

A current research information system and its role for the reusability of datasets

BORIS Portal is the Current Research Information System (CRIS) at the University of Bern (UniBE). It provides access to datasets from research at UniBE and makes their context visible by linking them to project information and publications. Responsibility for BORIS Portal lies with the UniBE Open Science team.

Services for reusability

Data Curation

- Submission review
- Metadata check
- File integrity
- Documentation

Training and awareness-raising

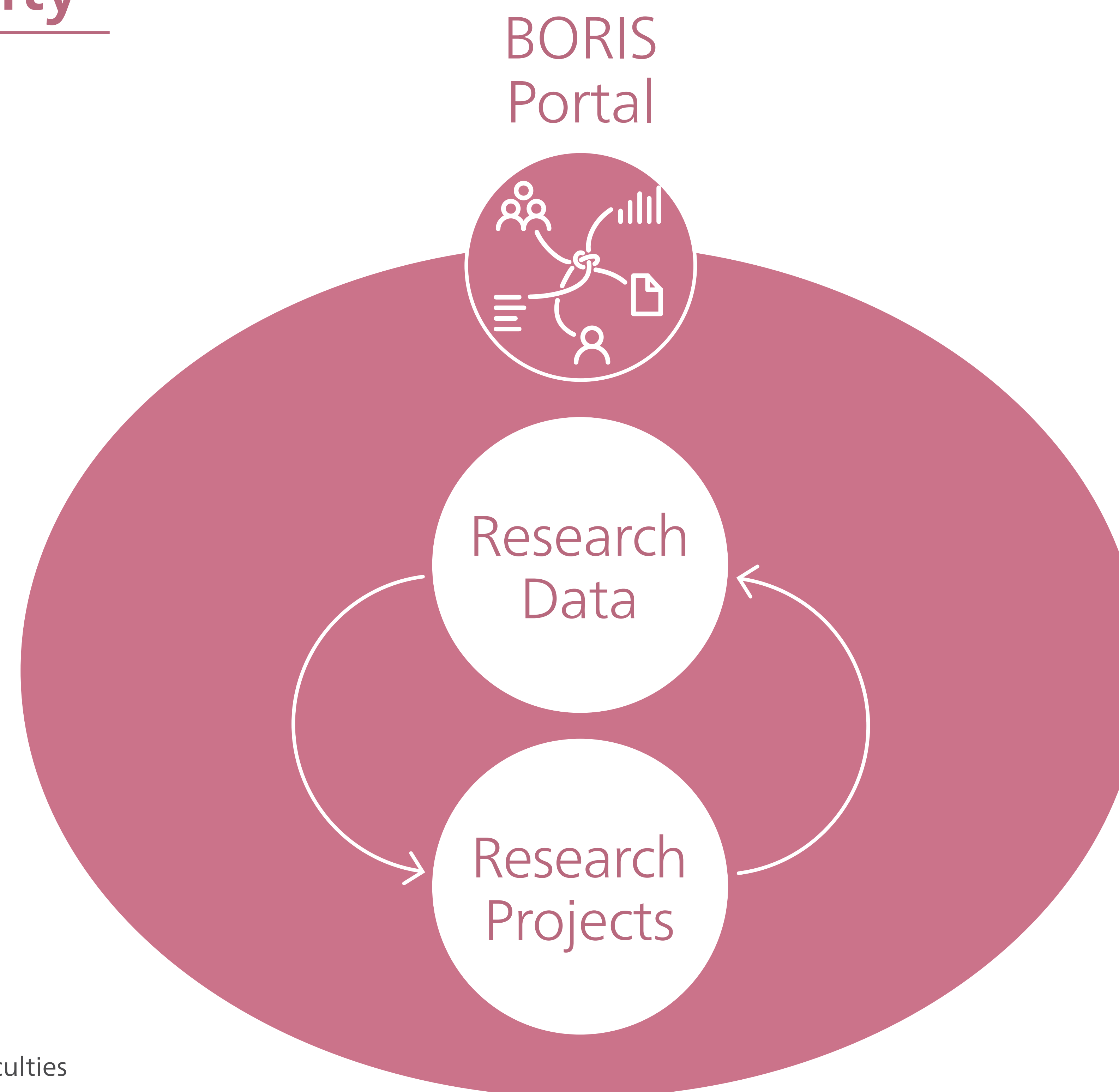
- Monthly info events
- New training events: data quality and metadata, ethics in RDM, data reuse

Perspectives

- Long-term storage and data deletion policy
- Data stewardship and long-term responsibility
- Individual guidance on data publishing

! What we have learned so far

- Based on pilot test with 7 out of 8 faculties and 9 months of productive phase
 - 21 datasets published (12 with an open license)
 - 19 funded projects published
 - Many researchers provide data documentation when asked for it
 - Researchers appreciate university in-house solution and support
- It is essential to explain the importance of reusability and to provide researchers with tools!



↑
BORIS
Publications



↑
BORIS
Theses



A system for reusability

Metadata and documentation

- Linkage between project information, research data and publications
- Standard metadata (Dublin Core)
- Dedicated metadata for clinical trials

Data access and transfer

- Access types: open, embargo, restricted, closed
- Data transfer agreements (restricted or closed data)

Challenges and perspectives

- Merging with Open-Access publication repository
- UniBE alumni cannot manage their datasets on BORIS Portal
- Profile pages for researchers
- More subject-specific metadata standards
- Statistics for item views and downloads

Software

- DSpace CRIS 5.6
- Switch to DSpace 7 planned for 2023/24

Project partners

Vice Rectorate Research, Clinical Trials Unit, IT, Sounding Board "Research Data", 4Science