

*“Setting up a research data centre [...] both increases the productivity of higher education research and highlights its use as a producer of research results.”*

Position Paper (in German) of the Society for Higher Education Research (2015)<sup>1</sup> (translation by the authors of this poster)

## Setting up a Research Data Centre (RDC)

in accordance with the criteria of the German Data Forum (Rat für Sozial- und Wirtschaftsdaten; RatSWD)

### Background Information

- Setting up a RDC for higher education research and science studies
- Project duration: 2015 - 2017
- Project advisory board includes representatives from:
  - Higher education research and science studies
  - Research data centres
  - Informatics respectively research infrastructure

### Data Preparation

- Preparation of quantitative and qualitative data sets of the German Centre for Higher Education Research and Science Studies (DZHW)
  - Graduate panel
  - Panel Study of School Leavers with a Higher Education Entrance Qualification
  - Social Survey
  - First-year Students Survey
  - Scientists Survey 2015
  - One qualitative survey (topic: science and family)
- Data Documentation in English and German

### Implementing RDC infrastructure

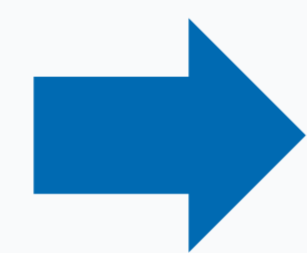
- Online search for datasets and variables
- Documentation standards
- Different data accesses with graded levels of anonymisation
  - Download
  - Remote Access
  - On-Site
- Registration of DOIs
- Archiving
- Processes and contracts for data submission (to the RDC) and data access (for scientists and lecturers)

## Outlook: Research Data Centre for Higher Education Research and Science Studies in Regular Operation

from summer 2017

### Data acquisition

- Submission of data, documentation and metadata (to the RDC)
- Ensure compliance of submitted data with data protection regulations for subsequent use
- Assessment of data quality
- Potential of data for secondary analysis
- Consulting concerning data management plans



### Data Preparation

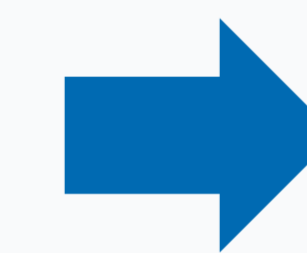
- Preparation of metadata for the RDC
- Scientific Use Files (SUF), Campus Use Files (CUF) and documentation of DZHW data
- DOI registration

### Search

- Datasets
- Variables
- Project descriptions

### Archiving

- Long-term data backup (digital preservation of data and documentation)
- Ensure readability and usability



### Data provision

- Provision of data through three different modes of data access
- User support and training regarding datasets and methods

Scientific work  
to secure competencies and skills about datasets, contents and methods

<sup>1</sup> Gesellschaft für Hochschulforschung [Society for Higher Education Research] (2015). *Lage und Zukunft der Hochschulforschung in Deutschland: Positionspapier der Gesellschaft für Hochschulforschung und ihrer Mitglieder.* [Situation and Future of Higher Education Research in Germany. Position Paper of the Society for Higher Education Research and its Members] Kassel, Germany. Source: [http://www.gfhf.net/wp-content/uploads/2015/06/Positionspapier\\_zur\\_Hochschulforschung\\_GfHf.pdf](http://www.gfhf.net/wp-content/uploads/2015/06/Positionspapier_zur_Hochschulforschung_GfHf.pdf) (accesses on 2016-08-30)

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