



It Takes More Than a Village

A National Network of Bottom-up PID Strategies in Germany

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MINISTRY OF EDUCATION,
YOUTH AND SPORTS

NTK

50°6'14.083"N, 14°23'26.365"E
Národní technická knihovna
National Library of Technology



National Research
Infrastructure for Australia
An Australian Government Initiative



Australian Research Data Commons

Agenda

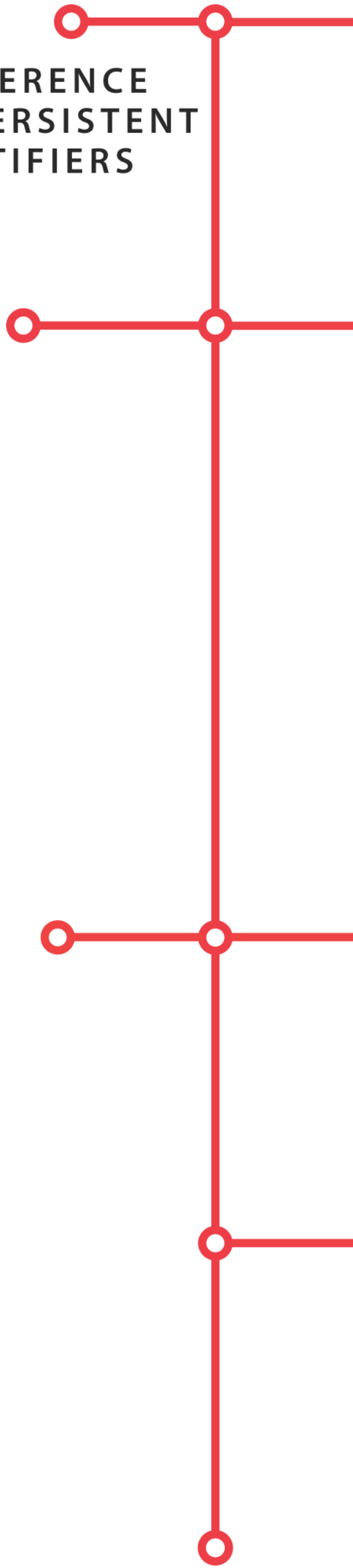
- PID Network
 - A Roadmap for Germany
- PID4NFDI
 - PIDs for the RDM Community
- Consortia
 - DOI & ORCID
- Recap



Gefördert durch
DFG Deutsche
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PID Network Germany

Project



PID Network Germany

3 year project with 5 partner organisations

Expertise:

- DataCite
 - Initiator for the design of global standards and information infrastructures
- DNB – German National Library
 - Regulations and standardisation
 - URN allocation, Culturegraph, GND, German National Bibliography
- Helmholtz Open Science Office
 - Involvement in national and international open science initiatives
- 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

PiD fest
CONFERENCE
ON PERSISTENT
IDENTIFIERS
2024

 **DataCite**

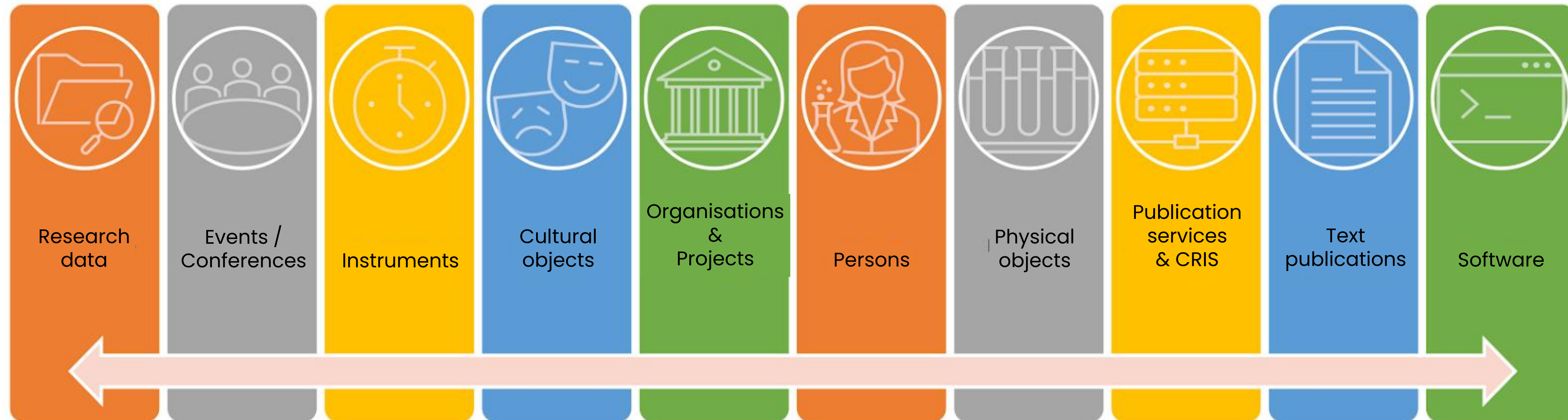
**DEUTSCHE
NATIONAL
BIBLIOTHEK**

HELMHOLTZ
Open Science

 **TIB** LEIBNIZ-INFORMATIONSZENTRUM
TECHNIK UND NATURWISSENSCHAFTEN
UNIVERSITÄTSBIBLIOTHEK

 **UNIVERSITÄT
BIELEFELD**
Universitätsbibliothek

PID application areas



- Workshops specific to 10 use cases
- Discussions on needs, requirements and challenges
- Quantitative study among users of PIDs
- Consulting and training on PIDs

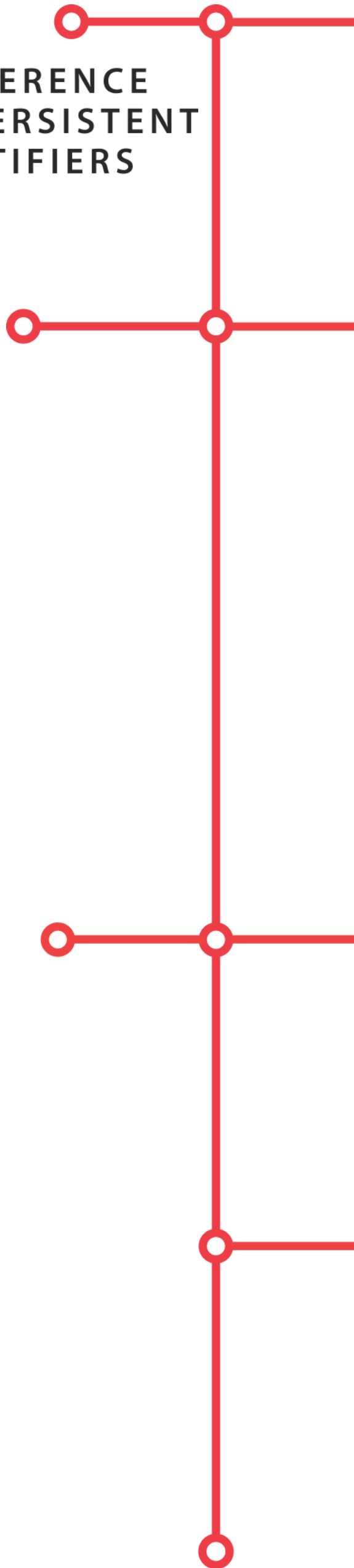
Development of German National Strategy

- Consolidation of the results from community building, collection and optimisation of PID metadata
- Participative process (workshops, survey)
- 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...



PID4NFDI

Project for the *National Research Data Infrastructure*



Localisation of PID4NFDI in NFDI

Structure of NFDI (*National Research Data Infrastructure*)

Consortia:

- 26 subject/method-specific consortia (2020ff.)
- one consortium for development of basic (generic) infrastructure services → base4nfdi (initiated in 2022)

Sections for cross-cutting topics:

1. Common Infrastructures (*section-infra*)
2. Ethical, Legal and Social Aspects (*section-ELSA*)
3. (Meta)data, Terminologies, Provenance (*section-metadata*)
4. Training & Education (*section-edutrain*)
5. Industry Engagement (*section-industry*)

→ Containing working groups on topics

Localisation of PID4NFDI in NFDI



base4nfdi

→ Joint collaboration of NFDI consortia

Objectives:

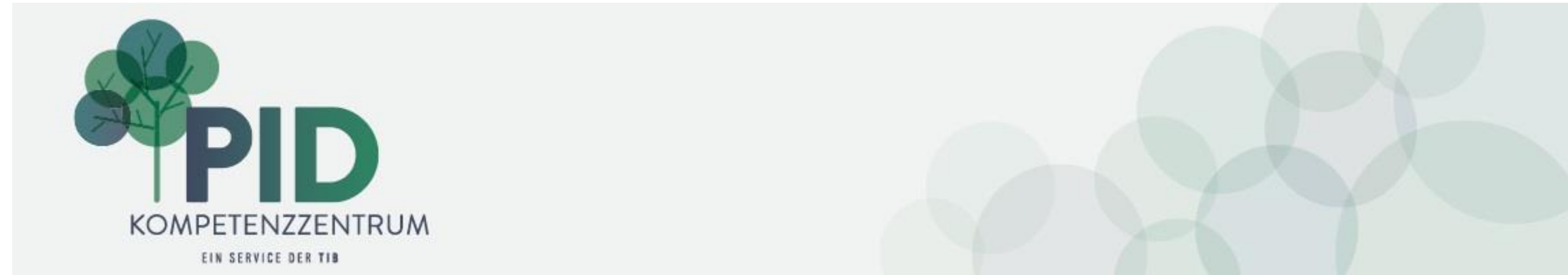
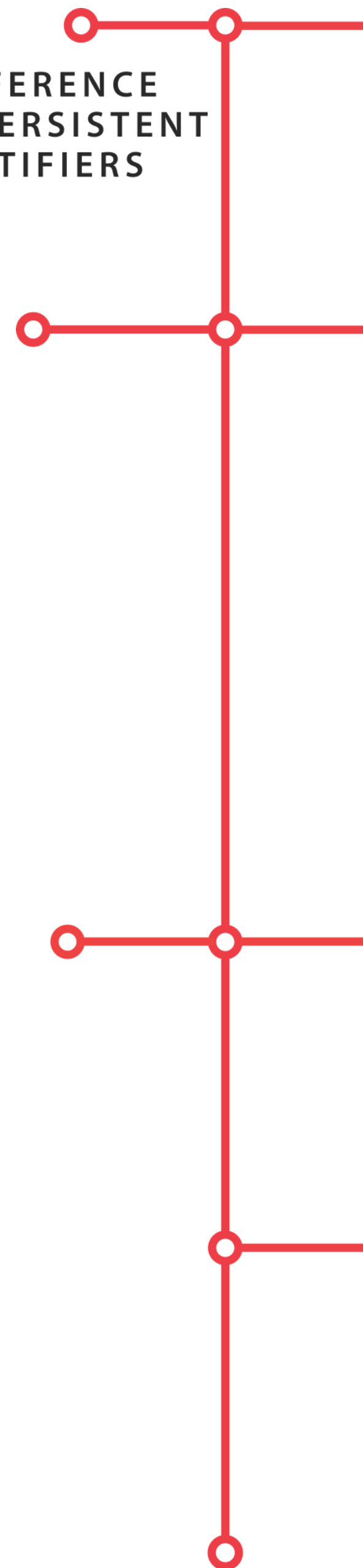
- Integration of mature services for RDM support across disciplines
- Long-term operation
- Linking to EOSC and further international infrastructures
- User-driven service development

A PID service for NFDI

Provide a central entry point for support on PID implementation with guidance

- on use case based best practices and metadata quality
- on requirements for use of various PID provider services
- for different stakeholder groups of NFDI

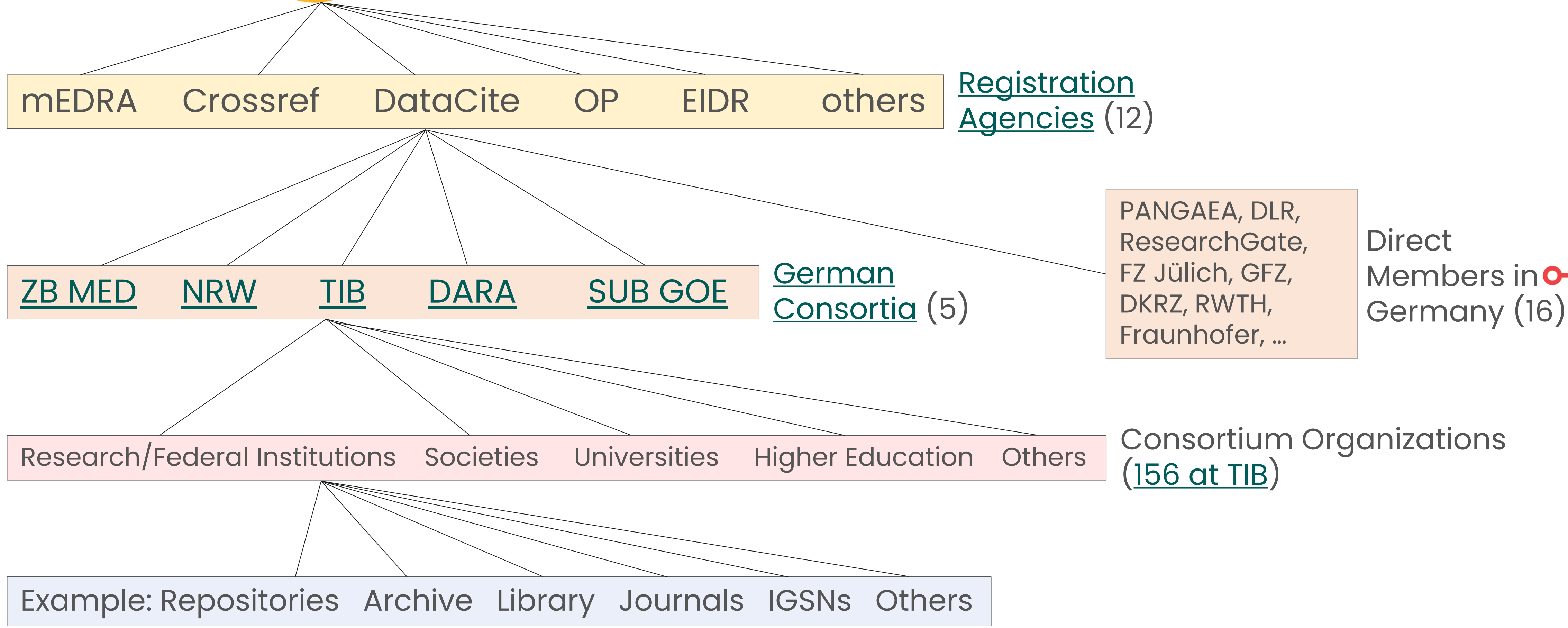
→ Addressing the life cycle of research data with PIDs



PID Consortia

Long time established

German DOI Landscape



Four subject field specific consortia:

1. DARACO: Leibniz Institute for the Social Sciences (social sciences)
2. ZBMEDCO: ZB MED – Information Centre for Life Science (cultural and life sciences)
3. SUBGOECO: SUB Göttingen (humanities)
4. TIBCO: TIB DOI Consortium (natural sciences and engineering)

One regional consortium:

1. HBZCO: University Library Centre of the State of North Rhine-Westphalia

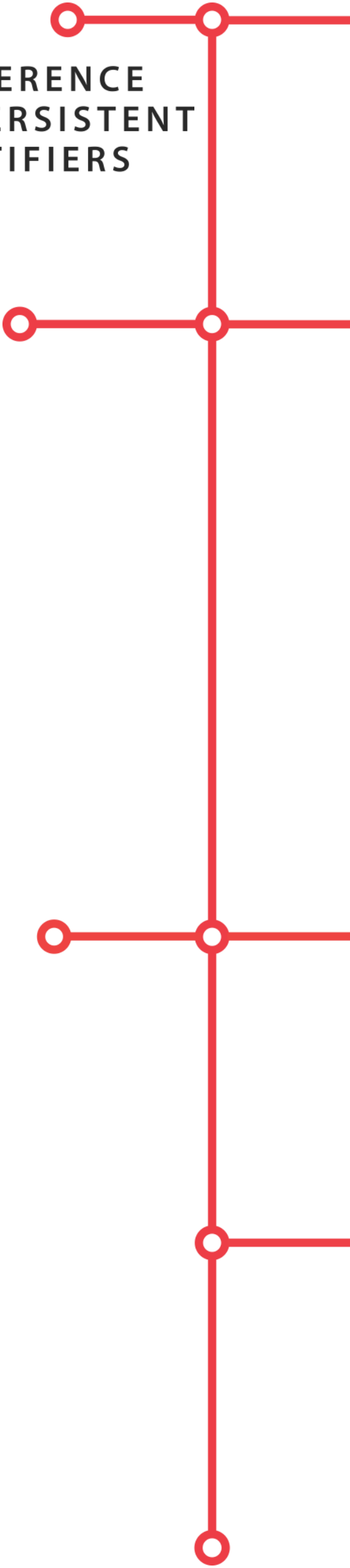
Consortium services @ TIB

We continuously improve our services according to the needs of our members.

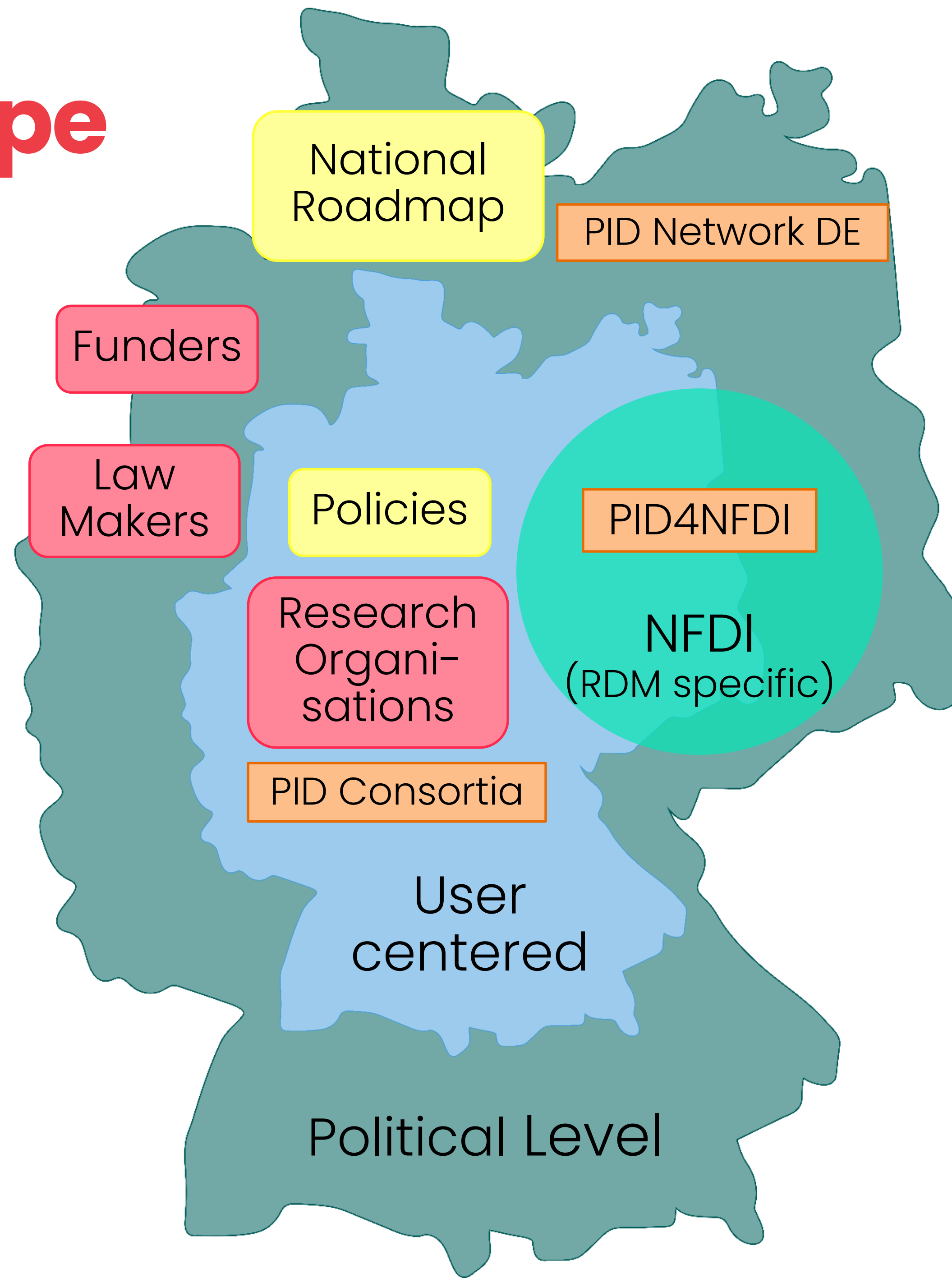
- First Level Support
- Fabrica Handbook
- Information Platform
- Monthly newsletter
- User needs analysis
- Metadata consultation
- Onboarding
- Topic specific workshops
- PID and metadata projects
- Mailing list with more than 600 subscribers
- Metadata analysis
- Consortium meeting
- Consultation hour

- Consortium for organisations in Germany implementing ORCID.
- Established 2016, led by TIB. Currently 90 members.
- Benefits:
 - Automatic updating of the ORCID records.
 - Improving the metadata quality in institution's systems / repositories.
 - Reading of trusted information.
 - Authentication with ORCID.
 - Faster and more accurate recording, tracking and archiving of research output and collaborations.
 - Access to ORCID's member API.
 - First level support by consortium in German.

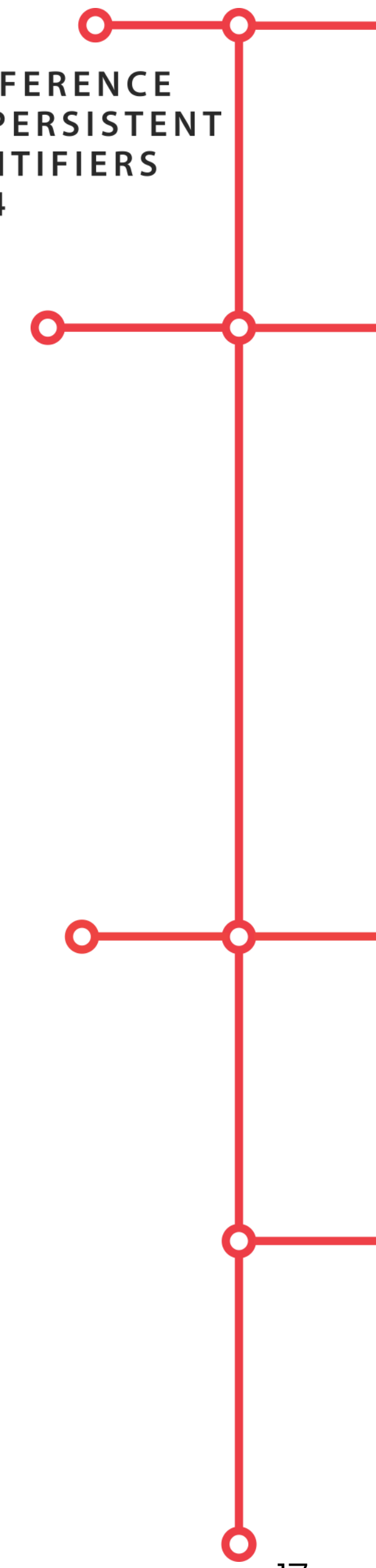
Recap



PID landscape in Germany



- Key:
- Initiative / Project
 - Stakeholders
 - Outcome



Links

- [PID Network Germany](#)
- [Base4NFDI](#)
- [PID4NFDI](#)
- [TIB DOI Consortium](#)
- [ORCID-DE Consortium](#)
- [ORCID-DE Monitor](#)