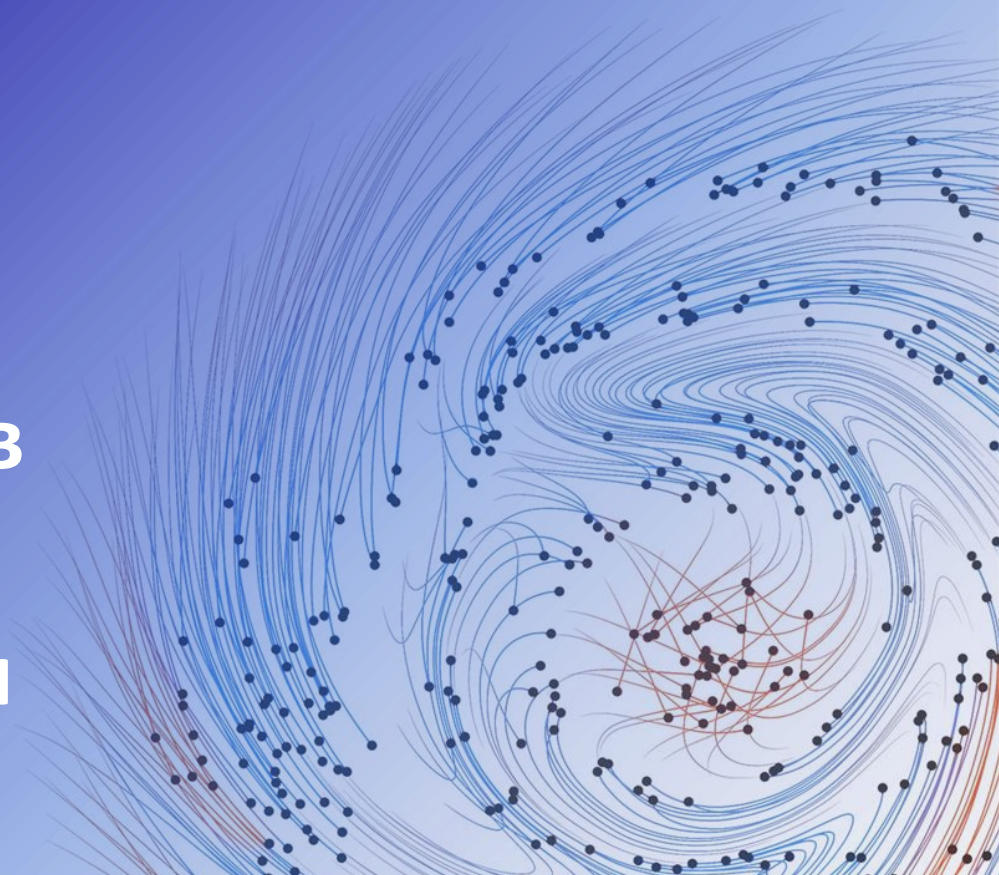
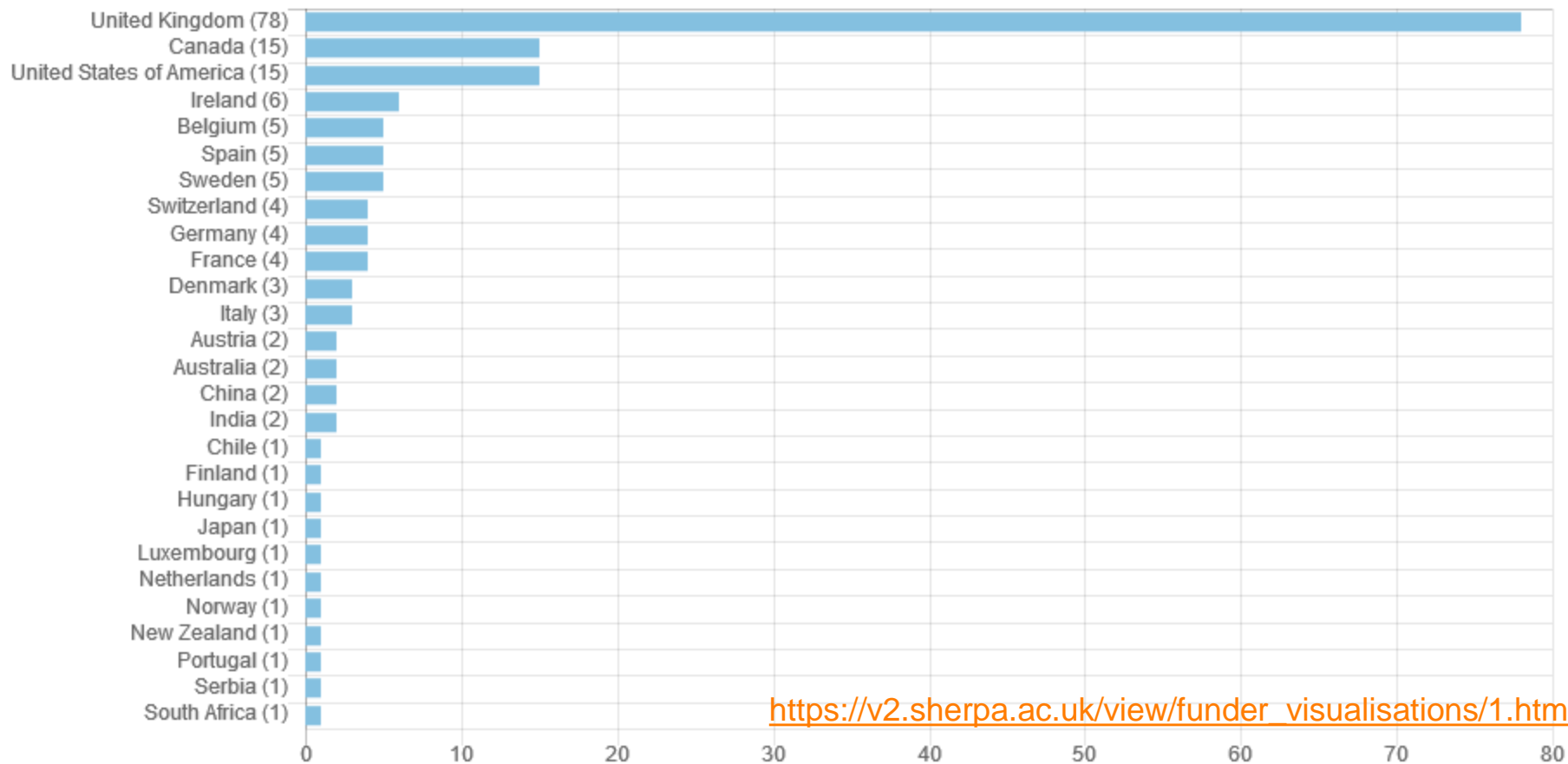




Политика в области  
открытой науки:  
подходы и тренды в  
Европе  
Введение в сервисы  
OpenAIRE



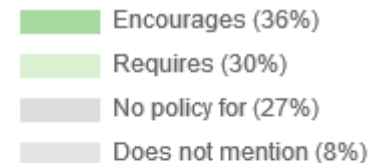
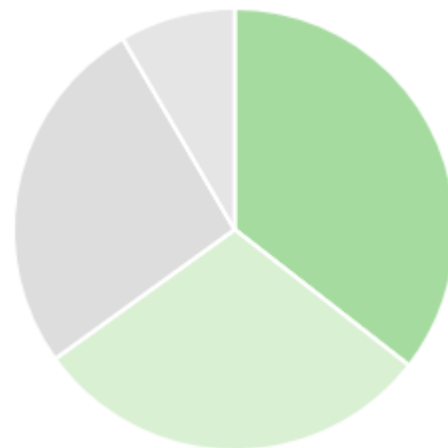
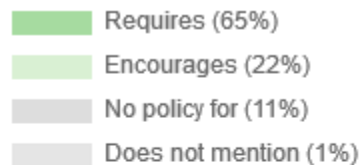
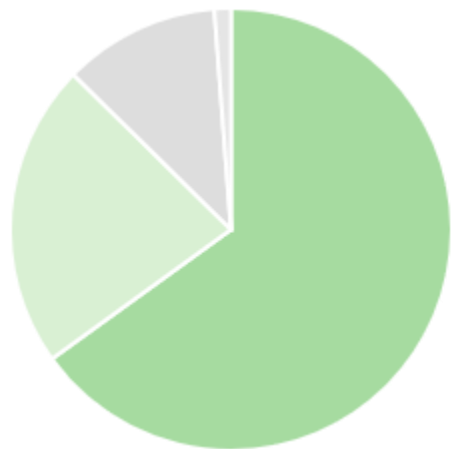
# Политики открытого доступа научных фондов



[https://v2.sherpa.ac.uk/view/funder\\_visualisations/1.html](https://v2.sherpa.ac.uk/view/funder_visualisations/1.html)

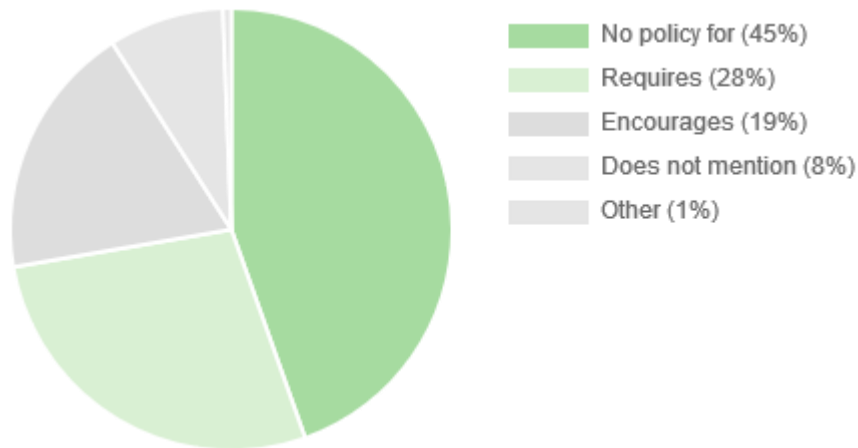
# Политики открытого доступа научных фондов (2)

## Репозитарии открытого доступа Журналы



# Политики открытого доступа научных фондов (3)

## Политики архивирования научных данных



# Бельгия

There are three main funders: BELSPO (federal), FWO (Flanders) and F.N.R.S. (Wallonia)

## BELSPO

- At BELSPO, there is an Open Access Mandate which requires:
  1. Depositing publications in Green Open Access institutional or thematic repositories on ID/OA basis (Immediate Deposit - Optional Access).  
and recommends to:
  2. Publishing in free of charge Diamond Open Access Journals/platforms run by public organizations.
  3. Publishing in commercial Gold Open Access Journals with transparent pricing policies and fair prices for genuine added value.
- The BELSPO Open Research Data policy complies with FAIR principles and its conception is to be considered fully within the EOSC framework. BELSPO expects a provisional DMP upon submission of the grant application, and a completed DMP no later than 6 months after the start date of the project. After the end of the project data should be deposited in a certified and trusted data repository. The BELSPO follows the FAIR research data management principles in the template of their DMP. Furthermore it encourage re-use of research data where possible.

<https://www.openaire.eu/item/belgium>

# Бельгия

## FWO

- According to the general regulation of the Research Foundation-Flanders (FWO), it is mandatory to make publications resulting from FWO funded research publicly available in a repository after maximum 1 year. Open Access 'Gold' is optional, for which the FWO funded researchers can make use of the consumables or bench fees that are part of their funding. The main host institutions, i.e. the Flemish universities, have repositories in place to facilitate this measure.

FWO demands that researchers ensure that all data relating to their research are stored securely and sustainably, taking into account the specific characteristics of the discipline and the nature of the research. To stimulate exchange of good practices and expertise a working group on research data management has been established within the Flemish Interuniversity Council (VLIR).

## F.R.S. - F.N.R.S.

The F.R.S.-FNRS has issued a regulation on the implementation of the policy of Open Access to scientific publications resulting from research programmes supported by the F.R.S.-FNRS and Associated Funds, which is in force since 30/06/2013

<https://www.openaire.eu/item/belgium>

# Дания

## Open Access

- Publications
  - Vision and targets
  - **Denmark's National Strategy for Open Access**
  - Open Access policy in Councils and foundations
  - Open Access Indicator

## Denmark's National Strategy for Open Access

Denmark's National Strategy for Open Access forms the basis of work by the Ministry of Higher Education and Science with relation to research publications

The strategy states that the implementation of Open Access is to take place through the green model – i.e. parallel filling of quality-assured research articles in institutional or subject-specific archives (repositories) with Open Access. However, the strategy does not exclude the use of the golden model as long as it does not increase the expenses for publication.

Two central principles form the basis for the strategy:

- The implementation of the Open Access is to support the possibility for Danish researchers to continue to publish in the most recognised national and international journals, and also the possibility to publish
- For the sake of research and society, it is stressed that it is crucial that the aggregate public expenditure to research publications is not increased significantly because of the implementation of Open Access

[> Read Denmark's National Strategy for Open Access \(pdf\)](#)

last modified Sep 18, 2018

- Print
- Read aloud
- Facebook
- LinkedIn
- Twitter
- Send

# Дания

The screenshot shows a web browser window with the URL <https://ufm.dk/en/research-and-innovation/cooperation-between-re>. The page title is 'national-strategy-for-open-ac'. The browser's address bar shows the URL and a search icon. The page content includes the logo of the Ministry of Higher Education and Science Denmark, the title 'Denmark's National Strategy for Open Access', and several paragraphs of text. A 'Vision' box and a 'Targets' box are also present. The page is dated 20 June 2018 and includes contact information for the Danish Agency for Science and Higher Education.

**Ministry of Higher Education and Science Denmark**

## Denmark's National Strategy for Open Access

Open Access is a question of achieving the maximum effect from research.

There are many benefits for Danish companies, Danish research and Danish society in having free accessibility – Open Access – to research. With everyone having increased accessibility to online scientific articles, we will see more effective knowledge-sharing between researchers, research institutions, and companies. Open Access will result in new and improved research opportunities, particularly within interdisciplinary research, and improved access to research-based knowledge for companies and others. And thereby will contribute to the latest knowledge being disseminated quicker and creating innovation and growth in society.

**Vision**

To create free access for all citizens, researchers and companies to all research articles from Danish research institutions financed by public authorities and/or private foundations.

Researchers, universities and other research institutions, research councils and foundations, libraries, publishing houses and companies all play a crucial role in optimising knowledge sharing and the application of the latest research findings. Now it is a question of ensuring that all will also contribute to the optimal implementation of Open Access for research and innovation in Denmark.

**Targets**

From 2025 onwards, there should be unimpeded digital access for all to all peer-reviewed scientific articles from Danish research institutions – with a maximum 12-month embargo.

20 June 2018

**Danish Agency for Science and Higher Education**

Bredgade 40  
1260 Copenhagen K  
Denmark  
Phone +45 3544 6200  
Fax +45 3544 6201  
sfu@ufm.dk  
www.ufm.dk/en

CVR no. 1991 8440

Responsible  
Hanne-Louise Kirkegaard  
Phone +45 + 45 72 31 82 46  
hki@ufm.dk

Ref. no.  
17/062761-35



# Дания


**Prerequisites for successful implementation**

The strategy is primarily focused on Green Open Access, while noting that Golden Open Access is widespread in a number of scientific fields and is promoted by a range of international publishers and individual countries, e.g. the Netherlands.

Golden Open Access covers a model where the journal as such is published as Open Access, and all its articles are immediately accessible online free of charge. The costs – Article Processing Charges – are typically covered by the researcher who pays the journal/publisher for the publication of each individual article. For the time being, this model often implies considerable extra costs for public authorities in relation to the existing subscription-based publication model.

By contrast, Green Open Access refers to publication in a quality-assured journal coupled with parallel archiving of the final quality-assured version of the research-

Page 2/4

 **Ministry of Higher Education and Science Denmark**

er's article in a digital repository. This repository will have online Open Access for all, potentially following any embargo period as set by the journal.

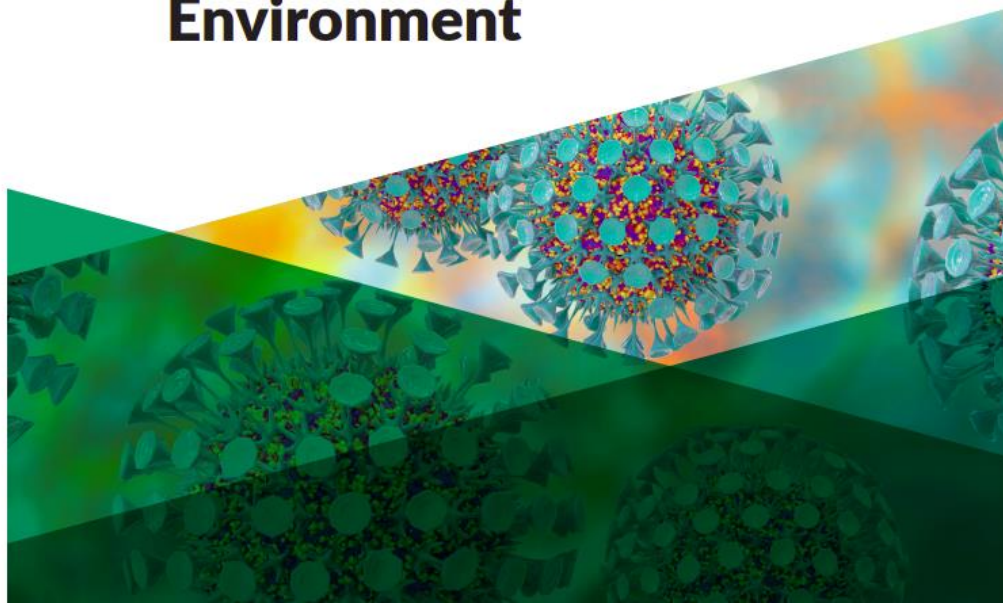
Green Open Access is a swift and cost-effective method for disseminating highly valued and quality assured scientific articles. Green Open Access is not a change of existing quality assurance on the part of the publishers. It merely means that the final quality-assured version of the article is published and disseminated from an

# Ирландия



Rialtas na hÉireann  
Government of Ireland

## National Framework on the Transition to an Open Research Environment



[http://norf-ireland.net/wp-content/uploads/2019/07/NORF\\_Framework\\_10\\_July\\_2019-2.pdf](http://norf-ireland.net/wp-content/uploads/2019/07/NORF_Framework_10_July_2019-2.pdf)

# Open access to research publications

1. All Irish scholarly publications resulting from publicly funded<sup>7</sup> research will be openly available by default from 2020 onwards and will be accessible on an ongoing basis. It is recognised that the timeline to achieve open access for publications other than journal articles and conference proceedings, e.g. monographs and book chapters, may take longer.
2. Where publication is in accordance with these principles, researchers may publish where they feel is most appropriate. Individual researchers, research performing organisations, and research funders have a collective duty of care for the research system as a whole (including those who work within it) and for ensuring the widest possible dissemination of research.
3. Every researcher in Ireland shall have the rights and the facility to deposit/publish via a suitable open access journal, platform, or repository. All researchers should be able to publish their work on open access even when their institutions or disciplines have limited means or if they are researchers not in receipt of a research grant.
4. In supporting research excellence across all disciplines, the National Action Plan will consider the variation in publishing practices, e.g. the different rates of journal article publishing across disciplines.
5. New and innovative models for open access publishing are encouraged, including high-quality open access publishers who do not charge open access publication fees. In the event of publication fees being charged, their funding will be standardised and capped in line with European and/or international agreements, and associated journals should be managed according to ethical and economically inclusive principles. The payment of open access fees to hybrid journals will not be supported.<sup>8</sup>
6. The final published version of a publication or the peer-reviewed Author's Accepted Manuscript (AAM) should be made open access.
7. Open access should be immediate upon publication without any embargo period.<sup>9</sup>
8. Open access publications must be accompanied by an open licence, preferably the Creative Commons Attribution licence, CC BY, or another appropriate Creative Commons licence, such as CC BY-SA or CC0. Licensing terms should not unduly restrict text and data mining, in accordance with and without prejudice to applicable copyright legislation. The licence applied should fulfil the requirements defined by the Berlin Declaration on Open Access.<sup>10</sup>
9. Authors/institutions are encouraged to retain copyright of their publications.

# Enabling FAIR research data

**15.** The following research data management principles are confirmed and supported:

- i) Findable, Accessible, Interoperable, and Reusable (FAIR)<sup>13</sup> data contribute to research integrity and reproducibility.
- ii) Those involved in each stage of the research process should have the capacity and skills necessary to enable FAIR data.
- iii) Prior planning is essential to ensure that research data are managed effectively through all stages of the research cycle, from creation to long-term preservation.
- iv) Research data should be interoperable across disciplinary boundaries to enable unrestricted sharing of reusable data between different systems and domains.
- v) A robust citation mechanism for referencing data is necessary for research validation and to make data findable and accessible.

- 16.** Data management planning is required as a standard practice from the earliest stage in the research process. Data management plans,<sup>14</sup> required as part of that standard practice, should address the following core requirements: data description and collection or reuse of existing data; documentation and data quality; storage and back-up during the research process; legal and ethical requirements; data sharing and long-term preservation; and data management responsibilities and resources.
- 17.** Datasets should be made easily identifiable through persistent identifiers, accompanied by standardised metadata, including funder names and grant numbers.

  - i) Where appropriate, datasets should be linked to other datasets and publications through recognised mechanisms.
  - ii) Additional information should be provided to enable the proper evaluation and reuse of data.
  - iii) Interoperability standards should be applied to facilitate the reuse of data within and across disciplines and to support automated processes acting across large, heterogeneous datasets.
- 18.** Research data should be 'as open as possible, as closed as necessary':

  - i) Research will become and remain findable, accessible, interoperable, and re-usable within a secure and trusted environment, through national and international digital infrastructures, including, where appropriate, within the European Open Science Cloud (EOSC).
  - ii) Research data may be restricted for justifiable reasons, such as commercial exploitation, confidentiality, security, protection of personal data, the achievement of the project's aim, and incompatibility with the further exploitation of the research results, or other stated legitimate grounds. Shared metadata are especially important for restricted data and should be made accessible if possible.
  - iii) Taking into account technological developments (including dynamic [real-time] data), the licensing terms used should not unduly restrict text and data mining of research data resulting from publicly funded research, in accordance with and without prejudice to the applicable copyright legislation.
  - iv) Any data, know-how, and/or information, whatever its form or nature, which is held by private parties in a joint public/private partnership prior to the research action will not be affected by this policy.
- 19.** Funders and institutions will include, in grant conditions and other support for research, their requirements for data management plans and for data sharing, together with details of their mechanisms for monitoring compliance.

# Инфраструктуры, компетенции, оценка

**Infrastructures for access to and preservation of research**

**Skills and competencies**

**Incentives and rewards**

26. Information on open research and associated skills attainment will be included in research reporting and evaluation at the national level.

27. The academic career system will support and reward researchers who participate in a culture of sharing the results of their research.

28. Funders and institutions will adopt open research metrics and 'responsible metrics', along with ways of rewarding the full diversity of outputs and of recording the broader social impact of research ('next generation metrics').

# Нидерланды



nationaal  
platform  
open  
science

<https://www.openscience.nl/en>

Search on the site



Home

Open Science

National Platform Open Science

Themes

Speakers

## Themes

[100% open access](#)

[Reuse of research data](#)

[Recognizing researchers](#)

[Encouraging open science](#)

[Citizen science](#)

## Open science in NL

Publications

[openaccess.nl](#)

Research data

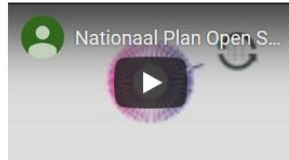
[lcrdm.nl](#)

Copyright

[auteursrechten.nl](#)

Open source software

[research-software.nl](#)



## Read more

[Open science and more](#)

[National Platform Open Science](#)

[Themes open science](#)

[Speakers about open science](#)

## Our recommendations for the recognising and valuing researchers

[Read our recommendations](#)

National goals and guidelines | x +

STATSMINISTERENS KONTOR (NO) | https://www.regjeringen.no

Text size English

Government.no

Search Search

Topics Documents What's new Ministries The Government

# Норвегия

You are here: [Home](#) • [Documents](#) • [Acts and Regulations](#) •  
National goals and guidelines for open access to research articles

[Share/Send](#) [Print](#)

## National goals and guidelines for open access to research articles

Guidelines | Date: 22/08/2017

The government's goal is that all publicly funded Norwegian research articles should be made openly available by 2024, and the government has established guidelines and measures for open access to research articles.

- Download the document [National goals and guidelines for open access to research articles](#) (PDF, 151 kB)

Openness about the results of research is a core academic value. Open access enhances the development and application of knowledge as users in the wider research community, the private sector and the general public share in the results of research. Results of publicly funded research should therefore be publicly available.

Ministry of Education and Research

### TOPIC

Research

### CONTACT

[Department for Legal Affairs](#)  
E-mail: [postmottak@kd.dep.no](mailto:postmottak@kd.dep.no)  
Phone: +47 22 24 75 03  
Address: Postboks 8119 Dep, 0032 Oslo  
Visitor address: Kirkegata 18, Oslo

<https://www.regjeringen.no/en/dokumenter/national-goals-and-guidelines-for-open-access-to-research-articles/id2567591/>

Greater openness in research is also important with regard to the ongoing



# Норвегия

National goals and guidelines for o x +

← → ↻ 🏠 🔒 https://www.regjeringen.no/contentassets/ae7f1c4b97d3... Search

📄 ⬆️ ⬇️ 2 of 2 Automatic Zoom 🖨️ 📄 📄 📄 ⏪ ⏩

**The government has established the following national guidelines to ensure all stakeholders work towards the same goal, including measures that shall support the ongoing work:<sup>2</sup>**

1. Publicly funded research articles are to be made openly available. Researchers shall examine the possibilities for publishing their articles in open access journals and choose open access journals where academically acceptable. Only in exceptional circumstances may articles that are publicly funded be published in journals that do not allow the article to be made available in an academic repository.
2. All publicly funded research articles must be deposited in a suitable academic repository. This shall take place at the latest on the publication date, irrespective of the publishing channel and when the article can be made openly available.
3. Institutions and consortia that negotiate agreements with publishers shall ensure that these agreements promote open access without increasing total costs, and that the terms and conditions are open and transparent.
4. Institutions that fund research projects shall contribute to cover the costs associated with open access publishing. In research performing institutions costs associated with open access publishing shall be seen as part of research budgets, just as costs associated with other key activities. Researchers and research performing institutions are encouraged via their networks to contribute to the promotion of publishing services that deliver the required quality at an appropriate price.

**Measures:**

To contribute to a successful implementation of the guidelines, the government will:<sup>3</sup>

1. Improve the functionality associated with depositing an article via the Cistin system.
2. Investigate how a national repository can be realised.
3. Introduce a requirement for articles to be deposited in a local or national repository in order to be counted in the performance based funding scheme. This requirement will not take effect until the necessary repositories and infrastructure are available to all research institutions.
4. Contribute to the development of new and sustainable models for the funding of open access publishing nationally and internationally
5. Develop indicators and statistics covering open access.



## Workshop: Specialiști Open Science, despre viitorul științei deschise în România

**UEFISCDI a lansat, pe 10 martie, prima sesiune de consultări publice organizate prin intermediul [Open Science Hub Romania](#) cu privire la identificarea opțiunilor strategice ale României în ceea ce privește știința deschisă („Open Science” - OS).**

Aproximativ 40 de actori naționali și experți internaționali au participat la workshop-ul organizat în București, urmând ca alte trei evenimente similare să fie organizate în această primăvară în Iași, Cluj-Napoca și, din nou, în Capitală.

Evenimentul a fost organizat în cadrul proiectului „Creșterea capacității sistemului CDI de a răspunde provocărilor globale. Consolidarea capacității anticipatorii de elaborare a politicilor publice bazate pe dovezi” și beneficiază de sprijin internațional de la consorții precum [OpenAIRE](#), [NI4OS](#), [RDA Europe](#).

Obiectivul acestor workshop-uri este de a schița tabloul contextului actual național și internațional (nevoi, provocări, oportunități), dar și de a oferi un context de schimb de experiență privind dezvoltarea de politici și planuri de acțiune pentru OS.

### Principale teme de discuții în cadrul acestor ateliere de învățare mutuală au fost concentrate pe:

- Publicarea în regim „open access” și implicațiile asociate ei;
- Drepturile de proprietate intelectuală și licențele deschise;
- Costurile publicării în regim „open access”;
- Planul S – argumente pro și contra pentru aderare;
- Depozite cu acces liber, „open data” și planurile de management al datelor;
- Metrici de nouă generație.



# Сербия: Платформа открытой науки

- In July 2018, the Ministry of Education, Science and Technological Development (MESTD) of the Republic of Serbia adopted a national open science policy – the [Open Science Platform](#) – drafted by a Working Group
- Open Access (OA) is mandatory for all publications resulting from research funded by the MESTD, including journal articles, monographs, book chapters, conference objects, PhD theses (already mandated since 2014).
- “Publishing in a journal of choice and depositing an author’s copy in an OA repository”; embargo for providing OA - 12 months STEM/18 months SSH

# Сербия: Платформа открытой науки

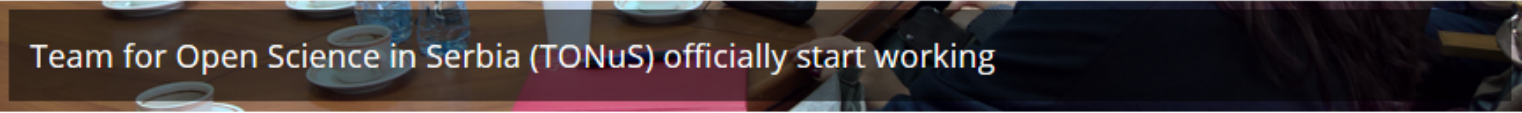
- OA for data is not mandated but it is recommended; the Platform specifies situations where data should not be shared.
- It also states that research institutions should adopt institutional open science policies within six months of the launch of the policy, using the national policy as a framework - and thus ensuring implementation of the national policy at the institutional level. Progress and compliance is monitored by the Ministry.

Institution	Date
Institute of Technical Sciences of the Serbian Academy of Sciences and Arts (ITS SASA)	September, 2018
University of Kragujevac	December, 2018
Institute for Balkan Studies of the Serbian Academy of Sciences and Arts	December, 2018
Institute for Plant Protection and Environment	December, 2018
University of Criminal Investigation and Police Studies	January, 2019
Institute of Architecture and Urban and Spatial Planning of Serbia	February, 2019
University of Pristina, Kosovska Mitrovica	March, 2019
<a href="#">University of Belgrade</a>	March, 2019
Institute for Animal Husbandry	March, 2019
University of Niš	March, 2019
University of Arts in Belgrade	July, 2019
University of Novi Sad	September, 2019
State University of Novi Pazar	September, 2019

# Сербия: Открытая наука в Законе о Науке и образовании, июнь 2019

- Article 4 of the law states that conducting research work in accordance with the principles of open science is recognized as a fundamental principle of science and research.
- Article 6 is entirely dedicated to open science, and stresses the importance or alignment with the requirements of the European Commission (EC), which mandates open science to all EC-funded research:
- Article 72 refers to open data: publicly available, in a machine readable format, ready for use and re-use. [See the law [here, in Serbian.](#)]

<https://eifl.net/news/open-science-included-new-serbian-law>



## Team for Open Science in Serbia (TONuS) officially start working

Open science has become a reality and a necessity for all disciplines in the Serbian research community. By adopting the Open Science Platform (2018) and the Law on Science and Research (2019), the Ministry of Education, Science and Technological Development showed its commitment to implement the principles of Open Science in Serbia. Over the past two years, it has been possible to identify a number of actions and activities that could lead to an effective implementation of OS principles in Serbia (e.g. APC discounts, incentives for FAIR data practices, OS-related education and training at all levels, the inclusion of local initiatives and services in the EOSC, etc.).

To address these issues, the Ministry of Education, Science and Technological Development has established the Team for Open Science in Serbia (TONuS). The first meeting of the team was held on 16 January 2020.

Along with the Secretary of State and all Assistant Ministers responsible for science, TONuS includes a broad group of experts in this field. The meeting room was small (again:) since 29 people participate: 6 decision-makers, 17 researchers, 6 librarians and research-support stuffs.

The task of TONuS is to identify and define all improvements, measures and regulations related to Open Science, and to ensure that they are implemented in the local research community as efficiently as possible.

<https://www.openaire.eu/blogs/aligning-the-development-of-open-science-in-serbia-with-european-initiatives>

# Словакия

In the mid of November, a new [Open Government Partnership Action Plan](#) 2020-2021 was adopted in Slovakia, already the fourth OGP Action Plan in order. The first one has already been implemented in 2012. The OGP 2020-2021 Action Plan builds on previous action plans. Topics concerning open data, open education, open science, open justice and citizen participation remain represented, only with new objectives and priorities:

## 1. Open Data

- to regularly publicly inform about fulfillment of ministry tasks (set up system enabling publishing of the fulfillment of tasks issued from the resolutions from SK government in a unified and structured form),
- publish data sets and API (develop and put into practice publishing minimum for state administration, after annually publish data on open data portal),
- inform about using of finances (develop quantitative analysis of information disclosure in the subsidy scheme module)

## 2. Open Education

- to operate and support usage of educational sources (legislatively adjust conditions for introduction of an open licenses, identify person responsible for creation of open educational sources, promote open educational sources, monitor and publish database of open educational sources)

## 3. Open Science

- main task is adoption of National Open Science strategy (prepare and launch pilot projects at universities and in research libraries)

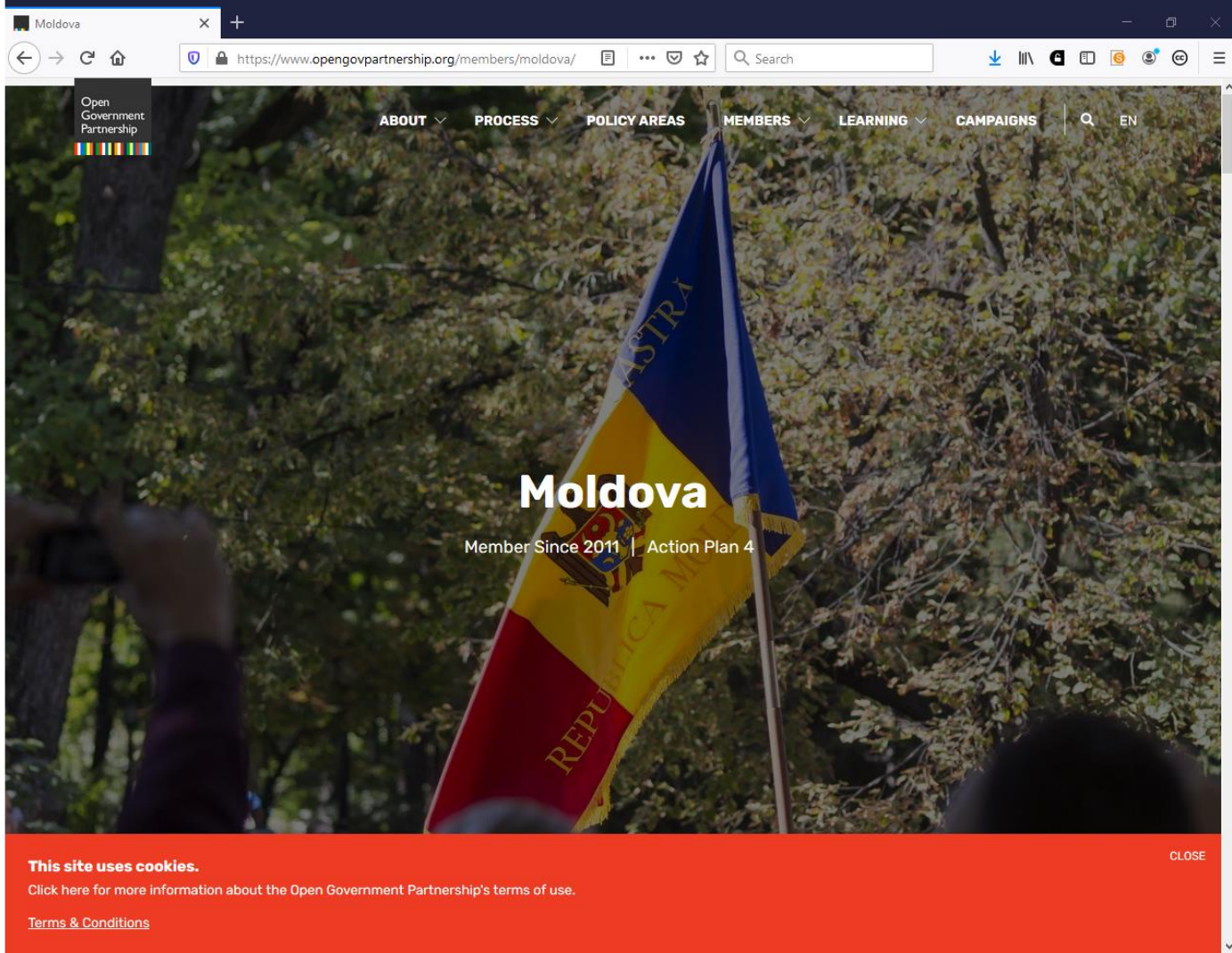
## 4. Citizen participation

- is important to create public policies and development of citizen society (promote awareness of the added value of cross-sector partnership)

- 5. Open Justice** part goal is to spread public publishing of legislative materials at Slov-Lex portal (such as selected implementing regulations and internal organizational and managements acts of ministries and other central government bodies)

<https://www.openaire.eu/blogs/new-open-government-partnership-action-plan-in-slovakia-for-years-2020-2021>





<https://www.opengovpartnership.org/members/moldova>

# Словения

<https://www.openaire.eu/os-slovenia>

## National Policy

The Government of the Republic of Slovenia adopted the [National Strategy of Open Access to Scientific Publications and Research Data in Slovenia 2015-2020](#) in September 2015 ([ROARMAP record](#)) and [the action plan](#) in May 2017.

Mr Peter Sterle from the Ministry of Education, Science and Sport acts as the national EOSC contact point.

University of Maribor Library and Academic and Research Network of Slovenia (ARNES) are partners in the [NI4OS-Europe](#) project (National Initiatives for Open Science in Europe).

## Funder policy

Funder policies are determined by the [National Strategy of Open Access to Scientific Publications and Research Data in Slovenia 2015-2020](#). Each beneficiary has to ensure open access to all peer-reviewed scientific publications that refer to the results from the nationally funded research. Before the adoption of the open research data mandate, a national pilot programme Open Access to Research Data will be carried out.

# Финляндия

## DECLARATION FOR OPEN SCIENCE AND RESEARCH (FINLAND) 2020–2025

### VISION

Open science and research are integrated in researchers' everyday work and support not only the effectiveness of research outputs but also the quality of research.

The Finnish research community is an international forerunner in open science and research.

### MISSION

- promote openness as a fundamental value throughout the research community and its activities
- strengthen societal knowledgebase and innovation
- improve the quality of scientific and artistic research outputs and the educational resources based on them, and the fluid mobility and impact of research outputs throughout society

### POLICY FOR OPEN SCHOLARSHIP

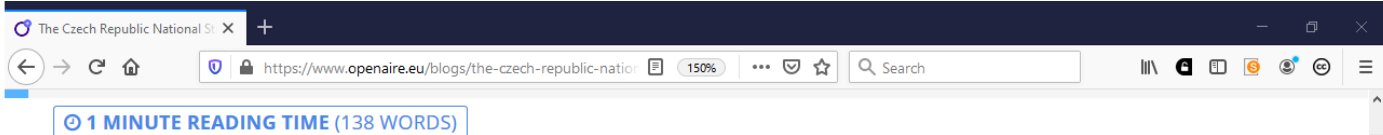
POLICY FOR  
OPEN ACCESS  
TO SCHOLARLY  
PUBLICATIONS

POLICY FOR  
OPEN ACCESS TO  
RESEARCH DATA AND  
METHODS

POLICY FOR THE  
OPEN EDUCATION  
AND EDUCATIONAL  
RESOURCES

[https://avointiede.fi/sites/default/files/2020-02/declaration\\_2020\\_0.pdf](https://avointiede.fi/sites/default/files/2020-02/declaration_2020_0.pdf)

# Чехия



## The Czech Republic National Strategy of Open Access to Scientific Information and Data

scholarly communication country highlights infrastructure policies & funders open science skills

 Iryna Kuchma  27 Jul 2017  1172 Hits  2 Comments

The Czech Republic National Strategy of Open Access to Scientific Information for 2017-2020 was approved by the Government on June 14, 2017. Decree of the Government (in Czech only, no. 444) is available [here](#).

The strategy includes open access to publications and data (Data Management Plans) requirements for publicly funded research projects. Interoperable and OpenAIRE compatible open access e-Infrastructure will be built. And awareness raising and educational activities will be conducted.



According to this decree, the action plan to implement the strategy will be developed by the end of 2017.

OpenAIRE NOAD in Czech Republic Daniela Tkačiková has played one of the key roles in the National Strategy development. She is in touch with the Office of the Deputy Prime Minister of Science, Research and Innovation and will keep us up to date on the action plan development.

<https://www.openaire.eu/blogs/the-czech-republic-national-strategy-of-open-access-to-scientific-information-and-data-1>

Plan S  
Making full and immediate Open Access a reality

Why Plan S Principles and Implementation Who's involved About Contact

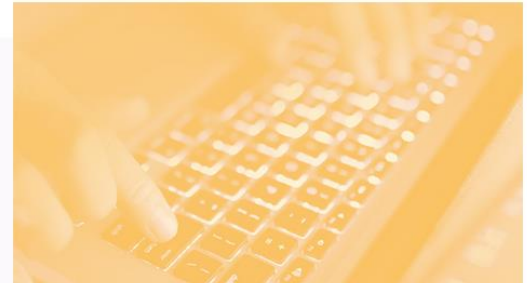
Plan S  
Making full and immediate Open Access a reality

## About Plan S

Plan S is an initiative for Open Access publishing that was launched in September 2018. The plan is supported by cOAlition S, an international consortium of research funders. Plan S requires that, from 2021, scientific publications that result from research funded by public grants must be published in compliant Open Access journals or platforms.

[Read more](#)

<https://www.coalition-s.org/#>



<https://www.coalition-s.org>



< Go back

# cOAlition S develops "Rights Retention Strategy" to safeguard researchers' intellectual ownership rights and suppress unreasonable embargo periods

15/07/2020

Publishers commonly require authors to sign exclusive publishing agreements which restrict what authors can do with their research findings, including making articles Open Access in line with their funders' requirements. To address this problem, cOAlition S has developed a [Rights Retention Strategy](#), which will empower their funded researchers to publish in their journal of choice, including subscription journals, and provide Open Access in compliance with Plan S.

One of the three Plan S routes to achieve full and immediate Open Access is via repositories, where, as a minimum, the Author Accepted Manuscript (AAM) is made openly available under a Creative Commons Attribution (CC BY) licence or equivalent, without any embargo.

The [Rights Retention Strategy](#) is designed to ensure that all cOAlition S funded scholarly publications are available as Open Access. In practical terms, it enables researchers to retain sufficient intellectual ownership rights in their work to make the AAM Open Access at the time of publication with a CC BY license.

*"The COVID-19 crisis has clearly shown that embargo periods are indefensible. No private or business interests can justify that new and original research results are held back for 6 or 12 months from other scientists, practitioners, governments and authorities, medical staff, patients and patient associations – especially those who are economically disadvantaged, who cannot afford expensive access tolls"*, emphasizes Marc Schiltz, President of Science Europe and Chair of the cOAlition S Leaders Group.

<https://www.coalition-s.org/coalition-s-develops-rights-retention-strategy>

# Plan S & Rights Retention

#RetainYourRights

[www.coalition-s.org/rights-retention-strategy](http://www.coalition-s.org/rights-retention-strategy)

Helping researchers  
retain their rights  
and share their work  
Open Access

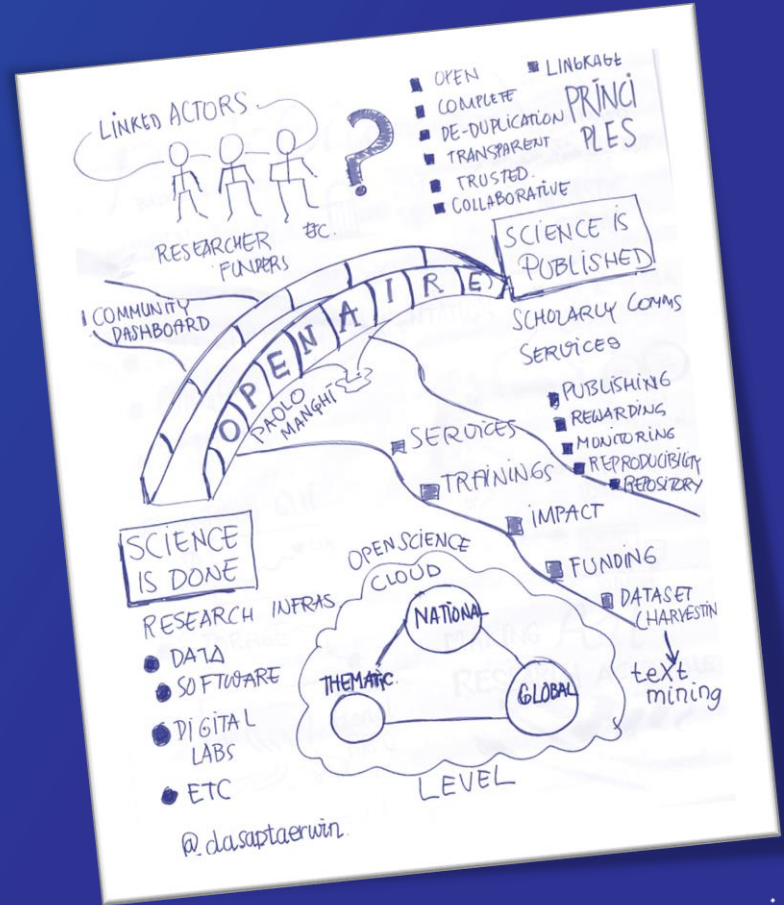


cOAlition S

Hosted by the European Science Foundation  
[info@coalition-s.org](mailto:info@coalition-s.org) ● [www.coalition-s.org](http://www.coalition-s.org)

# OpenAIRE

Bridging the worlds  
where science is  
**performed** and  
science is  
**published**





# Services for all actors

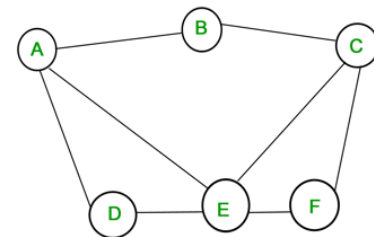


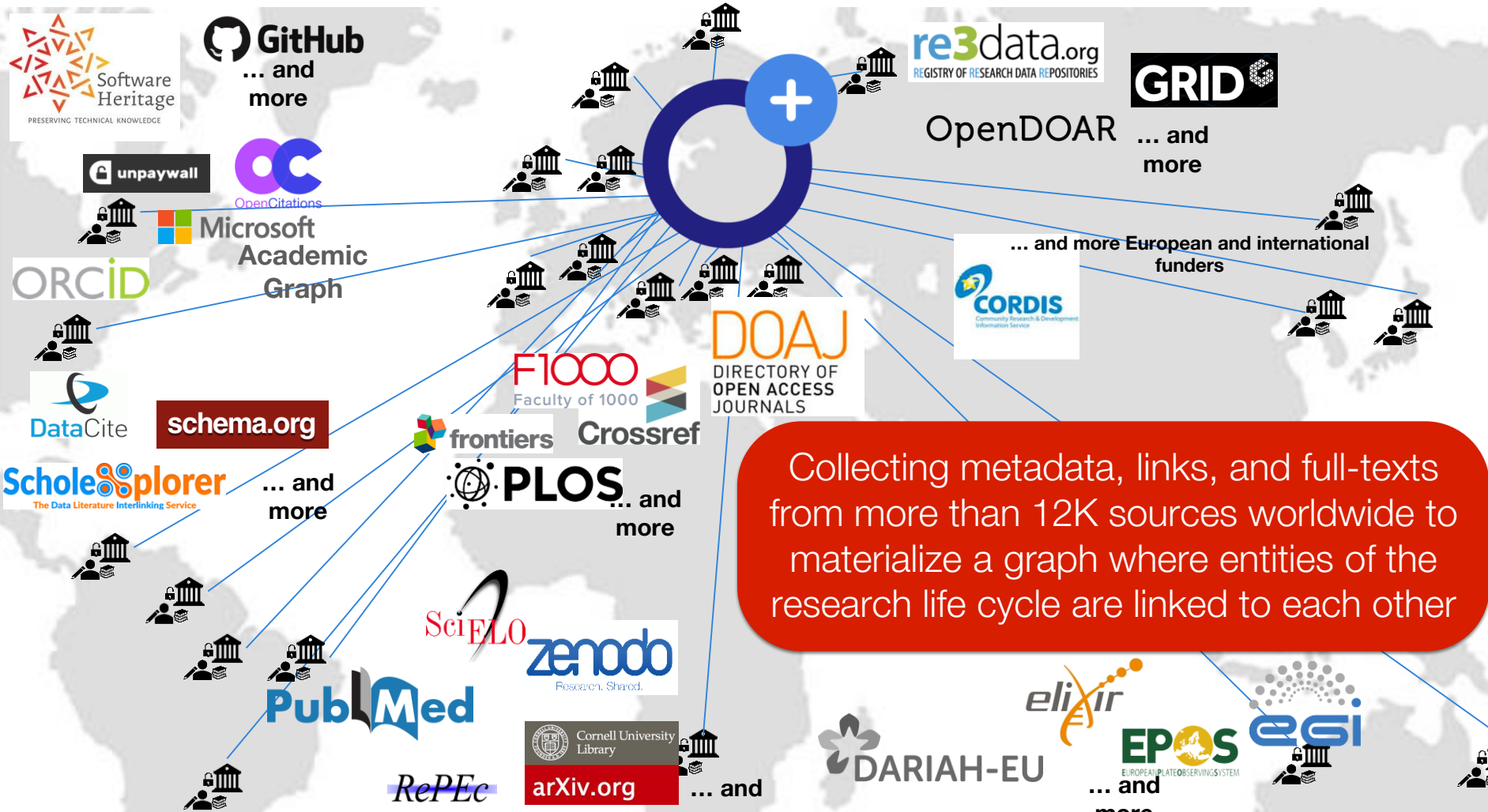
An open metadata research graph of interlinked scientific products, with access rights information, linked to funding information and research communities

**Graph:** model for the representation of information

OpenAIRE uses it to represent **objects** in the scholarly communication domain and the **relationships** that exist among them.

Edges of the graph are annotated with a label that specifies the **semantics** of the relationships between two objects, each represented as a node in the graph.





**Software Heritage**  
PRESERVING TECHNICAL KNOWLEDGE

**GitHub**  
... and more

**re3data.org**  
REGISTRY OF RESEARCH DATA REPOSITORIES

**GRID**

**OpenDOAR**  
... and more

**unpaywall**

**OpenCitations**

**Microsoft Academic Graph**

**ORCID**

... and more European and international funders  
**CORDIS**  
Commission Research & Development Information Service

**DOAJ**  
DIRECTORY OF OPEN ACCESS JOURNALS

**F1000**  
Faculty of 1000

**DataCite**

**schema.org**

**frontiers** **Crossref**

Collecting metadata, links, and full-texts from more than 12K sources worldwide to materialize a graph where entities of the research life cycle are linked to each other

**ScholarXplorer**  
The Data Literature Interlinking Service  
... and more

**PLOS** ... and more

**SciELO**

**zenodo**  
Research. Shared.

**PubMed**

**RePEc**

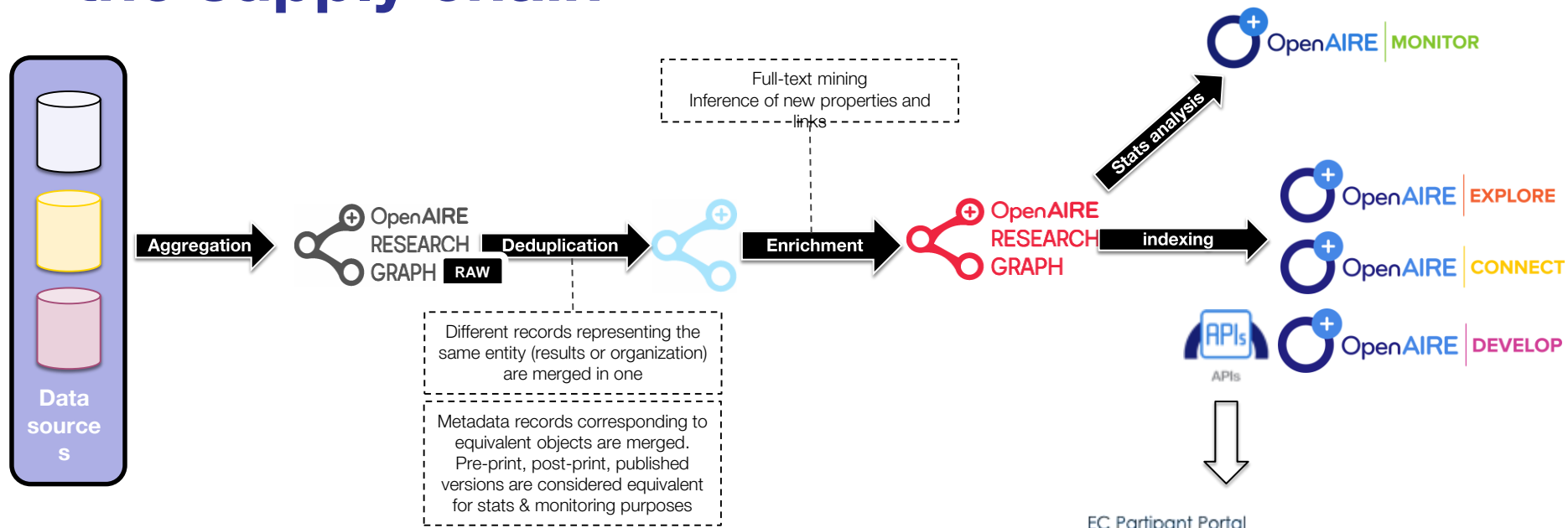
**arXiv.org**  
... and more

**DARIAH-EU**

**EPOS**  
EUROPEAN PLATFORM SERVICES SYSTEM  
... and more

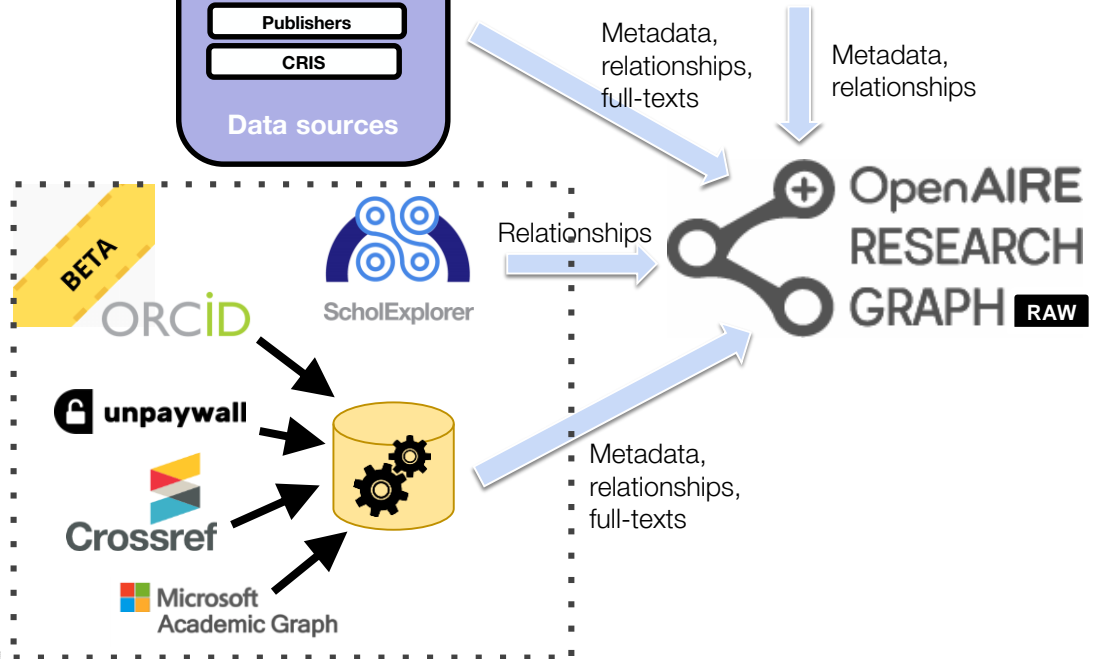
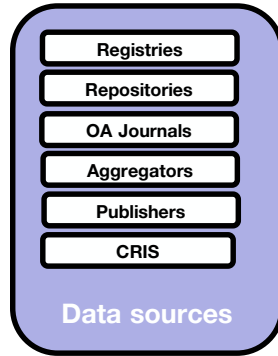
**esi**

# OpenAIRE Research Graph the supply chain



# Aggregated data sources

450Mi harvested records  
500Mi bi-lateral links  
13Mi+ full-texts



# Registries: data sources offering authoritative lists of entities

Registries of researchers



ORCID

Registries of organizations



GRID



CORDIS  
Community Research & Development  
Information Service

and other funders

Registries of projects



CORDIS  
Community Research & Development  
Information Service



FCT  
Fundação  
para a Ciência  
e a Tecnologia



NWO



sfi  
Science  
Foundation  
Ireland  
For what's next



ACADEMY OF FINLAND



Australian Government  
Australian Research Council

and other  
funders

Registries of data sources



re3data.org  
REGISTRY OF RESEARCH DATA REPOSITORIES



OpenDOAR



DOAJ  
DIRECTORY OF  
OPEN ACCESS  
JOURNALS

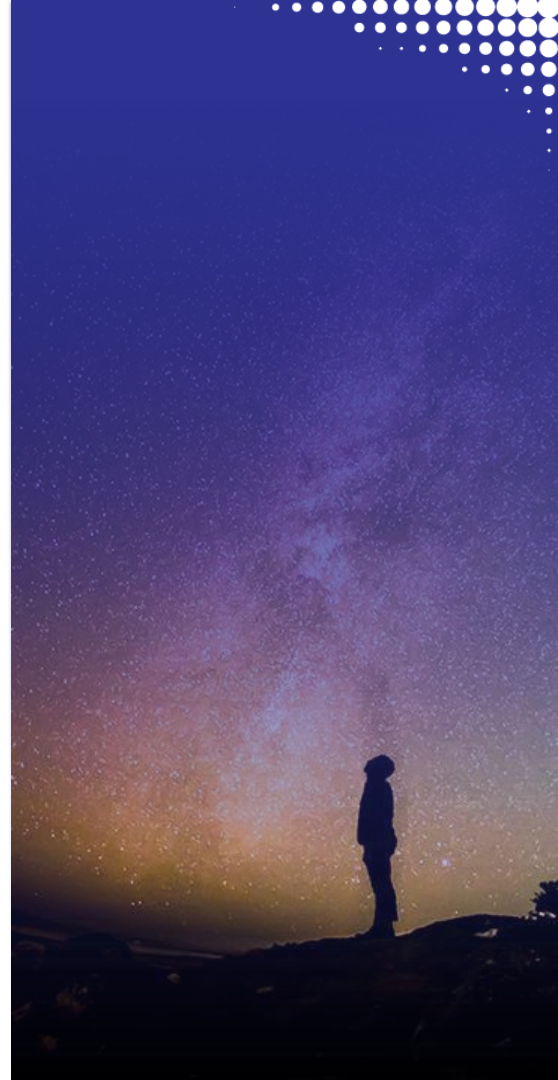
+ journal lists from  
publishers



OpenAIRE



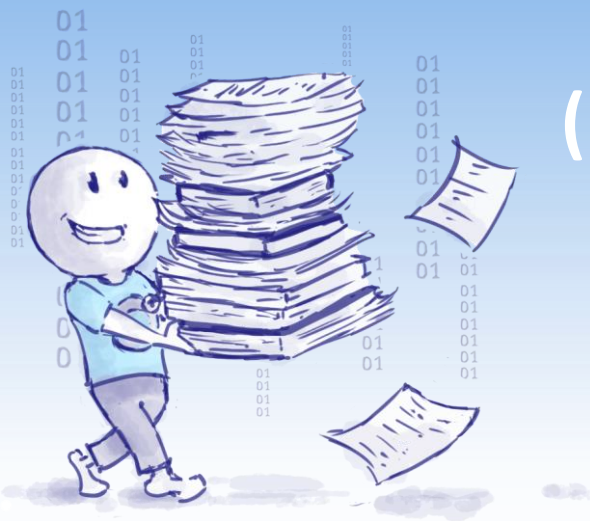
European  
Commission



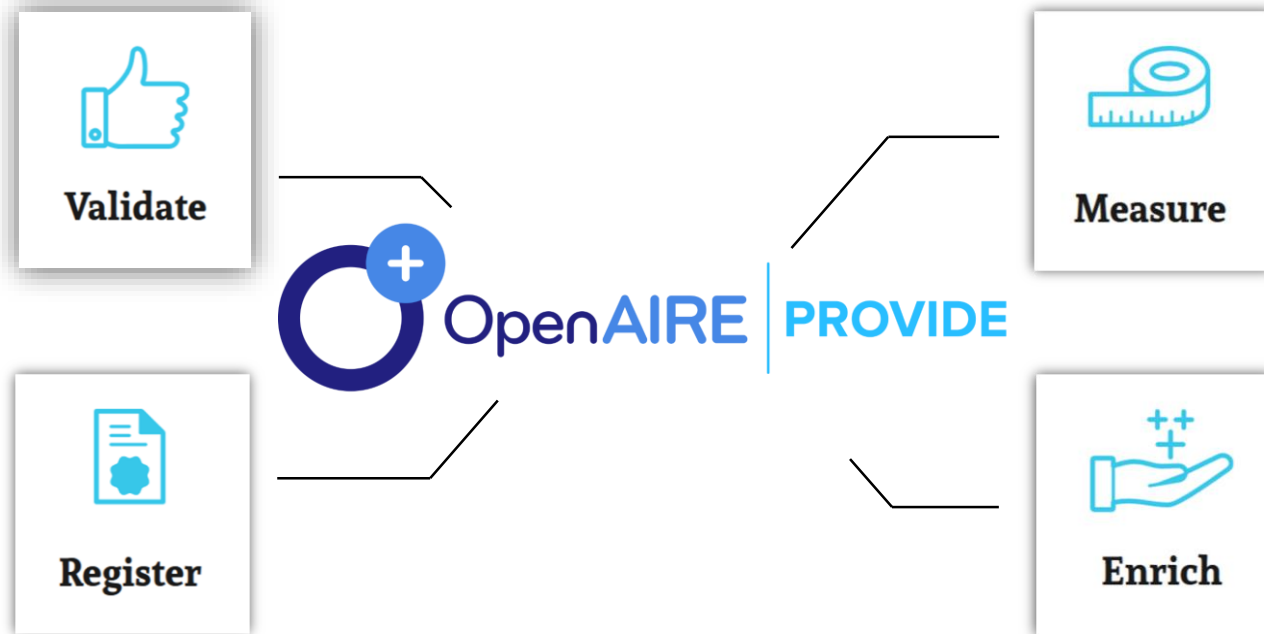
# OpenAIRE Provide

Services for content providers  
(repository and CRIS managers,  
journal publishers)

*one stop shop for all OpenAIRE  
content providers*



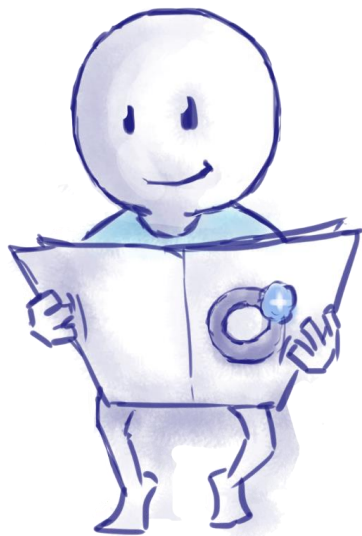
# OpenAIRE Content Provider Dashboard



**One-stop-shop web service where content providers** (repositories, data archives, journals, aggregators, CRIS systems) **interact with OpenAIRE.** It provides the front-end access to many of OpenAIRE's backend services.



# OpenAIRE Guidelines



OpenAIRE Guidelines to expose your metadata in order to integrate with OpenAIRE infrastructure.

<https://guidelines.openaire.eu/en/latest/>



Interoperability  
Guidelines

Validator

## Content Acquisition policy

**Literature, Datasets, Software, other research products**

OpenAIRE accepts the metadata records of all scientific products whose structure respect the model and semantics as expressed by the OpenAIRE guidelines.

Open Access and non-Open Access material will be included and links to other products will be resolved where this is possible.

<https://www.openaire.eu/data-aquisition-policy>

## Your data is valuable. Get connected. Participate

The Provide Dashboard is a one-stop-service where content providers interact with OpenAIRE and become a building block of a global Open Research community. A gateway to the European Open Science Cloud.



SIGN IN

PROVIDE Dashboard brings all your data together

Get front-end access to many of OpenAIRE's backend services

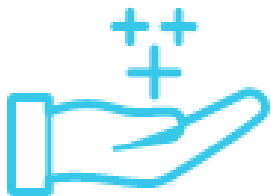
The dashboard displays the following information:

- Navigation:** Register, Validator, Notifications.
- Repository:** Universidade do Minho: RepositoriUM
- Summary Cards:**
  - Records collected on 2020-03-15: **50,046**
  - Enrichments: **44,028**
  - Downloads: **1,034,149**
  - Views: **11,725**
- Aggregation History:**
  - 2020-04-01: Aggregation stage TRANSFORM, Number of records 49,824
  - 2020-04-01: Aggregation stage COLLECT, Collection mode REFRESH, Number of records 50,259
  - 2020-03-28: Aggregation stage TRANSFORM, Number of records 49,773
  - 2020-03-28: Aggregation stage COLLECT
- Usage Statistics:** Line chart showing monthly views from 2017 to 2020. The chart shows a fluctuating trend with a notable peak in early 2020.
- Last month's reports:** AR1, IR1, RR1, BR1, BR2

<https://provide.openaire.eu>



Added-value services  
On top of the  
Research Graph



## ENRICH

### Improve your metadata. Get more connections

OA Broker service offers a wealth of information on scholarly communication data. Find out what interests you and subscribe to enrich your records.

#### Enrich Your Content - Browse Events

##### More

ADDITIONAL METADATA INFORMATION THAT MAY ENRICH OR  
SUPPLEMENT UNIVERSIDADE DO MINHO: REPOSITORY CONTENT # OF EVENTS

##### Missing

MISSING METADATA INFORMATION THAT MAY ENRICH OR  
COMPLETE UNIVERSIDADE DO MINHO: REPOSITORY CONTENT # OF EVENTS

# Integration with third-party services

EC SYGMA

Scopus

ORCID

Project Continuum Report

Horizon 2020

Publications

Suggested publications from OpenAIRE (2 publications)

Project publications (1 publication)

Accept the suggested publications from OpenAIRE and add

your project publications

Scopus

Document details

Example of new "Related Research Data" linking

Expanding the Scope of Molecular Mixed Crystals Enabled by Three Component Solid Solutions

Abstract

Indexed keywords

References (50)

Related Research Data

CCDC 1947874: Experimental Crystal Structure Determination

CCDC 1947888: Experimental Crystal Structure Determination



# Open APIs and Dumps

<https://develop.openaire.eu>

**Supporting third-parties at  
building added-value  
services**

OpenAIRE | Find and Share research

https://explore.openaire.eu

OpenAIRE | EXPLORE

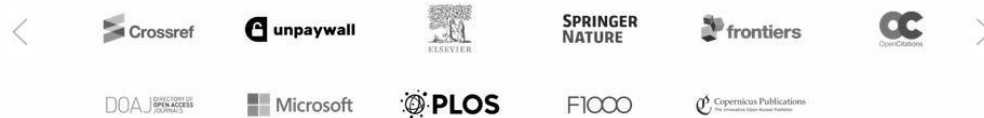
SEARCH DEPOSIT LINK CONTENT PROVIDERS SIGN IN

<https://explore.openaire.eu>

All content Search in OpenAIRE for scholarly works SEARCH

Advanced Search

113M publications deduplicated



Extracted Metadata Combined.

The OpenAIRE Research Graph is one of the largest open scholarly record collections worldwide, key in fostering Open Science and establishing its practices in the daily research activities. Conceived as a public and transparent good, populated out of data sources trusted by scientists, the Graph aims at bringing discovery, monitoring, and assessment of science back in the hands of the scientific community.

OpenAIRE

OpenAIRE | Search for research

https://explore.openaire.eu/search/find?active=projects&fv0=moldo

EXPLORE PROVIDE CONNECT MONITOR DEVELOP

SEARCH DEPOSIT LINK CONTENT PROVIDERS SIGN IN

All content moldova SEARCH

Advanced Search

RESEARCH OUTCOMES (11,888) **PROJECTS (142)** CONTENT PROVIDERS (30) ORGANIZATIONS (51)

## Filters

Results per page:

10

Download Results

### Active within

e.g. 1800

e.g. 2030

142 PROJECTS, PAGE 1 OF 15

1 2 3 4 5 >

THIS YEAR | LAST 5 YEARS | LAST 10 YEARS

### Funder (8)

- European Commission (124)
- Swiss National Science Foun... (7)
- National Institutes of Health (4)
- National Science Foundation (2)
- Research Council UK (2)
- Academy of Finland (1)

+ View all

Project . 2020 - 2020

**MODERNight-2020 (Fostering science and innovation impact trough organisation in Moldova of European Researchers' Night)**

Funder: EC Project Code: 955287

OPEN ACCESS MANDATE FOR PUBLICATIONS

Partners: UTM, I.S. IDSI, ASM

Project . 2017 - 2018

**Business INN Moldova (Business INN Moldova)**



Project . 2018 - 2021 . On going

## NanoMedTwin

Promoting smart specialization at the Technical University of Moldova by developing the field of Novel Nanomaterials for BioMedical Applications through excellence in research and twinning

[OPEN ACCESS MANDATE FOR PUBLICATIONS](#) [EUROPEAN COMMISSION](#)

Funder: **European Commission** Project code: 810652

Call for proposal: H2020-WIDESPREAD-05-2017-Twinning

Funded under: H2020 | CSA

Status: On going

Start Date End Date  
01 Nov 2018 31 Oct 2021

[Detailed project information \(CORDIS\) →](#)

Open Access mandate

Research Data: No



[LINK THIS PROJECT TO...](#)

[DEPOSIT YOUR RESEARCH](#)

[SHARE RESULTS](#)

[DOWNLOAD REPORT](#)

SUMMARY	<b>PUBLICATIONS</b> 32	RESEARCH DATA 0	SOFTWARE 0	OTHER RESEARCH 0	STATISTICS 
---------	---------------------------	--------------------	---------------	---------------------	----------------

### Recent Publications

[VIEW ALL →](#)

Publication . Article . 2020

[mesenchymal stem cells proliferation and remote manipulation upon exposure to magnetic semiconductor nanoparticles](#)

[OPEN ACCESS](#)

Authors: Tudor Braniste; Vitalie Cobzac; Polina Ababii; Irina Plesco; Simion Raevschi; Alexandru Didencu; Mihail Maniuc; Viorel Nacu; Ion Ababii; Ion Tiginyanu;

DOI: [10.1016/j.btre.2020.e00435](#) [↗](#)

# Open Citations Addition

Publication . Article . 2012 . Embargo end date: 4 Sep 2014 . [Under curation](#)

## Changes in Anterior Chamber Depth after Combined Phacovitrectomy

The incidences of both cataract and vitreoretinal pathologies increase with advancing age

[id](#) Sebastiaan Mathot, [jean-Baptiste Melmi](#), [id](#) Eric Caster

OPEN ACCESS

RESTRICTED ACCESS

ENGLISH

FRENCH

Published: 4 Aug 2012 | Journal: PeerJ, volume 3 (issn: 2167-8359, eissn: 2167-8359)

Publisher: PeerJ Inc. ([Copyright policy](#))



 LINK THIS PUBLICATION TO... 

 CITE THIS PUBLICATION



Publication Summary	References	Supplementary Research	Similar Research	External Databases
	20,034	20,034	20,034	20,034

### Abstract

International audience It is commonly believed that vision is impaired during saccadic eye movements. However, here we report that some visual stimuli are clearly visible during saccades, and trigger a constriction of the eye's pupil. Participants viewed sinusoid gratings that changed polarity 150 times per second (every 6.67 ms). At this rate of flicker, the gratings were perceived as homogeneous surfaces while participants fixated. However, the flickering gratings

### Funded by

European Commission | ACTPUP, European Commission | OPENAIRE, FWF | Turbulence in the Edge of Magnetised Plasmas: Emergent Structures and Transport, EC | EUROfusion

# Metrics visualization improvement

Publication · Article · 2012 · Embargo end date: 4 Sep 2014 · [Under curation](#)

## Changes in Anterior Chamber Depth after Combined Phacovitrectomy

The incidences of both cataract and vitreoretinal pathologies increase with advancing age

[Sebastiaan Mathot](#), [jean-Baptiste Melmi](#), [Eric Caster](#)

OPEN ACCESS

RESTRICTED ACCESS

ENGLISH

FRENCH

Published: 4 Aug 2012 Journal: PeerJ, volume 3 (issn: 2167-8359, eissn: 2167-8359)

Publisher: PeerJ Inc. ([Copyright policy](#))

LINK THIS PUBLICATION TO...  
CITE THIS PUBLICATION

285

7

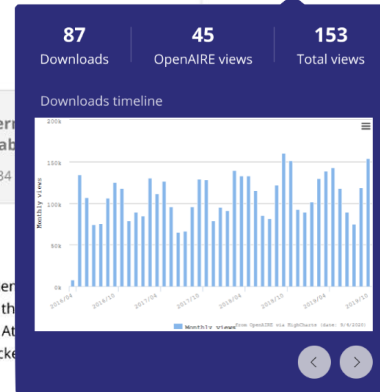
45

Publication Summary	References	Supplementary Research	Similar Research	External Databases
	20,034	20,034	20,034	20,034

Abstract

International audience It is commonly believed that vision is impaired during saccadic eye movement. However, we report that some visual stimuli are clearly visible during saccades, and trigger a constriction of the pupil. Participants viewed sinusoid gratings that changed polarity 150 times per second (every 6.67 ms). At the gratings were perceived as homogeneous surfaces while participants fixated. However, the flicker

ACTPUP, European  
FWF] Turbulence in the  
mas: Emergent Structures  
Ofusion

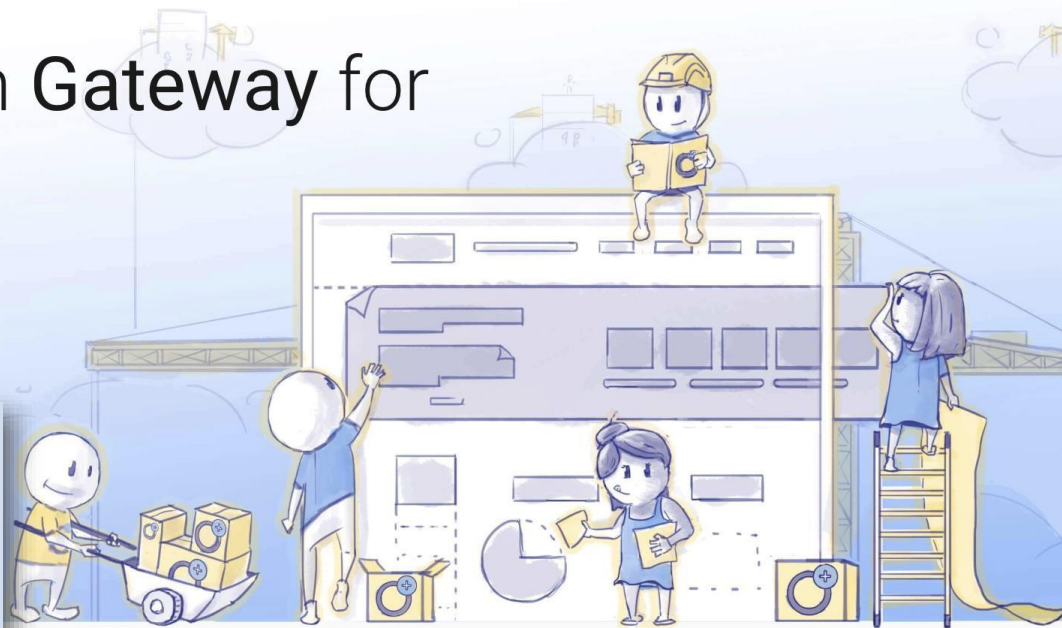


# Build an Open Research Gateway for your Community

Turn Open Science into practice

Share and link your research results.  
Across organizations, across borders.  
Customized to your needs.

LEARN HOW





# Corona Virus Disease

COVID-19

Subscribe

Research outcomes

Search by title, author, abstract, DOI, orcid...

SEARCH

Advanced Search

## SUMMARY

PUBLICATIONS	RESEARCH DATA	SOFTWARE	OTHER RESEARCH
65,706	3,937	403	4,101

This portal provides access to publications, research data, projects and software that may be relevant to the Corona Virus Disease (COVID-19). The OpenAIRE COVID-19 Gateway aggregates COVID-19 related records, links them and provides a single access point for discovery and navigation. We tag content from the OpenAIRE Research Graph (10,000+ data sources) and additional sources. All COVID-19 related research results are linked to people, organizations and projects, providing a contextualized navigation.

Curated by: Alessia Bardi, Iryna Kuchma, Evgeny Bobrov, Ivana Truccolo, Elizabete Monteiro ...

[View all 8 curators](#)

Created: 16-Mar-2020 Members: 25

Projects: 130 Content Providers: 14

Linked to 7 Zenodo Communities

## Subjects

COVID19, SARS-CoV, HCoV-19, mesh:C000657245, MERS-CoV, Síndrome Respiratorio Agudo Severo, mesh:COVID-19, COVID2019, COVID-19, SARS-CoV-2, 2019 novel coronavirus, severe acute respiratory syndrome coronavirus 2, Orthocoronavirinae, Coronaviridae, mesh:D045169, coronavirus, SARS, coronaviruses, coronavirus disease-19, sars cov 2

[View all](#)

<https://www.openaire.eu/guides>

## Researchers

How to comply with H2020 mandates - publications

How can identifiers improve the dissemination of your research outputs?

### > Research Data Management

How to comply with H2020 mandates - research data

Research Data Management costs in H2020 projects

How to make your data FAIR

How to find a trustworthy repository for your data

How to create a Data Management Plan for H2020 projects

Data formats for preservation

How to deal with non-digital data

How to deal with sensitive data

Raw data, backup and versioning

### > Legal issues

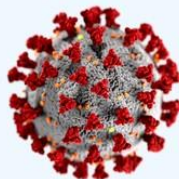
How do I know if my research data is protected

How do I license my research data

Can I reuse someone else's research data

## COVID-19 related communities

Need help uploading? [Contact us](#)



### Coronavirus Disease Research Community - COVID-19

Browse

New upload

This community collects research outputs that may be relevant to the Coronavirus Disease (COVID-19) or the SARS-CoV-2. Scientists are encouraged to upload their outcome in this collection to facilitate sharing and discovery of information. Although Open Access articles and datasets are...

Curated by: Covid19\_Team\_OpenAIRE

## Featured uploads related to COVID-19

Want your dataset featured? [Contact us](#)

August 12, 2020 (v1.0) Dataset Open Access

### OpenAIRE Covid-19 publications, datasets, software and projects metadata.

Bardi, Alessia; Kuchma, Iryna; Brobov, Evgeny; Truccolo, Ivana; Monteiro, Elizabete; Casalegno, Carlotta; Clary, Erin; Romanowski, Andrew; Pavone, Gina; Artini, Michele; Atzori, Claudio; Bäcker, Amelie; Baglioni, Miriam; Czerniak, Andreas; De Bonis, Michele; Dimitropoulos, Harry; Foufoulas, Ioannis; Horst, Marek; Iatropoulou, Katerina; Jacewicz, Przemyslaw; Kokogiannaki, Argiro; La Bruzzo, Sandro; Lazzeri, Emma; Löhden, Aenne; Manghi, Paolo; Mannocci, Andrea; Manola, Natalia; Ottonello, Enrico; Shirrwagen, Jochen

This dump provides access to the metadata records of publications, research data, software and projects that may be relevant to the Corona Virus Disease (COVID-19) fight. The dump contains records...

Uploaded on August 27, 2020

August 12, 2020 (v8-10-2020) Software Open Access

### New York Times Coronavirus (Covid-19) Data in the United States

Albert Sun; Tiff Fehr; Archie Tse; Rachel; Wilson Andrews

This is an archived fork of the New York Times Covid-19 data public repo, created August 10th, 2020. It is purely for archiving and citing purposes for academic publication. All work, credit, and...

Uploaded on August 27, 2020

August 13, 2020 (v1.0) Software Open Access

### tsleng93/SocialBubble: SocialBubble

tsleng93; Stefan Flasche

This release contains the underlying code and extended data for the paper "The effectiveness of social bubbles as part of a COVID-19 lockdown exit strategy, a modelling study" by Leng et al.

Uploaded on August 27, 2020

GENERAL

[Home](#)

[About](#)

PUBLISHED

[Published DMPs](#)

[Published Dataset Descriptions](#)

## Welcome to ARGOS

Create, Link, Share Data Management Plans



DMPs  
7

[VIEW ALL](#)



Dataset Descr...  
7

[VIEW ALL](#)



Grants  
7



Related Organ...  
5

### What is ARGOS?

ARGOS is an open extensible service that simplifies the management, validation, monitoring and maintenance and of Data Management Plans. It allows actors (researchers, managers, supervisors etc) to create actionable DMPs that may be freely exchanged among infrastructures for carrying out specific aspects of the Data management process in accordance with the intentions and commitment of Data owners.

### DATA MANAGEMENT PLANS

7 DMPs

[VIEW ALL](#)

### DATASETS

7 Dataset Descriptions

[VIEW ALL](#)

[User Guide](#)

[Glossary](#)

[FAQ](#)

[Terms Of Service](#)



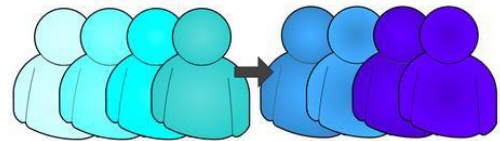


# Amnesia

Amnesia is a data anonymization tool, that allows to remove identifying information from data. Amnesia not only removes direct identifiers like names, SSNs etc but also transforms secondary identifiers like birth date and zip code so that individuals cannot be identified in the data. Amnesia supports  $k$ -anonymity and  $k^m$ -anonymity.

version: 1.2.1 (release date: 11/07/2020)

Follow us on [twitter](#)



# Cooperative Non-APC Publishing Models

★★★★★  
0.0/5 rating (0 votes)

Joint AmeliCA/Canadian Research Knowledge Network/Coalition Publica/OpenAIRE webinar

SHARE

*Date(s): 11 May 2020*

Discussion about non-APC strategies, challenges and recommendations and a global collective action. Arianna Becerril-García (Executive Director, [Redalyc](#), Professor, UAEM, Chair, [AmeliCA](#)) talks about AmeliCA - a multi-institutional community-driven initiative supported by UNESCO and led by Redalyc and CLACSO aimed to provide a cooperative, sustainable, protected and non-commercial infrastructure for Open Knowledge. Tanja Niemann (Executive Director, [Érudit](#)) and Jason Friedman (Manager, Member and Metadata Services, [Canadian Research Knowledge Network](#)) talk about [Coalition Publica](#) and the [Partnership for Open Access: Canada's Cooperative Non APC Publishing Model](#). Jean-Claude Guédon discusses the current landscape, challenges, collaborations, "inside-out" libraries (Lorcan Dempsey's vocabulary), and provides recommendations about fostering a richer bibliodiversity and ensuring publication and access equality for all. And Iryna Kuchma (EIFL Open Access Programme Manager, OpenAIRE) presents the [OpenAIRE report Towards Sustainable Cooperative and Non-APC Publishing Model](#).

[OA to publications](#) | [open access](#) | [policy](#)

## Upcoming Webinar

No events

## Support

### RESOURCES

[Open Science Primers](#)  
[Guides](#)  
[Factsheets](#)  
[Use cases](#)

### HELPDESK

[FAQs](#)  
[Ask a Question](#)

### TRAINING

[Webinars](#)  
[Workshops](#)  
[Community of Practice](#)  
[Content Providers](#)  
[Community Calls](#)

# Citizen Science Activities

Schools  
Seismograph  
Network

**Seismic Data**



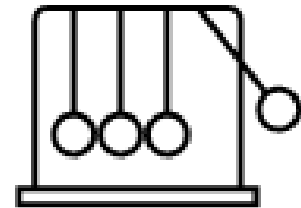
Open Schools  
Journal for  
Open Science

**Open Science Journal**



Bringing  
Nobel Prize  
Physics  
to Classroom

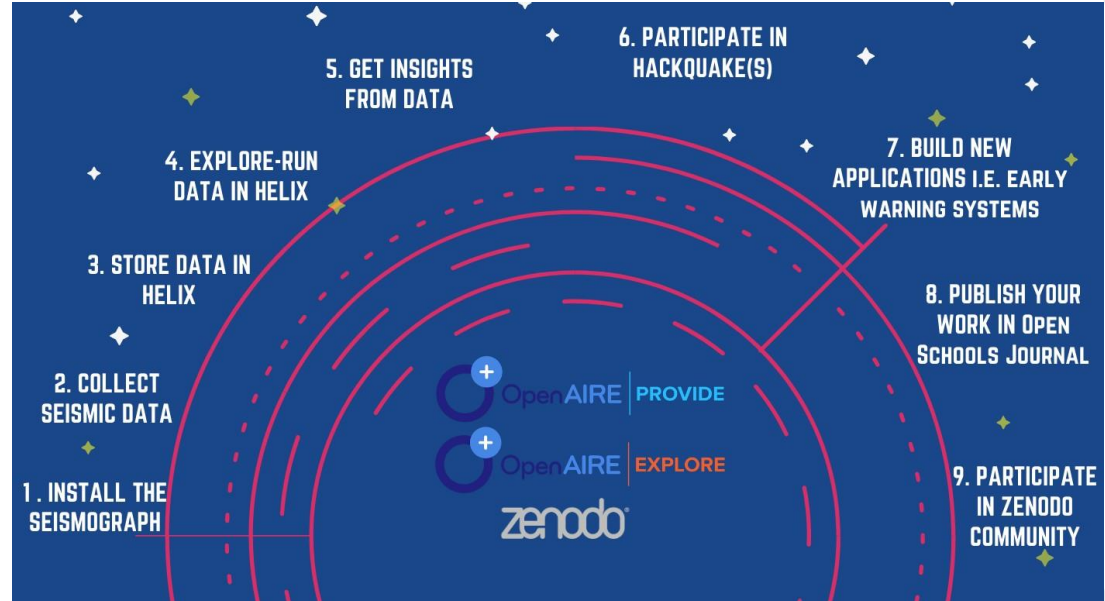
**Access Research Data**



# Integration with OpenAIRE Services

## Journal Articles

- Assigned DOI
- Indexed on OpenAIRE
- Findability
- Accessibility
- Interoperability
- Reusage



# New discovery!

## Κυνήγι Εξωπλανητών

Ανδρέας Βατίστας Βατίστας, Θανάσης Βασιλαίνας Βασιλαίνας, Εμμέλεια Βουτιέρου, Φωτεινή-Μαρία Δραβίλλα, Γιώργος Καλπαξής, Ρένια Μενέγου, Παναγιώτης Μιχάλαϊνας, Ιάσωνας Παυλόπουλος, Δήμητρα Πίνα, Θωμάς Πιτσαργιώτης, Γιώργος Τσακίρης, Στέλιος Φραγκουδάκης, Δρ. Σωτήριος Τσαντίλας Views: 64 Downloads: 41

DOI: <https://doi.org/10.12681/osj.22398>

### Abstract

Από το 2009 το διαστημικό τηλεσκόπιο Kepler καταγράφει τις μικρές ελαττώσεις (εκλείψεις) στο φως μακρινών αστέρων που οφείλονται στη διάβαση (transit) πλανητών από μπροστά τους. Σκοπός μας είναι να εντοπίσουμε πλανήτες σε τροχιά γύρω από μακρινά άστρα από τα δεδομένα της αποστολής Kepler, χρησιμοποιώντας τη Μέθοδο των Διαβάσεων με τη βοήθεια δύο προγραμμάτων που έχει γράψει η ομάδα μας σε γλώσσα C. Εφόσον εντοπιστούν και επιβεβαιωθούν οι διαβάσεις, προχωρούμε στην ανάλυση των χαρακτηριστικών του πλανήτη: Ακτίνα, κλίση, απόσταση από το αστέρι, και κυρίως αν βρίσκεται στη λεγόμενη «κατοικήσιμη ζώνη» πράγμα που θα κάνει δυνατή τη διατήρηση ζωής. Λόγω του πολύ μικρού μεγέθους των πλανητών σε σχέση με το αστέρι τους, ο εντοπισμός αυτός είναι εξαιρετικά δύσκολος. Παρόλα αυτά έχουμε ήδη εντοπίσει έναν τέτοιο εξωπλανήτη σε τροχιά γύρω από τον αστέρα KIC 1432789 τα χαρακτηριστικά του οποίου ανέλυσε η ομάδα μας για πρώτη φορά.

Since 2009, Kepler Space Telescope has been recording small reductions (eclipses) in the light of distant stars due to the transit of planets in front of them. Our goal is to detect planets in orbit around distant stars from Kepler's mission data, following the Reading Method using two programs written by our team in programme language C. If the readings are detected and confirmed, we proceed to their analysis. characteristics of the planet: Ray, inclination, distance from the star, and especially if it is in the so-called "habitable zone" which will make it possible to maintain life.

However, we have already identified such an exoplanet in orbit around the star KIC 1432789, the characteristics of which our team analyzed for the **first time**.

# Thank you!

**Iryna Kuchma**

[iryna.kuchma@eifl.net](mailto:iryna.kuchma@eifl.net)

