### University of Cologne (UoC) at a Glance

- **Classical research-oriented University, founded 1388**
- **Broad spectrum of disciplines: Humanities, Life, Natural & Social Sciences, organized in six faculties**
- **Well-developed Profile Areas**
  - Centers of Excellence (CoE)
  - Competence Areas (CA)
- **Research and Teaching Centers, e.g.**
  - Cellular stress responses in Aging Associated Diseases
  - Center for Molecular Medicine Cologne
  - Cologne Center for Genomics

### KEY FACTS (2016)

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
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<tbody>
<tr>
<td>Students</td>
<td>48,962</td>
</tr>
<tr>
<td>Professors</td>
<td>615</td>
</tr>
<tr>
<td>Academic Staff</td>
<td>7,393</td>
</tr>
<tr>
<td>Degrees awarded p.a.</td>
<td>6,473</td>
</tr>
<tr>
<td>Ph.D.-degrees p.a.</td>
<td>635</td>
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<tr>
<td>Total expenditure</td>
<td>725 Mio € p.a.</td>
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<tr>
<td>Third party funds</td>
<td>196 Mio € p.a.</td>
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RDM Pilot project at the UoC

- Feasibility study on RDM on behalf of the UoC Rectorate from Oct 2016 to Jan 2018

- Project partners:
  - Regional Computing Centre (RRZK)
  - Dep. Research Management (D7)
  - University and City Library (USB)

- Governance:
  - Steering committee (vice-rector research, prodeans research, dep. head Research Management, director RRZK, director USB)
  - Project lead: dep. head Research Management, director RRZK, director USB
  - Project team: staff members D7, RRZK, USB

- Budget: travel costs only
Research landscape at UoC
Research landscape at UoC
Research landscape at UoC

Faculty 1
Joint Project

Faculty 2
Joint Project

Faculty 3
Joint Project

Faculty 4

Faculty 5
Project

Faculty 6

Library
Computing Centre
Research Management

RDM Activities
RDM services at the UoC

- Individual consultation services
- System services
- Training and information sessions
- Data archiving services
- Web based information services
- Central proof of research data
Proposed RDM structure at UoC

Central RDM @ UoC
Steering Group
Service Center Research Data
Research Management, Library, Computing Centre

Expert Network

Forum Research Data
Discussion platform for delegates of RDM related areas of UoC

Exchange
Common Workflows
Exchange

IT - Infrastructure
Computing Centre
Library
Discussion/ Conclusions

- **Bottom-up process in decentralized structure**
  - Acknowledge existing structures (esp. power structure)
  - Balance between centralized and decentralized structures (e.g. Personnel, IT-Resources)

- **Workflows**
  - Roles and Responsibilities
  - Effectiveness of infrastructure

- **Sustainability**
  - Proposed network/ cooperation structure for building a RDM community - 1st step towards establishing consensus about requirements for a sustainable infrastructure
  - Need university leadership for support/ incentives
  - Consider internal and external funding flows
Thank you!

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RDM in a centralized university ecosystem – A case study of the University of Cologne

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