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Open Science Support

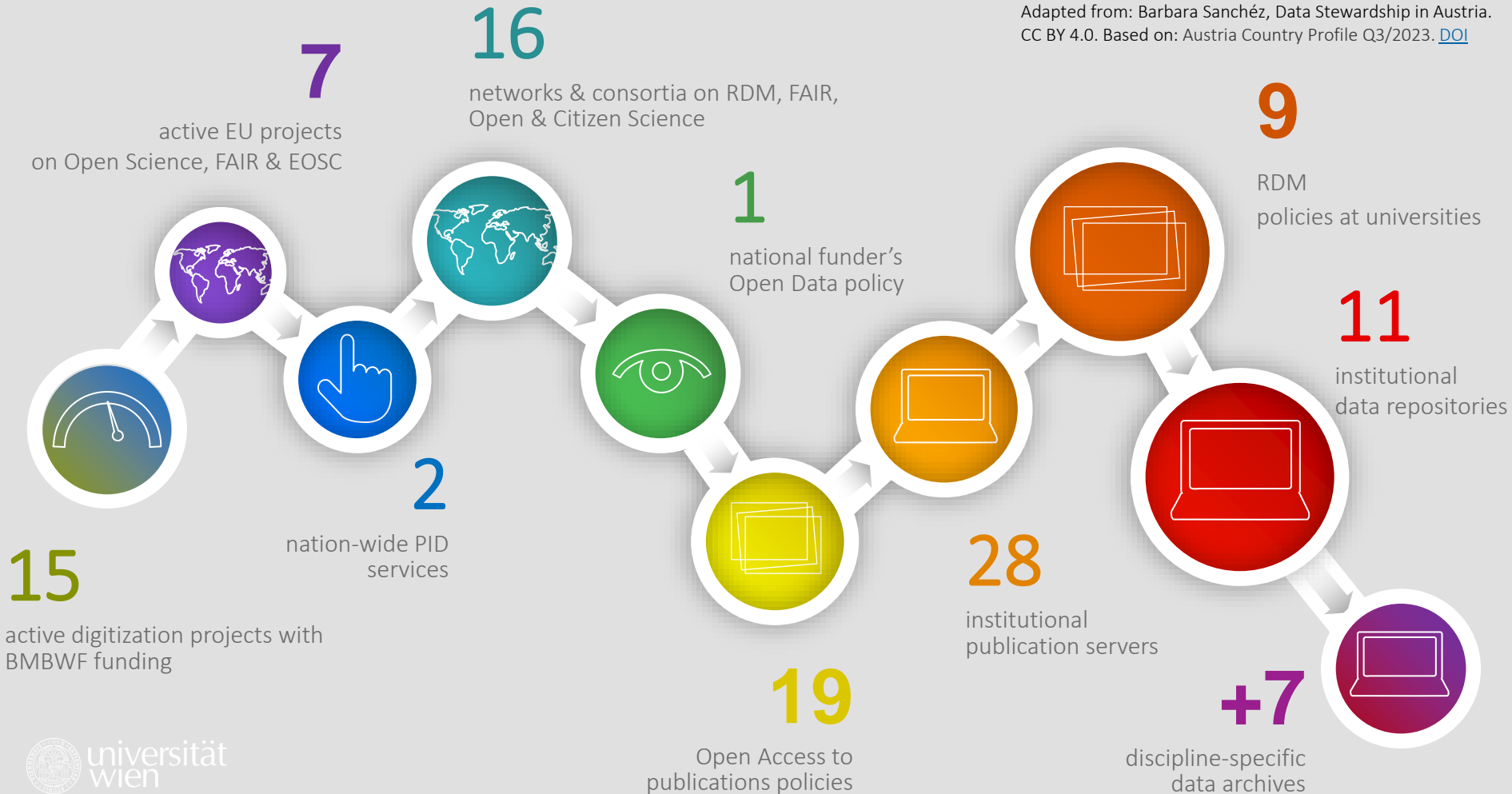
At the University of Vienna

Open Science Week 2023, Oct 17, 2023 – Tereza Kalová



“On Wednesday, February 23, 2022, the Open Science Policy Austria was adopted. With [...] this Open Science Policy Austria, **Austria is committed to the Open Science movement and the European Open Science Cloud (EOSC).**”

Complementary Open Science Strategy is in progress.

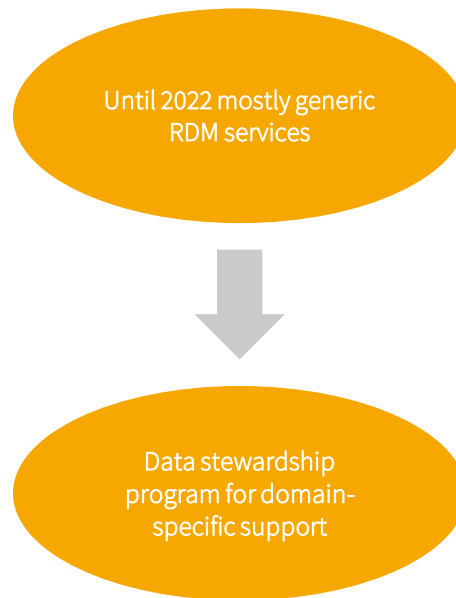


Open Science Support at the University of Vienna

- University Library Research Support Services fostering Open Science ([link](#))
- Open Access Office ([link](#))
 - [Open Access policy](#) (2014)
- Research Data Management (RDM) Support ([link](#))
 - [RDM policy](#) (2021)
 - Repositories
 - Data Stewards

Research Data Management at the University of Vienna

- **University-wide Research Data Management WG – strategic development**
 - Coordinated by the University Library
 - Vice-rector for Digitization and Knowledge Transfer
- **Research Data Management (RDM) services** are the joint effort of the:
 - Library
 - Computer Center
 - Research Support and Career Development
 - Center for Teaching and Learning
 - (Selected) Faculties and Research Centers – Data Stewards
 - Department of Innovation and Digitalisation in Law – Legal Helpdesk
 - Quality Assurance



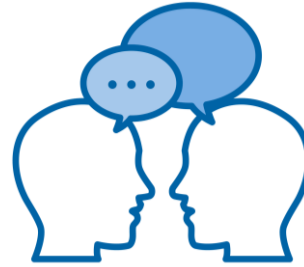


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Data Stewardship

Tasks, Competences, Models

Networking and collaborating (inter)nationally



Providing advice and support to researchers

Designing and delivering training



Data Stewards:
Task Areas

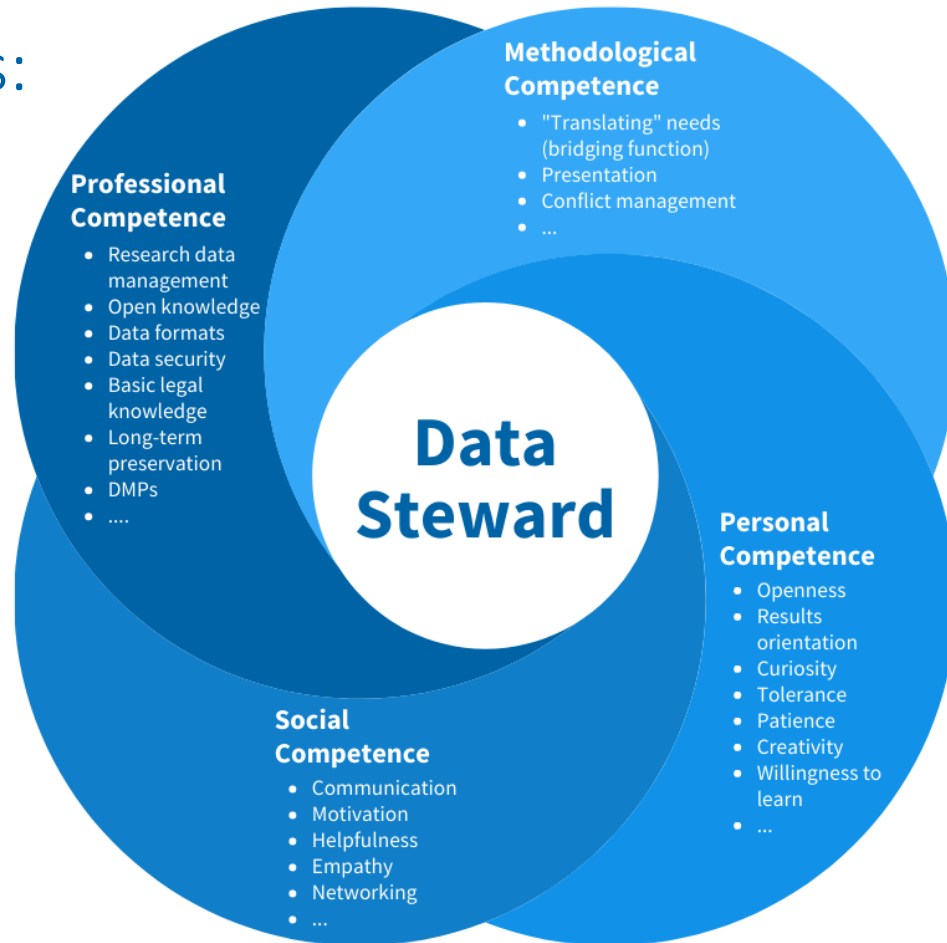


Conducting needs-assessments and requirements engineering



Bridging the gap between researchers and support staff

Data Stewards: Competences



Data Steward Organizational Models

Developed by the [FAIR Data Austria](#) project, based on international best practices

- Model 1: Data Steward Contact Point



Generic and
advisory



- Model 2: Data Steward Office



- Model 3: Data Steward Network



Embedded and
operational

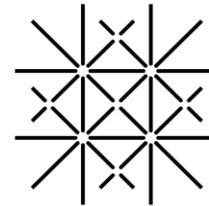
Community-Based Data Stewardship Approaches

- Bottom-up vs top-down approach
- **10s-100s** of data stewards at one institution
- Data stewards on department or project level
- Part-time or “voluntary” data stewards
- Typically **coordinated** by the **central Open Science or RDM teams**



**UNIVERSITY
OF OSLO**

[Data Managers Network](#)



**Universität
Basel**

[Data Stewardship program](#)



Data Stewardship

at the University of Vienna



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Data Stewardship at the University of Vienna



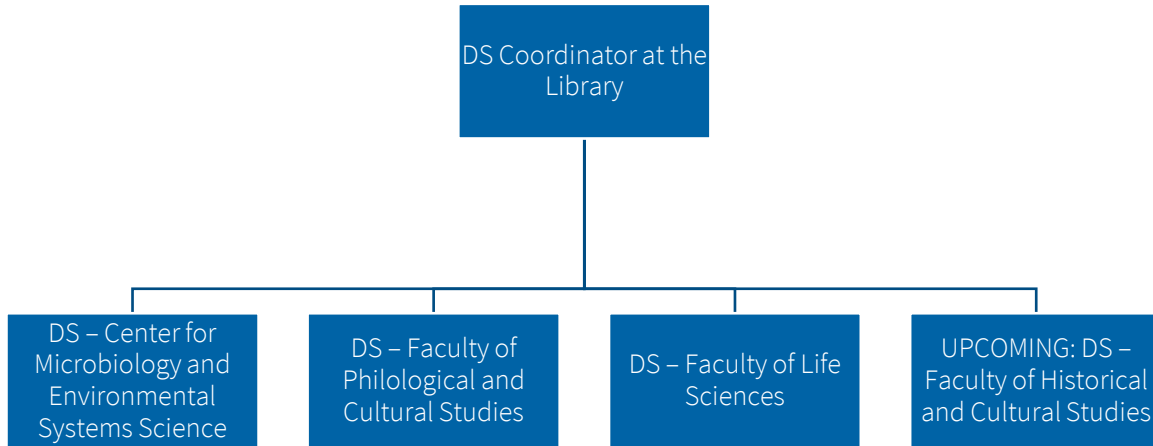
1. Data Steward Network (part of the Research Data Management team)

- **1 coordinator** at the University Library
- **Embedded data stewards** at (selected) faculties and research centers providing domain-specific support

2. “Data Steward” Certificate Course

Data Steward (DS) Network

Pilot phase 2022-2025



Main Responsibilities:

- Support and consulting
- Training
- Needs assessment
- Workflow development

“Data Steward” Certificate Course



Competence
Acquisition



Peer-to-Peer Learning



Community

“Data Steward” Certificate Course

The Basics

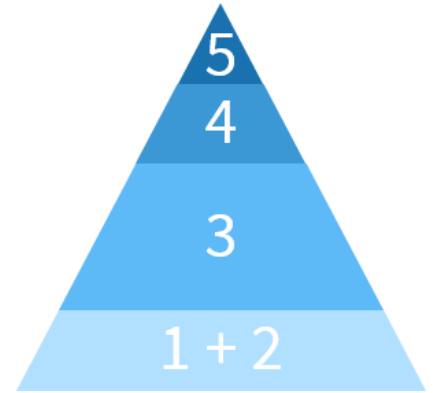
- Part-time further education program based on the “[Data Librarian](#)” course, the results of the [FAIR Data Austria project](#) and similar training courses (such as [DataTrain](#) or [Zertifikatskurs FDM](#) in Germany)
- **Academic degree:** Certificate of the University of Vienna
- **Language:** English
- **Duration and scope:** 2 semesters/15 ECTS credits
- **Target groups:** Researchers and research support staff
- **Costs:** 2950 €

GOAL: To upskill existing staff and prepare new hires for the challenging role of data stewards

“Data Steward” Certificate Course

Modules

- **Module 1 (2 ECTS) in Vienna:** Basics of Research Data Management (RDM) and Open Science
- **Module 2 (3 ECTS) online:** Basics of IT und Data Science
- **Module 3 (6 ECTS) online:** FAIR Data in the Research Data Lifecycle
- **Module 4 (2 ECTS) online:** RDM Support
- **Module 5 (2 ECTS) online:** Data Stewardship in Practice: Project Work



Data Steward Course 2022-2023

- 25 participants from 10 countries
- **Research disciplines** including arts and humanities, social science, natural and life sciences, computer science

“The whole module was like ‘I can go in my job and immediately implement what I learned’. This was really good.”

“I was very impressed by the quality of the instructors, the organization and the material presented.”

Next Actions

- **Second round** started in **October 2023**
 - 26 participants from 12 countries incl. 2 from CZ
- Possibilities for **international collaboration**:
 - Finnish national Data Steward Training Program
 - Latvian national Data Steward Program
 - Slovenian national Data Steward Program "SPOZNAJ"

Sing up for our newsletter!

The next course starts in October 2024.



["Data Steward" course website](#)



We cannot foster Open Science
without good Research Data
Management.



Where to Start?

- **Assess the needs of the community**
 - Use existing data and literature
 - Conduct your investigations
- **Link policies with institutional commitment**
 - Invest in staff and infrastructure
- **Leverage existing expertise**
 - Create a competence network
- **Train your staff**
 - Attend (free) training courses
 - Take part in Erasmus exchange programs

- **Get involved!**

Thank You!

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Thanks to the Data Steward team – Monika Bargmann, Michael Feichtinger and Emily J. Kate, for their support with this presentation.



For more information on the University of Vienna RDM services and the Data Stewardship Program, go to rdm.univie.ac.at or follow the QR code.