

Scholarly publishing behavior in Slovakia ... are we ready for repositories?



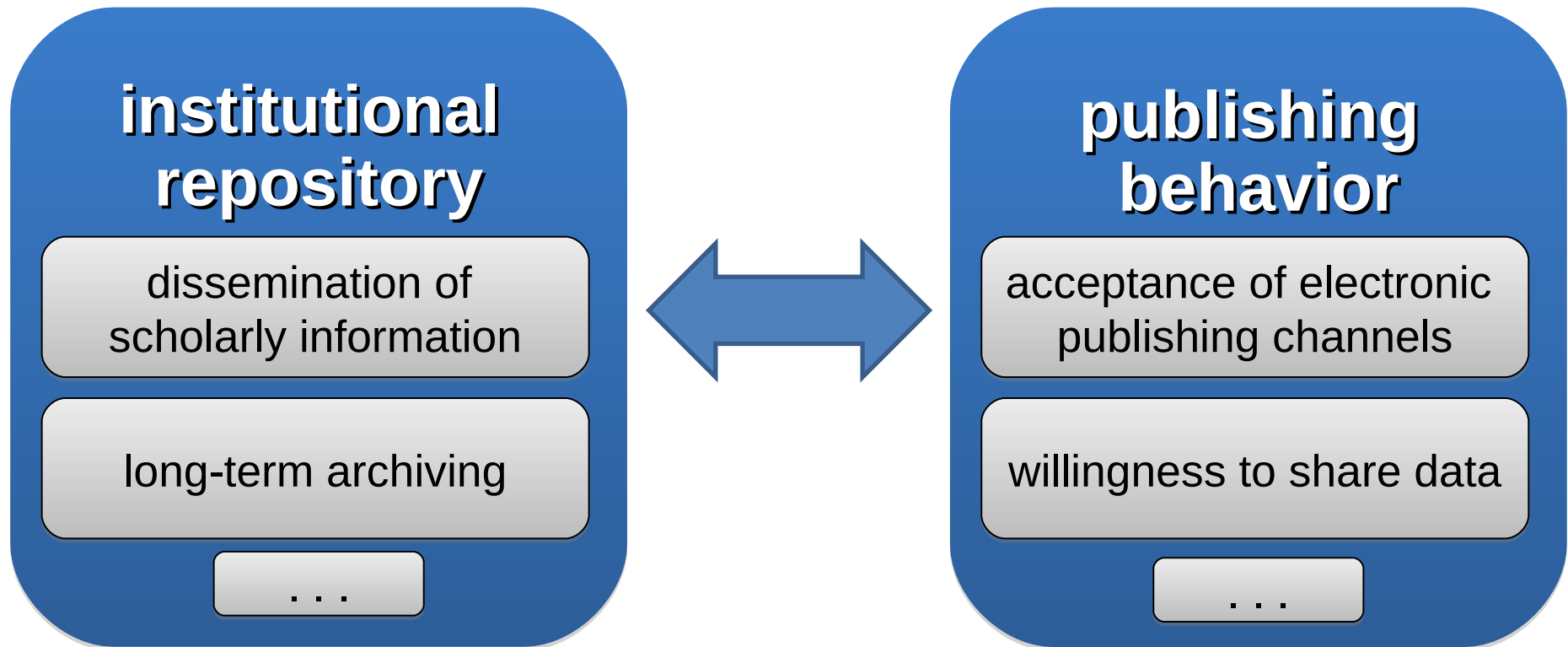
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Digital institutional repository (IR) & publishing behavior



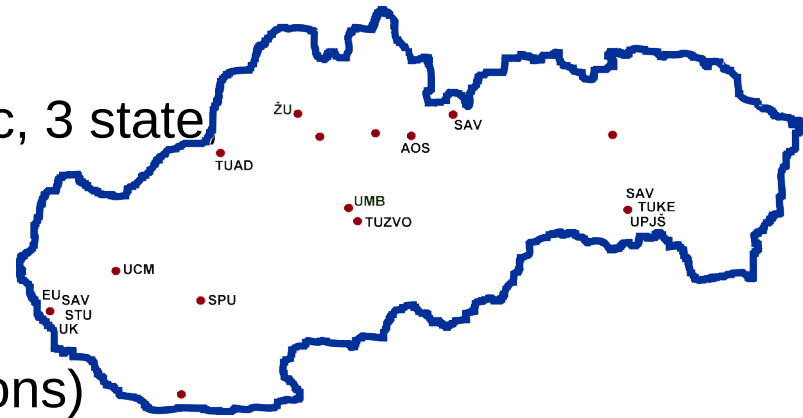
Institutional repositories in Slovakia (1)

□ DLIS research

- VEGA 1/0429/10 Information ecology of the academic inf. environment
- APVV-0280-10 Cognitive travelling in digital space

□ Questionnaire survey

- 39 universities & colleges (20 public, 3 state, 12 private, 4 international) & Slovak Academy of Sciences
- 27 evaluable questionnaires (among them all significant institutions)
- Current state:
 - **14** institutions have IR (2 standalone IRs, 13 IR via local storage), **12** institutions have plans to build IR
 - in 18 cases IR building had been initiated by library
 - **CU** - local storage available via OPAC:
 - > 52.400 theses in e-form, > 400 digitalized university proceedings, > 50 text books



Institutional Repositories in Slovakia (2)

Questionnaire survey



problems & barriers:

- copyright and other related legislation
- financial issues
- lack of cooperation among relevant departments within institution (management, library, IT, archives, etc.)
- reluctance to share results of scientific research out of official publication channels (i.e. prestigious publishers, renowned journals)
- individual traits (technical skills, age, etc.)



Registration of publication outputs – evaluation of research performance

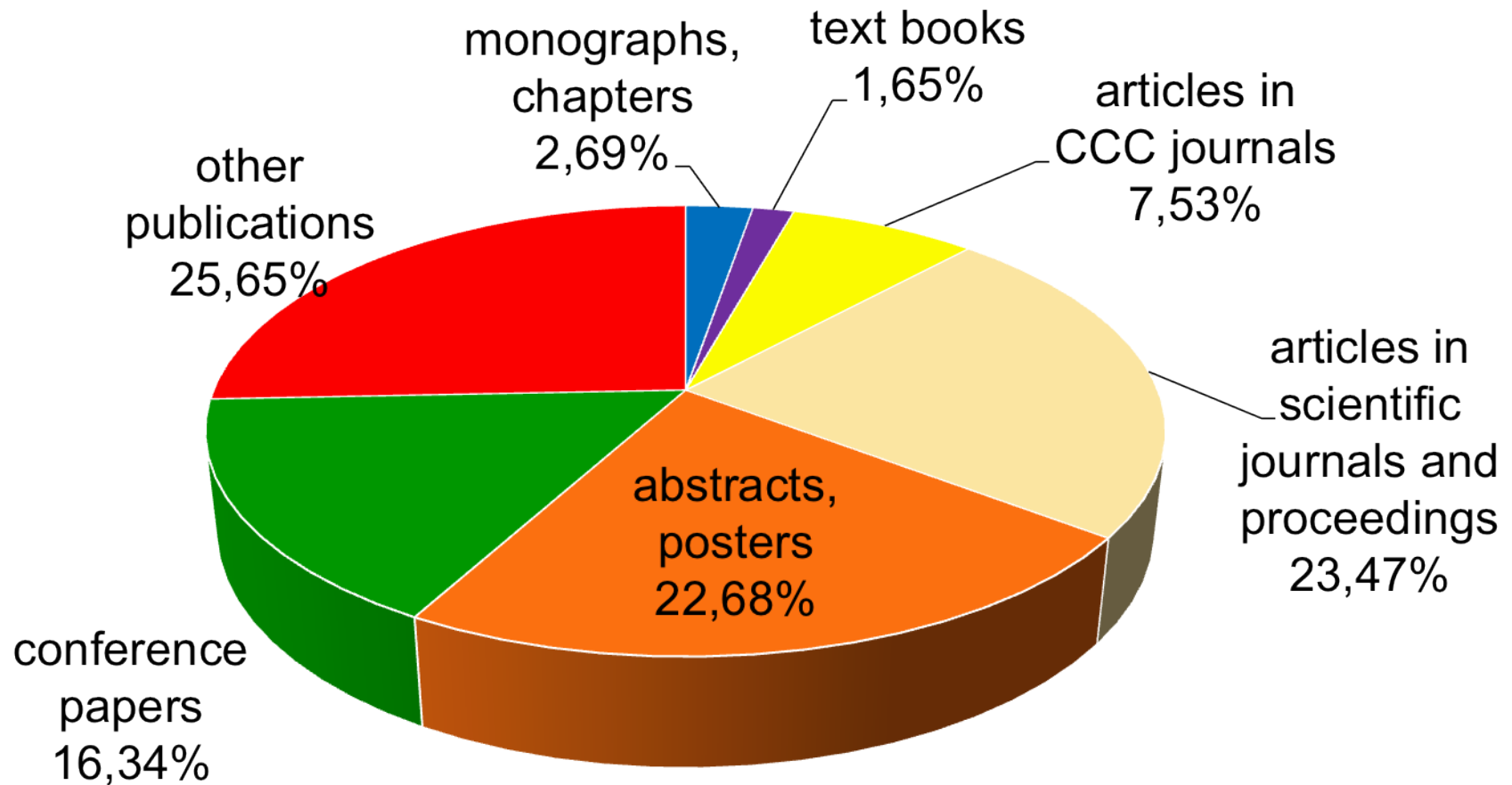
- ❑ Library law 183/2000 Coll.
- ❑ Act No. 455/2012 on Higher Education Institutions & Directive of Ministry of Education No. 456/2012 Coll.
- ❑ **83** publication categories,
8 citation categories
 - number of publication outputs and allocation of funds = direct linkage
 - scanned documentation
 - **plan = full texts in IR**

Scientific papers in foreign journals registered in CCC	AAA	Scientific monographs published in foreign publishing houses	ACB Academic textbooks published in domestic publishing houses
	AAB	Scientific monographs published in domestic publishing houses	
	ADM	Scientific papers in foreign journals registered by WoS or SCOPUS	
	AGJ	Author's certificates, patents, inventions	
	AEH	Brief information or abstracts of scientific papers in domestic current journals	
	CDF	Artistic works and translations in domestic journals	
	CAA	Artistic monographs, translations and author's catalogs published in foreign publishing houses	
	EDI	Reviews in journals and proceedings	
	AGI	Reports on solved scientific research tasks	
	BBA	Chapters in professional monographs published in foreign publishing houses	
Scientific papers in domestic publishing houses	FAI	Editorial and compilation works (bibliographies, encyclopedias, ...)	GII Other publications and documents which is not possible to class according categories mentioned above
	AEC	Scientific papers in foreign peer-reviewed (non-conference) proceedings	
	ADC	Scientific papers in domestic current journals	

CU publication outputs 2011-2013 ⁽¹⁾

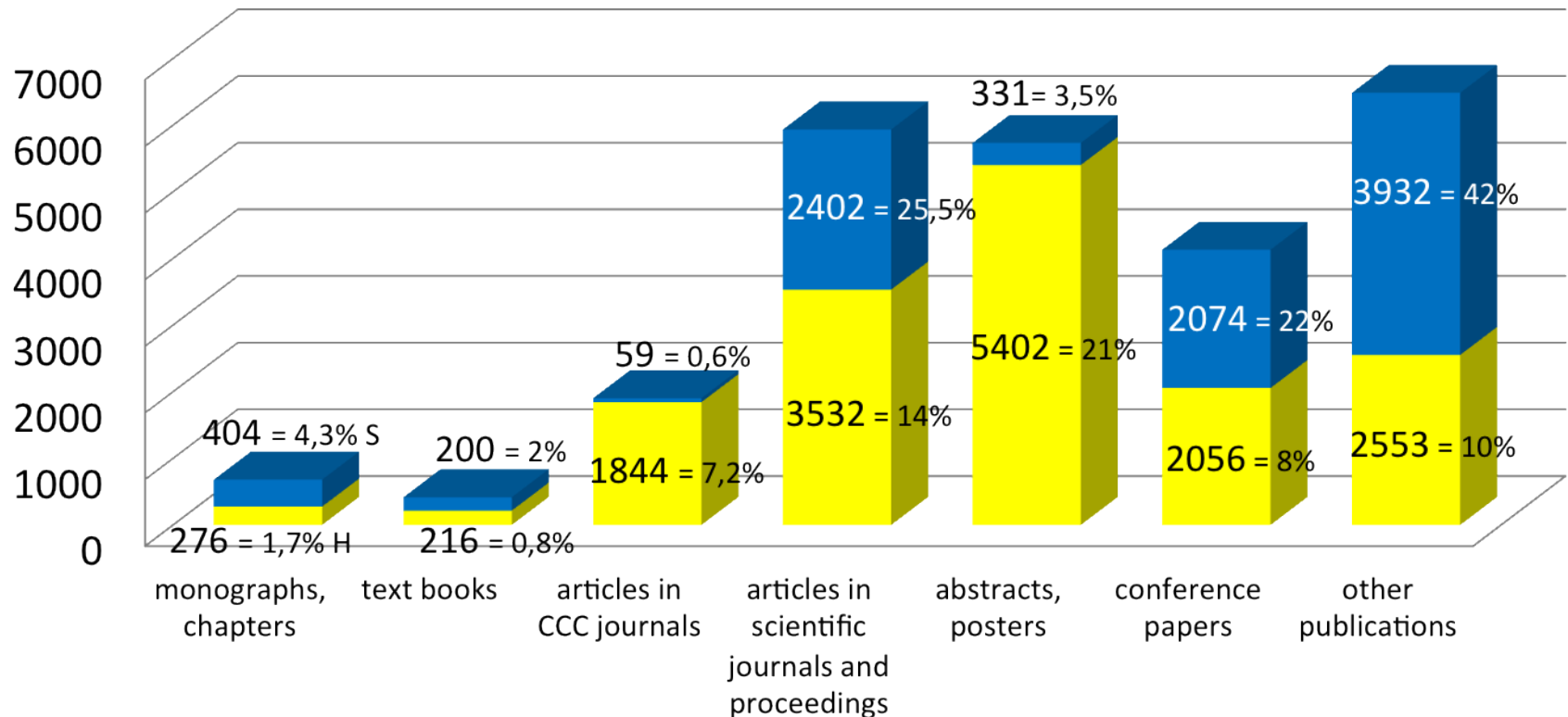
- document types

Total number of publications = **25.281** (about 9.000 publ. per year)



CU publication outputs 2011-2013 (2)

different faculties (disciplines) => different document types (channels)

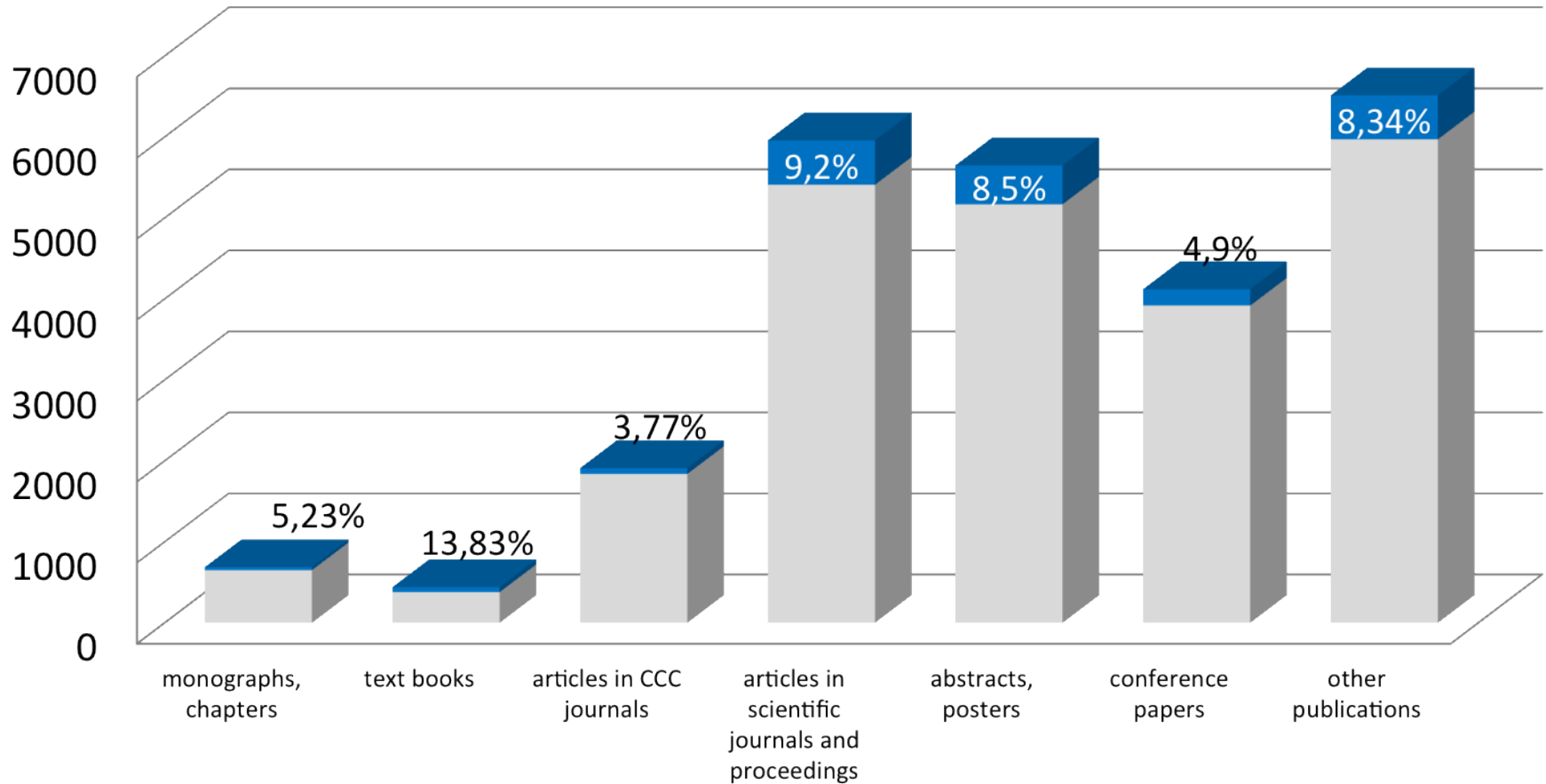


■ Soft science 37% - 8 faculties: FLAW, FPHIL, FSPORT, FEDU, FEVTH, FRCTH, FM, FSES

■ Hard science 63% - 5 faculties: FMED, JFMED, FPHARM, FNS, FMPH

CU publication outputs 2011-2013 ⁽³⁾

percentage of online publications within given document types

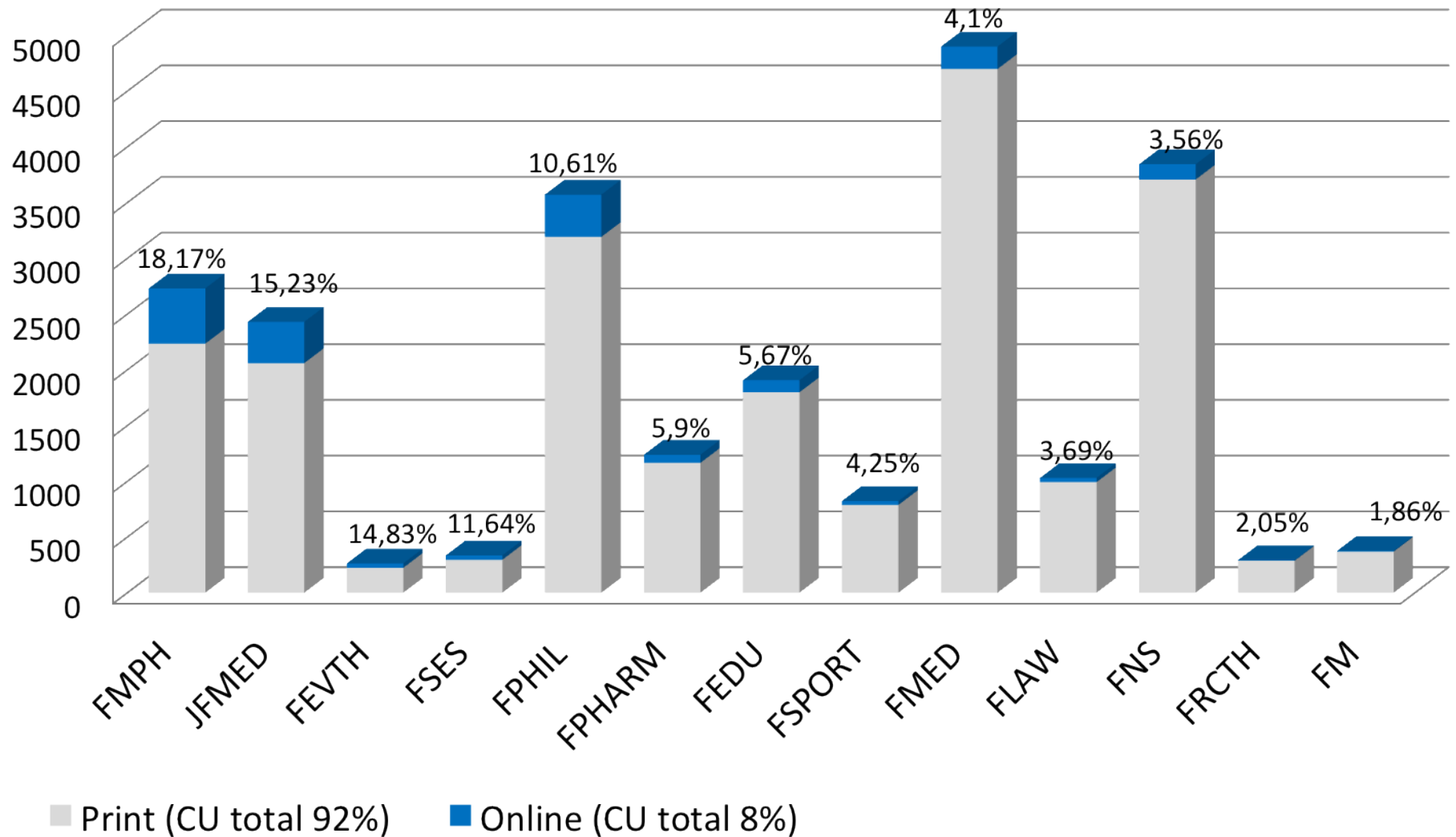


■ Print (CU total 92%)

■ Online (CU total 8%)

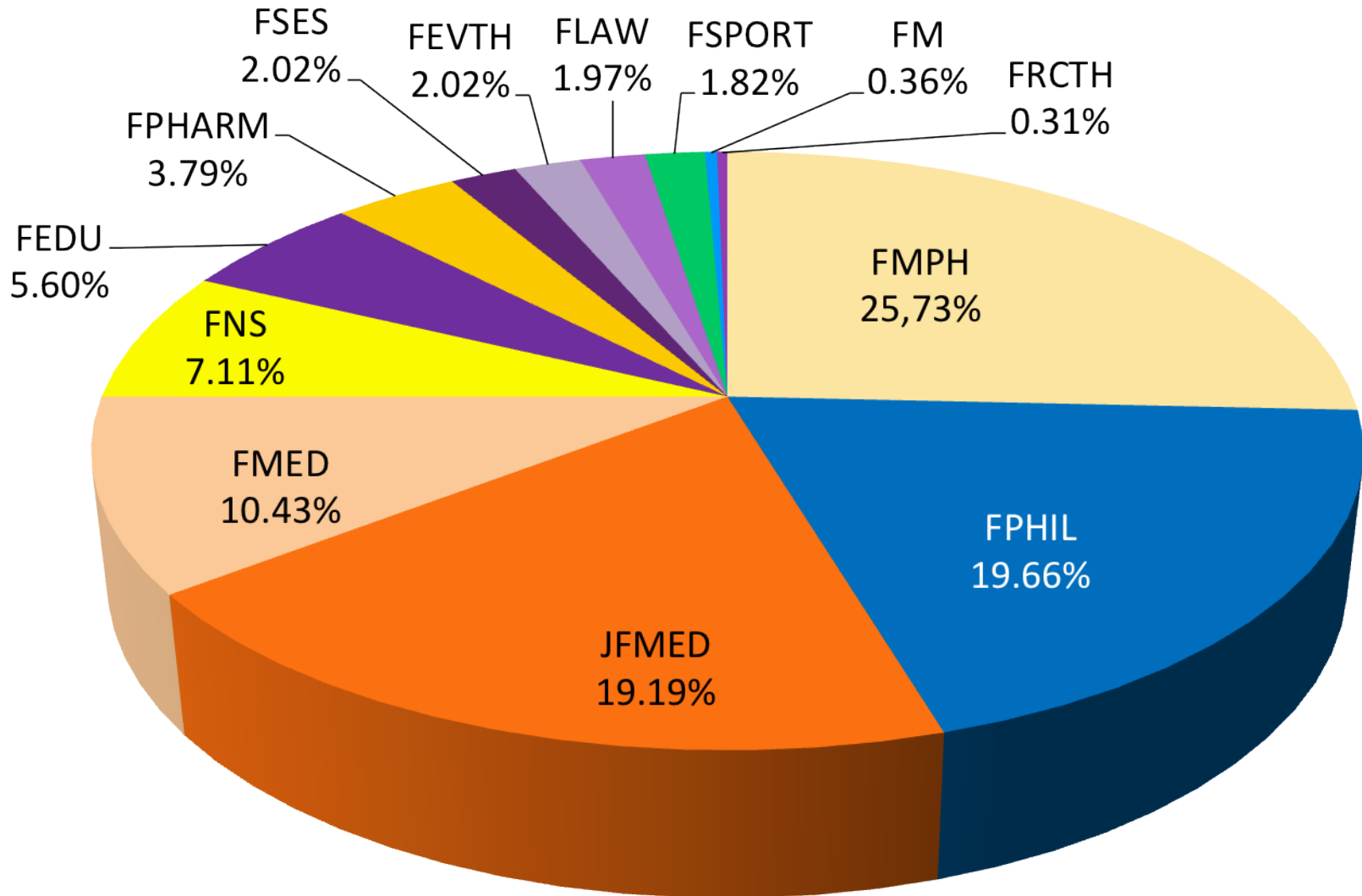
CU publication outputs 2011-2013 ⁽⁴⁾

percentage of online publications by faculties



CU publication outputs 2011-2013 ⁽⁵⁾

online publications – percentage by faculties



CU faculties with highest rate of online publications

- most frequent publishing channels

FMPH

- arxiv.org, cern.ch
- preprints, articles in journals with high impact factor, conference proceedings
- **tradition**

FMED,
JFMED

- [sciencedirect.com](https://www.sciencedirect.com), bmj.sk, [medical portals](#)
- articles in Slovak (domestic) and foreign journals, abstracts

FPHIL

- Slovak domain websites (.sk)
- articles in Slovak journals, collections of papers
- **Slovak language, local topics**

CU online publications

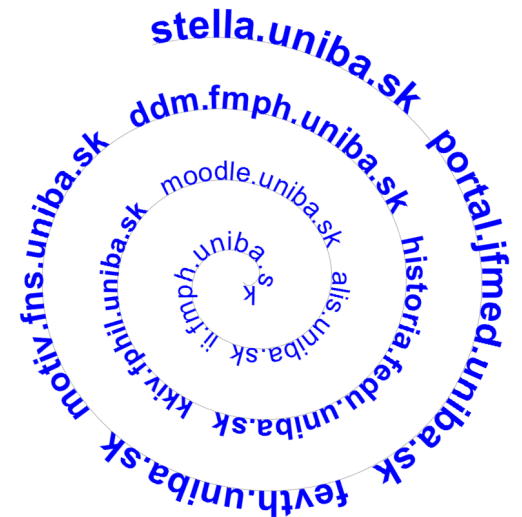
distributed local storages

16.78% of all online publications are accessible from the domain of Comenius University (**uniba.sk**)

- distributed on **48** various location



**difficult
discoverability
preservation**



CU online publications

citation impact

online publications

= better visibility, discoverability



increasing average **citation** number
in some publication categories, especially:

scientific
domestic
proceedings
& **collections**
of papers

articles in
professional
domestic
journals

textbooks
for higher
education
institutions

articles in
CCC

articles in
foreign
scientific
journals



CU institutional repository

... what's next?

- ❑ **CU information strategy**
- ❑ **institutional showcase** for research - CU scientific park
- ❑ **encourage collaboration** between researchers/authors, departments, faculties, libraries...
- ❑ deal with legislation problems



Questions?