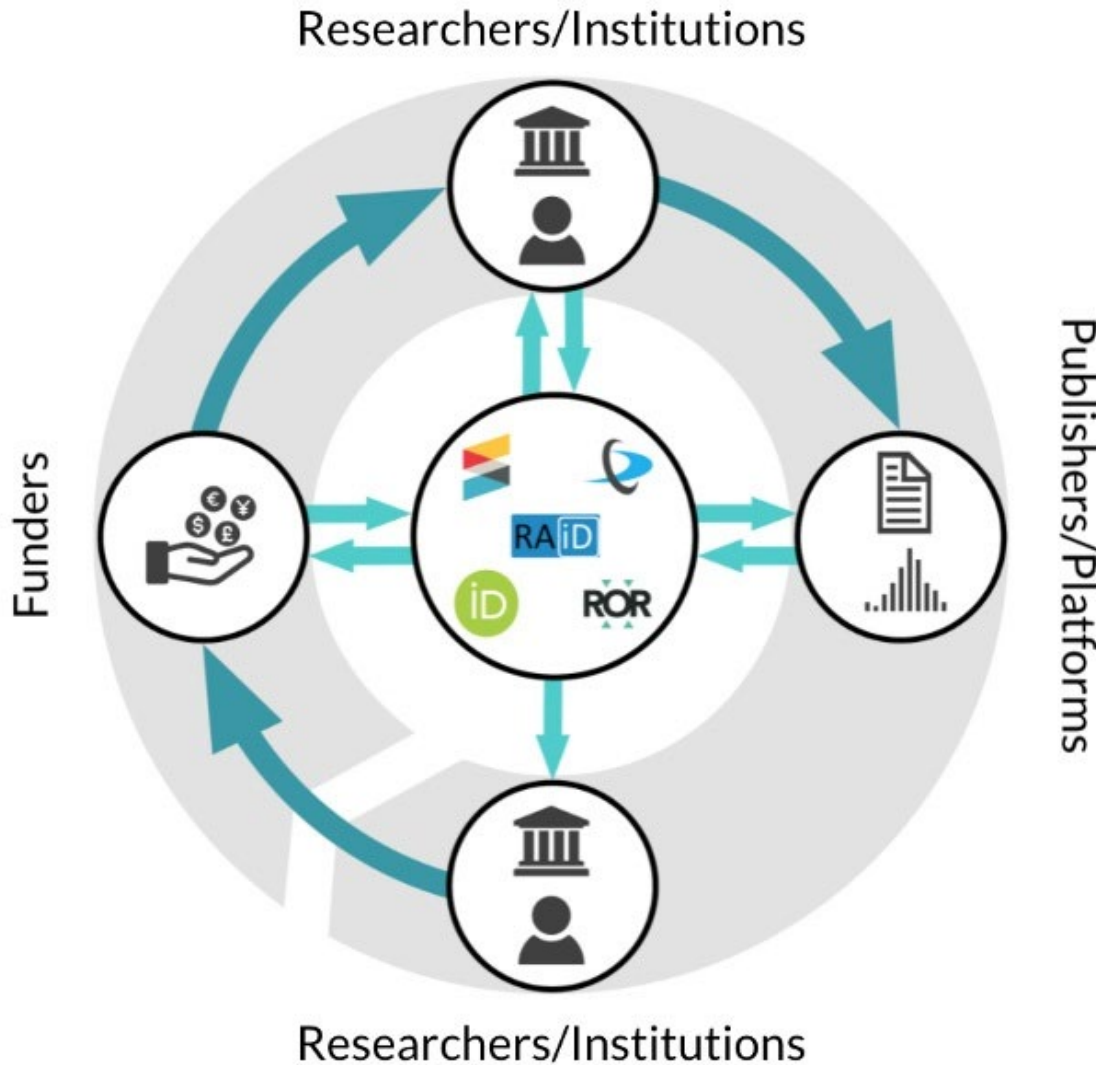
Motivation

Persistent Identifier (PID) - a unique identifier for a resource.

A PID is permanently recognisable and enables the permanent identifiability and findability of the resource.

- Enable stable linking to other resources via PIDs,
- Enable unique identification and assignment of resources (e.g. publications, research data, persons, ...),
- Can prevent dead links when regularly updated,
- Can contribute to the disambiguation of resources (e.g. names of persons, organisations, services).

Motivation



Brown, Josh, Jones, Phill, Meadows, Alice, & Murphy, Fiona. (2021). The PID-optimised Research Lifecycle. Zenodo. <https://doi.org/10.5281/zenodo.4991733>

Navigation thru the PID-Cycle:
<https://resources.morebrains.coop/pidcycle/>

Project

- duration: 2023/03 – 2026/02 (36 month)
- DFG project number: [506475377](#)

proposal public available (german)

Bertelmann, R., Buys, M., Kett, J., Pampel, H., Pieper, D., Scholze, F., Sens, I., Burger, F., Dreyer, B., Glagla-Dietz, S., Hagemann-Wilholt, S., Hartmann, S., Schrader, A., Schirrwagen, J., Summann, F., & Vierkant, P. (2023). PID Network Deutschland. Netzwerk für die Förderung von persistenten Identifikatoren in Wissenschaft und Kultur. Helmholtz Open Science Office. <https://doi.org/10.48440/OS.HELMHOLTZ.059>

projekt partners



Expertise and roles of the project partners

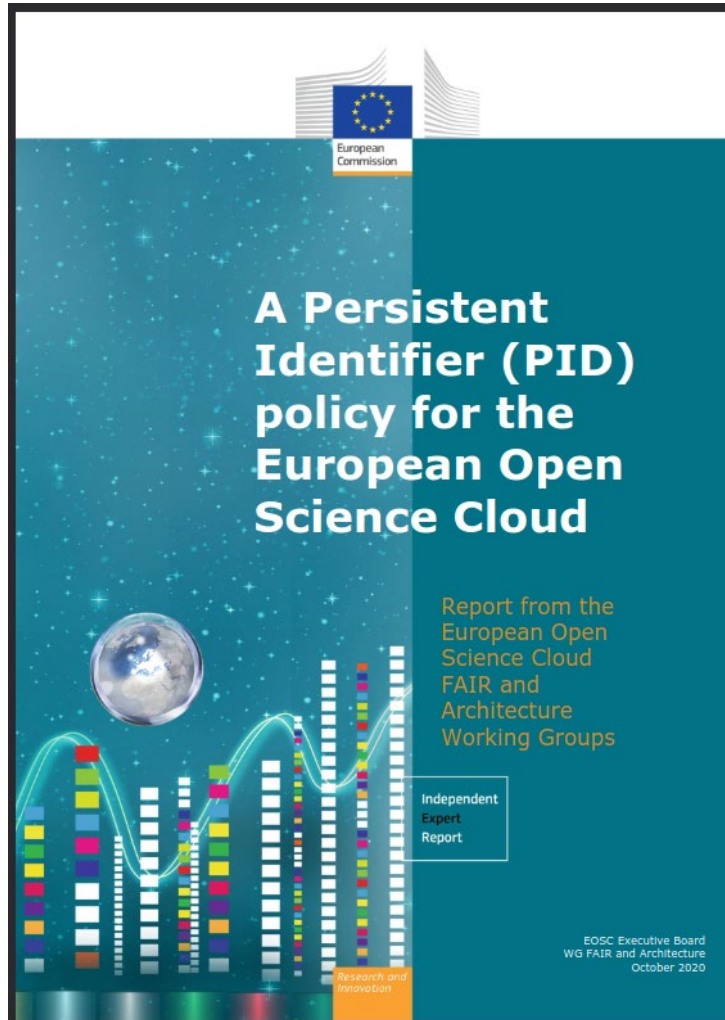
- DataCite:
 - DOI assignment for scientific results since 2009,
 - Initiator for the design of global standards and information infrastructures
- DNB:
 - Standardisation - regulations and standardisation
 - URN allocation, Culturegraph, GND, German National Bibliography
- Helmholtz Open Science Office:
 - Involvement in national and international open science initiatives
 - Supporting the cultural shift towards Open Science in the Helmholtz Association and beyond
- TIB - Leibniz Information Centre for Science and Technology University Library:
 - PID Competence Centre
 - Leads the DataCite-DOI and ORCID Germany consortia
- Bielefeld University Library
 - Develops and operates BASE - the Bielefeld Academic Search Engine - and the ORCID-DE Monitor
 - Engages in national and international initiatives to standardise metadata and vocabularies

Subject of the project: PID application areas



- planned quantitative and qualitative study on PIDs
- guidelines on implementing and pilot developments
 - evolving the ORCID-DE MONITOR to a PID-DE MONITOR

Role of PIDs in european and international initiatives



The image is a screenshot of the RDA (Research Data Alliance) website. The header includes the RDA logo, "O&A Members 71", "MY PROFILE Members: 13582", and "RDA Groups WG & IGs: 105". The main navigation menu includes "ABOUT RDA", "GET INVOLVED", "GROUPS", "RECOMMENDATIONS & OUTPUTS", "RDA FOR DISCIPLINES", "PLENARIES & EVENTS", and "NEWS & MEDIA". The main content area displays the title "National PID strategies: opportunities for collaboration and alignment" with a "Home" link below it.

<https://www.rd-alliance.org/national-pid-strategies-opportunities-collaboration-and-alignment>

Providing already a use-case to RDA “National PID strategies”.

European Commission, Directorate -General for Research and Innovation, Hellström, M., Heughebaert, A., Kotarski, R. et al., *A Persistent Identifier (PID) policy for the European Open Science Cloud (EOSC)*, Publications Office, 2020, <https://data.europa.eu/doi/10.2777/926037>

Objectives and focus areas

- Establishment of a national network of stakeholders in science and culture
- Promote and consolidate the application, implementation, standardisation and international connectivity of PID systems at local, national, and international levels.
- Comprehensive consideration of target groups:
 - Providers and manager of publication and information infrastructures
 - Publishers
 - Research funders
 - FAIR initiatives
 - Projects and working groups on PIDs (e.g. NFDI consortia)
 - PID system providers
 - Scientists

Aim: Development of a PID roadmap for Germany

- Consolidation of the results from community building, collection and optimisation of PID metadata,
- Participative process,
- Strategic approach that combines an institutional framework for local PID-applications with a comprehensive and consistent implementation of PID systems at the national level,
- Consideration of international developments -> national PID Strategies, PID Policy of the EOSC.

Thank you for your attention.

Question?

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Dialogue platform: <https://pid-network.de>