

Lithuanian open science resources: a gateway to the world

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The relevance of the study




Formal requirements to submit publications to eLABa



Low inner motivation of researchers to submit publications to eLABa



Submission of research publications and data to the repositories is not as beneficial as expected



The aim of the research

- To estimate the impact of Lithuanian open access research repositories on the visibility of Lithuanian research publications and data sets in the international context **by** analysing the usage of the largest national cross-institutional repository eLABa by foreign actors.



Methodology

- The statistical data was provided by eLABa administrators
- Only general data that is not related to specific individuals or institutions has been used in this research
- The data has been processed using the methods of descriptive statistics and Ms Excel programme
- The period of analysis is from January 2021, to October 2022

The research questions

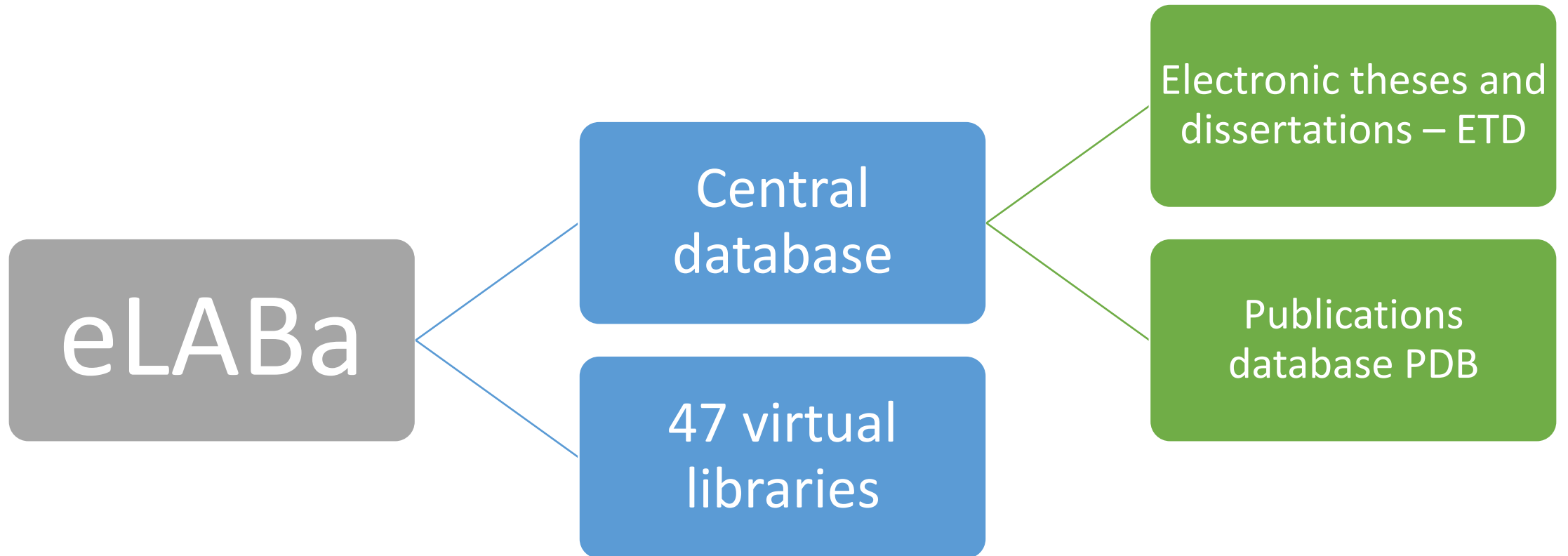
1. What amount and which data and publications are collected in the largest Lithuanian open access repository eLABa?

2. In which countries, regions and continents the research presented in eLABa is most visible?

3. What part of research publications and data sets in eLABa are available in English and other foreign languages?

4. How do downloads from the eLABa by the users from foreign countries relate to the languages of research available in the eLABa?

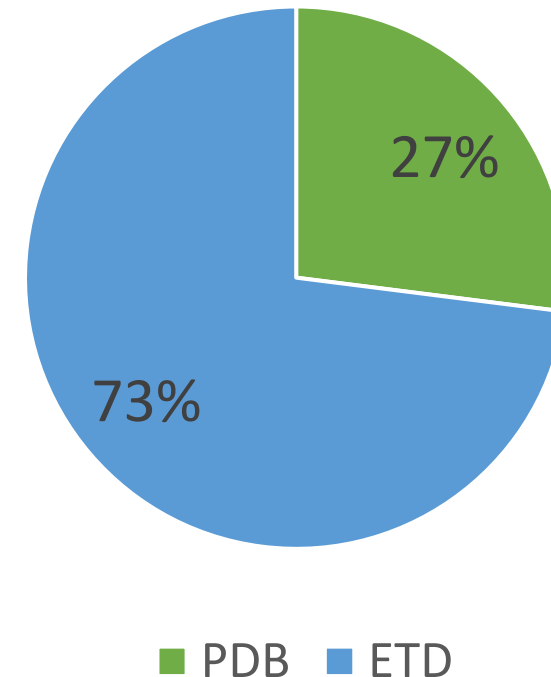
The structure of the eLABa



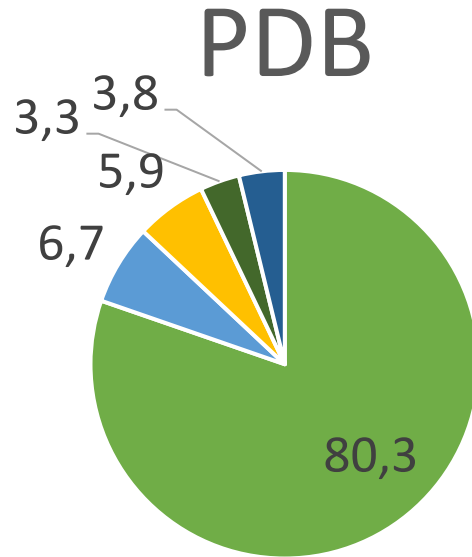
The amount of publications collected in eLABa

- eLABa contains 124 486 full-text documents:
 - 33 094 (**27%**) – scholarly publications (**PDB**)
 - 91 392 (**73%**) – thesis and dissertations (**ETD**)
- eLABa contains 465 614 bibliographic descriptions of PDB documents

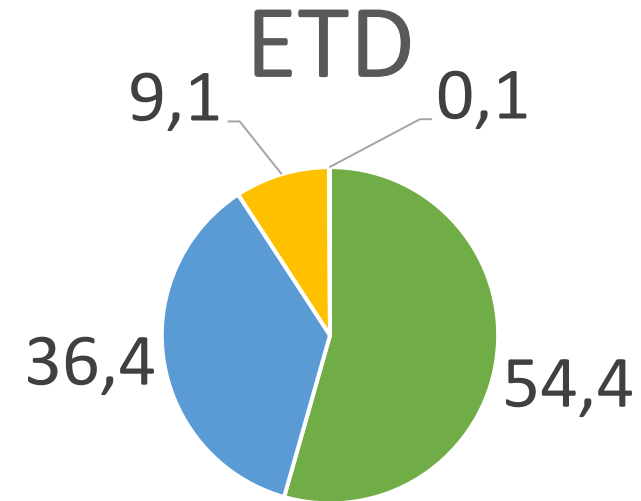
Full-text publications in eLABa
(data from May 1, 2023)



The types of publications collected in eLABa



- Article
- Presentation abstracts of scientific conference
- Article in scientific conference proceedings
- Book
- Other



- Master thesis
- Bachelor thesis
- Doctoral dissertation and dissertation abstract
- Doctoral art project

Languages of the PDB publications in eLABa

	Language	Amount of publications	Percentage
1.	English	17500	52%
2.	Lithuanian	14560	44%
3.	Russian	748	4%
4.	Polish	210	
5.	German	124	
6.	French	61	
7.	Spanish	41	
8.	Other	160	
		33 404	100%

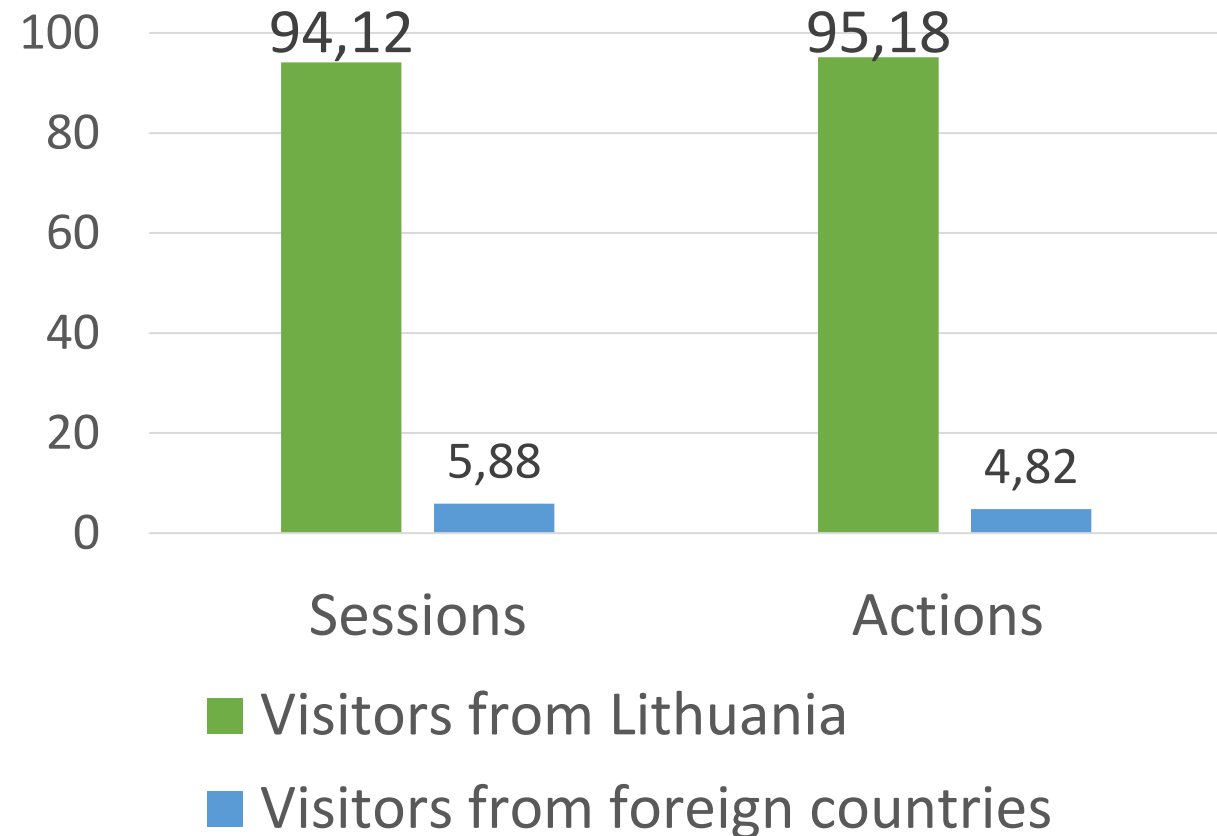
Languages of the ETD publications in eLABa

	Language	Amount of publications	Percentage
1.	Lithuanian	84132	90%
2.	English	8165	9%
3.	Russian	1348	1%
4.	German	83	
5.	Polish	47	
6.	French	42	
7.	Other	52	
		93869	100%

The frequency of searching information in eLABa central database

It was counted:

- the number of sessions and
- the number of actions during different sessions
- during the period of January, 2021 to October, 2022

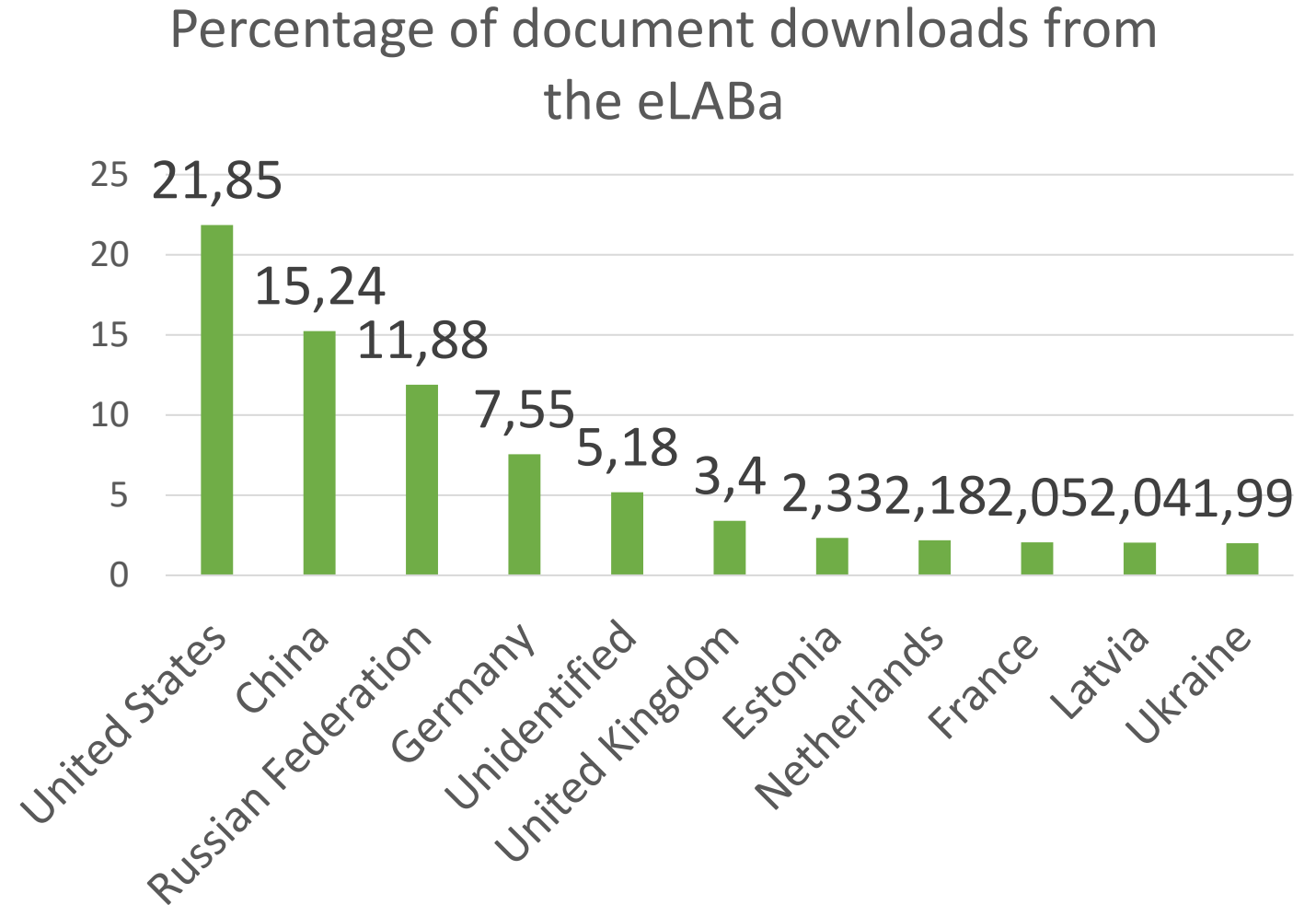


The frequency of users of foreign countries who search information in eLABa (central database)

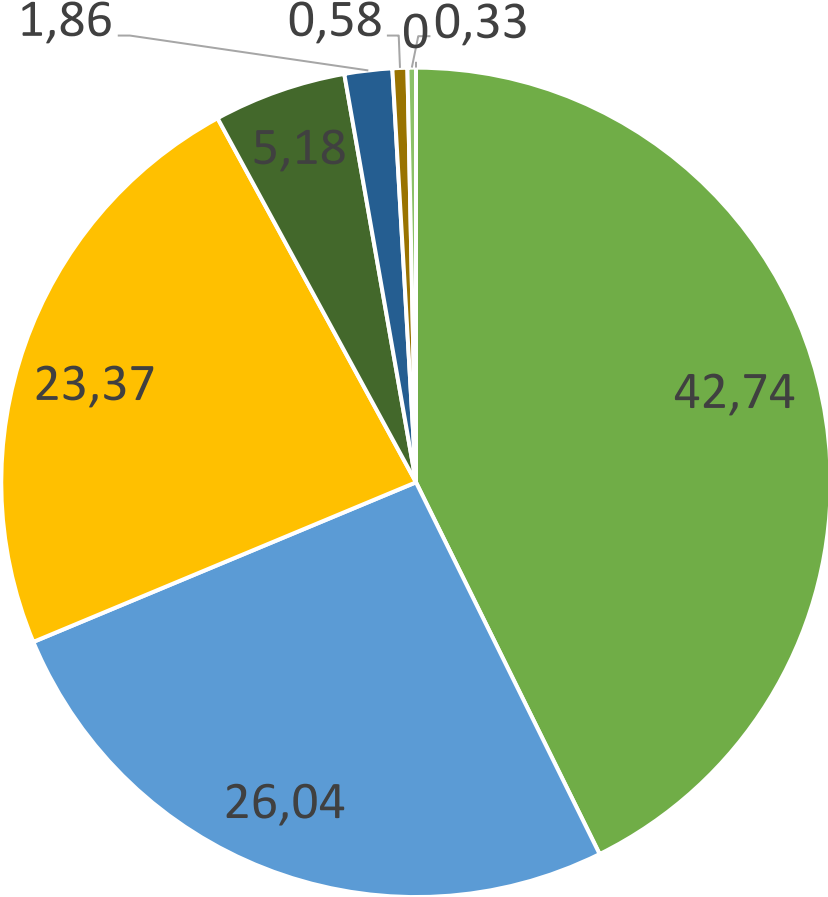
Country	Sessions count	Sessions count (percentage)	Actions count	Actions count (percentage)
1. Estonia	3199	15,44%	26514	19,69%
2. Germany	1699	8,20%	12829	9,52%
3. United States	1673	8,08%	9533	7,08%
4. Sweden	1479	7,14%	11445	8,50%
5. United Kingdom	1320	6,37%	7857	5,83%
6. Norway	1139	5,50%	7404	5,50%
7. Latvia	1059	5,11%	9084	6,74%
8. Poland	657	3,17%	3873	2,88%
9. Turkey	621	3,00%	2078	1,54%
10. France	596	2,88%	3668	2,72%

The frequency of users of foreign countries who download documents from repository eLABa

- Downloads from Lithuania – 75%
- Downloads from foreign countries – 75%



Downloads of the eLABa users from different continents



- Europe
- Asia
- North America
- Unidentified
- Africa
- South America
- Oceania
- Antarctica

Conclusions I

- A little more than 1/4 (27%) of potentially possible research texts are available as full-text documents in the eLABa.
- The linguistic situation in both eLABa databases is different: the ETD mainly contains Lithuanian materials, while foreign language publications dominate the PDB (56%)
- Europe is the largest user of the eLABa resources, followed by Asia and North America, though overall the neighbouring countries display most interest in searching the databases.
- The downloads are mostly done by the users from Lithuania and the largest countries with the highest research potential (the US, China, Russia, European region)

Conclusions

- eLABa is primarily focused on meeting national needs, but it is also visible internationally.
- It is important to spread the information to authors about the eLABa international visibility.
- The conditions are favorable for eLABa to become more visible in the international context as more than half of scholarly publications in eLABa are in foreign languages (mostly English).
 - During the analysed period, eLABa users from abroad downloaded each document in foreign languages approximately 104 times.
 - Users from Lithuania downloaded each document in Lithuanian language approximately 89 times.

Thank you for your attention

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