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UiT Open Research Data and our experiences using Dataverse

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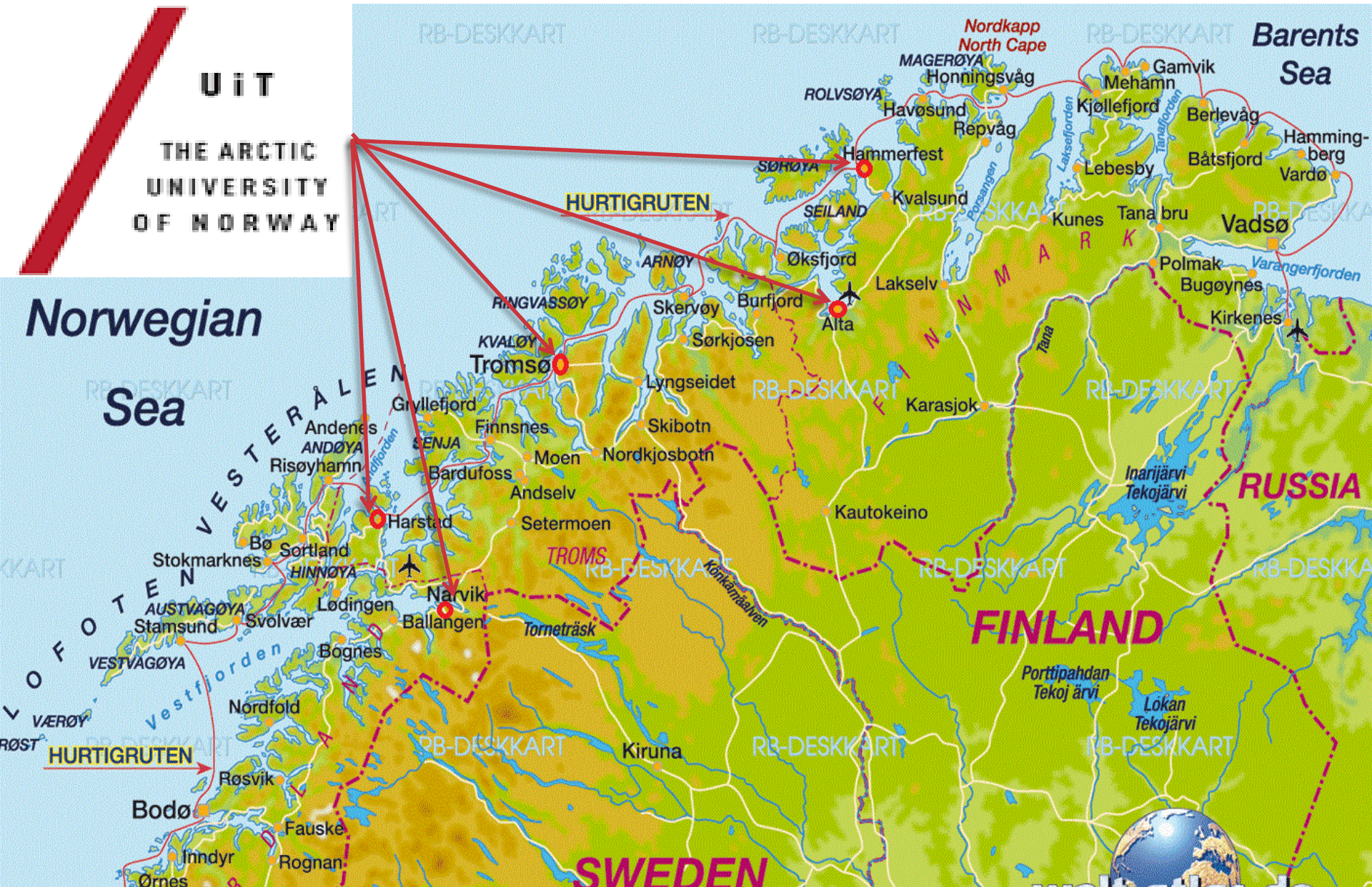
[Dataverse Community Meeting 2016](#)
July 11, 12, 13 at Harvard Medical School



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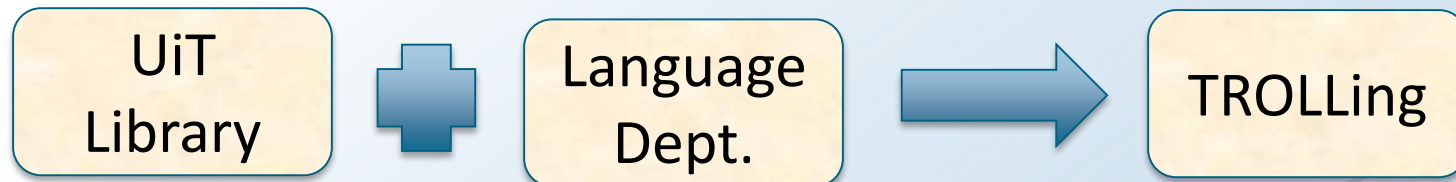
**Norwegian
Sea**



5 Campuses: Alta, Harstad, Hammerfest, Narvik, Tromsø

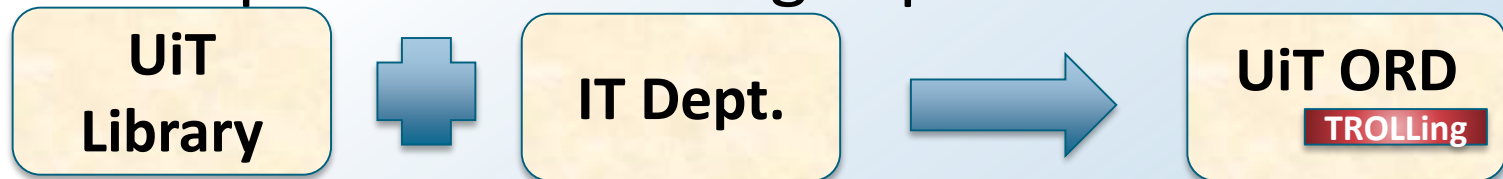
Background & Discipline specific collaboration

- Researchers at the Department of Language and Linguistics needed an OA platform where linguists worldwide can deposit, discover and share datasets and statistical methods
- The UiT Library has a long history of working with OA, since 1999
- Pilot project collaboration (2013 – 2014)
- Gave birth to TROLLing -The Tromsø Repository of Language and Linguistics

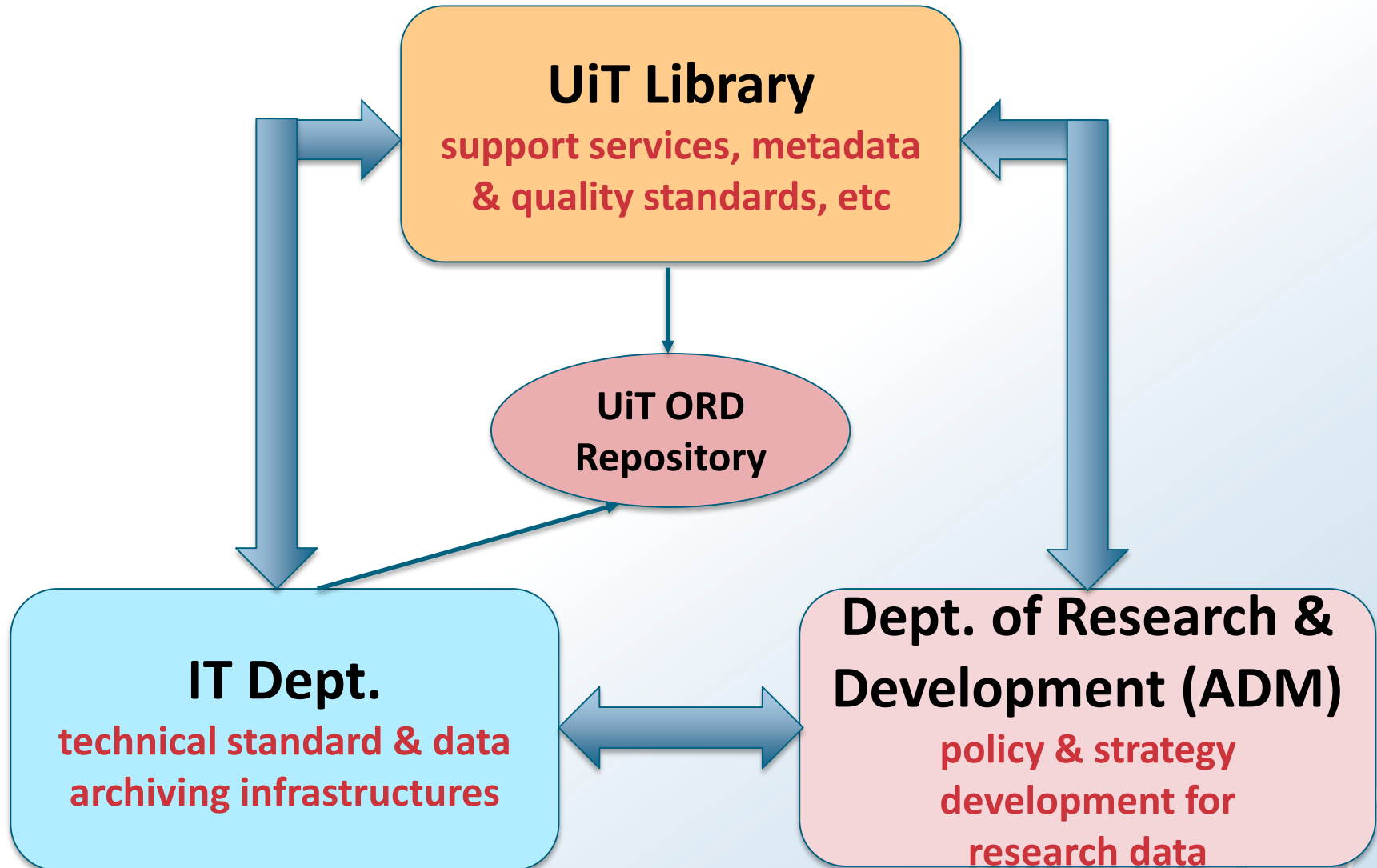


Institutional Data Archive collaboration

- New project between the IT Dept. and the Library (2015 - May 2016)
- Some major project goals:
 - software framework to enable UiT to deposit/discover/share research data
 - develop support services that will be needed
- Built upon the TROLLing experiences



Administrative organization - UiT ORD - cross institutional collaboration



What have we done?

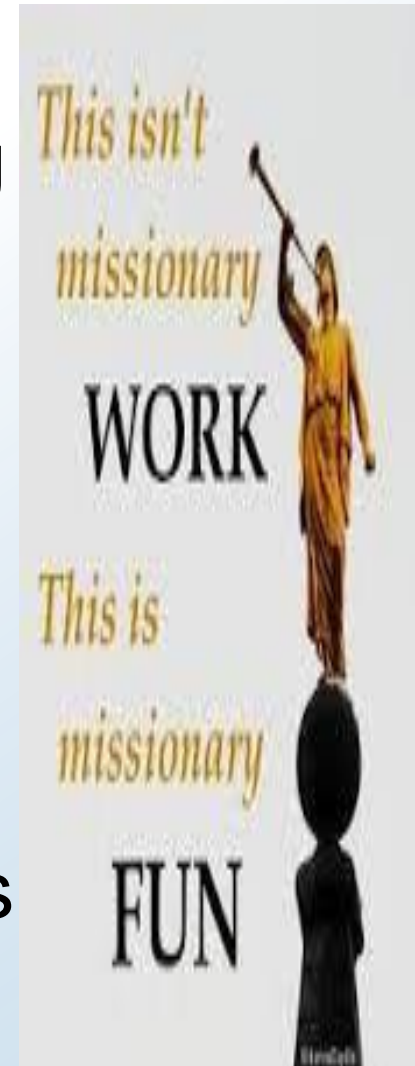
- **Migration** – Have migrated ORD system from Dataverse version 3.6.2 to 4.3
- **Institution Log In** - Shibboleth single sign-on system is configured with Feide as Identity Provider (IDP).
 - Feide is a centralized identity management solution for the higher educational sector of Norway
- **Data citation** - DataCite DOI
 - migrated datasets have HDLs



What we have done & are still doing?

- Promoting

- Promoting the use of the UiT ORD archive to capture past and ongoing research work by PhD students & researchers at UiT
- Promoting the benefits of data sharing
- Promoting the archive on social media
- Raising awareness of best practices and trends in data management



What we have done & are still doing?

- *Workshops*

- Tailoring workshops to walk researchers/ students through the submission process, etc
 - Workshops are well attended and we are consistently receiving positive reviews



What we have done & are still doing?

- *Surveying*

- Conducting institutional survey of faculty students and researchers to gather information about existing perspectives and practices managing research data



What we have done & are still doing?

- *competence building*

- Curations are currently carried out manually by the subject librarians
- Improving skills and competencies among staff:
 - Seminars
 - Conferences
 - Workshops
 - Meetings



Improvements in the realm of Dataverse 4.3?

- It is important that Dataverse distinguishes between open data and data with access restrictions, so that harvesting services can harvest open data in the global open access infrastructures
 - Proper identifications (via metadata & file-tagging)
- Below are some areas we would like some changes made & new functionalities added



Some improvement areas

Suggestion	Domain
System upgrade should be easier from 4.x (cf. upgrade from v3 to v4).	System
Apply two or more licenses on one dataset. May be useful for datasets containing aggregated data from different sources. But be aware of license stacking!	License
Configuration of metadata schemas and search fields: System should prevent selection of search field with no underlying metadata fields.	Metadata

Some improvement areas

Suggestion	Domain
Easy way to move datasets from root to a sub-dataverse after they have been created.	Administration
Option for choosing whether file containers (zip, tar) should be unpacked or not.	Data ingest
When downloading datasets with restricted files, "Request access" is also shown for data files without restrictions.	Download

Some improvement areas

Suggestion	Domain
Choose between different, pre-defined licenses	License
Automatic embargo handling for files with restrictions.	Access
Metadata field for link to article in institutional repository in addition to published version.	Metadata

Some improvement areas

Suggestion	Domain
Option for adding tags to ALL the files in current upload batch, i.e. before saving the files.	Metadata
Advanced metrics, e.g. according to country	Metrics
Make Dataverse remember previously used/visited sub-dataverse after visiting user account information page.	Navigation
Get files listed in result list when searching on file level.	Search

Learn more ...



UiT Open Research Data

support transparent and reproducible research

Archive : opendata.uit.no

Blog: site.uit.no/opendata

Contact: opendata@ub.uit.no

Facebook: facebook.com/ubuit/posts/1522345541350852

Youtube: youtube.com/channel/UCA_5WIRImOgx9cWMr7gLIjQ
youtube.com/watch?v=ICJw-Qd3ZZg Laura janda

Thanks for listening!

«Open research data is a natural step
towards open science»

Further Links/References

- UiT Open Research Data
<http://hdl.handle.net/10037/7879>
- TROLLing: defining, building, and operating an open archive for linguistic data
<http://hdl.handle.net/10037/9293>
- Pilotprosjekt infrastruktur for forskningsdata ved UiT (in Norwegian) -
<http://dx.doi.org/10.7557/sr.2016.4>
- Feide - <https://www.feide.no/>
- Dataverse - <http://dataverse.org/>