



On the way towards Research Data Management in Doctoral Education at Kaunas University of Technology

for EUA-CDE Meeting
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Outline

- **Kaunas University of Technology/ Library for Open Access and Open Science**
- **National & institutional context for OS & RDM**
- **Institutional initiatives: stand-alone and towards integration & sustainability**
- **Lessons learnt**

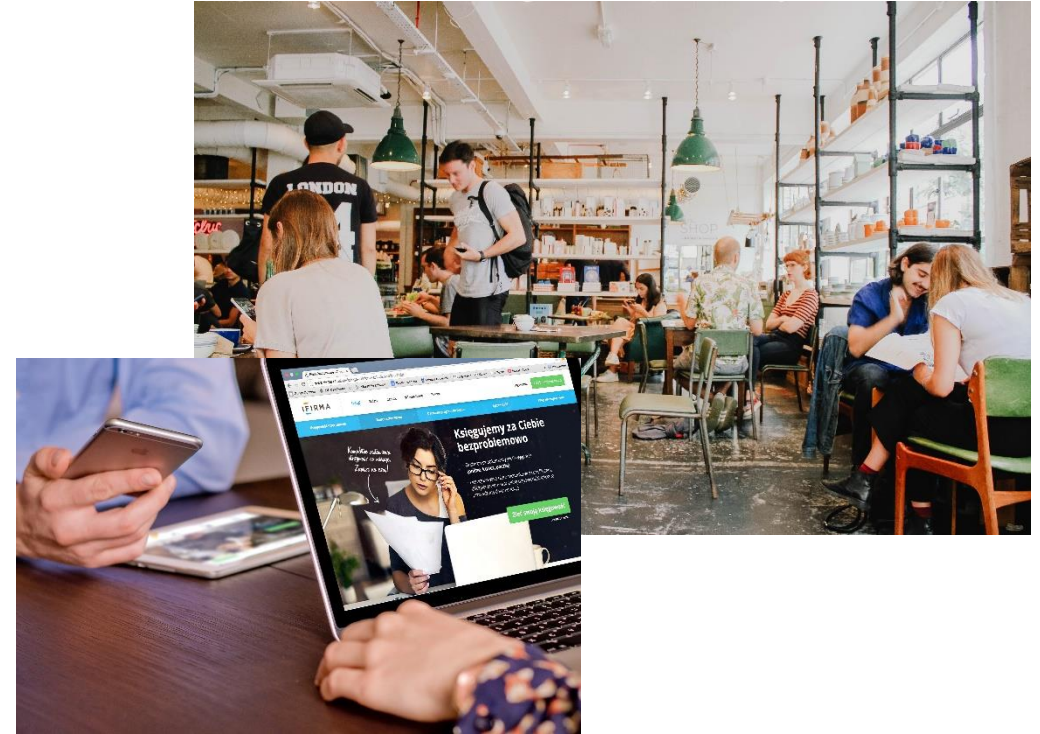
Kaunas University of Technology

- Operates under its current name since **1990**
- Dates back to **1922** when the University of Lithuania was established in Kaunas (later renamed into Vytautas Magnus University and Kaunas University)
- In **1951** Kaunas Polytechnic Institute was established by merging five technical faculties of the reorganized University



University: Facts and Figures

- Number of students: **10 230** (7 478 undergraduate, 2 429 Master's, 542 international students and 323 PhD students)
- Alumni: **~130 000**
- Academic Staff: **~727**
- **6** main fields of study: technological, physical and social sciences, arts, humanities and biomedicine.
- Number of study programmes: **146** (including 63 in English, 61 undergraduate, 67 Master's, 18 PhD programmes)



KTU Library

5 Faculty Libraries Departments:

- Reader Services
- Information Services
- Research Information Services
- Information Resources Management Services

The services are provided in:

- 7 loan departments,
- 10 reading rooms,
- group work rooms,
- virtually.



Building of School of Economics and Business and Main Library



University Campus

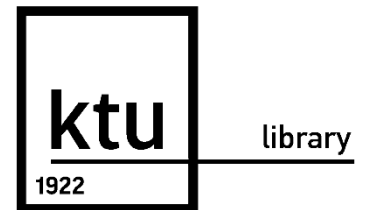
Library for Open Access and Open Science

- **January 2015 - June 2018 OpenAIRE2020**
- **2011-2014 OpenAIRE** (*2nd Generation of Open Access Infrastructure for Research in Europe*)
- **2009-2011 OpenAIRE** (*Open Access Infrastructure for Research in Europe*)

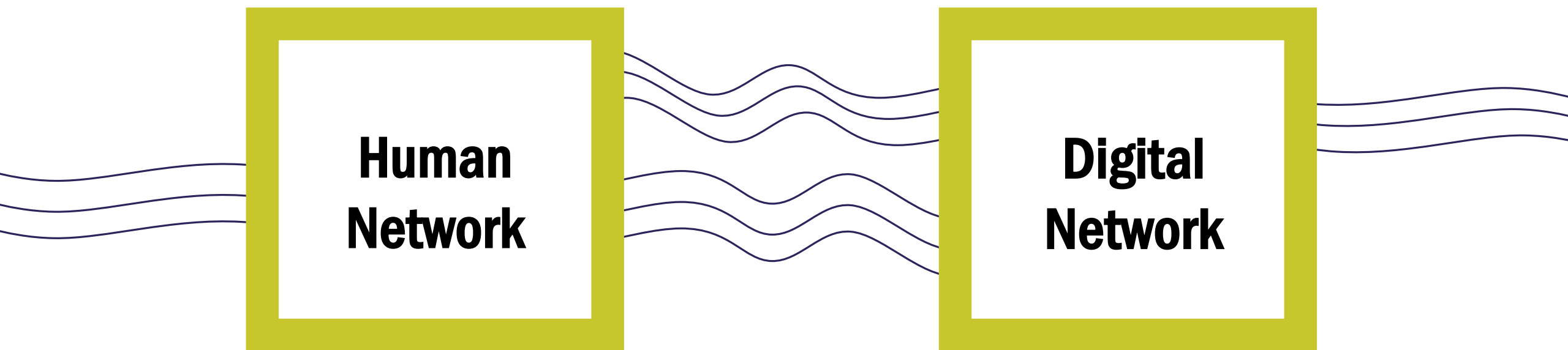
Gintarė Tautkevičienė, Library Director, is the national coordinator, a NOAD of the project OpenAIRE2020 and coordinator of OA events in Lithuania.



<http://www.openaire.eu>



... fosters the **social** and **technical** links
that enable Open Science in Europe and beyond



50 Partners from every EU country and beyond
Data centers, universities, libraries, repositories, legal experts

About OpenAIRE



- 50 Partners from every EU country and beyond
- In 24/7 operation since 2010
- 4 project phases to date
- Legal entity in 2017

Open Access experts

- Institutional, national and international perspectives on OA policies & e-Infrastructures

Information & Computer Science experts

- Building efficient e-Infra technologies
- State of the art technologies (big data, linked data)

Legal experts

- Legal & policy recommendations

Data communities

- Best practices for data
- Linking to data infrastructures

EC policy context for Open Data: Open Access Mandate Progression

FP7 (2008)

- 20% programme areas
- Deposit in Repositories
- APC payments during project
- ERC OA Guidelines

Horizon 2020 (2014)

- 100% programme areas
- Deposit in Repositories
- APCs *during* and *after* project
- **Open Data Pilot (100% from 2017)**



National context: policy

- **The Law on Science and Studies of the Republic of Lithuania** (as of April 30, 2009): Article 45 on *“Publicity of the results of scientific activity”*
- As a result of PASTEUR40A, the Research Council of Lithuania adopted the **Guideliness on Open Access to Scientific Publications and Data** on February 29, 2016

Follow up:

- The **Guideliness on Open Access to Scientific Publications and Data** adopted at Kaunas University of Technology on December 22, 2016



National context of RDM

- a survey on institutional environment carried out in April 2017
- **20** institutions responded on having:
 - Open access policy - **7/20**
 - Open access to research data policy - **4/20**
 - Institutional research publication repository - **11/20**
 - Institutional research data repository - **2/20**
 - “Researchers must prepare a data management plan” - **2/20**

Institutional context: stand-alone initiatives in educating for Open Science, e.g.

FOSTER for Kaunas University of Technology and Lithuania:

“Promoting Open Science among Young Researchers: Opportunities and Challenges” - 2015-2016

19 March 2015

Open Access – Contemporary Trend in Science Dr Brigita Serafinaviciute (Member of the Research Council of Lithuania, PASTEUR40A)

Linking Open Access Research Publications with Open Research Data Martin Donnelly (Digital Curation Centre, University of Edinburgh, UK)

15 April 2015

EC Open Access Policy and Open Access Infrastructure for Research Publications and *OpenAIRE2020; National Research Data Archive MIDAS, MIDAS demonstration: features and possibilities, MIDAS Biomedicine, DAMIS – Data Analysis System*

25 September 2015

Open access in Lithuania: aims and challenges- a discussion as a stream at the annual international conference *Social Innovations: Theoretical and Practical Insights (SOCIN)*. Moderator: professor Rūta Petrauskaitė, Lithuanian Council of Research, PASTEUR40A

29 October 2015

The EC's FP7/H2020 Open Access Policies. The FP7 Post-Grant Open Access Pilot

Pablo de Castro, Open Access Project Officer, LIBER

31 March 2016

Benefits of Open Science Professor Lennart Martens (Ghent University)

Open Science and Creative Commons Gwen Franck (Regional Coordinator for Creative Commons in Europe, EIFL Open Access Coordinator)



**FOSTER for Kaunas University of Technology and Lithuania:
“Promoting Open Science among Young Researchers: Opportunities and Challenges” - 2015-2016**



**Towards built-in practices:
KTU in cooperation with the University of Stavanger,
a partner from the European Consortium of Innovative Universities
focus on the development of transferable skills at**

KTU INTERNATIONAL

PhD Summer School

21-25 AUGUST 2017

PALANGA, LITHUANIA



kaunas
university of
technology

22 AUGUST 2017 _____ Tuesday

Writing for Scholars. Scientific Writing

Lynn P. Nygaard, PRIO, Norway

Jacek Fiutowski, University of Southern Denmark

23 AUGUST 2017 _____ Wednesday

Project Management for PhD Students

Flavien Massi, Intelligentsia Consultants Sàrl, Luxembourg

24 AUGUST 2017 _____ Thursday

**Open Science and Research Data Management: tips and
tools to help you plan to get the most from your data**

Sarah Jones, Digital Curation Center, UK

Iryna Kuchma, EIFL, Lithuania



Institutional context: towards built-in practices

Topics:

- Open Science: Open Access, Open Peer-Review, Open Research Data
- RDM Lifecycle
- Guidelines, standards and tools for RDM
- RDM Plan
- Legal and ethical issues. Licencing
- Using and citing Research Data
- Open Access Research Data initiatives
- Data repositories and archives

Module “Research Data Management” (6 ECTS) for Doctoral Studies developed in cooperation with the Department of Education, KTU. Coordinator: Dr Gintarė Tautkevičienė

Lessons learnt: library perspective

- Wait for the right moment but be proactive at the same time
- Seek support from stakeholders
- Develop staff competence



The background of the slide is a detailed topographic map. It features numerous contour lines in various colors, including blue, green, red, and black, which represent different elevations. The map is spread out, showing a complex network of lines and some text labels, though they are not clearly legible. The overall tone is technical and geographical.

Thank you for your attention!

Please visit us at
www.ktu.edu
and in Kaunas!