

Open Access in Horizon 2020 and in the European Research Area

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Presentation at the 2014 Digital Library Conference, April 3,
2014, Slovakia

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beta release

Open Access in Horizon 2020

Open access to scientific peer reviewed publications has been anchored as an underlying principle in the Horizon 2020 and is explained in the Regulation and the Rules of Participation as well as through the relevant provisions in the grant agreement (see Article 29 "Dissemination of results - Open Access - Visibility of EU funding: pages 60-63 of the Multi-beneficiary General Model Grant Agreement, Version 1.0, December 11, 2013) as well as exceptions for confidentiality (article 36), security (article 37), personal data (article 39).

Are you supposed to deposit? > What to deposit > Where to deposit > When to deposit

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Open Access

- Overview
- Policies and Mandates
- Open Access in FP7
- Open Access in H2020
 - OA for publications
 - OA for data
- EU Member States

Open access to research data: the Open Research Data Pilot

A novelty in Horizon 2020 is the Open Research Data Pilot which aims to improve and maximise access to and re-use of research data generated by projects. It will be monitored with a view to developing the European Commission policy on open research data in future Framework Programmes.

Are you supposed to deposit? > What to deposit > Where to deposit > When to deposit

More



H2020

**All beneficiaries are
required to deposit and
ensure open access**

What to deposit

A machine-readable electronic copy of the published version - publisher's final version of the paper, including all modifications from the peer review process, copyediting & stylistic edits, & formatting changes (usually a PDF document) OR

A final peer-reviewed manuscript accepted for publication - final manuscript of a peer-reviewed paper accepted for journal publication, including all modifications from the peer review process, but not yet formatted by the publisher (also referred to as "post-print" version).

Where to deposit

Researchers should deposit in a **repository for scientific publications** (online archives) of their **choice**:

- Institutional repository of the research institution with which they are affiliated OR
- Subject-based/thematic repository OR
- Centralised repository, e.g. Zenodo repository set up by the OpenAIRE project are acceptable choices.

When to deposit

Each beneficiary must deposit **as soon as possible and at the latest on publication.**

Each beneficiary must **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 (12 months for publications in the social sciences and humanities) in any other case.

OA publishing

Researchers can publish in OA journals, or in journals that sell subscriptions and also offer the possibility of making individual articles openly accessible (hybrid journals). Where the case, the Author Processing Charges (APCs) incurred by beneficiaries are eligible for reimbursement during the duration of the action. For APCs incurred after the end of their grant agreement, a mechanism for paying some of these costs will be piloted. In the case of OA publishing OA must be granted at the latest on publication.

OA to bibliographic metadata

The bibliographic metadata must be in a standard format and must include all of the following:

- the terms ["European Union (EU)" and "Horizon 2020"] ["Euratom" and Euratom research and training programme 2014-2018"];
- the name of the action, acronym and grant number;
- the publication date, and length of embargo period if applicable, and
- a persistent identifier.

Monitoring compliance

If a beneficiary breaches any of its obligations, the grant may be reduced (see Article 43). Such a breach may also lead to any of the other measures described in Chapter 6 of the Multi-beneficiary General Model Grant Agreement, Version 1.0, December 11, 2013).

Copyright

In all cases, the Commission encourages authors **to retain their copyright and grant adequate licenses to publishers.**

Creative Commons offers useful licensing solutions in this regard (e.g. CC-BY).

In the context of the digital era, the notion of 'publication' increasingly includes the data underpinning the publication and results presented, also referred to as **'underlying' data**. Beneficiaries **must aim to deposit at the same time the research data needed to validate the results presented in the deposited scientific publications, ideally into a data repository, and aim to make open access to this data**. But there is no obligation to do so.



Open Access in Horizon 2020 - EC funded projects

Briefing paper for Project Coordinators

In Horizon 2020, the European Commission (EC) requests all projects to provide open access (OA) to all peer reviewed articles arising from project funding. The grant agreement¹ states:

“Ensure open access...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;”

How can project coordinators adhere to these open access requests?

- When you report your publication lists to the EC, you will have to ensure that all publications arising from your Horizon 2020 project are open access and freely available as soon as possible.
- Each publication must be accompanied by bibliographic information, publication date and a persistent identifier, so you can access and cite the article.

How can researchers in my project ensure open access to their articles?

- Submit papers to a **journal of choice**, there is no restriction. If a researcher chooses to publish in an OA journal, publishing costs can be reimbursed within the project period and budget.
- **Deposit** the final manuscript or publisher's PDF in a repository, either institutional or disciplinary. An embargo period might apply.

Open Research Data Pilot

A novelty in Horizon 2020 is the Open Research Data Pilot which aims to improve and maximise access to and re-use of research data generated by projects. It will be monitored with a view to developing the European Commission policy on open research data in future Framework Programmes.

Projects in core areas of H2020 that are part of the Open Research Data Pilot:

Future and Emerging Technologies

Research infrastructures – part e-Infrastructures

Leadership in enabling and industrial technologies
– Information and Communication Technologies

Societal Challenge: Secure, Clean and Efficient Energy – part Smart cities and communities

Societal Challenge: Climate Action, Environment, Resource Efficiency and Raw materials – with the exception of raw materials topics

Societal Challenge: Europe in a changing world – inclusive, innovative and reflective Societies

Science with and for Society

What to deposit

Projects participating in the Pilot are required to deposit the research data described below:

- The data, including associated metadata, needed to validate the results presented in scientific publications as soon as possible;
- Other data, including associated metadata, as specified & within the deadlines laid down in a data management plan (DMP).

Where to deposit

Projects should deposit preferably in a **research data repository** and take measures to enable third parties to access, mine, exploit, reproduce and disseminate — free of charge for any user.

OpenAIRE project provides a Zenodo repository that could be used for depositing data.

When to deposit

The data, including associated metadata, needed to validate the results presented in scientific publications should be deposited as soon as possible.

Other data, including associated metadata, should be deposited as specified and within the deadlines laid down in a data management plan (DMP).

DMP

A data management plan is a document outlining how research data will be handled during a research project, and after it is completed, describing what data will be collected / generated and following what methodology and standards, whether and how this data will be shared and/or made open, and how it will be curated and preserved.

Home > Resources for digital curators > Data Management Plans

In this section

- Briefing Papers
- How-to Guides
- Developing RDM Services
- Curation Lifecycle Model
- Curation Reference Manual
- Policy and legal
- Data Management Plans**
- Checklist
- DMPonline
- FAQ on DMPs
- Funders' requirements
- Guidance and examples
- Tools
- Case studies
- Repository audit and assessment
- Standards
- Publications and presentations
- Roles
- Curation journals
- Informatics research
- External resources

Data Management Plans

Funding bodies increasingly require grant-holders to develop and implement Data Management and Sharing Plans (DMPs).

Plans typically state what data will be created and how, and outline the plans for sharing and preservation, noting what is appropriate given the nature of the data and any restrictions that may need to be applied.

The DCC has analysed UK funders' policies (see [Policy and legal](#)) and developed various data management resources in response:

[DMPonline](#)
A flexible web-based tool to assist users to create personalised plans according to their context or research funder. The tool also aids researchers by providing examples of guidance and best practice via 'crowdsourced' links to DCC resources and external advice.

[Funders' data plan requirements](#)
Summary of funders' expectations for data management and sharing plans

[Checklist for a Data Management Plan](#)
A list of questions and guidance that researchers may find useful when writing data management and sharing plans

[DMP checklist leaflet](#)
A fold-out summary of the Checklist - hard copies are available on request

[FAQ on Data Management Plans](#)
A short list of key questions pertaining to Data Management Plans

[How to Develop a Data Management and Sharing Plan](#)
A guide that outlines UK funder expectations for DMPs and provides practical guidance on how to meet these

[Guidance and examples](#)

Useful links

- [Funders DMP requirements](#)
- [Checklist for a DMP](#)

Open Research Data Pilot

At the same time, projects should provide information about tools and instruments at the disposal of the beneficiaries and necessary for validating the results, for instance specialised software or software code.

Open Research Data Pilot

Areas, or sub-areas of, or individual projects funded under Horizon 2020 and not covered by the scope of the Pilot may participate on a voluntary basis ('opt in'). The project consortia that decide to participate on a voluntary basis will be monitored along with and receive the same support as in-scope projects in the Pilot.

Open Research Data Pilot

Projects may opt out of the Pilot in H2020 in a series of cases that include conflict with obligation to protect results, with confidentiality obligations, with security obligations or with rules on protection of personal data. They may also opt out should the achievement of the action's main objective be jeopardised by making specific parts of the research data openly accessible. In this case, the data management plan must contain the reasons for not giving access.

Open Research Data Pilot

Costs relating to the implementation of the pilot will be reimbursed.

Specific technical and professional support services will also be provided.

Monitoring compliance

If a beneficiary breaches any of its obligations, the grant may be reduced (see Article 43). Such a breach may also lead to any of the other measures described in Chapter 6 of the Multi-beneficiary General Model Grant Agreement, Version 1.0, December 11, 2013).



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8,349,207 publications and 611 datasets from 423 repositories and OA journals



Repositories

[More search options](#)



Researchers

- > Deposit publications & data
- > Link research to funder/project
- > Download author's guide for OA



Data Providers

- > Register & validate content
- > Get guidelines for interoperability
- > Enrich repository content



Research Managers

- > Learn about EC & national policies
- > Create project reports
- > Get statistical information



Funding Agencies

- > Learn how to embrace OA
- > Participate in OpenAIRE
- > Find aggregated statistics



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27 March 2014 Conference paper Open access

Local Defect Resonance (LDR): A Route to Highly Efficient Thermosonic and Nonlinear Ultrasonic NDT

Solodov

Conference paper

Uploaded by igor on 27 March 2014.

View

26 March 2014 Software documentation Open access

LAUDATIO-Repository Handbuch

Zielke, Dennis ; Schernickau, Tino

Diese Software-Dokumentation präsentiert die Entwicklung eines Forschungsdatenrepositoriums, dass von der DFG im Bereich "Infrastrukturen für Forschungsdaten" gefördert wird. Dabei entwickelten die Projektmitglieder zusammen mit der Community ...

Uploaded by DZielke on 26 March 2014.

View

GitHub integration



Want to preview the public beta of GitHub integration? Just Sign In with your GitHub account and click here.

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Funding - integrated in reporting lines for research funded by the European Commission via OpenAIRE.
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Safe - your research output is stored safely for the future in same cloud infrastructure as research data from CERN's Large Hadron

Introducing ZENODO!

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All research outputs from across all fields of science are welcome! ZENODO accept any file format as well as both positive and negative results. However, we do promote peer-reviewed openly accessible research, and we do curate your upload before putting it on the front-page.

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ZENODO assigns all publicly available uploads a Digital Object Identifier (DOI) to make the upload easily and uniquely citeable. ZENODO further supports harvesting of all content via the OAI-PMH protocol.

Community Collections

— create your own repository

ZENODO allows you to create your own collection and accept or reject all uploads to it. Creating a space for your next workshop or project have never been easier. Plus, everything is citeable and discoverable.

Safe

— more than just a drop box!

Your research output is stored safely for the future in same cloud infrastructure as research data from CERN's [Large Hadron Collider](#) using a CERN's battle-tested repository software [INVENIO](#) used by some of the world's largest repositories such as [INSPIRE HEP](#) and [CERN Document Server](#).

Reporting

— tell your funding agency!

ZENODO is integrated into reporting lines for research funded by the European Commission via [OpenAIRE](#). Just upload your research on ZENODO and we will take care of the reporting for you. We plan to extend with futher funding agencies in the future so stay tuned!

Flexible Licensing

— not everything is under Creative Commons

ZENODO encourage you to share your research as openly as possible to maximize use and re-use of your research results. However, we also acknowledge that one size does not fit all, and therefore allow for uploading under a multitude of different licenses and access levels*.

* You are responsible for respecting applicable copyright and license conditions for the files you upload.



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Open Access in FP7

Background

Relevant EU-funded projects

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nanotechnologies

Promoting International
Dialogue

Gender and Research

Research for CSOs

Scientific expertise (SINAPSE)

OPEN ACCESS

Open access refers to the practice of granting free Internet access to research articles. As all research and innovation builds on earlier achievements, an efficient system for broad dissemination of and access to research data and publications can accelerate scientific progress.

The Commission objective is to optimise the impact of publicly-funded scientific research, both at European level (FP7, Horizon 2020) and at Member State level. This is essential for Europe's ability to enhance its economic performance and improve the capacity to compete through knowledge. One way to get there is open access. Results of publicly-funded research can therefore be disseminated more broadly and faster, to the benefit of researchers, innovative industry and citizens. Open access can also boost the visibility of European research, and in particular offer small and medium-sized enterprises (SMEs) access to the latest research for utilisation.

The Commission strategy is to develop and implement open access to research results from projects funded by the EU Research Framework Programmes, namely FP7 and Horizon 2020. Open access requirements are based on a balanced support to both 'Green open access' (immediate or delayed open access that is provided through self-archiving) and 'Gold open access' (immediate open access that is provided by a publisher).

The Commission strategy is also to encourage national initiatives at Member State level and contribute to their co-ordination within the European Research Area. The Commission also provides funds for research and supporting activities in the area of open access. During the course of Horizon 2020, the Commission will continue to engage with stakeholders, while continuing to encourage a culture of sharing scientific publications and, with due respect to the rights of all concerned, research data.

Máire Geoghegan-Quinn, European Commissioner for Research, Innovation & Science: **“Putting research results in the public sphere makes science better & strengthens our knowledge-based economy. The European taxpayer should not have to pay twice for publicly funded research. That is why we have made OA to publications the default setting for Horizon 2020, the next EU research & innovation funding programme.”**



Communications Networks, Content and Technology

European Commission Directorate General

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Open Access to scientific information

Share

Digital Science (Unit C.3)

Mandate

Vision:

Our vision is that all scientific information should be available online free of charge (= open access). In particular, peer-reviewed publications and research data resulting from public funding must be circulated rapidly and widely, using digital media. This can accelerate scientific discovery, enable new forms of data-intensive research and allow research findings to be taken up by businesses in order to develop new products and services.

Situation

What is the situation we have decided to change:

The internet and the emerging infrastructures for scientific information should give researchers across the world access to the latest research results. There are, however, barriers in place that need to be tackled in order to fulfil the vision of open access (OA) to scientific information.

Publications: Further access to and use of scientific publications is currently limited because of high and increasing prices of journals, a problem that will grow because of the reduced budgets of libraries due to the crisis. The underlying issues are the funding of research dissemination and the viability of traditional publishing models in the internet age. Publishers and scientists should agree on the way forward reconciling the interests of all different stakeholders.

Data: Research data is currently not made widely available online. When it is made available, it is often not presented in a format that facilitates (re)use. This obstructs knowledge diffusion and results in a huge loss in efficiency of research investments.



Vice-President of the European Commission
[Neelie KROES](#)
(website)



Director General
[Robert MADELIN](#)
(biography)

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Outputs

Open Access takeup under Horizon 2020 and in the Member States

In general terms, we strive to implement the commitments regarding open access made in various policy documents (most recently and specifically: [COM\(2012\) 401](#), [C\(2012\) 4890](#); also: [Digital Agenda](#), [European Research Area Communication COM\(2012\) 392](#), [Innovation Union](#)).

Expected outputs relate to the rules and activities on open access to be established in Horizon 2020 and to encouraging Member States to implement Recommendation C(2012) 401:

- Make open access to scientific publications mandatory in the Horizon 2020 programme (baseline: pilot on open access in FP7 – 20% of FP7)
- Maintain the possibility of reimbursing open access publishing fees as part of the Horizon 2020 programme and make it easier to trace / measure (baseline: possibility exists in FP7, but cannot be traced)
- Develop and implement a Pilot scheme on open research data in Horizon 2020 (baseline: no such possibility exists at the moment)
- Establish a list of National Points of Reference (nominations) on scientific information in the Member States
- Put in place mechanisms to follow up on Recommendation C(2012) 401 to the Member States on access to and preservation of scientific information
- Launch a feasibility study on the economic impact of open access and open data (Data gap)

(Together with C1: eInfrastructures and RTD.B6: Ethics & Gender)

Timeframe: 2014: Rules on OA to publications in place

Indicators

take-up of open access practices (number of Member States with national policies or strategies on open access)
(lead indicator)

Baseline	13 MS in 2010/2011
Target	28 MS (2014)

Scientific publications of the Horizon 2020 programme in open access

Baseline	Pilot on open access in FP7: 20% of FP7
Target	100% (2020)



DIGITAL AGENDA FOR EUROPE

A Europe 2020 Initiative

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Results of the consultation on Open Research Data

Share

Open enquiry is at the heart of scientific endeavour, and rapid technological change has profound implications for the way in which science is conducted and communicated. Research is being transformed in particular by the increasing availability of digital data and new technologies for gathering, processing and generating digital resources.

In the [Communication](#) 'Towards better access to scientific information', the Commission announces that it will 'provide a framework and encourage open access to research data in Horizon 2020, taking into account any restrictions that may be needed in order to protect intellectual property or legitimate commercial interests'.

On 2nd of July 2013, the EC held a one-day public consultation on open research data in Brussels to obtain the input of all concerned stakeholders on this important and sensitive issue. Attendees included stakeholders from the research and publishing communities, as well as libraries, universities and industry representatives. The outcomes of the consultation will help the Commission to develop its policies on open research data.

Search the s



EUROPEAN COMMISSION

Brussels, 17.7.2012
C(2012) 4890 final

COMMISSION RECOMMENDATION

of 17.7.2012

on access to and preservation of scientific information

{SWD(2012) 221 final}
{SWD(2012) 222 final}

“Policies on OA to scientific research results should apply to all research that receives public funds. Such policies are expected to improve conditions for conducting research by reducing duplication of efforts and by minimising the time spent searching for information and accessing it. This will speed up scientific progress and make it easier to cooperate across and beyond the EU. Such policies will also respond to calls within the scientific community for greater access to scientific information.” <http://bit.ly/Q3sDJ9>

“OA is a key feature of Member States’ policies for responsible research and innovation by making the results of research available to all and by facilitating societal engagement...”

“Businesses will also benefit from wider access to scientific research results. Small and medium-sized enterprises in particular will improve their capacity to innovate. Policies on access to scientific information should therefore also facilitate access to scientific information for private companies...” <http://bit.ly/Q3sDJ9>

“The Internet has fundamentally changed the world of science and research. For instance, research communities have been experimenting with new ways to register, certify, disseminate and preserve scientific publications. **Research and funding policies need to adapt to this new environment. It should be recommended to Member States to adapt and develop their policies on OA to scientific publications.**”

<http://bit.ly/Q3sDJ9>

LE
JOURNAL
DES
SCAVANS

Du Lundy V. Janvier M. DC. LXV.

Par le Sieur DE HEDOVILLE.



A PARIS,

Chez JEAN CVSSON, rue S. Jacques, à l'ima-
ge de S. Jean Baptiste.

M. DC. LXV.

AVEC PRIVILEGE DV ROY.

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WORLD.

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In the SAVOY,
Printed by T. N. for John Martyn at the Bell, a little with-
out Temple-Bar, and James Allestry in Duck-Lane,
Printers to the Royal Society,

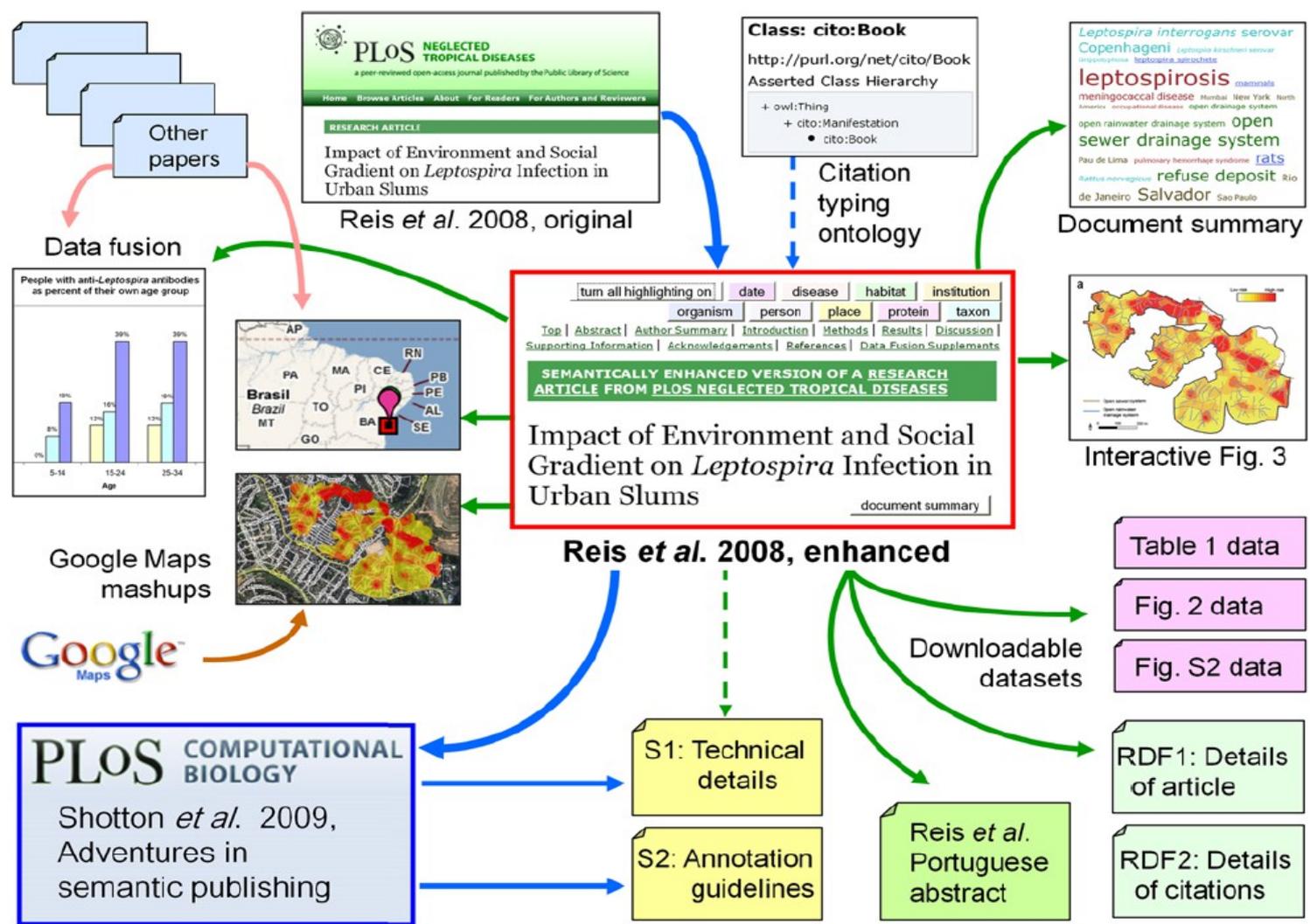


Figure 10. The ecosystem of published articles, documents, spreadsheets, data fusions, and machine-readable RDF data files resulting from our decision to apply semantic enhancements to the PLoS NTDs article by Reis et al. [12]. doi:10.1371/journal.pcbi.1000361.g010



Zijdeman, R.L. 2009. Like my father before me: intergenerational occupational status transfer during industrialization (Zeeland, 1811-1915)

Document



Article

Like my father before me: intergenerational occupational status transfer during industrialization (Zeeland, 1811-1915)

Event



Conference

7th European Social Science History Conference Lisbon, Portugal March 2008



Aggregation

Zijdeman, R.L. 2009. Like my father before me: intergenerational occupational status transfer during industrialization (Zeeland, 1811-1915)

Date Created

2012-01-27T14:29:51.741Z

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Richard L. Zijdeman

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R.L. Zijdeman

<http://purl.utwente.nl/ns/escape-pubtypes.owl#Datafile>



<http://purl.utwente.nl/ns/escape-pubtypes.owl#Datafile>

Marriage records of the Civil Register from all municipalities in the Dutch province of Zeeland in the period 1811-1915



<http://purl.utwente.nl/ns/escape-pubtypes.owl#Datafile>

Secondary Education, Zeeland, 1860-1915



<http://purl.utwente.nl/ns/escape-pubtypes.owl#Datafile>

Train stations, Zeeland, 1860-1915



<http://purl.utwente.nl/ns/escape-pubtypes.owl#Datafile>

Post Offices, Zeeland, 1803-1918



<http://purl.utwente.nl/ns/escape-pubtypes.owl#Datafile>

Steam Engines, Zeeland, 1851-1890

“Michael Faraday’s advice to his junior colleague to: “Work. Finish. Publish.” needs to be revised. It shouldn’t be enough to publish a paper anymore. If we want open science to flourish, we should raise our expectations to: “**Work. Finish. Publish. Release.**” That is, your research shouldn’t be considered complete until the data and meta-data is put up on the web for other people to use, until the code is documented and released, and until the comments start coming in to your blog post announcing the paper. If our general expectations of what it means to complete a project are raised to this level, the scientific community will start doing these activities as a matter of course.”

(What, exactly, is Open Science? by Dan Gezelter:
<http://www.openscience.org/blog/?p=269>)

“OA to scientific research data enhances data quality, reduces the need for duplication of research, speeds up scientific progress and helps to combat scientific fraud. In its final report ‘Riding the wave: How Europe can gain from the rising tide of scientific data’⁵ in October 2010, the High Level Expert Group on Scientific Data emphasised the critical importance of sharing and preserving reliable data produced during the scientific process. Policy action on access to data is therefore urgent and should be recommended to Member States.” <http://bit.ly/Q3sDJ9>



Ideally, all collected data should be available for further analysis.



Sharing data: good for science, good for you

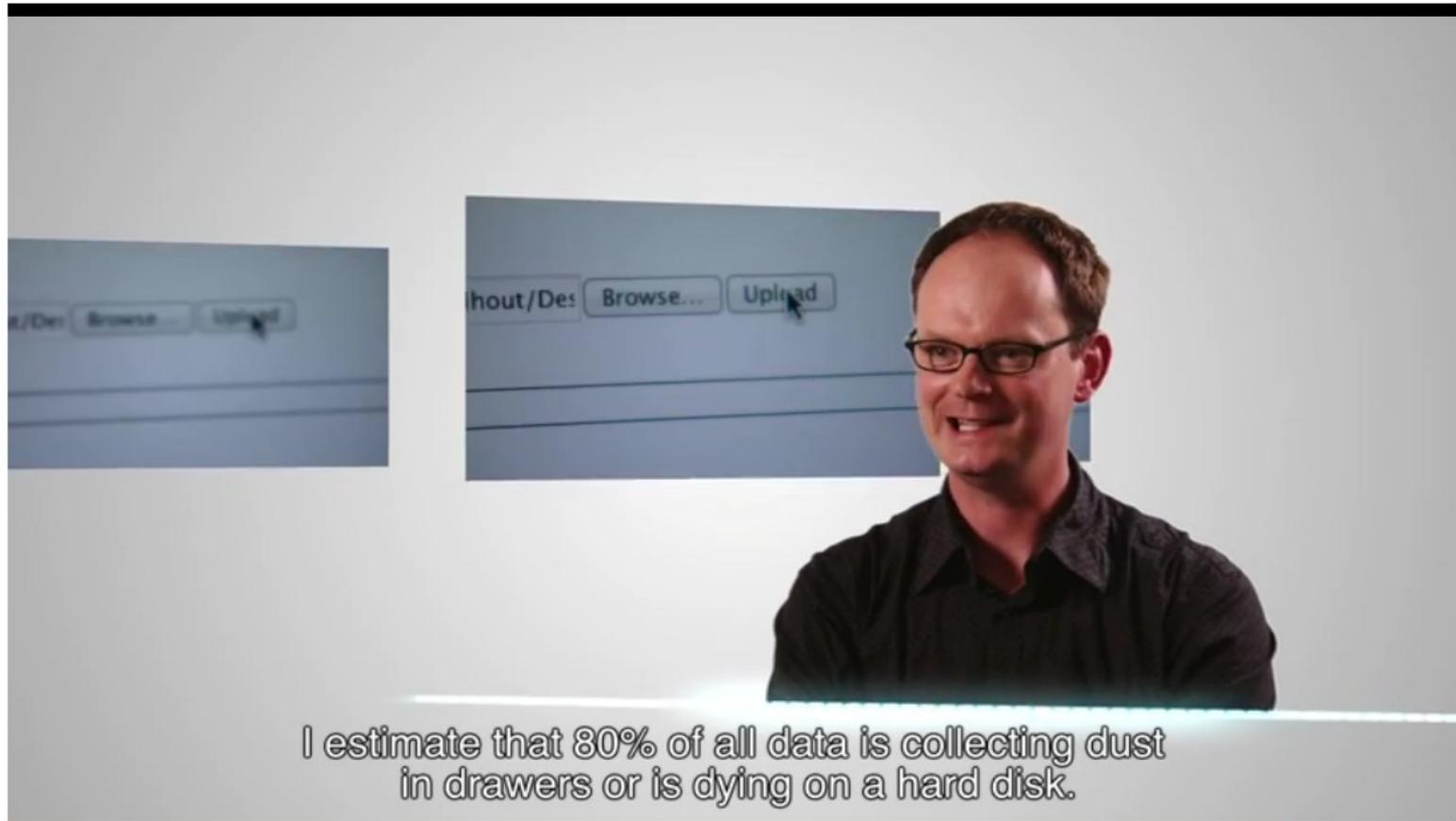
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I estimate that 80% of all data is collecting dust in drawers or is dying on a hard disk.



Sharing data: good for science, good for you

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ROARMAP: Registry of Open Access Repositories Mandatory Archiving Policies

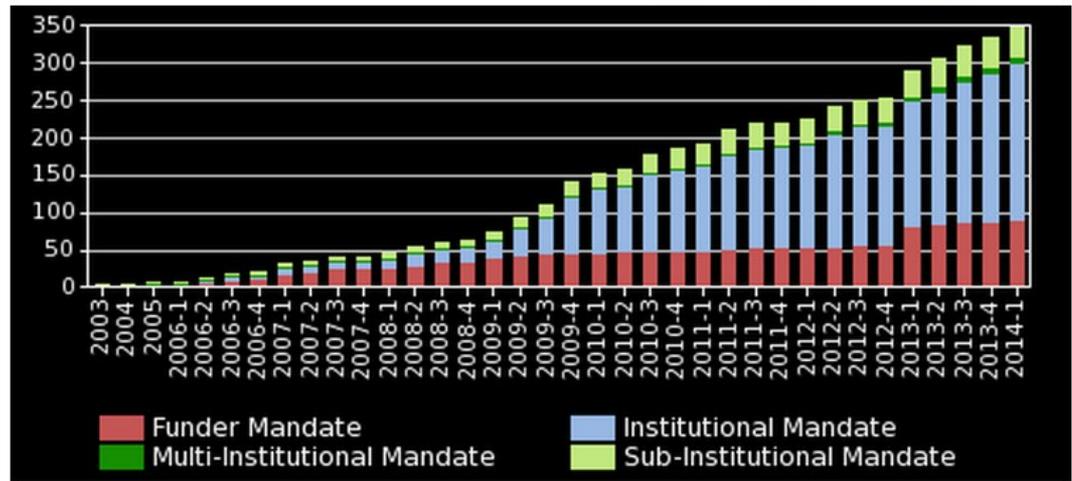
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[CLICK HERE](#)

to register your Institutional Open Access Mandate

Please also register your Institutional Repository in [ROAR](#) if not yet registered

(For Open Educational Resources mandates please see [OER Policy Registry](#).)



Total Mandates to Date (by type)

Institutional Mandates (206)	Proposed Institutional Mandates (7)
Sub-Institutional Mandates (44)	Proposed Sub-Institutional Mandates (4)
Multi-Institutional Mandates (9)	Proposed Multi-Institutional Mandates (5)
Funder Mandates (88)	Proposed Funder Mandates (12)
Thesis Mandates (110)	



Science Europe Position Statement

Principles for the Transition to Open Access
to Research Publications
APRIL 2013



European Commission



A study funded by the European Commission (EC) suggests that OA is reaching the tipping point, with around **50% of scientific papers published in 2011 now available for free.**

http://europa.eu/rapid/press-release_IP-13-786_en.htm?locale=en

“The tipping point for OA (more than 50% of the papers available for free) has been reached in several countries, including Brazil, Switzerland, the Netherlands, the US, Slovenia, as well as in biomedical research, biology, and mathematics and statistics.”

Eric Archambault, Didier Amyot, Philippe Deschamps, Aurore Nicol, Lise Rebout & Guillaume Roberge: Proportion of Open Access Peer-Reviewed Papers at the European and World Levels—2004-2011 (August 2013)

http://www.science-metrix.com/pdf/SM_EC_OA_Availability_2004-2011.pdf

OA policies: the majority of 48 major science funders considered both OA publications in journals & self-archiving in OA repositories.

More than 75% accepted embargo periods of between six to 12 months.

Eric Archambault, Didier Amyot, Philippe Deschamps, Aurore Nicol, Lise Rebout & Guillaume Roberge: Proportion of Open Access Peer-Reviewed Papers at the European and World Levels—2004-2011 (August 2013)

http://www.science-metrix.com/pdf/SM_EC_OA_Availability_2004-2011.pdf

Oct 22 2013

As the European Commission paves the way for open access, a consistent policy environment is needed across the EU.

Blog Admin

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The European Commission has extended and solidified its open access policy for the upcoming Horizon 2020 research funding programme. [Alma Swan](#) welcomes the clear signal from Brussels which has issued a Recommendation for Member States to follow its lead. But the policy picture across the Union is patchy and there is a need for a simple, consistent set of requirements to create a harmonised research environment across the EU.

From the perspective of the UK, it may seem that Open Access policy development is caught in a whirlpool and, indeed, within the UK it is. But elsewhere in Europe the landscape is relatively uncomplicated and the signposts are clear. In July 2012, the European Commission released two documents. One was an [official Communication](#), an expression of its own policy intent. It stated that there would be a mandatory Open Access policy covering all areas of research funded under the Horizon 2020 programme. Horizon 2020 (H2020) is the next European research funding programme and will run from January 2014 to December 2020.



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Tweets

LSEImpactBlog @LSEImpactBlog

Does the expectation to be continuously relevant undermine our ability to be able to compare and contextualise? bit.ly/1ed6HVG

Dominique Babin @dominiquebabini

the academic reward system does not allow accelerating the growth of [#OpenAccess](#) [@marknp](#) [@elife](#) at [#scielo15](#)

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PASTEUR4OA



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PASTEUR4OA/Welcome

Welcome to the PASTEUR4OA website!

PASTEUR4OA (Open Access Policy Alignment Strategies for European Union Research) aims to support the European Commission's Recommendation to Member States of July 2012 that they develop and implement policies to ensure Open Access to all outputs from publicly-funded research.

PASTEUR4OA will help develop and/or reinforce open access strategies and policies at the national level and facilitate their coordination among all Member States. It will build a network of centres of expertise in Member States that will develop a coordinated and collaborative programme of activities in support of policymaking at the national level under the direction of project partners.

More specifically, PASTEUR4OA will improve coordination in developing OA policies that align Recommendations and Horizon2020 rules by realizing the following measurable and verifiable objectives:

- **The identification of Key Node organisations throughout Europe** and in accession/associated states, their institutional profile, record and ability to influence policymaking, and **the development of a network of**
- **The development of a programme for engaging policymakers**
- **A Europe-wide project meeting of national experts**
- **Establish the foundations of a *Knowledge Net* by the end of the project** through continuous engagement of relevant organisations.
- **Recording policies and policy types in order to develop a policy typology**
- **Policy analysis: effectiveness and growth**
- **A mapping of existing policies to policymakers**
- **Development of advocacy materials**
- **The identification of policymakers** in the MS and accession/associated states
- **Policymaker engagement**

PASTEUR4OA/Partners

EKT/NHRF - National Documentation Centre

EOS - Enabling Open Scholarship

UMINHO - University of Minho

CRISTin – University of Oslo

EIFL

EuroCRIS

MTA Konyvtar – Hungarian Academy of Sciences

POLITO – Politecnico di Torino

SPARC Europe

LIBER

Jisc

Hacettepe University

OKF - Open Knowledge Foundation

FRS FNRS

LMT – Research Council of Lithuania



FACILITATE OPEN SCIENCE TRAINING FOR EUROPEAN RESEARCH

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The Project

Open Access and Open Science principles are an essential part of knowledge creation and sharing. They directly support the researchers need for greater impact, optimum dissemination of research, while also enabling the engagement of citizen scientists and society at large on societal challenges.

This two year project aims to set in place sustainable mechanisms for EU researchers to FOSTER OPEN SCIENCE in their daily workflow, thus supporting researchers optimizing their research visibility and impact, the adoption of EU open access policies in line with the EU objectives on Responsible Research & Innovation.

Follow @fosterscience

Tweets

Andrew Mackenzie @DJSoup 12 Mar
"@ResearchEurope: Funding available to host training courses on open access and open data rsrch.co/N6cy6c #opendata #OA #ERA"
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Beyond consortium partners, 27 other organizations/institutions (Institutions, Graduate Schools, Associations from students and young researchers, etc.), from 13 countries,



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Open Access Policy bei FWF-Projekten

Als Unterzeichner der *Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities* hat sich der FWF verpflichtet, den freien und nachhaltigen Zugang zu wissenschaftlichen Publikationen und Forschungsdaten zu unterstützen. In diesem Sinn **verpflichtet und fördert** der FWF alle ProjektleiterInnen und ProjektmitarbeiterInnen, ihre Forschungsergebnisse im Internet frei zugänglich zu machen.

Folgendes ist dabei zu berücksichtigen:

1. Open Access Verpflichtung für wissenschaftliche Publikationen

a) Gold Open Access:

Open Access von Publikationen kann durch die direkte Veröffentlichung in einem Open Access Organ gewährleistet werden. Die Endversion der Publikation soll über die Webseite des gewählten Mediums, unter Verwendung der *Creative Commons Attribution (CC-BY)* Lizenz, unmittelbar und uneingeschränkt zugänglich gemacht werden. Diese Lizenz ermöglicht die sofortige Hinterlegung der Originalversion in anderen Repositorien ohne Einschränkung auf Wiederverwendung (siehe 7. "Licensing"). Dies kann die Zahlung einer Gebühr an den Verlag erforderlich machen (siehe 2. "Publikationskosten").

Falls durch Verlage angeboten und von den AutorInnen gewünscht, können auch Zahlungen für Open Access einzelner Artikel in Subskriptionszeitschriften (**Hybrid Open Access**) übernommen werden. Es gelten die gleichen Regeln wie für Gold Open Access.

b) Green Open Access:

Open Access für Publikationen kann auch durch die Selbstarchivierung der vom Verlag akzeptierten Version (*accepted manuscript*) in einem disziplinspezifischen oder institutionellen Repository erfolgen (siehe 3. "Repositorien"). Für die Archivierung ist zumindest die Lizenz *CC-BY-NC* zu verwenden, die eine nicht-kommerzielle Wiederverwendung ohne Einschränkung ermöglicht. Falls es Embargozeiten gibt, vor deren Ablauf die Selbstarchivierung bereits publizierter Forschungsergebnisse in disziplinspezifischen oder institutionellen Repositorien nicht gestattet wird, sollten diese nicht länger als sechs, in Ausnahmefällen zwölf Monate sein. Sind die Embargozeiten länger, muss der FWF kontaktiert und im Abschlussbericht eine Begründung angegeben werden. Zu den Selbstarchivierungs-Politiken der Verlage siehe: <http://www.sherpa.ac.uk/romeo/>

In einigen Fällen gibt es spezielle Abkommen zwischen dem FWF und Verlagen über Rabatte, Kostenverrechnungen oder Embargozeiten. Die AutorInnen werden von den Verlagen während des Einreichverfahrens darauf hingewiesen.

2. Publikationskosten können in allen FWF-Programmen für wissenschaftliche, in referierten Fachorganen veröffentlichte Publikationen bis zu drei Jahre nach Projektende beantragt werden. Für Monographien, Proceedings und Sammelbänden können ausschließlich Kosten geltend gemacht werden, wenn sich der Verlag zu Gold Open Access verpflichtet.

Bei vom FWF geförderten, selbstständigen Publikationen (Bücher u.ä.) ist die zeitgleiche Open Access Veröffentlichung der elektronischen Kopie in der FWF-E-Book-Library verpflichtend, siehe: <https://e-book.fwf.ac.at/>

Zur Kostenübernahme siehe: "Publikations- und Kommunikationsförderung"

Related Link

- > [Open Access Policy for FWF-funded projects \(english version\)](#)



The Open Access Policy of the Austrian Academy of Sciences

To some extent, the Austrian Academy of Sciences (ÖAW) has been following an open access policy for years. Publically available are, for example, select photo archives, lexicons, various working paper series, certain journals and books, as well as chapters or other sections of books published by the ÖAW Press as well as the Academy's individual research units. In addition, the ÖAW has set up EPUB.OEAW, a publications repository.

In the future, digital versions of ÖAW research output will be made publically accessible as quickly as possible, unless prevented for economic or legal reasons. The form of the publication, its location and means of access will be chosen by the individual researcher.

Research fellows at the ÖAW are recommended, subject to legal exclusions, to self-archive their work specific to subject following the so-called green road strategy. It is recommended that they do this as quickly as possible. This means:

ÖAW authors retain the right to deposit a digital copy of their work in a repository that is publically available.

To provide their scholarly community free access to their research output, ÖAW research fellows can use the institutional repository EPUB.OEAW, which is freely accessible via the internet, or a server specific to their discipline.

The ÖAW has made the EPUB.OEAW infrastructure available. It guarantees – based on international standards – the storage of data and research output for at least ten years, and complies to quality security for the data by means of Crossref, CLOCKSS, Portico, ÖNB and ISO.

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(schválená na 21. zasedání Akademické rady AV ČR dne 14. října 2010)

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3.4.2014 19:00

Tajemství CO2 - Dr. Michael Londesborough

7.4.2014 - 11.4.2014

Historický ústav AV ČR připravuje na duben 2014 Knižní dny!

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Researchers and employees of the MTA - including researchers of the subsidized research units and Momentum research groups - should make their scientific publications Open Access. Open Access could be achieved by i.) self-archiving in institutional or discipline-based repositories, ii.) publishing them in Open Access journals or in hybrid journals offering paid Open Access. **The Mandate is obligatory** for all scientific publications submitted for publication after January 1st, 2013. Open Access for scientific publications submitted before 2013, or published already, is recommended (through repositories). The default repository is the REAL of the Library of the MTA, but discipline-based repositories could be used wherever available (e.g. arXiv, PubMed, etc.), and researchers of subsidized research units or Momentum research groups at Universities may use the local repository of the University. URLs of the Open Access versions of the publications should be entered to the Hungarian National Scientific Bibliography (MTMT) database. **Embargo periods - if required by the publisher - could be accepted if no longer than one year (for articles). Corrected manuscripts (final versions accepted by the journals after peer review) could be archived. If the publisher does not accept any form of Open Access, publications should be archived in REAL, choosing a closed access option.** For articles the option visible for "registered users only" should be applied, books should be visible for the "repository staff only", if the publisher does not allow Open Access deposit. Aspects of patentability could be taken into account. The Open Access does not need to be "libre", "gratis" OA is acceptable. Available research funds could be used for covering the costs of Open Access (processing charges or OA fees levied by hybrid journals).

Contributed by Holl, Andras (repository manager)

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Wellcome Trust (8495)	SP1 (6783)	ERC (3974)	2011 (4644)
	SP2 (3974)	ICT (2231)	2013 (4296)
	Molecules, Genes and ... (2259)	HEALTH (999)	2010 (4288)
	SP4 (1940)	SME (969)	2009 (3739)
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Links to research data



On proofs of the Farrell-Jones Conjecture



Bartels, Arthur (2012)

English

publication

Mathematics - Geometric Topology, 18F25, 19A31, 19B28, 19G2

Identifiers:

These notes contain an introduction to proofs of Farrell-Jones Conjecture for some groups and are based on talks given in Ohio, Oxford, Berlin, Shanghai, Münster and Oberwolfach in 2011 and 2012.

Related Data

Related Publications

Metrics

[Reduction theory using semistability.](#)

Links to research data (2)



[Reduction theory using semistability.](#)

Grayson, Daniel R.
EMS Publishing House
dataset
447371216

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[On proofs of the Farrell-Jones Conjecture](#)

(2012)

[K- and L-theory of group rings over \$GL_n\(\mathbb{Z}\)\$](#)

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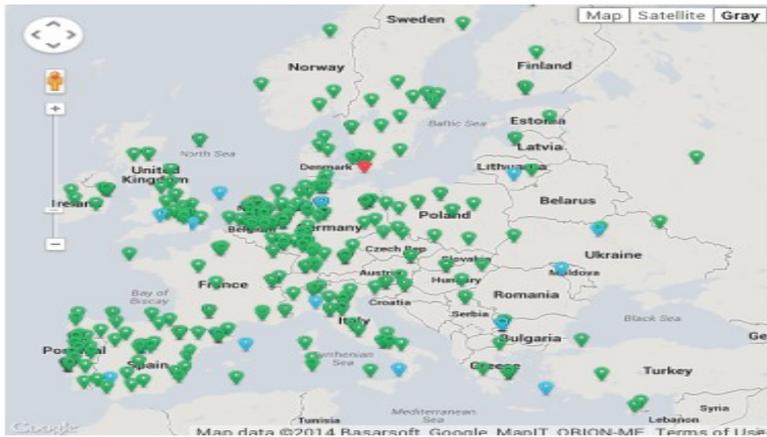
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Website URL: <http://www.oucs.ox.ac.uk/ww1lit/>



For Project coordinators



Guides

<https://beta.openaire.eu/oa-in-h2020/h2020>

Project: ELISA

TITLE	European Light Sources Activities - Synchrotrons and Free Electron Lasers
FUNDER	FP7
FUNDING STREAM	SP4
SCIENTIFIC AREA	INFRA
CALL	FP7-INFRASTRUCTURES-2008-1
CONTRACT (GA) NUMBER	226716
START DATE	01/03/2009
END DATE	31/08/2011
SPECIAL CLAUSE 39	no
ORGANIZATIONS	INFN, DESY, HZDR, KIT, Helmholtz-Zentrum Be, DESY, Helmholtz-Zentrum Be, EMBL, Synchrotron SOLEIL, KIT, FOM, CNRS, Synchrotron SOLEIL, FOM, CELLS, HZDR, CNRS, CELLS, EMBL, INFN
MORE INFORMATION	Detailed project information (CORDIS)

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Project view



Project: ELISA

Publications

Data

Statistics

[view all 581](#)

XAFS IN THE TRACKING OF REACTIONS IN AQUEOUS SOLUTION: A CASE OF REDOX REACTION BETWEEN $[AuCl_4](-)$ COMPLEX IONS AND ETHANOL

Paclawski, K.; Sikora, M. (2012)
Projects: ELISA (226716)

In this work the potential application of synchrotron radiation in the studies of reaction kinetics in aqueous phase were presented. After short introduction describing principles of technique and potential application of XAFS for the structural studies of reacting species, the experimental results of

END DATE 31/08/2011

SPECIAL CLAUSE 39

no

ORGANIZATIONS

INFN, DESY, HZDR, KIT, Helmholtz-Zentrum Be, DESY, Helmholtz-Zentrum Berlin, EMBL, Synchrotron SOLEIL, KIT, FOM, CNRS, Synchrotron SOLEIL, HZDR, CNRS, CELLS, EMBL, INFN

MORE INFORMATION

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



ELISA

European light sources activities - synchrotrons and free electron lasers

from 2009-03-01 to 2011-08-31 | [ELISA website](#)

The system has the largest and most advanced system of synchrotrons and free electron lasers (FELs): 17 operating facilities, several under construction, some 300 beamlines, 25,000-30,000 users per year from many disciplines (materials, chemistry, biology, medicine, physics, technology and others); this is also the world's largest experimental network. The system is an invaluable resource for all scientists ...

Project details

Project reference: 226716
Status: Completed

Total cost: EUR 11 527 104
EU contribution: EUR 10 000 000

Programme acronym:
FP7-INFRASTRUCTURES
Subprogramme area:
INFRA-2008-1.1.1
Contract type:
Combination of CP and CSA

Results

- Periodic Report Summary - ELISA (European light sources activities - synchrotrons and free electron lasers)

Documents

- Periodic Report - ELISA (European light sources activities - synchrotrons and free electron lasers)

Publications (436)

via OpenAIRE



- Improved scintillation proportionality and energy resolution of $LaBr_3(3):Ce$ at 80 K
Ivan V. Khodyuk - Mikhail S. Alekhin - Johan T. M. de Haas - Pieter Dorenbos
- Structure of the Dimeric Autoinhibited Conformation of DAPK2, a Pro-Apoptotic Protein Kinase
Ashok K. Patel - Ravi P. Yadav - Vilvi Majava - Inari Kursula - Petri Kursula
- Examination of the Coordination Sphere of $Al(III)$ in Trifluoromethyl-Heteroarylalkenolato Complex Ions by Gas-Phase IRMPD Spectroscopy and Computational Modelling
Lisa Brueckmann - Wieland Tyrre - Sanjay Mathur - Giel Berden - Jos Oomens - Anthony J. H. M. Meijer - Mathias Schaefer

Project dissemination



*Crisis Campaign
under way*

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Publications List:

EURO-BASIN will make 100% of all fully funded peer-reviewed publications freely available via 'green' open access, thus boosting visibility of the authors, use of the project's research, and providing free access to stakeholders across all sectors.

Publications listed in FP7 e-Infrastructure OpenAIRE:
(incl. 19 publications from a Special Issue in Progress in Oceanography 84, 2010 based on which the project proposal was constructed).

EURO-BASIN Publications

- Seasonal variability in plankton functional types: can we explain stable Redfield ratios? Bieleby, R.G.J. - Johnson, T.M. - Naustvoll, L.J. - Hessen, D.O. - Andersen, Figstad, H.
- Stepwise building of plankton functional type (PFT) models: A feasible route to complex models? Aul, Larsen - Espen, Strand - Frede, Thingstad
- Top-down, bottom-up or middle-out? Avoiding extraneous detail and over-generality in marine ecosystem models Fulton, E. - Allen, J.
- Dysfunctionality in ecosystem models: An underrated pitfall? Mixa, Adäe - Andersen, Thomas R.
- Toward linking ocean models to fish population dynamics Buckley, Lauren B. - Buckley, Lawrence J.
- Towards methodological approaches to implement the zooplankton component in 'end to end' food-web models Poggiale, JC - Carotti, F.
- Ecological modeling in a sea of variable stoichiometry: Dysfunctionality and the legacy of Redfield and Monod Flynn, Kevin J.
- Connecting copepod vital rates into units appropriate for biogeochemical models Zenoudis, S. - Eisenbauer, L. - Carotti, F. - Fraguols, C.
- The case for marine ecosystem models of intermediate complexity St John, Mike - Vezina, Alan - Hannah, Charles
- Plankton functional group models - An assessment Hofmann, Eilken E.
- Bridging the gap from ocean models to population dynamics of large marine predators

The WINNERS of the Open Access Training Competition 2011, are ...

winners of the Open Access fee-waivers given

- Aria Sola Ferreira**
PhD Student at DTU Aqua
wins a fee-waiver for Marine Ecology Progress Series (or any Inter-Research journal)
- Yanjin Xiao**
PhD Student at Virginia Institute for Marine Science, USA, and
- Tosca Dall'ara**
PhD Student at University of Southampton, UK

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- Q&A for Climate Royal Society's 'Science as Open Enterprise'**: Publishing data to suit friends must be mandatory royalsocietypublishing.org/journal/rsos about 1 hour ago · reply · retweet · favorite
- Q&A for Climate White House** makes a statement on Open Access to Research www.whitehouse.gov/the-press-office/2012/02/28/20120228-aa about 1 hour ago · reply · retweet · favorite

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Publication Lists

PRIME-XS publications

- Zwitterionic Separation a Serena Di Pa
- Collagen stin Luigi Margan Arjen Scholt
- Proteome-W Acetylation Brian T. Wei Jensen - Ch
- Highly Sensitive Serena Di Pa
- Improving SR CID Peptide Erik L. de Gr
- Improving De Multidimensi Marco L. He
- A Proteome-Sebastian A. Choudhary
- Enhancing of IMAC Enrich Houjiang Zhi Mohammed
- Evaluation of Separations: Serena Di Pa
- Accurate Qc (PSAQ (TM)) Celine Hulle Alain Dupuis Bruley - Virg

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```
<script
type="text/javascript">
<!--
document.write('<div
id="oa_widget"></div>');
document.write('<script
type="text/javascript"
src="http://vatopedi.di.uoa
.gr/joomla-2.5.3/index.php?
option=com_openaire&view=wi
dget&format=raw&projectId=
c:226716"></script>');
-->
</script>
```

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Resolution

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Project report

Project publications in HTML or CSV

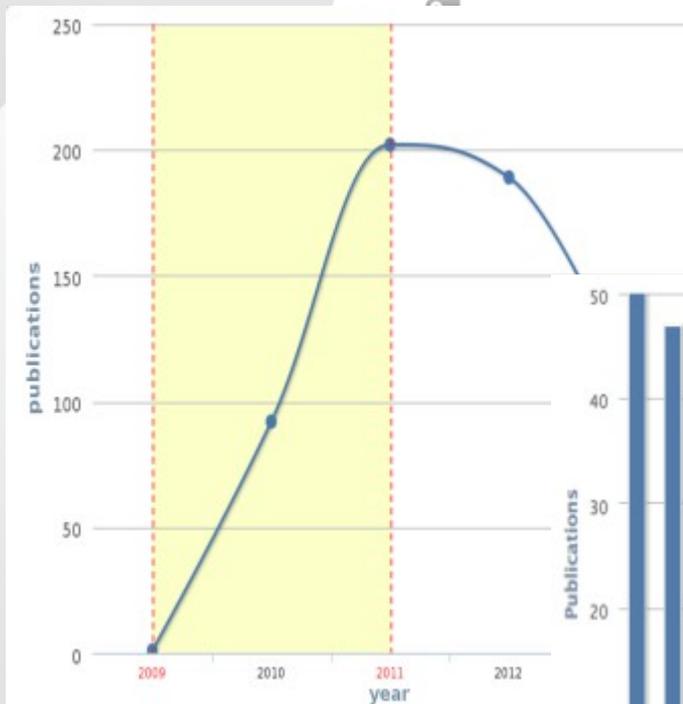
Publications of Project ELISA

445 publications

Title	Author	Publisher	Publication Date	Permanent Identifier	Access Mode	Embargo End Date
Low-temperature fabrication of layered self organized ge clusters by RF-sputtering	Pinto, S. R. C.	Springer Verlag	2011-04-14	http://hdl.handle.net/1822/15689	OPEN	
The high-resolution structure of the extracellular domain of human CD69 using a novel polymer	Kolenko, Petr	WILEY-BLACKWELL PUBLISHING, INC	2009-01-01	http://dx.doi.org/10.1107/S1744309109043152	CLOSED	
Structural and magnetic study of the annealing of Fe-Co nanoparticles	Desvaux, Celine	ROYAL SOC CHEMISTRY	2010-01-01	http://dx.doi.org/10.1039/b916294a	CLOSED	
Neuroprotective action of FK-506 (tacrolimus) after seizures induced with pilocarpine: quantitative and topographic elemental analysis of brain tissue	Chwiej, Joanna	SPRINGER	2010-01-01	http://dx.doi.org/10.1007/s00775-009-0597-2	CLOSED	
Energy band structure and optical response function of	Belabius, S.	AMER PHYSICAL SOC	2010-01-01	http://dx.doi.org/10.1103/PhysRevB.81.075114	CLOSED	

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Project monitoring

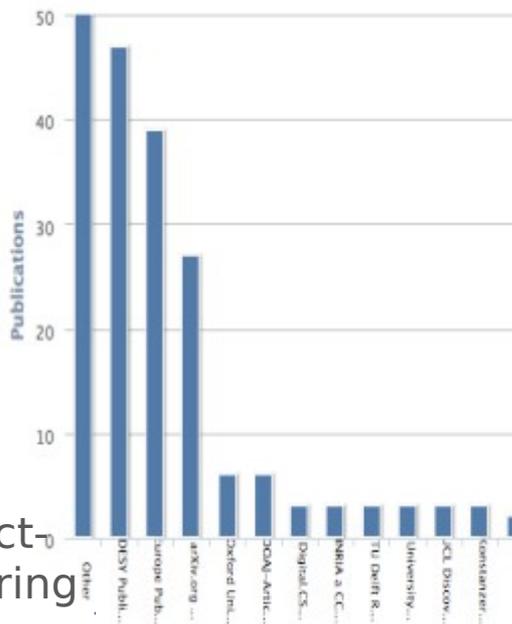


Project productivity over time

Post project-end monitoring

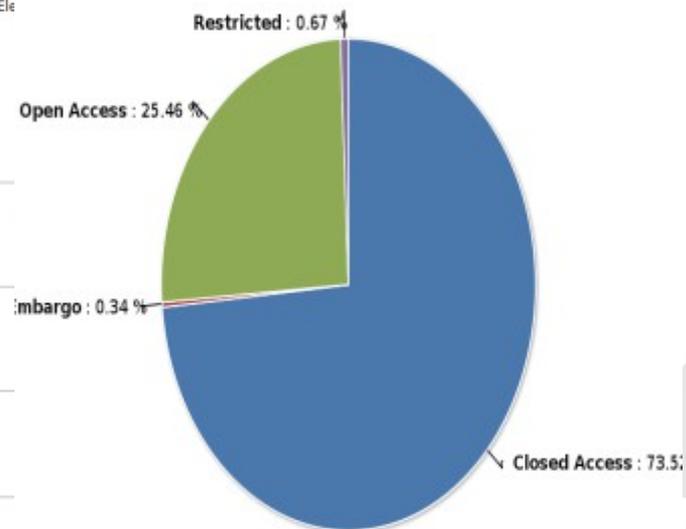
an Light Sources Activities - Synchrotrons and Free Ele

RASTRUCTURES-2008-1



Repositories

Pubs location



OA mandate conformance

For Funders



OpenAIRE Monitoring



8,094,461 publications from 439 data sources

7,945,209 published in OA and 75,677 of them are linked to funding

FP7 statistics



66,111 publications in 7,469 projects (from a total of 22,354)

29,509 are OA, 1,051 are restricted and 106 are still in embargo [graph]

For SC39: 8,471 publications in 725 projects (total of 1,812 projects) - 3,965 are OA [graph]

More

ERC statistics



16,687 publications in 1,763 projects (total of 3,974 projects)

8,274 are OA, 171 are restricted and 18 are still in embargo [graph]

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Wellcome-Trust statistics



10,001 publications in 2,755 projects (total of 8,495 projects)

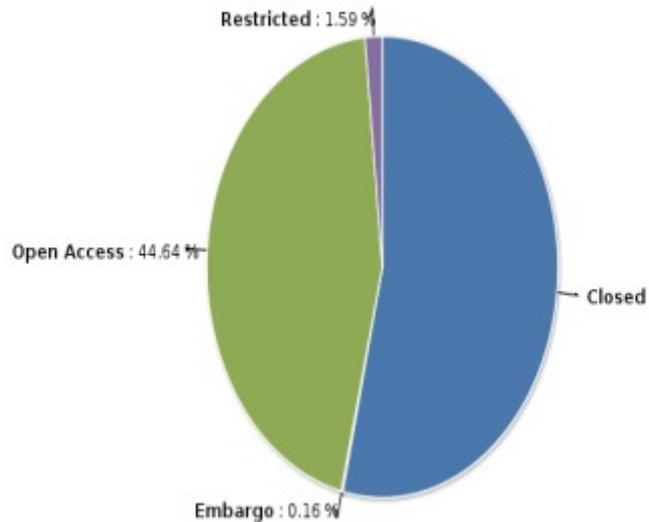
6,627 are OA, 189 are restricted and 2 are still in embargo [graph]

More

Monitoring OA policy



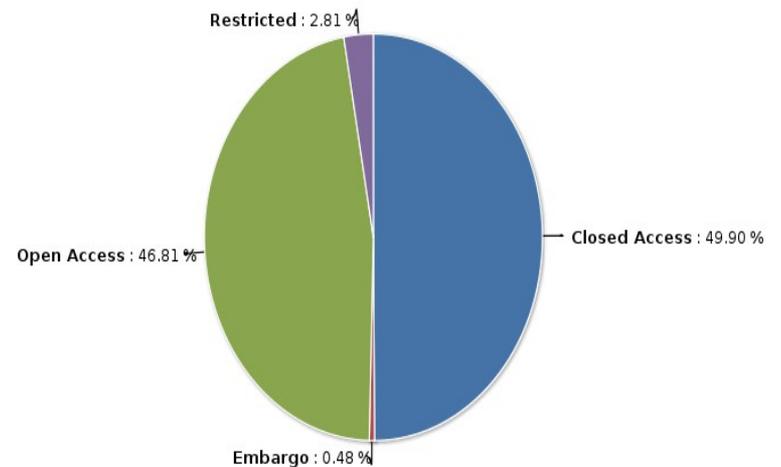
FP7 publications breakdown by access mode



FP7

66K pubs – 7.5K projects

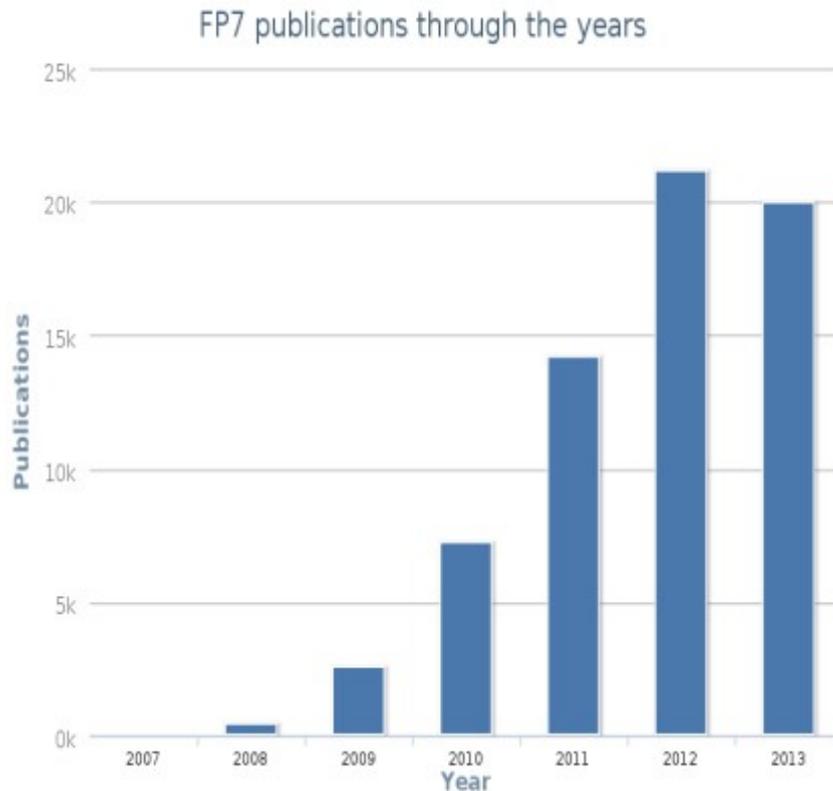
Publications of FP7 projects with SC39 breakdown per access mode



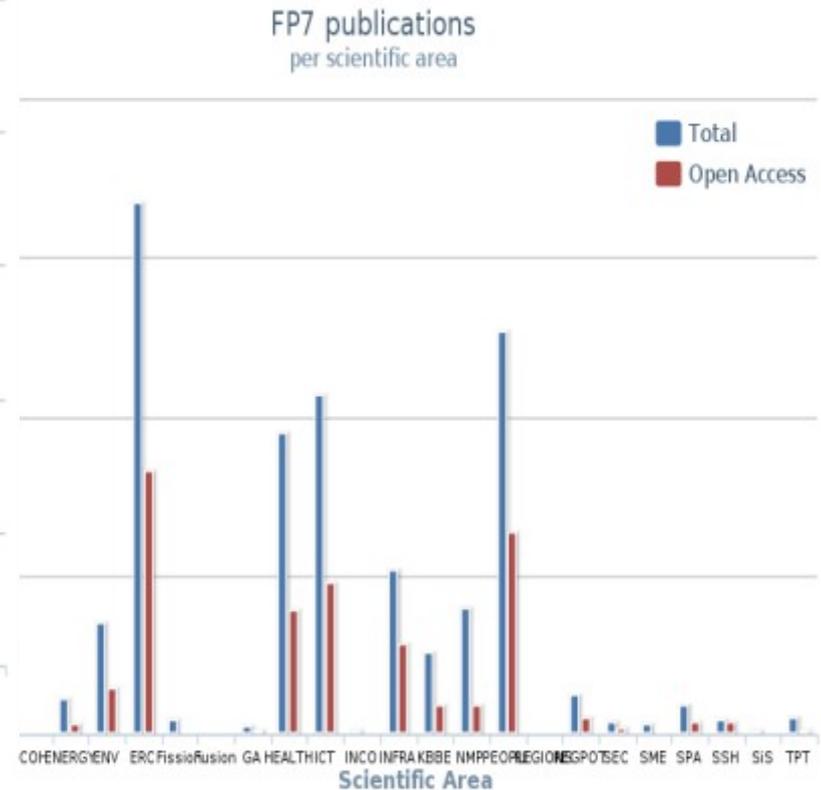
SC39: FP7 OA Pilot

8.5K pubs – 725 projects

Research Output Measures



FP7 timeline - total



FP7 breakdowns



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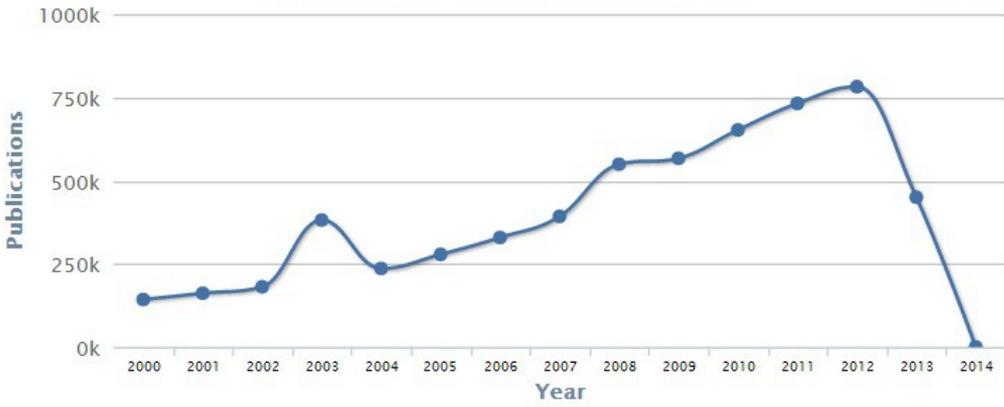
OpenAIRE Monitoring



8,094,461 publications from 439 data sources

7,945,209 published in OA and 75,677 of them are linked to funding

Publications in repositories over time



Yearly Cumulative

Statistics

OpenAIRE monitoring

FP7 statistics

ERC statistics



See what is happening in European countries in terms of Open Access policies and numbers



OpenAIRE computes statistics based on data



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IN EUROPE

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- Publication distribution in Europe (map) [v]
- Publications by type [v]
- Publications by language (top 20) [v]
- Publications by data source (top 20) [v]

About data sources

- Repository distribution over Europe (map) [v]
- Data sources by type [v]
- Data sources by compatibility level [v]
- Data sources by date in OpenAIRE [v]

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Beyond the Obvious



Example
FP7 programmes
connected through
scientific pubs

Project: SPARSEASTRO
Publications:17
Subdivision: ERC

TOPICS:

power spectrum scales bias halo function
noise correlation simulations cmb

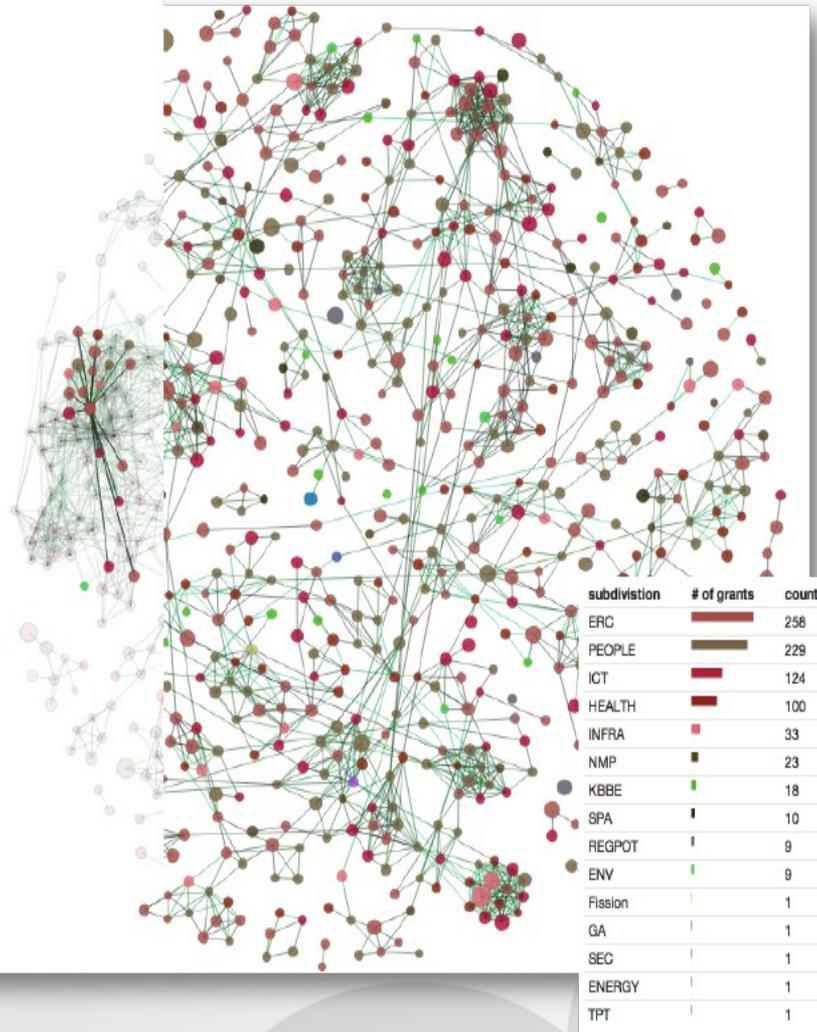
matrix signal sparse problem vector algor
ithm sampling noise set recovery

sources source energy gev fgl emission g
alactic lat data gamma-ray

cluster clusters mass lensing density radi
us adj masses distribution x-ray

SIMILAR TO:

Project: LASSIE
Publications:18
Subdivision: PEOPLE
Project: HOTLHC
Publications:17
Subdivision: ERC
Project: GEOMDISS
Publications:14
Subdivision: ICT
Project: FDP-MBH
Publications:11
Subdivision: ERC
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1 Select one or more projects

2 Identify & select Publications

3 Set copyright information

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✓ EC/PF7
EC/H2020
Wellcome Trust
DFG

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- [X] EC/FP7/Elisa (347469)
- [X] EC/FP7/Chess (598764)
- [X] WT/Phys Med/Mitic (93687)

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Document Language

English (507823)

Undetermined (372027)

French (106177)

Spanish (62690)

Italian (41170)

Project

UNKNOWN (4072)

HADRONPHYSICS2 (538)

ELISA (435)

UNILHC (416)

MASSTEV (302)

Funder

FP7 (43154)

Wellcome Trust (4012)

National funder information

To view figures on the research output associated with the funding that it provides.

To see the ratio of OA articles in a given funding area, usage statistics and publications per project funded.

To have a figure for 'impact of funding'.

Looking Ahead

- **Engage more data providers to become fully compliant**
 - Cleaner data, more effective reporting & monitoring
- **Better integration w/ European Commission's IT systems**
 - Project coordinators reporting w/ the click of a button
- **Alerts & notification system**
 - Subscribe to project changes & receive regular notifications

Looking Ahead (2)

- **Support Horizon 2020 Open Data Pilot**
 - Foundations already in place: links to datasets, Zenodo
- **Engage more funders**
 - ERA-wide reports (co-funded, European trends)

Thank you!
Questions?

iryna.kuchma@eifl.net

www.eifl.net