Open Science related activities in Estonia

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Open Science policy is coordinated by Estonian Research Council

Document (2016):
Principles and Recommendations for developing national policy

Created by Open Science Expert Group which consisted of 14 experts from universities, libraries and other institutions.
Estonia’s strategic objective 2020:

The academic community is familiar with and accepts the principles of open science and open data. Research data collected with the support of public funding are freely accessible and re-usable to all, if not restricted by legal requirements. Research data are preserved in open repositories which meet certain standards (e.g. OpenAIRE guidelines) and are made available at the earliest opportunity.
Estonian Code of Conduct for Research Integrity

• Agreement signed 01.11.2017
• Planning of research
• Conduct of research
• Authorship, publishing and application of research results
• Researcher in the research community
• Observance, promotion and application of RI
Libraries’ Activities

• Herald of open science
• Proactive!
• Data-related library services
• Restructuring
• Staffing: new positions, new professions
• E-infrastructure
• Support and training
• Collaboration: ERC, universities, faculties, researchers
DataCite Estonia

- [datacite.ut.ee](http://datacite.ut.ee)
- Consortium of 4 universities: UT, TUT, TU, EULS
- Allocator: University of Tartu
- Assign DOI-s (492429 estdoi 06.11.2017)
- Free of charge for researchers of the universities
Horizon 2020 support

- Horizon 2020 pilot DMP support (Guidelines on FAIR Data Management in Horizon 2020, ERC Guidelines)
- Data open by default from 2017
- Metadata standards (DataCite Metadata Schema)

- OpenAIRE (UT library as NOAD)
  - Make European-funded research output available
  - Key infrastructure for reporting H2020’s scientific publications and data
Data Management Plans

- DMPonline provided by DCC
- Tutorial in Estonian
- Personal research funding 2018: questions about data management asked
  - more guidelines
  - InfoDay presentations
E-infrastructure

• To make data FAIR!
• Institutional repositories (DataDOI, Digital Collection of TTÜ Library, EMU DSpace)
• Disciplinary repositories (PlutoF, QsarDB, CELR)
• Mapping datasets to assign DOI-s
• Datasets from Horizon 2020 projects
• Cooperation with High Performance Computing Center in future
• Interoperability with e-Varamu
Courses and tutorials

- UT: Introduction to information research
- **RDM free tutorial**
- TUT + TU: free course under development
- All libraries: Open science website
- Short guidelines (DMP, DMPonline, repositories)
- V-logs
Open Research Data - the FAIRest Data is the Future of Science
20th April 2017, Tallinn

2nd EOSCpilot Governance Development Forum workshop (Oct. 2 – 3, 2017, Tallinn)

The public open e-IRG Workshop (Oct. 3-4, 2017, Tallinn)
RDM Maturity Model

RDM maturity model showing the evolving maturity of the landscape of research data management and responses to key drivers influencing RDM development in academic libraries

Thank you!

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