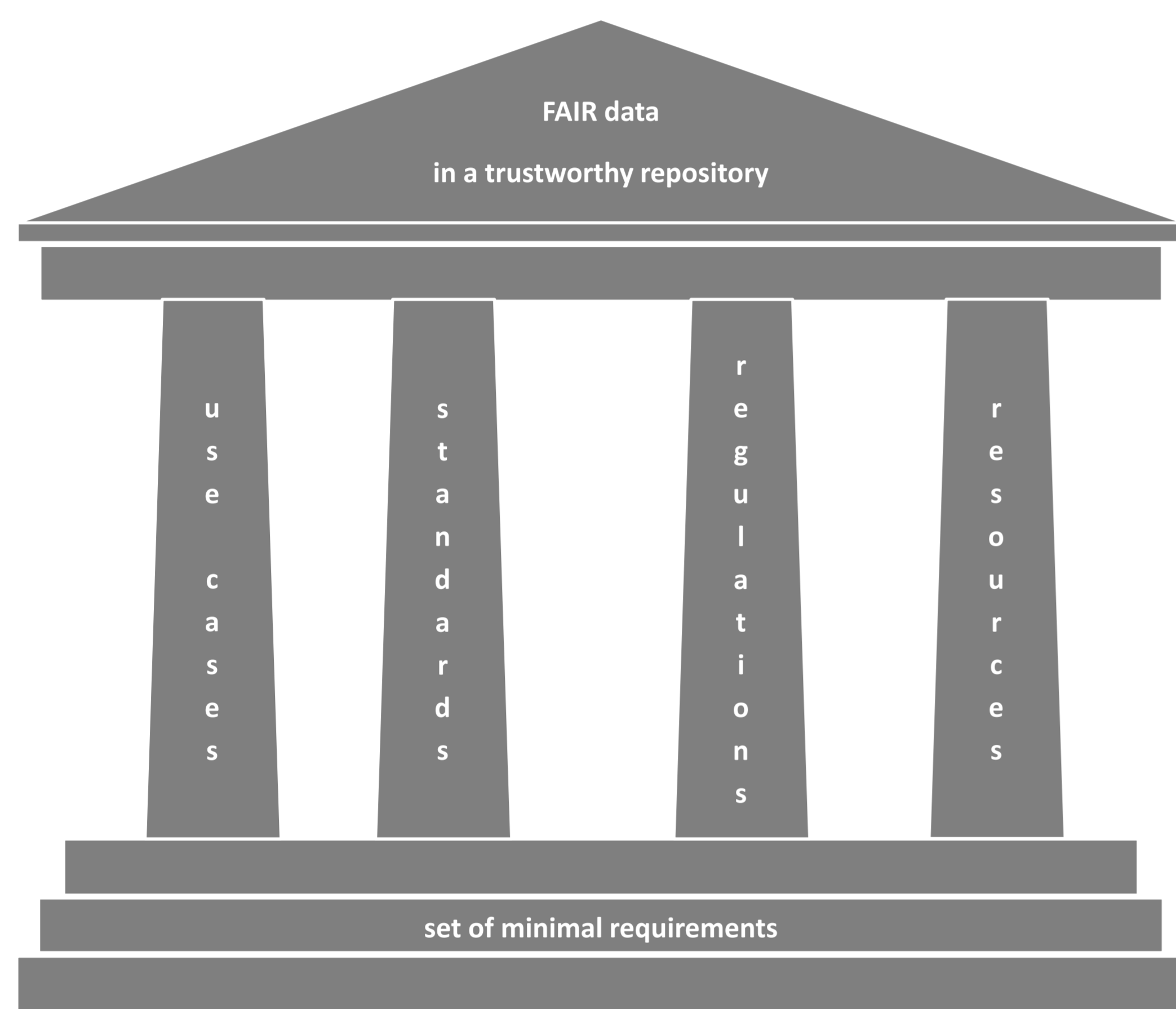
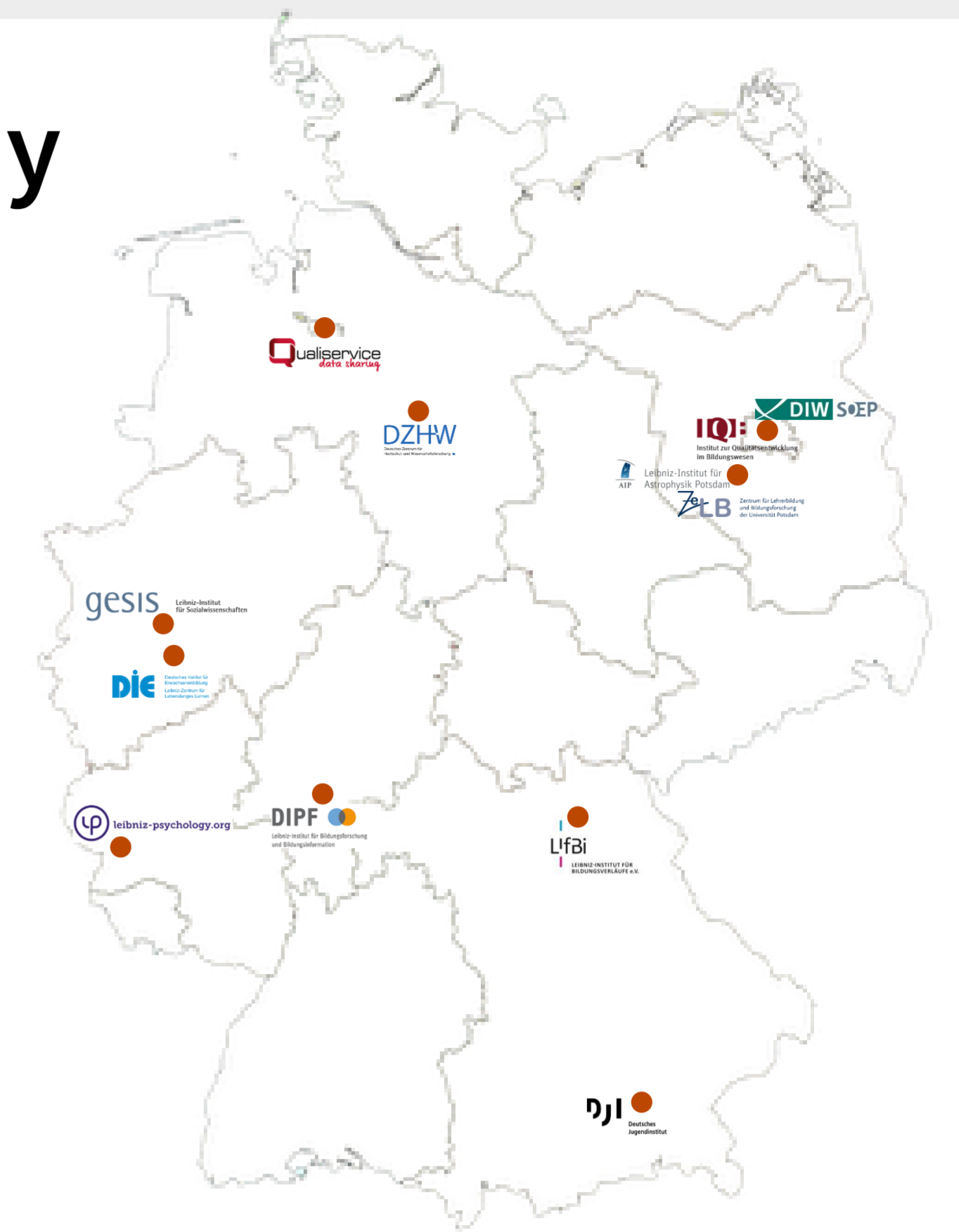


Domain Data Protocols for Educational Research: Support Creating FAIR Data

Domain Data Protocols for Educational Research in Germany

- partners: 12 institutions, most of them directly involved in educational research
- funding: German Federal Ministry of Education and Research (grant agreement number: 16QK01)
- project duration: 01.06.2019 – 31.05.2022
- building up on the idea of Science Europe (2018) to develop “generally agreed-upon guidelines, or predefined written procedural methods ... a ‘model DMP’ for a given domain or community that shares common methods”
- aim: support researchers in creating Open Data following the FAIR Data Principles to increase transparency in research

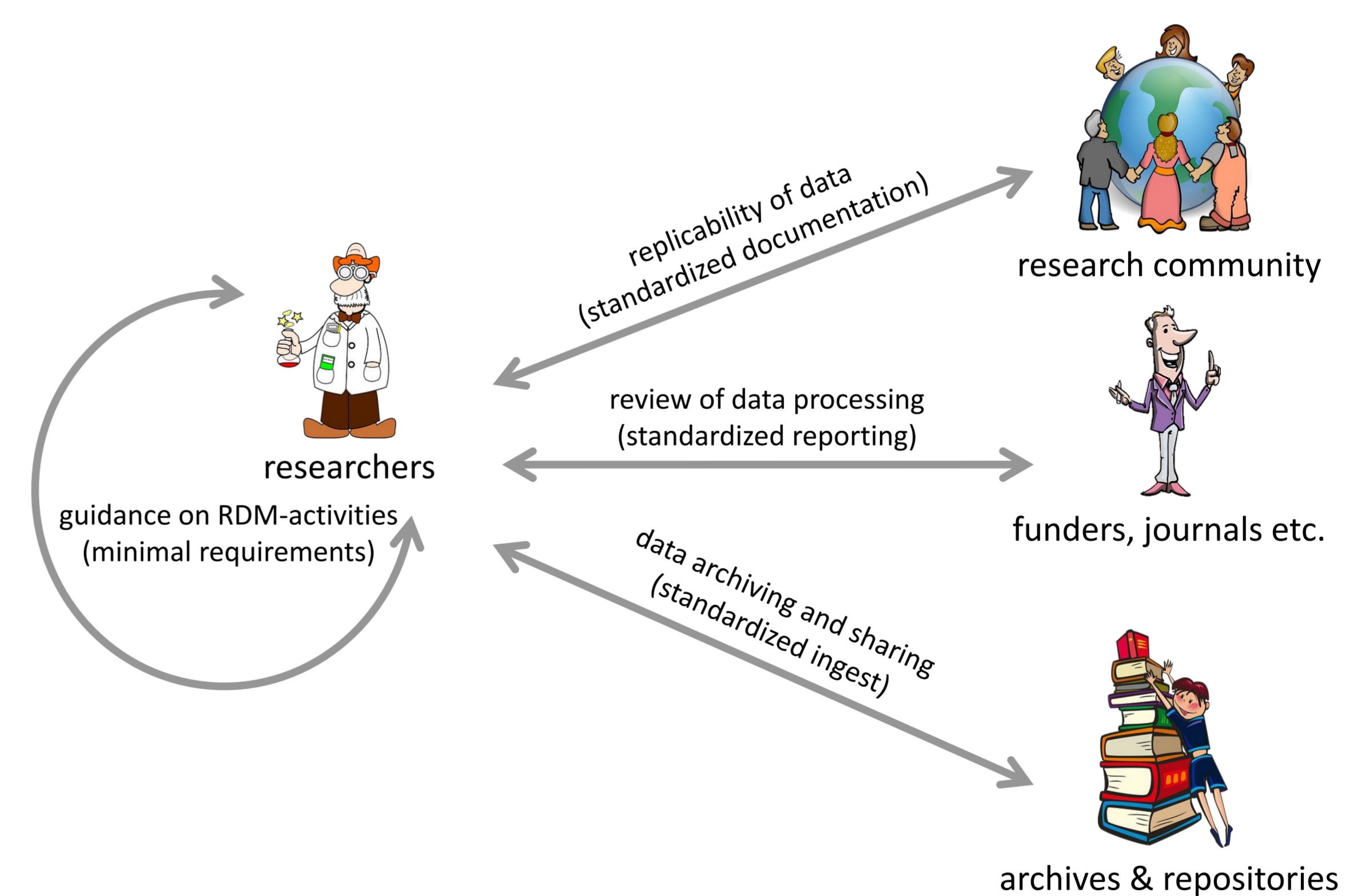


Elements of Domain Data Protocols

- defining a minimum set of requirements on what FAIR data should look like providing use cases, standards, guidelines, regulations and further resources to do so
- according to the FAIR Data Principles to archive data in a trustworthy repository and share it as open as possible with others

Benefits of Domain Data Protocols

- assisting researchers in doing excellent research data management
- enabling replicability of data and findings/results
- simplifying review processes (funders, journals etc.)
- supporting long-term data preservation and data sharing (data ingest)



Images: www.pixabay.com (CC-0)

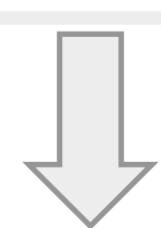
Concept of Domain Data Protocols (DDP)

- ▶ defining minimal requirements
- ▶ RDM-activities to create data following the FAIR Data Principles



Developing Data-Specific Elements for

- ▶ cross-section data
- ▶ longitudinal studies
- ▶ performance tests
- ▶ multi-actor studies and third party data
- ▶ computer-based data collection
- ▶ stratified sampling
- ▶ external data gathering
- ▶ transcripts
- ▶ audio and video data



Implementing DDPs in Online Tools

- ▶ implementing DDPs in *Research Data Management Organizer* (RDMO)
- ▶ promoting the use of DDPs in educational research



The Project's Approach

- develop minimum set of requirements
- adopt specific needs according to data types and methods
- gather relevant standards, regulations and further resources
- implement Domain Data Protocols in *Research Data Management Organizer*
- involve the educational research community in the development of Domain Data Protocols to foster implementation and usage

How to Cite:

Domain Data Protocols for Educational Research: Support Creating FAIR Data. Verbundprojekt DDP-Bildung. <https://www.dipf.de/de/forschung/aktuelle-projekte/domain-data-protokolle-fuer-die-empirische-bildungsforschung>. BMBF Grant Agreement Number: 16QK01.



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