

# Research-Data Management at the Freie Universität Berlin

Basic Concept / University Library  
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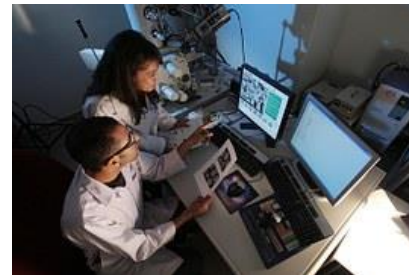
# Agenda

- Introduction
- Research-data management in Germany
- Research-data management at the Freie Universität Berlin

# What is research data?

„Research data is data collected or generated during research. [...]. Research data comes in different forms (measurement data, pictures, geographical data, models, chromatograms, surveys).“

Utrecht University Library: Research data: Get going <http://libguides.library.uu.nl/c.php?g=202247#s-lg-box-wrapper-4734378>



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# Reasons to start with a service for research-data management?

## Requirements by the research funders e. g.

Deutsche Forschungsgemeinschaft (DFG) – Guidelines for funding applications <sup>1)</sup>

- Considerations of subsequent use of the research data at the beginning
- Publication of the data as early as possible (unless prevented by third-party rights)
- Archiving for at least ten years

EU (Horizon 2020) – Open Data Pilot

- Data management plan

## Journal policies

e.g. PLoS

## Aims are

- free and unrestricted access to research data
- long-term availability of research data

„Forschungsdaten sollen möglichst frei und überregional zugänglich und langfristig verfügbar sein“

(Research data should be as free and supra-regional as possible open and long-term available.)

Umgang mit Forschungsdaten Dr. Stefan Winkler-Nees; Bad Honnef, 12. März 2010, Folie 2

[http://www.dfg.de/download/pdf/dfg\\_magazin/wissenschaftliche\\_karriere/heisenberg\\_treffen\\_2010/forschungsdaten.pdf](http://www.dfg.de/download/pdf/dfg_magazin/wissenschaftliche_karriere/heisenberg_treffen_2010/forschungsdaten.pdf)

# Research-data management (RDM) in Germany

- Germany – federal system: Bund and Länder
- no central administrative responsibility for universities, libraries, school system ...
- joint responsibility of Bund and Länder governments for science and research, in particular for non-university research institutions
- most important national research-funding organisation, DFG (Deutsche Forschungsgemeinschaft), funds many infrastructure projects in the context of research-data management, e.g. repositories for special disciplines



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# Research-data management (RDM) in Germany

## Some state projects and initiatives, e.g.

- Baden-Württemberg: Projekt bwFDM-Communities  
Project aimed at identifying scientists' requirements towards services and infrastructure with regard to research-data management; results were published in 2015 <sup>2)</sup>
- Nordrhein-Westfalen: AG „Forschungsdatenmanagement in NRW“ – c/o DV-ISA  
Central tasks <sup>3)</sup>
  - Development of a concept for NRW
  - Central services
  - Further recommendations in the context of research-data management

**But mainly activities carried out by the individual university or research institution**

# RDM at Berlin universities

## No common concept – different activities at each university

Humboldt-Universität <https://www.cms.hu-berlin.de/de/ueberblick/projekte/dataman/willkommen>

- Activities for several years
- Consultation services
- Periodic workshops
- Data Policy 2014 <https://www.cms.hu-berlin.de/de/ueberblick/projekte/dataman/infos/policy>
- LAUDATIO – project „research data repository for historical corpora”
- No institutional repository

Technische Universität <http://www.szf.tu-berlin.de/>

- Institutional repository [DepositOnce](#) (repository for research data and publications)
- Consultations



# Freie Universität Berlin – University Library

## Start of RDM activities: October 2015

- new position: one librarian with special focus on RDM
- CIO draft December 2015, rev. April 2016
- meeting with colleagues from University Research Strategy Department
- March 2016: inclusion of presentations covering RDM in the B.A.-program information-literacy course
- April 2016: application procedure – additional staffing IT Department with special focus on repositories
- June 2016: presentation at a day of good scientific praxis

# Basic Concept / University Library

CIO Draft December 2015 / rev. April 2016

## Information

- Information Center for the University's researchers
- Consultation Services
- Training

## Infrastructure

- Institutional repository for research data

# Basic Concept – Information

## Information Center

- Central helpdesk
- Website, newsletter
- Information material

## Consultation Services

- Project application and RDM
- Data management plan
- Selection of repositories
- Virtual research environments
- Technical questions (backup, data structure, versioning, storage)
- Legal issues (copyright, licences, privacy, third-party rights)

## Training

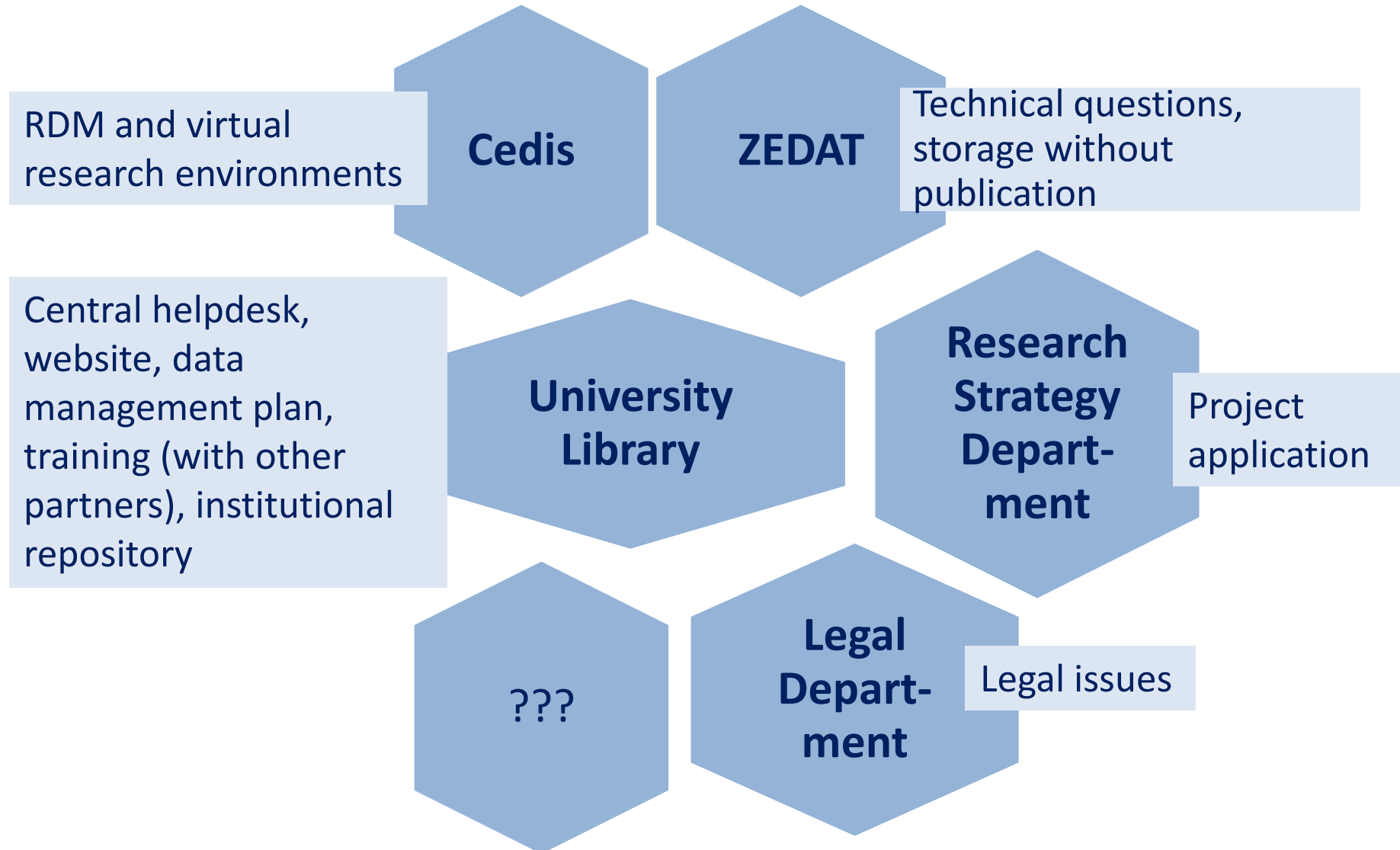
- Workshops for researchers
- Dahlem Research School
- B.A.-program information-literacy course

# Basic Concept – Infrastructure

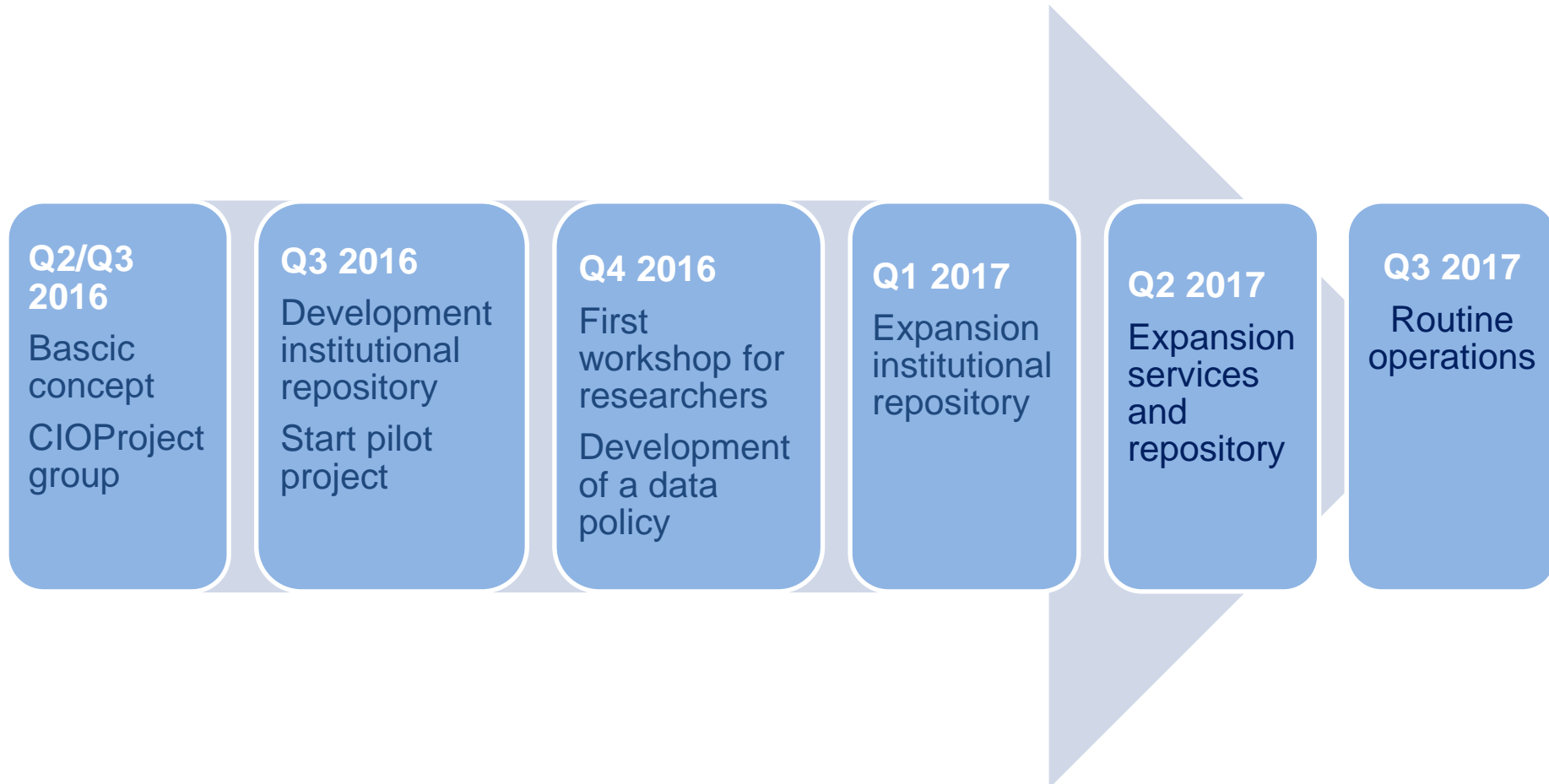
- Institutional repository for publication of research data (in absence of suitable disciplinary repository)
- Software: DSpace
- Interface connection with
  - publication repository and dissertation repository
  - research information system
- Use of metadata from other systems e.g. University research system

# Basic Concept / University Library

## Potential RDM Partners



# Basic Concept – Timetable



# Notes

1) Deutsche Forschungsgemeinschaft (DFG): Leitlinien zum Umgang mit Forschungsdaten (2015)

[http://www.dfg.de/foerderung/info\\_wissenschaft/2015/info\\_wissenschaft\\_15\\_66/](http://www.dfg.de/foerderung/info_wissenschaft/2015/info_wissenschaft_15_66/)

2) Öffentlicher Abschlussbericht von bwFDM-Communities : Wissenschaftliches Datenmanagement an den Universitäten Baden-Württembergs. Projektzeitraum - 1. 1. 2014 bis 30. 9. 2015. Projektleitung: Frank Tristram.

<http://bwfdm.scc.kit.edu/downloads/Abschlussbericht.pdf>

3) Bilo, Albert: Forschungsdatenmanagement in NRW – Stand und Ausblick. Vortrag Infotag e-science RWTH Aachen 20.01.2016

[https://www.rwth-aachen.de/global/show\\_document.asp?id=aaaaaaaaaapzgrb](https://www.rwth-aachen.de/global/show_document.asp?id=aaaaaaaaaapzgrb)

4) „Grundsätzlich ist die Förderung von Wissenschaft und Forschung gemäß der Vorgaben des Artikels 91b Grundgesetz (GG) eine sogenannte Gemeinschaftsaufgabe von Bund und Ländern. Art. 91b GG lautet in der 2006 verabschiedeten neuen Fassung:

(1) Bund und Länder können auf Grund von Vereinbarungen in Fällen überregionaler Bedeutung zusammenwirken bei der Förderung von:

1. Einrichtungen und Vorhaben der wissenschaftlichen Forschung außerhalb von Hochschulen.
2. Vorhaben der Wissenschaft und Forschung an Hochschulen
3. Forschungsbauten an Hochschulen einschließlich Großgeräten

Vereinbarungen nach Satz 1 Nr. 2 bedürfen der Zustimmung aller Länder.“

<https://www.bmbf.de/de/forschungspartner-417.html>