

The world OA initiative for scientific communication in civil engineering and institutional repository as its answer – the case study of Slovenia

Teja Koler-Povh¹, Goran Turk¹, Matjaž Mikoš¹

¹University of Ljubljana, Slovenia, Faculty of Civil and Geodetic Engineering, Jamova c. 2, 1000 Ljubljana

WHO?

Faculty of Civil and Geodetic Engineering (UL FGG), Ljubljana, Slovenia, is a public higher education institute and one of 26 members of University of Ljubljana, the oldest (since 1919) and the biggest (40.000 students) university in Slovenia.

There are around 2000 students who study on 6 programmes and 150 teachers and researchers on UL FGG.

WHY?

- existed collection of 1.000 e-theses from UL FGG since 2005,
- the educational mission of faculty is strongly supported by scientific and professional research work,
- funder evaluated scientific work through number of scientific publications and their citations,
- scientists of UL FGG publish the most articles in international scholarly journals, ranked into upper half, measured by ISI/ Thomson Reuters JCR journal ranking by relevant subject groups (Koler Povh et al., 2011),
- open access impacts significantly on the number of citations (Lawrence, 2001),
- many initiatives and requests from Slovenian professional public to allow open access to scholarly publications,
- the UL FGG accepted the challenge: in December 2011 the faculty repository DRUGG was built.

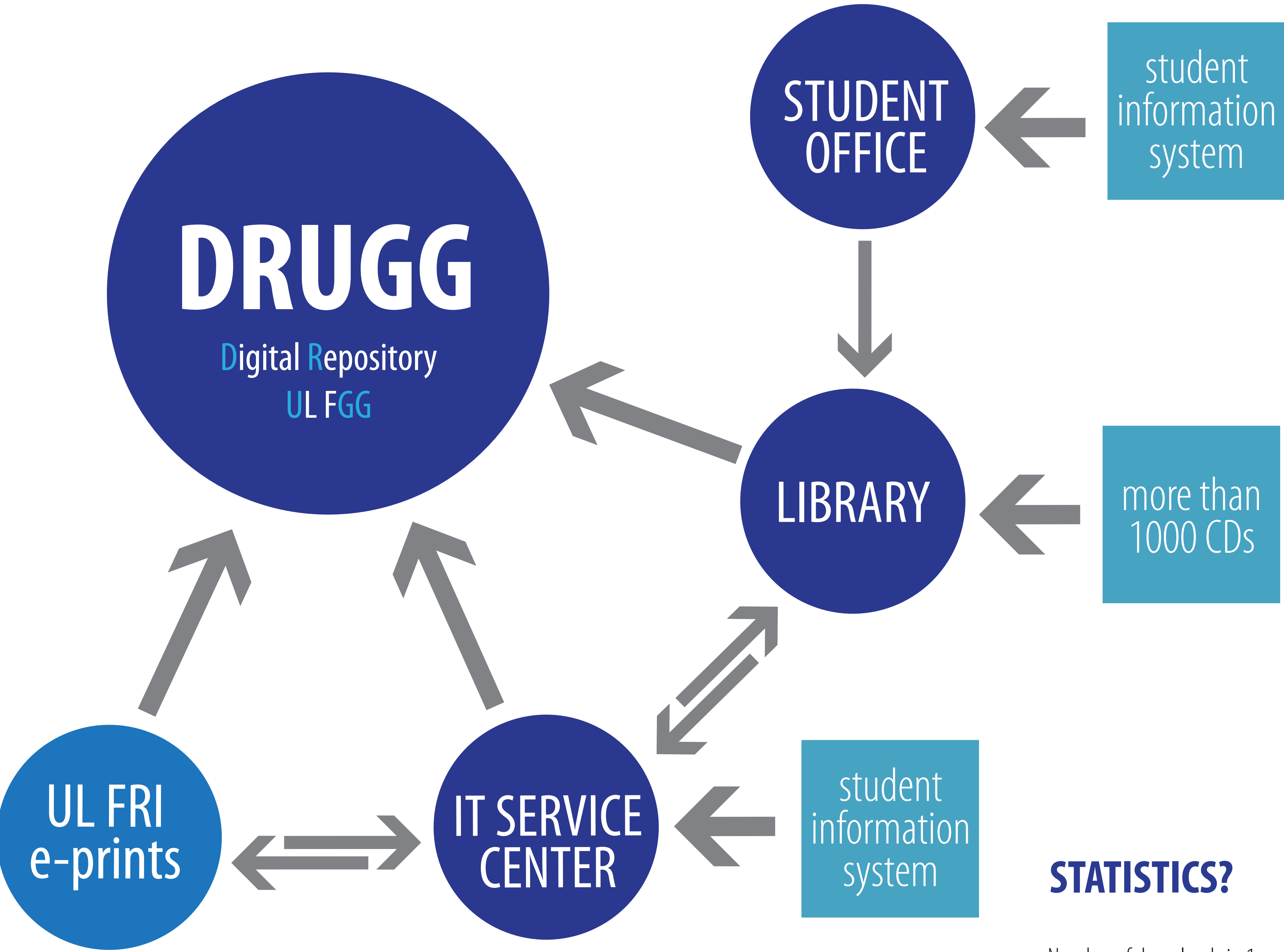
WHAT?



The Digital Repository of UL FGG »DRUGG«

<http://drugg.fgg.uni-lj.si/>

It is already a part of Registry of open repositories (ROAR) and OpenAIRE infrastructure of European Commission, which already is an important financier of research work on UL FGG.

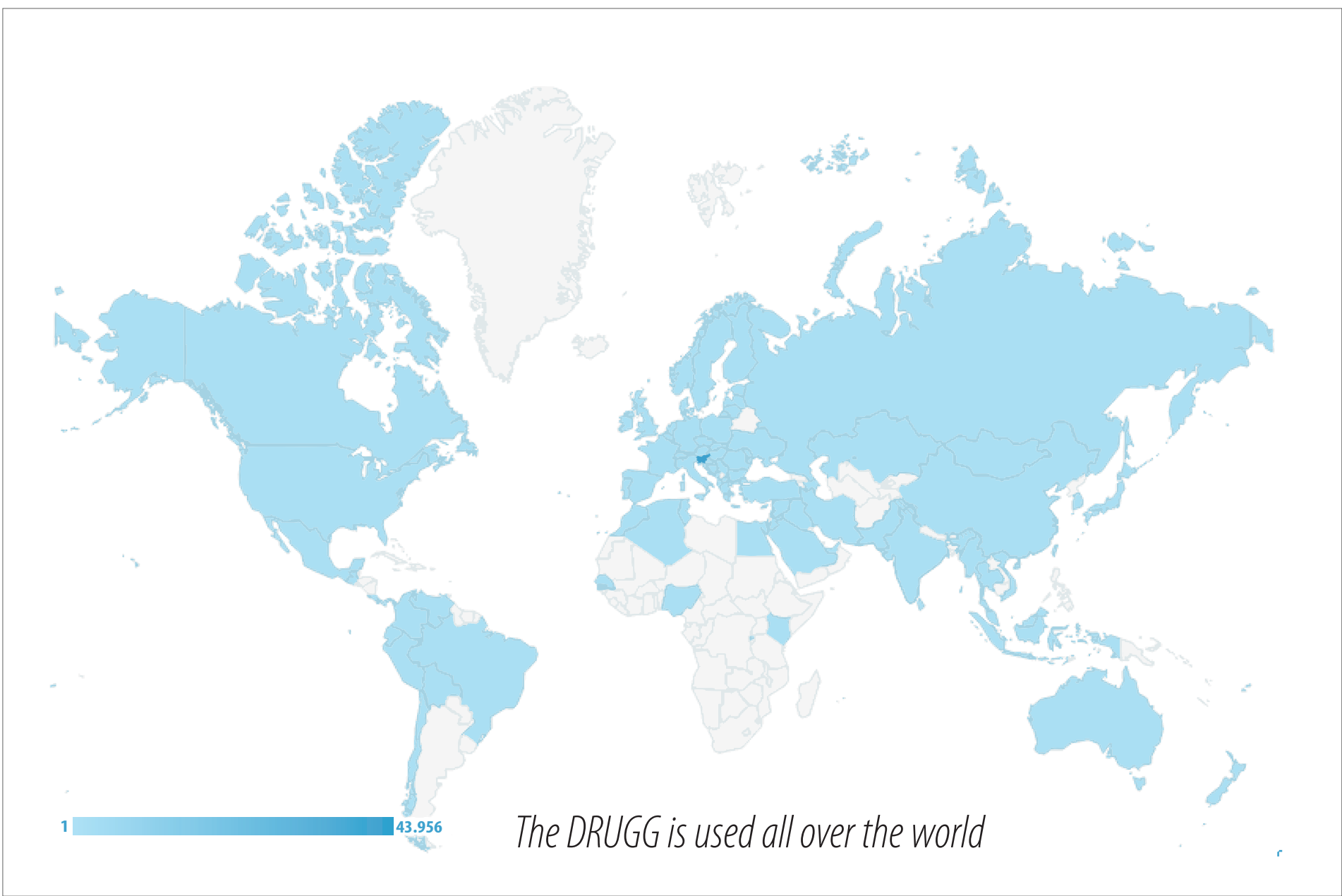


THE STAKEHOLDERS?

The library was one of the most important stakeholders by its building and it is still today.

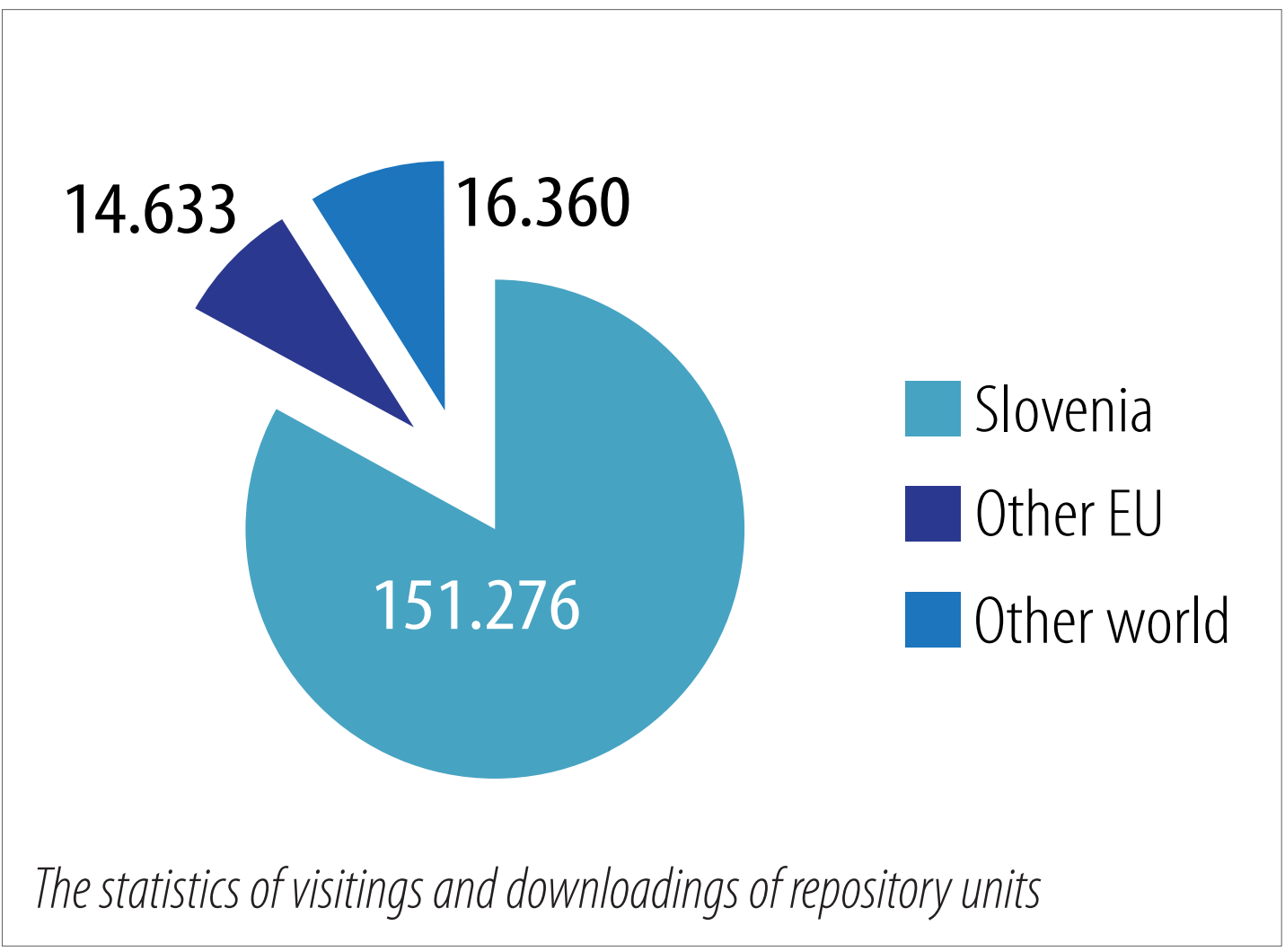
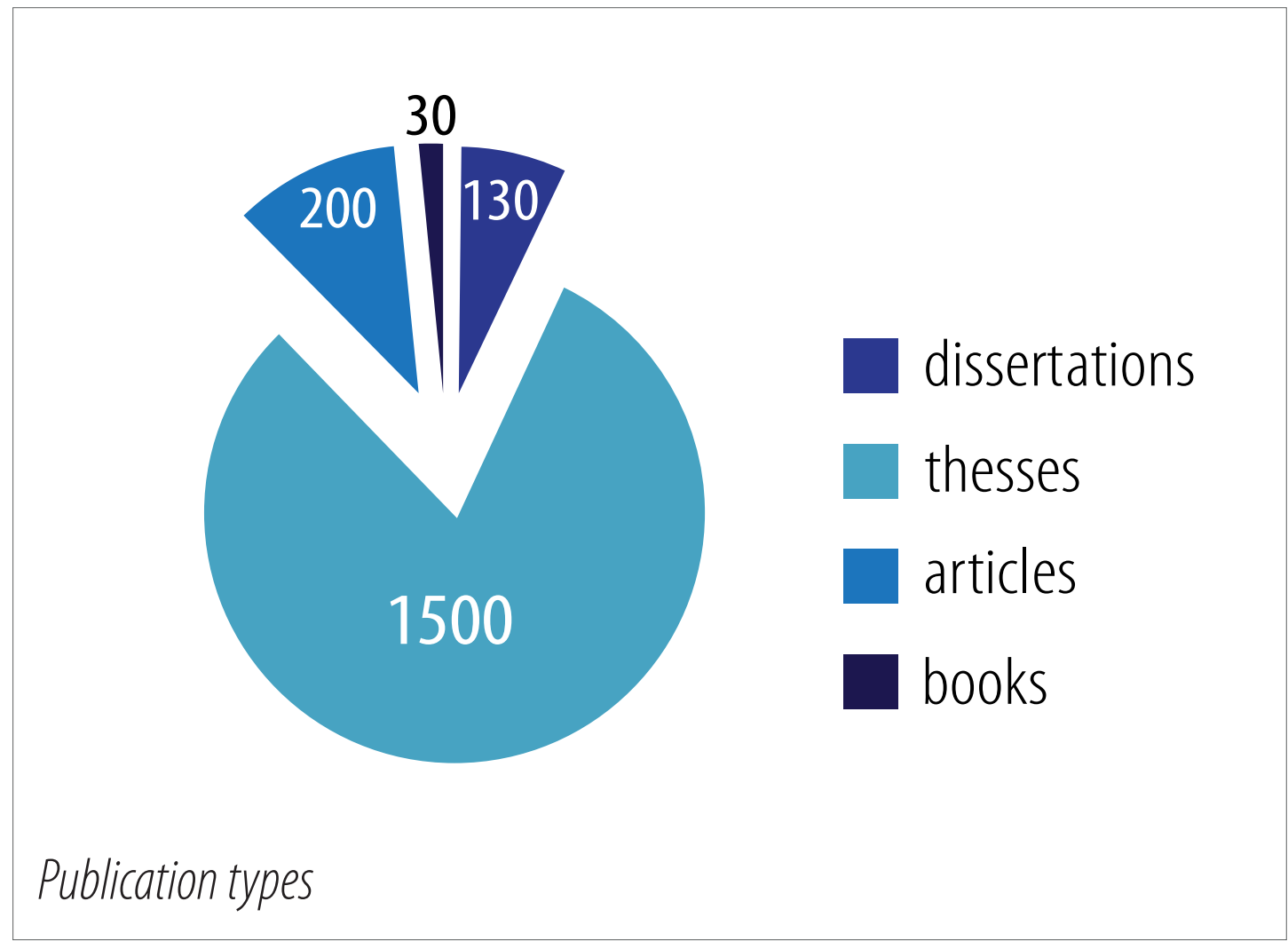
The librarian supports the researchers by:

- checking open access clauses,
- uploading bibliographical units in repository,
- building the citation form of each deposited unit on its front cover,
- linking each of the repository unit into Slovenian bibliographical information system COBISS.SI (<http://www.cobiss.si/>) and its cataloging part COBIB.SI and its part of high valued research works of Slovenian researchers SICRIS.



STATISTICS?

Number of downloads in 1 year and a half: 180.000 units, 400 on each day, 100 of them from abroad.



FUTURE?

- upgrading of the DRUGG by including the geographical information data and system GEOPOLLO,
- the connection to Slovenian Digital library – dLib.si (<http://www.dlib.si/>) would be established for preservation of metadata.

There are two more faculties on University of Ljubljana, who build their repositories in quite the same time and on the same basis in the open source ePrints. The University of Ljubljana intends to build the cooperative institutional repository for all its members in the near future.

CVs from authors

Mrs. Teja Koler-Povh, M.Sc., is a head of library on the Faculty of Civil and Geodetic Engineering, University of Ljubljana. As a specialist of library information systems she is involved in research and educational processes on the faculty.
e-mail: teja.povh@fgg.uni-lj.si

Prof. Goran Turk, Ph.D., is Vice-Dean for research and International Activity of Faculty of Civil and Geodetic Engineering, University of Ljubljana (2009-). He teaches courses of Theory of Probability and Statistics, Operational Research, Reliability of structures and Spatial Statistics at undergraduate and graduate programmes.
e-mail: goran.turk@fgg.uni-lj.si

Prof. Matjaž Mikoš, Ph.D., is Dean of Faculty of Civil and Geodetic Engineering, University of Ljubljana (2009-), and was Vice-Dean for research (1999-2009). He is professor of hydraulic engineering and hydrology. He teaches courses (i.e. Research tools and methods) at doctoral programs in Built Environment and Environmental Protection.
e-mail: matjaz.mikos@fgg.uni-lj.si