

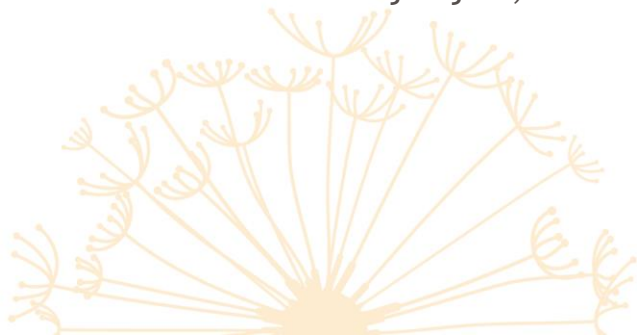


Facilitate Open Science Training for European Research

Vloga knjižničarjev pri odpiranju raziskovalnih podatkov in vodenju bibliografij raziskovalcev

DELAVNICA 1: Odprti raziskovalni podatki v družboslovju in humanistiki

Univerza v Ljubljani, Fakulteta za družbene vede, Arhiv družboslovnih podatkov, 18. junij 2014



ODPRTI DOSTOP V RAZISKOVALNI DEJAVNOSTI EVROPSKE UNIJE

mojca.kotar@uni-lj.si

Univerza v Ljubljani



[Creative Commons Priznanje avtorstva 4.0 International](https://creativecommons.org/licenses/by/4.0/)

Vsebina predstavitve

- razvoj odprtega dostopa v EU (v raziskovalni dejavnosti)
- odprti dostop v Obzorju 2020 in v nacionalnem financiranju raziskovalne dejavnosti
- stanje v Sloveniji
- portal OpenAIRE

Razvoj odprtega dostopa v EU (v raziskovalni dejavnosti) 1

- 2004 → 2006: Study on the Economic and Technical Evolution of the Scientific Publication Markets in Europe
- 2007: ERC Scientific Council guidelines for open access
- 2007: Council Conclusions on scientific information in the digital age: access, dissemination and preservation
- 2008: Open Access Pilot in FP7
- 2009-2012: projekt OpenAIRE
- 2010: Riding the wave: how Europe can gain from the rising tide of scientific data

Razvoj odprtega dostopa v EU (v raziskovalni dejavnosti)

2

Julija 2012 strateški dokumenti za obdobje 2014-2020:

- A Reinforced European Research Area Partnership for Excellence and Growth (določa odprti dostop za celoten Evropski raziskovalni prostor)
- Towards better access to scientific information: Boosting the benefits of public investments in research (določa odprti dostop za Obzorje 2020)
- Commission Recommendation of 17. 7. 2012 on access to and preservation of scientific information (določa odprti dostop za nacionalno financirane raziskave)

Popolnejši pregled aktivnosti EU na <http://www.openaccess.si/mednarodna-raven/pregled-aktivnosti-evropske-unije/>

Več o stanju odprtega dostopa v državah članicah EU na <https://www.openaire.eu/noads/oa-member-states>



Nezaključeni projekti 7.OP na temo odprtega dostopa

- OpenAIREplus (2011-2014)
- EUDAT (2011-2014)
- SERSCIDA (2012-2014)
- RECODE (2013-2015)
- PASTEUR4OA (2014-2016)
- FOSTER (2014-2016)

Odprti dostop do objav in podatkov priporočajo tudi

- Science Europe / Global Research Council
- European University Association (EUA)
- League of European Research Universities (LERU)
- Organisation for Economic Co-operation and Development (OECD)
- United Nations Educational, Scientific and Cultural Organization (UNESCO)

Evropski raziskovalni prostor

Obzorje 2020:

- obvezna odprta dostopnost objav iz sofinanciranih projektov
- pilot za odprte raziskovalne podatke, vsebuje tudi načrt ravnanja z raziskovalnimi podatki (*Data Management Plan*)
 - [Fact sheet: Open Access in Horizon 2020](#), 9. dec. 2013
 - [Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020](#), 11. dec. 2013
 - [Guidelines on Data Management in Horizon 2020](#), 11. dec. 2013

Nacionalno financiranje:

- države članice EU naj sprejmejo enaka določila, kot veljajo za Obzorje 2020 (do konca 2014)
 - [Commission Recommendation of 17. 7. 2012 on access to and preservation of scientific information](#)

Obzorje 2020: tipska pogodba o sofinanciranju

Multi-beneficiary General Model Grant Agreement, Version 1.0, December 11, 2013

ARTICLE 29 — DISSEMINATION OF RESULTS — OPEN ACCESS — VISIBILITY OF EU FUNDING	59
29.1 General obligation to disseminate results	59
29.2 Open access to scientific publications	60
29.3 Open access to research data	61
29.4 Information on EU funding — Obligation and right to use the EU emblem.....	61
29.5 Disclaimer excluding <i>[Commission][Agency]</i> responsibility.....	62
29.6 Consequences of non-compliance	62

29.2 Open access to scientific publications

Each beneficiary must ensure open access (free of charge, online access for any user) to all peer-reviewed scientific publications relating to its results.

In particular, it must:

- (a) as soon as possible and at the latest on publication, deposit a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication in a repository for scientific publications;

Moreover, the beneficiary must aim to deposit at the same time the research data needed to validate the results presented in the deposited scientific publications.

- (b) ensure open access to the deposited publication — via the repository — at the latest:
 - (i) on publication, if an electronic version is available for free via the publisher, or
 - (ii) within six months of publication (twelve months for publications in the social sciences and humanities) in any other case.

29.3 Open access to research data

[OPTION for actions participating in the open Research Data Pilot: Regarding the digital research data generated in the action ('data'), the beneficiaries must:

- (a) deposit in a research data repository and take measures to make it possible for third parties to access, mine, exploit, reproduce and disseminate — free of charge for any user — the following:*
 - (i) the data, including associated metadata, needed to validate the results presented in scientific publications as soon as possible;*
 - (ii) other data, including associated metadata, as specified and within the deadlines laid down in the 'data management plan' (see Annex 1);*
- (b) provide information — via the repository — about tools and instruments at the disposal of the beneficiaries and necessary for validating the results (and — where possible — provide the tools and instruments themselves).*

Stroški odprtih objav (zlati in hibridni odprti dostop)

So upravičeni stroški v projektih Obzorja 2020:

1. v času trajanja projekta
2. po zaključku projekta (pilot)

Priporočilo Komisije z dne 17. 7. 2012 o dostopu do znanstvenih informacij in njihovem arhiviranju

(v državah članicah EU)

- there should be open access to publications resulting from publicly funded research as soon as possible, preferably immediately and in any case no later than six months after the date of publication, and twelve months for social sciences and humanities;
- research data that result from publicly funded research become publicly accessible, usable and re-usable through digital e-infrastructures. Concerns in particular in relation to privacy, trade secrets, national security, legitimate commercial interests and to intellectual property rights shall be duly taken into account. Any data, know-how and/or information whatever their form or nature which are held by private parties in a joint public/private partnership prior to the research action and have been identified as such shall not fall under such an obligation;

Odprte recenzirane znanstvene objave

Zlati OD = odprte revije (plačilo objave):

- licenca CC-BY: © 2014 Avtor1 et al.
- licenca CC-BY dovoljuje shranitev založnikove datoteke v repozitorij, vsebina dostopna takoj

Hibridni OD = posamezen članek v naročniški reviji je odprto dostopen (plačilo objave):

- licenca CC-BY: © 2014 Avtor1 et al.
- licenca CC-BY dovoljuje shranitev založnikove datoteke v repozitorij, vsebina dostopna takoj

Zeleni OD = članki objavljeni v (naročniških) revijah + prednatisi shranjeni v repozitorije:

- © 2014 Založnik
- založnik dovoli shranitev avtorjeve končne recenzirane različice v repozitorij, časovni zamik dostopnosti vsebine (t.i. embargo)

Primeri nacionalnih infrastruktur odprtega dostopa

- NARCIS, Nizozemska
- RIAN, Irska
- NORA, Norveška
- OA-Netzwerk, Nemčija
- openarchives.gr, Grčija
- PLEIADI, Italija
- Federacja bibliotek cyfrowych, Poljska
- RCAAP, Portugalska
- RECOLECTA, Španija
- DiVA, Švedska

Načrti:

- SHared Access Reseach Ecosystem (SHARE), ZDA



Stanje v Sloveniji: strategije in politike

- Resolucija o raziskovalni in inovacijski strategiji Slovenije 2011-2020: „prost dostop do surovih podatkov iz raziskav, financiranih z javnimi sredstvi“
- Načrt razvoja raziskovalnih infrastruktur 2011-2020: prost in odprt dostop do raziskovalnih podatkov ter objav
- financerji in raziskovalne organizacije še niso sprejeli politik odprtega dostopa
- ARRS: e-oblike sofinanciranih znanstvenih revij in končna poročila projektov v dLib.si
- Univerza v Mariboru podpisala Berlinsko deklaracijo o odprtem dostopu v znanosti

Stanje v Sloveniji: infrastruktura

- 2010-2013: projekt Odprti podatki → predlog akcijskega načrta
- 2010-2011: priporočila glede portala slovenskih znanstvenih in literarnih revij
- 2011: informacijski portal Open Access Slovenia
- 2013: Nacionalni portal odprte znanosti in repozitoriji univerz

Nacionalni portal odprte znanosti (<http://www.openscience.si>)

- ugotavljanje podobnosti dokumentov (plagiatorstva)
- iskalnik po repozitorijih in drugih slovenskih zbirkah
- priporočanje podobnih vsebin

Digitalna
knjižnica
Univerze v
Mariboru

Repozitorij
Univerze v
Ljubljani

Repozitorij
Univerze na
Primorskem

Repozitorij
Univerze v
Novi Gorici

druge
slovenske
zbirke

ePrints.FRI

PeFprints

DRUGG

ADP

Repozitoriji:

- vsebujejo celotna besedila del
- povezani s COBISS.SI in s SICRIS-om
- vključeni v DART-Europe, kompatibilni z OpenAIRE
- priporočanje podobnih vsebin



Evropska komisija na portalu OpenAIRE zbira metapodatke objav in sklopov raziskovalnih podatkov iz evropskih projektov ter nacionalnega financiranja raziskovalne dejavnosti

Publications

Document Type	Document Language	Publication Year	Datasource
Article (6014115)	English (5651805)	2012 (800113)	Europe PubMed
Unknown (829745)	Undetermined (664290)	2011 (745391)	Central (2504558)
Other (280335)	Spanish (575728)	2010 (661932)	DOAJ-Articles (1515417)
Doctoral thesis (270812)	Portuguese (275329)	2013 (571771)	arXiv.org e-Print
Conference object (214209)	German (242839)	2009 (571447)	Arc... (935545)
	View more	View more	INRIA - CCSD

<http://www.openaire.eu>

View more

Funder
European Commission (73722)
Wellcome Trust (12124)

Data

Dataset Type	Dataset Language	Publication Year	Datasource
Unknown (611)	English (101) German (2)	2013 (1)	Datacite (597) Zenodo for Research D... (14)

Funder	Access Mode
European Commission (4)	UNKNOWN (608) Open Access (3)

> Projects

Funder	Funding Stream	Start Year	End Year
European Commission (24155)	SP3 (10744)	2012 (4750)	2015 (4231)
Wellcome Trust (8495)	SP1 (6953)	2011 (4645)	2014 (4216)
	SP2 (4327)	2013 (4368)	2013 (3871)
	Molecules, Genes	2010 (4298)	2016 (3603)

> Organizations

Country	Organization Type
Germany (3662)	Legal Person (27396)
United Kingdom (Great... (2847)	Enterprise (17972)
Spain (2463)	Small-Medium
Italy (2350)	Enterprise (12622)
France (2307)	Non-profit
View more ↗	

> Datasources

Datasource Type	Datasource Language	Content	Compatibility
Journal (1872)	English (143)	Journal articles (289)	under validation (1886)
Publication	German (60)	Theses and dissertations (42)	OpenAIRE basic (DRIVE... (279)
Repository (448)	Spanish (51)	Bibliographic references (16)	OpenAIRE 2.0+ (DRIVER... (99)
other (6)	Portuguese (36)	Books, chapters and s... (14)	OpenAIRE 2.0 (EC fund... (53)
Journal Aggregator (3)	Italian (18)	Conference and worksh... (12)	native (7)
Publication	View more ↗	View more ↗	View more ↗
Repositor... (3)			
View more ↗			



<http://www.openaccess.si>

<http://www.openscience.si>