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<http://conference.ifla.org/ifla79/news/wlic-2013-conference-papers-now-available-in-the-new-ifla-library>

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

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Abstract

Scientific communication in technics consists primarily of articles in peer-reviewed scholarly journals. In our research of 2026 articles, published in JCR journals in the field of civil engineering in 2007, we found out that 21% of them are published as open accessed articles, most of them as articles archived in institutional repositories. They reached 29% of all citations in the analysed period. In accordance with these findings, in 2011 the repository at the University of Ljubljana, Faculty of Civil and Geodetic Engineering was built in open source tool ePrints. 1400 theses as well as 200 research articles have been archived in it till January 2013. The library was one of the most important stakeholders in its building as it is still today. Each of the repository unit is linked into Slovenian bibliographical information system COBISS and its cataloguing part COBIB as well as the part of high valued research works of Slovenian researchers SICRIS. The statistics (150.000 visits from all over the world in one year) is a motivation for us to develop it further. In the near future the connection to the Slovenian Digital Library (dLib.si) shall be established, which will ensure the preservation of metadata.

**Presented on 79th IFLA World Library and Information Congress : Future Libraries : Infinite Possibilities, Singapore, 17-23th August 2013.**

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

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## 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.

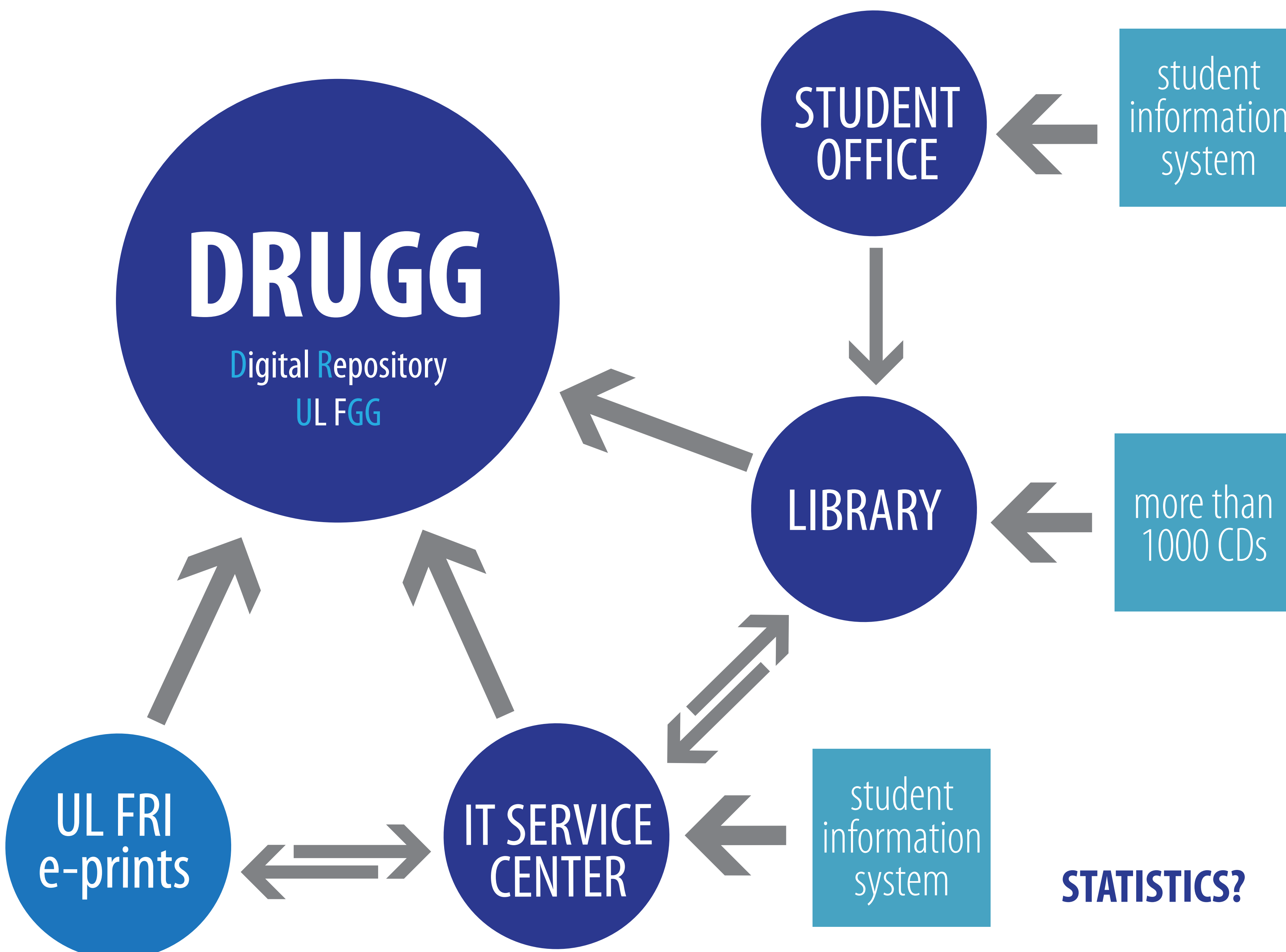
## WHAT?



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.

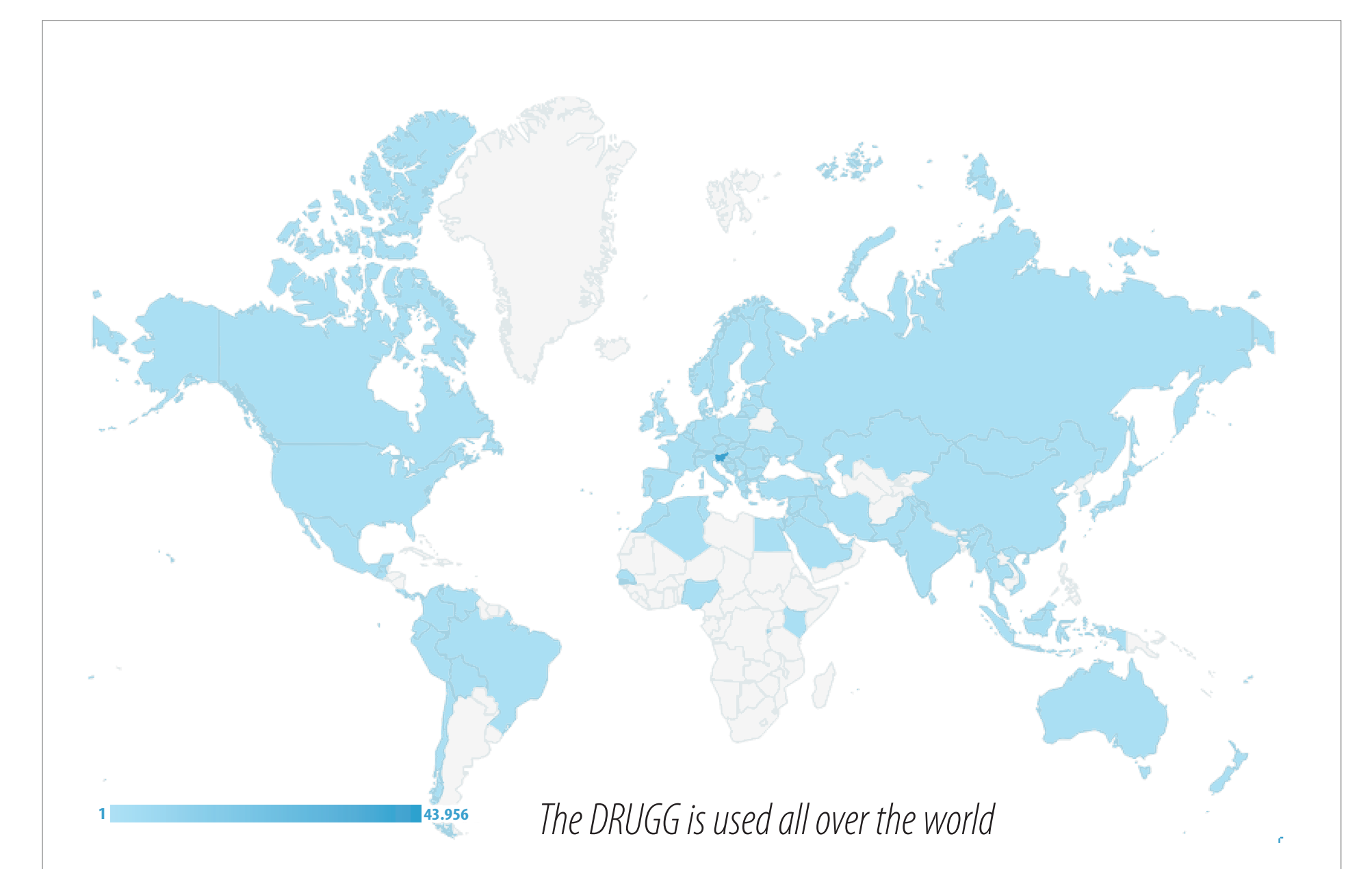


## THE STAKEHOLDERS?

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

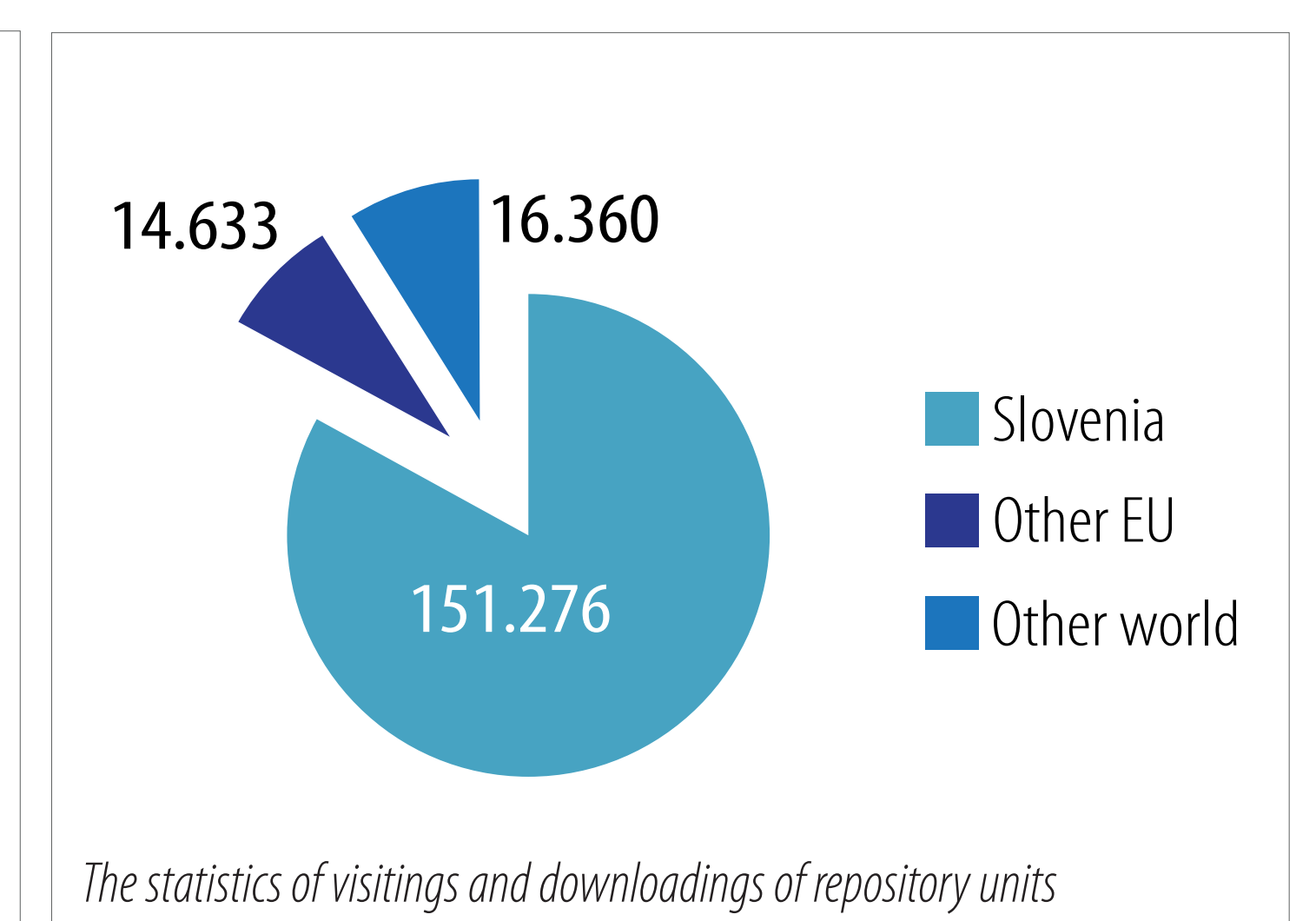
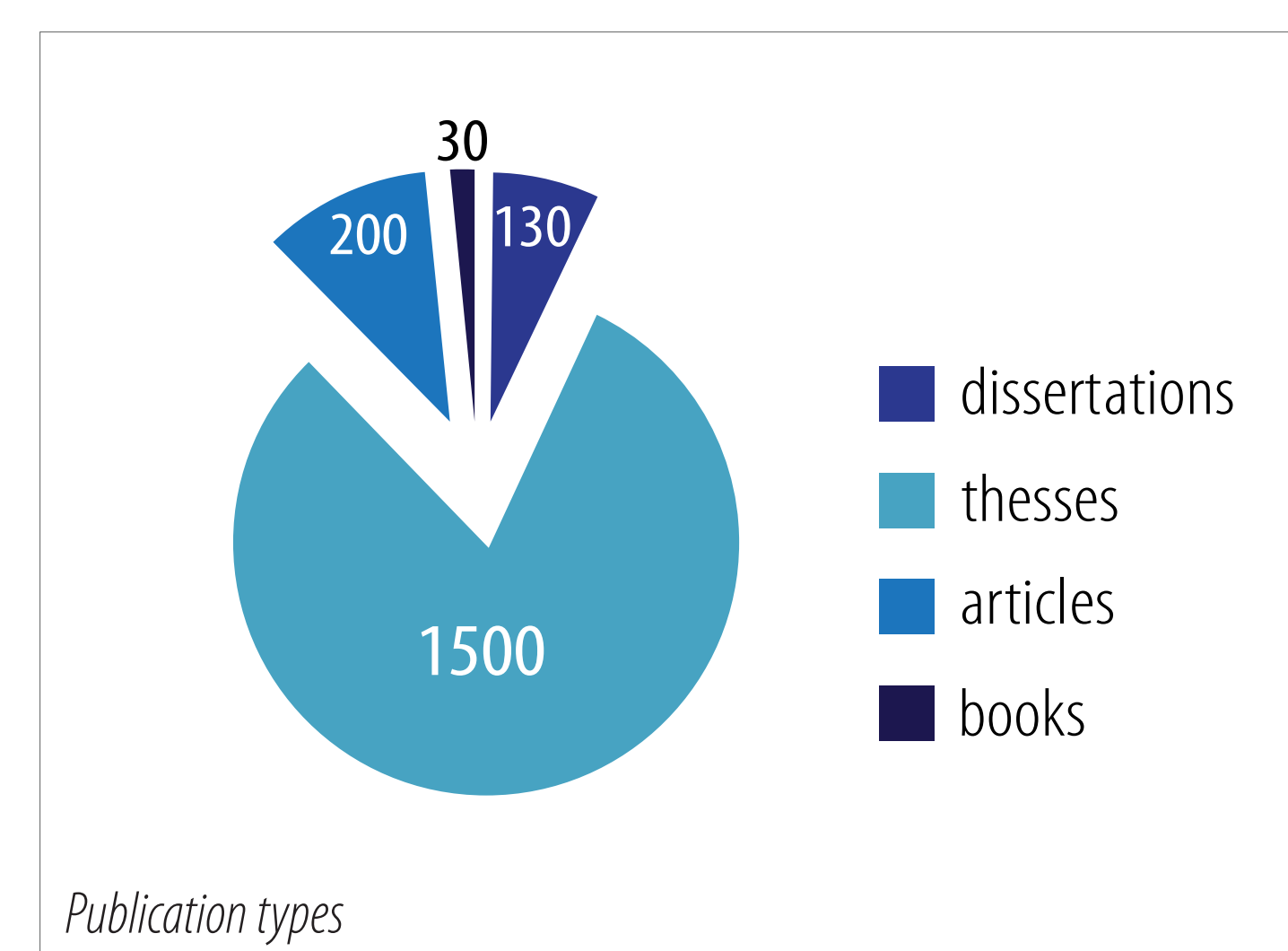
The librarian supports the researchers by:

- 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 GEOPOLO,
- 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 builded 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

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