

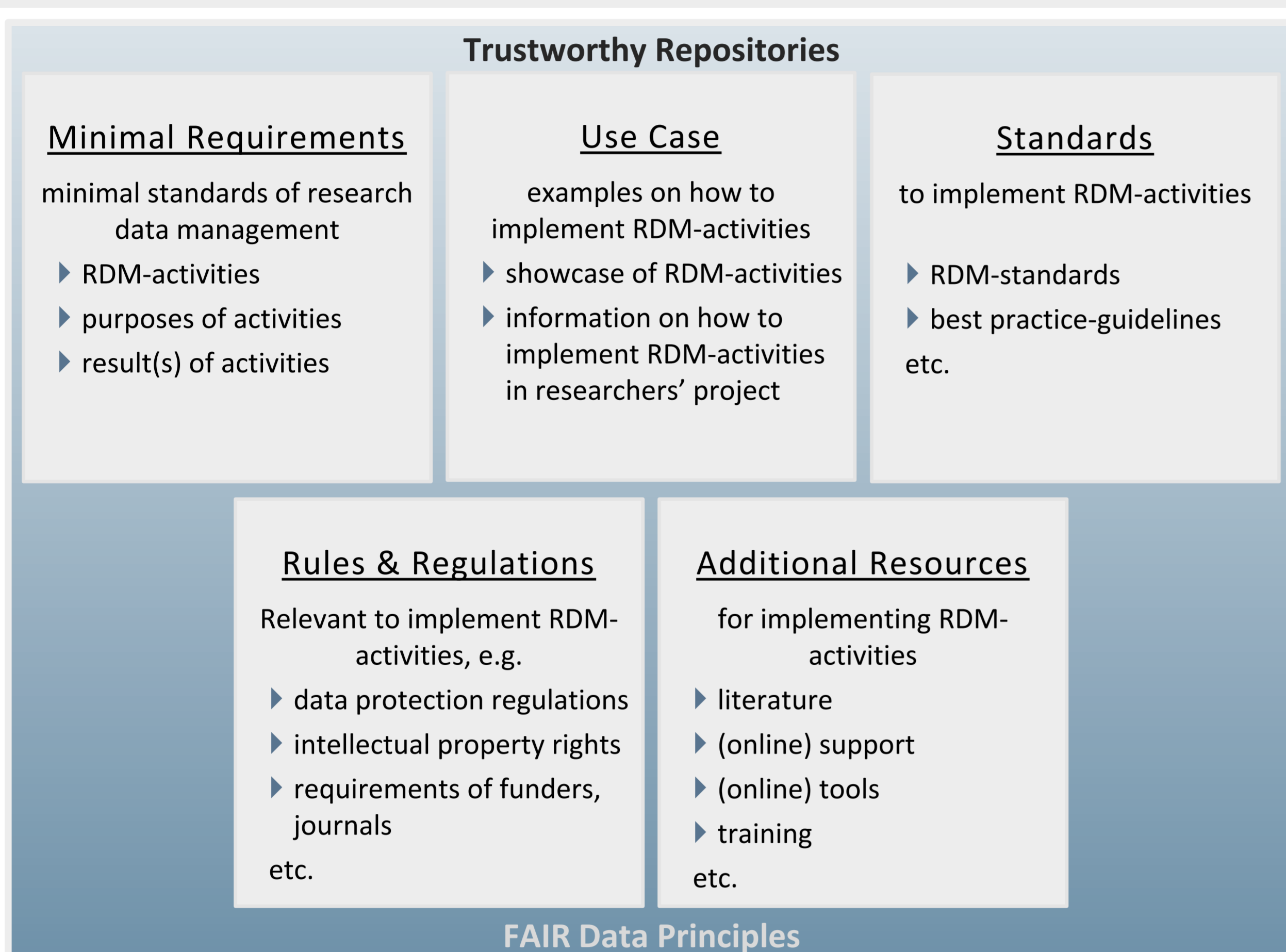
# Developing Domain Data Protocols for Educational Research in Germany

## 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



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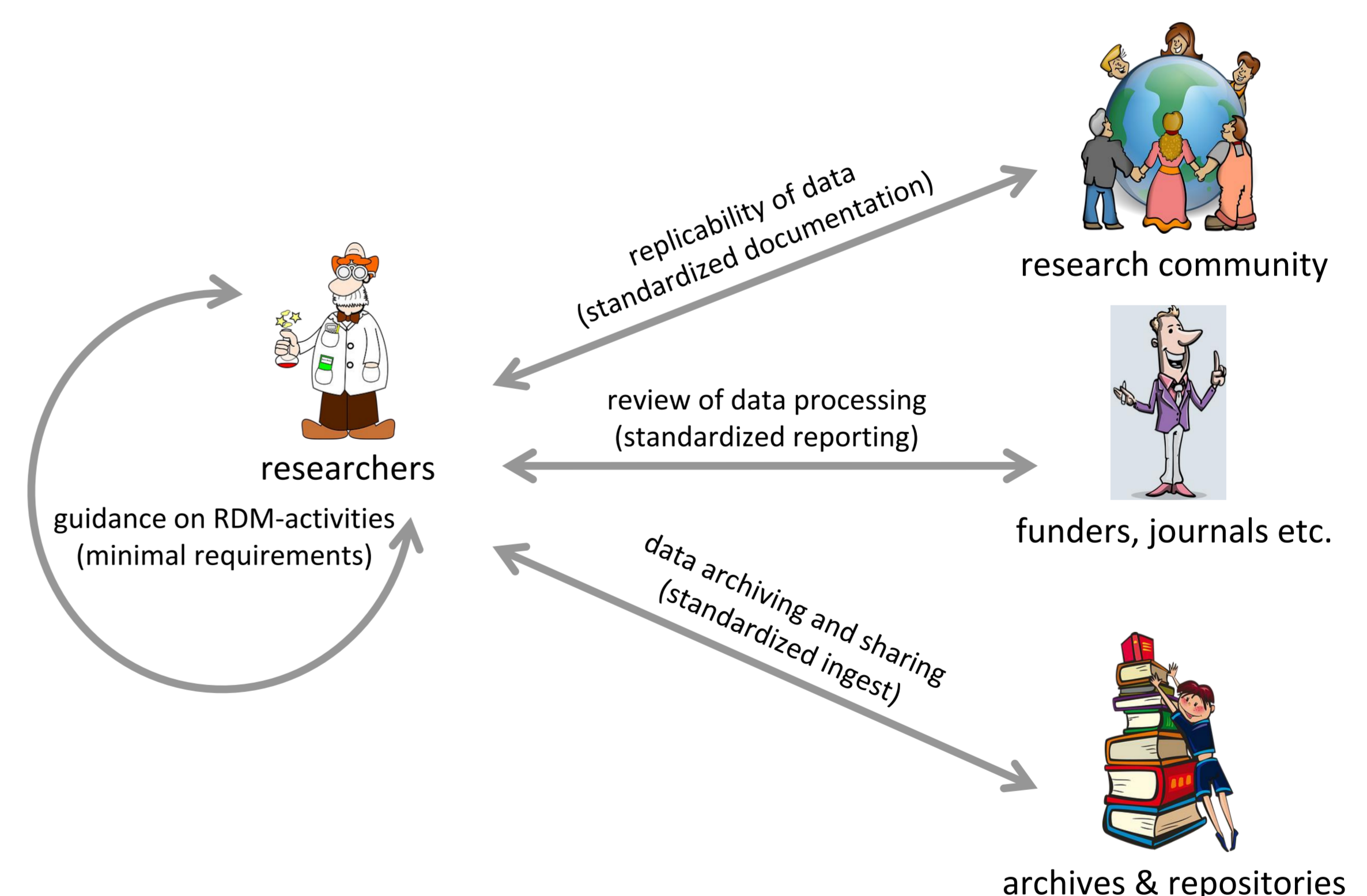


## Elements of Domain Data Protocols

- defining a minimum set of requirements on what FAIR data should look like
- providing additional explanations (use case), standards, guidelines, regulations and further resources to do so
- embedded in the FAIR Data Principles and the opportunity to archive such data in a trustworthy repository

## 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)



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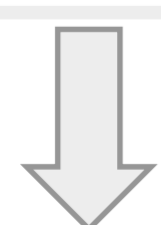
### Concept of Domain Data Protocols

- ▶ defining minimal requirements (on what FAIR data should look like)
- ▶ 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 DDPs in Research Data Management Organizer (RDMO)
- involve the educational research community in the development of DDPs to foster implementation and usage