



UNIVERSITY OF TARTU

Research Data Management Practices at University of Tartu

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LIBER, Patras, 2017

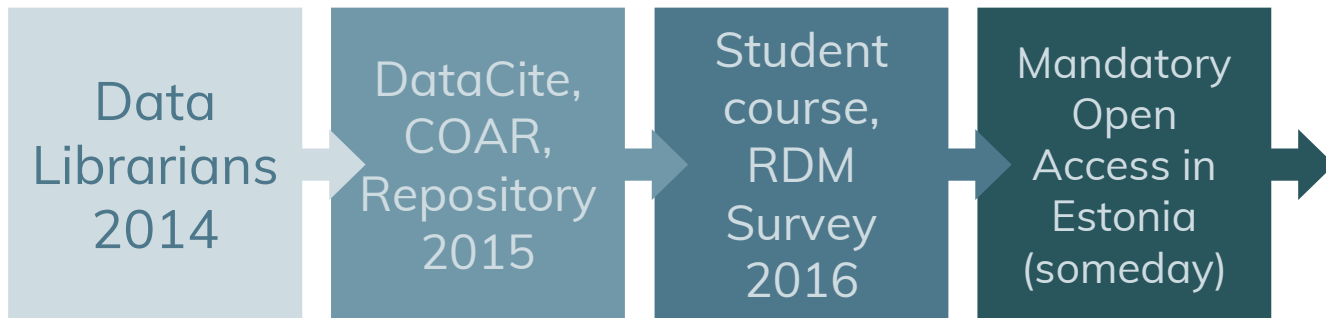
Estonia



University of Tartu



Open Science in the University of Tartu



Study

“Research Data Management and Sharing Practices among the University of Tartu Researchers and Doctoral Students in the Fields of Natural and Exact Sciences and Social Sciences” (Neerut 2016)



Aim of the study

Find out how research data is:

Collected → Preserved → Shared → Reused

Develop RDM services

Raise awareness about the RDM topic

Direct attention to the role of the library in RDM

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Target group

Researchers
PhD students

Faculty of Science and Technology
Faculty of Social Science

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Method

Online questionnaire (LimeSurvey)

Between 09.03-29.03.2016

Quantitative descriptive study (SPSS)

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Sample

391 responses (22% of staff members)

43% natural sciences

17% social sciences

40% not specified

35% researchers

23% graduate students

42% not specified

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Findings

Attitudes to data sharing

67% want to preserve their data indefinitely

81% believe others could be interested in my data

68% share their data with others



Q: Why data sharing?

A:

Increases opportunities for cooperation

Contributes to the development of my field

Improve reproducibility

Supports open access to knowledge

Enables cross-sectional studies

Helps to teach the future researchers

Minimises excessive collection of data

Protects the data from fabrication and fraud



**Only 48% of
researchers add
metadata**



Data Sharing

On request

To colleagues and partners

Physical data medium or e-mail

Only **9%** use repositories



**27% of researchers
experienced data loss**



Q: How do you store data?

A:

Workstation 47%

Personal computer 37%

Hard drive 27%

Paper 21%



48% never heard of
Data Management Plan

6% have prepared
Data Management Plan



Concerns

Ethical and legal aspects related to the sharing and re-using of research data

Data repositories

Research data management

Drawing up of the data management plan

How to get a DOI for a dataset





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Conclusions

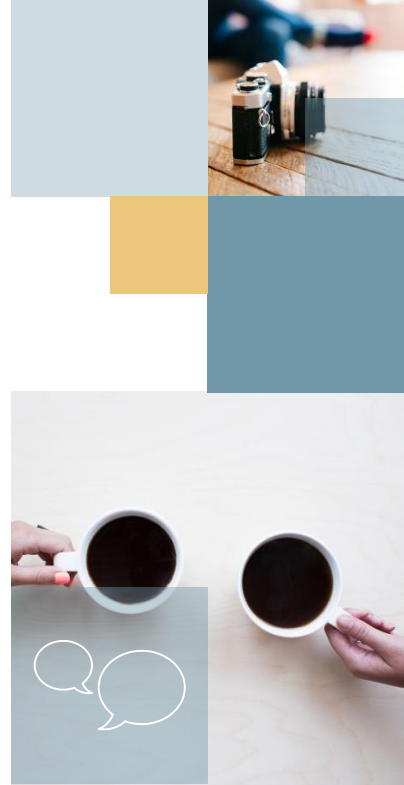
Summary

Researchers are ready to share their data, but the sharing is still rather sporadic

Researchers are not sure how to manage and archive their data

Lack of information and skills in creating metadata

Need of advice on legal issues, data citations, and DOI



Progress so far

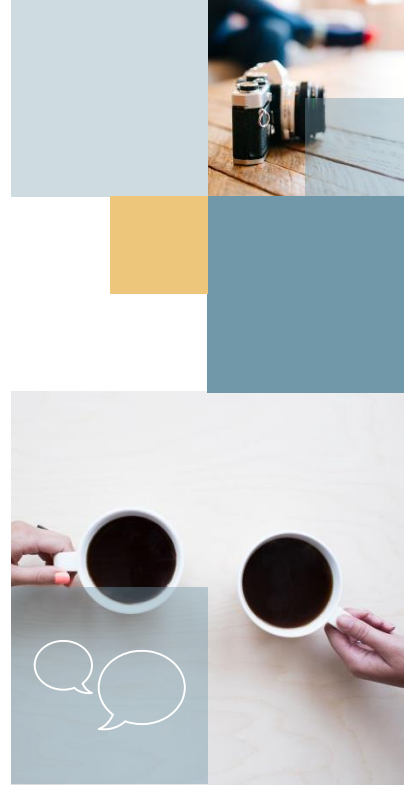
Joined OpenAIRE, COAR, DataCite

Taught PhD students aspects of RDM

Developed OA information webpage and repositories

Promoted DataCite and DOI, Data Management Plan, Horizon2020 data pilot guidelines

Cooperated with Estonian Research Council on the RDM topic



Next steps

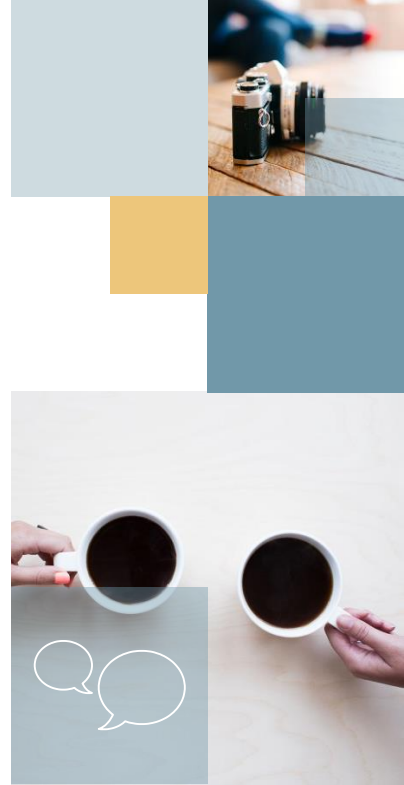
Create a data champions community

Improve the data infrastructure in the university

Create full e-course on RDM next year

Actively engage Open Science Policy stakeholders

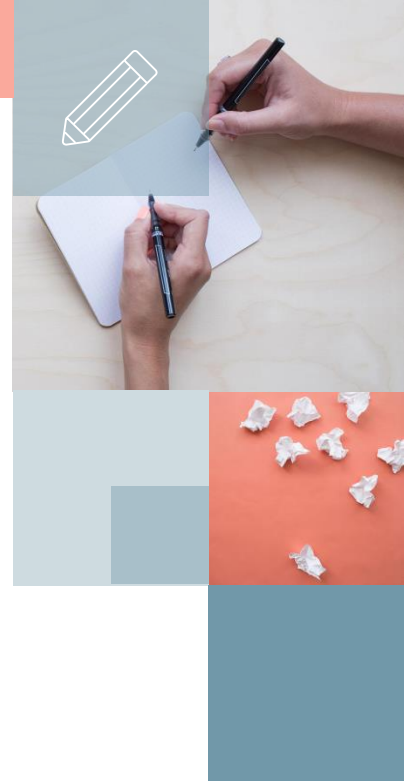
Expand research support team



Thanks!

Any questions?

You can reach me via lilian.neerut@ut.ee



Credits

<http://www.slidescarnival.com/titania-free-presentation-template/949>

<https://commons.wikimedia.org/wiki/File:%D0%A2%D0%B0%D1%80%D1%82%D1%831999.jpg>

https://et.wikipedia.org/wiki/Tartu_%C3%9Clikool#/media/File:Tartu_%C3%9Clikooli_peahoone_2014-12.JPG

https://commons.wikimedia.org/wiki/File:Tartu_%C3%BClikooli_raamatukogu_2014.jpg

<https://simple.wikipedia.org/wiki/Estonia>

https://commons.wikimedia.org/wiki/File:Estonia_Endla_Nature_Reserve_04.jpg

<https://pixabay.com/en/tallin-estonia-skyline-sea-sky-889877/>

<http://www-library.ch.cam.ac.uk/data-champions>

