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# Shaping the social impact of European research: policies, strategies, funding

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## Open science in Slovenia and support of university libraries

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## *Coordinated activities:*

- Amsterdam Call for Action on Open Science, 2016
- European Cloud Initiative – Building a competitive data and knowledge economy in Europe, 2016
- Council Conclusions on the transition towards an Open Science system, 2016
- ...
- **Slovenian National strategy of open access to scientific publications and research data (2015-2020)**



## *Scientia potentia est. (Knowledge is power.)*

- **Horizon 2020 open access mandate**
- **National research funding**  
EU Member States mandates aligned with open access in H2020 by the end of 2014 (**Commission Recommendation on access to and preservation of scientific information, 2012**).

### **Slovenian government adopted:**

- **National strategy of open access to scientific publications and research data in Slovenia 2015–2020** (2015): the same provisions as in H2020 – a Slovenian researcher fulfils the requirements of H2020 and national funding in the same way.
  - **Action plan for the implementation of the national strategy** (2017):  
**Goals:**
    - 80 percent of scientific publications from nationally funded research, published in 2017, will be openly accessible in 2018,
    - all scientific publications from nationally funded research (100 percent), published in 2020, will be openly accessible in 2021.
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## Challenges at University of Ljubljana

- **Transformation of scholarly communication:**  
**Slovenian University Conference adopted a resolution** (2017):
  - Free reading of all publisher's subscription journals has to be enabled.
  - Open accessibility of articles in publisher's journals - with no direct financial implications for universities. Negotiations with publishers for flipping off subscription journals to open access.
  - The right to text and data mining in all publisher's journals must be granted.
- **Copyright:** draft Directive on copyright in the Digital Single Market, secondary publication right? (example -Netherlands, France, Germany ...)
- **Research evaluation** (**Evaluation of Research Careers fully acknowledging Open Science practices**, 2017 – to be adopted)
- **Skills and competencies of researchers for open science** (**Providing researchers with the skills and competencies they need to practise Open Science**, 2017 – to be adopted)



## University libraries support:

- **Open access to publications:** information on open access, deposit in repository, support for university publishing.
- **Open research data:** academic librarians (new profiles of experts) convey information on open research data and data centres, assist in data management plans.
- **Building and managing certain open science infrastructures:** repositories, open access journals, publishing platforms.
- **Curation and preservation of scientific information.**



## Activities at **University of Ljubljana**:

- **The Statute of the University of Ljubljana (2017):**  
The University fulfils its autonomy ... by designing and implementing the study and research programmes **according to the principles of open science**
- **OpenAIRE projects** (UL partner since 2009 – National Open Access Desk)
- Part of **Ministry's open access group**
- **Repository of the University of Ljubljana** (since 2013)
- UL organised with Ministry of Education, Science and Sport a **conference Open Science in the European Research Area**, November 2016
- Erasmus+ Staff Training Days, May 2017: **libraries' support for open science in ERA**
- UL suggested to the Slovenian Research Agency: **packet allocation of ORCIDs** to all Slovenian researchers with national research codes (to be visible at personal pages of researchers bibliographies and in national SICRIS)

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Open science at **University of Ljubljana**



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## Repository of the University of Ljubljana

Open Science Slovenia



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## Intro

Open access to all peer-reviewed publications from projects, co-financed by the Horizon 2020 Framework Programme for financing of research and innovation, is a general principle. A pilot for open access to research data takes into consideration the specificities of scientific areas and sensitive aspects of research data like privacy, trade secrets, national security, legitimate commercial interests and intellectual property rights (details [here](#)).

The European Commission recommends that EU Member States adopt the same policies for open access to the research results, co-financed from national public budgets, as apply in Horizon 2020. Regarding national open access environments the Member States are recommended to ensure that guidance is provided to researchers. E-infrastructures should be built for deposit, access to and preservation of open access publications and research data.

The Government of the Republic of Slovenia has adopted the National strategy of open access to scientific publications and research data in Slovenia 2015–2020 in September 2015. The beneficiaries of national funding have to ensure open access to all peer-reviewed scientific articles that refer to the results from the co-funded research. The National strategy of open access is fully aligned with provisions on open access in Horizon 2020. Slovenian researcher and his organization that has signed the grant agreement will fulfill the provisions regarding open access in Horizon 2020 and in the National strategy of open access in the same way.

In Slovenia the national information portal [openaccess.si](#) has been established in 2011. In 2013 the Slovenian universities have built institutional repositories for open access to diploma, master and doctoral theses and research publications, and [the national open science portal](#). The project was part financed by the European Regional Development Fund and the Ministry of Education, Science and Sport.

Compliance of university repositories with OpenAIRE Guidelines will enable the researchers to fulfill the requirements of Horizon 2020 Framework Programme regarding open access to publications from co-financed research and will enable the national research funders to monitor compliance with open access in co-financed programmes and projects.

Metadata of doctoral theses from Slovenian universities will be included into the [DART-Europe](#) portal.



- National **strategy** for funders / **open access mandates** of **organizations**
- National **information** portal (*Open Access Slovenia*)
- National infrastructure for **open peer-reviewed publications**: institutional repositories + national portal (*Open Science Slovenia*)
- **National infrastructure for open research data**: data centers + national portal + metadata harvesting from international data archives
- Portal of **national scientific journals**
- National open access **helpdesk** (research librarians)
- **Curation and preservation** of open publications and research data





**Thank you for your attention!**

**HVALA LEPA!**

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