

Iryna Kuchma
EIFL



@irynakuchma
@openaire_eu

OpenAIRE

eInfrastructure for Open Science



Otvorena nauka u programima Horizon 2020,
Belgrade, 8 November 2016





Who we are

- **An EU project**
- **In 24x7 operation since Dec 2010**
 - OpenAIRE (**Dec. 2009 – Nov. 2012**)
 - OpenAIREplus (**Dec. 2011 – Dec. 2014**)
 - OpenAIRE2020 (**Jan. 2015 – Jun. 2018**)
 - actually started in 2006 with DRIVER and DRIVER II
- **Consortium of 50 partners**

Open Access experts

- Institutional, national and international perspectives on OA policies & e-Infrastructures

Information & Computer Science experts

- Building efficient e-Infra technologies
- State of the art technologies (big data, linked data)

Legal experts

- Legal & policy recommendations


Data communities

- Best practices for data
- Linking to data infrastructures

Homepage | Open Scienc... X +

ec.europa.eu/research/openscience/index.cfm?pg=openaccess

| A-Z index | Site map | About this site | What's New | Legal notice | Cookies | Contact | Search English (en)



RESEARCH & INNOVATION

Open Science

European Commission > Research & Innovation > Open Science > Home

Home **Open Access** European Open Science Cloud Open Science Policy Platform Expert Group on Altmetrics

Open Access

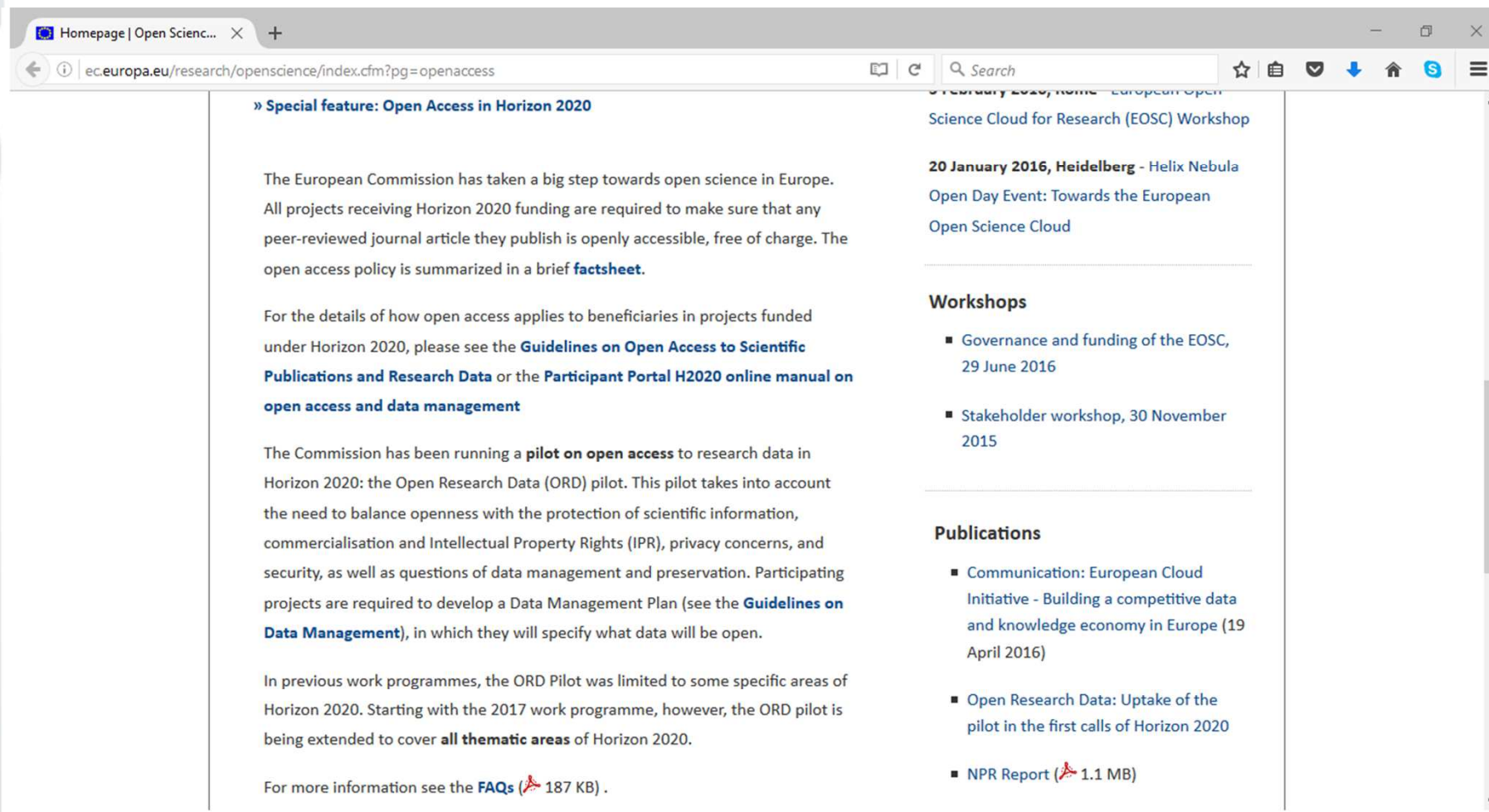
An important aspect of Open Science is a move towards open access to research results funded with public money. Facilitating access to those results encourages the re-use of research output. Science and research have always been open, but some of the processes for producing research and disseminating its results are not.

It is now widely recognised that making research results more accessible to all societal actors contributes to better and more efficient science, and to innovation in the public and private sectors. In 2012, the European Commission published a **Recommendation on access to and preservation of scientific information** encouraging all EU Member States to put publicly-funded research results in the public domain in order to strengthen science and the knowledge-based economy.

This global shift towards giving free, online access (open access) to the results of publicly-funded research has been a core strategy of the European Commission to

Events

- 26-27 September 2016, Seville, Spain** - Applied RDI – making innovation happen!
- 3-6 November 2016, Japan** - Science Agora 2016
- 22 November 2016, Central London, United Kingdom** - Next steps for Open Access and Open Data research policy
- 8-10 February 2017, Vienna, Austria** - 1st HBP Student Conference



Homepage | Open Scienc... X +

ec.europa.eu/research/openscience/index.cfm?pg=openaccess

Search

» **Special feature: Open Access in Horizon 2020**

The European Commission has taken a big step towards open science in Europe. All projects receiving Horizon 2020 funding are required to make sure that any peer-reviewed journal article they publish is openly accessible, free of charge. The open access policy is summarized in a brief **factsheet**.

For the details of how open access applies to beneficiaries in projects funded under Horizon 2020, please see the **Guidelines on Open Access to Scientific Publications and Research Data** or the **Participant Portal H2020 online manual on open access and data management**

The Commission has been running a **pilot on open access** to research data in Horizon 2020: the Open Research Data (ORD) pilot. This pilot takes into account the need to balance openness with the protection of scientific information, commercialisation and Intellectual Property Rights (IPR), privacy concerns, and security, as well as questions of data management and preservation. Participating projects are required to develop a Data Management Plan (see the **Guidelines on Data Management**), in which they will specify what data will be open.

In previous work programmes, the ORD Pilot was limited to some specific areas of Horizon 2020. Starting with the 2017 work programme, however, the ORD pilot is being extended to cover **all thematic areas** of Horizon 2020.

For more information see the **FAQs** (📄 187 KB) .

20 January 2016, Heidelberg - Helix Nebula Open Day Event: Towards the European Open Science Cloud

Workshops

- Governance and funding of the EOSC, 29 June 2016
- Stakeholder workshop, 30 November 2015

Publications


- Communication: European Cloud Initiative - Building a competitive data and knowledge economy in Europe (19 April 2016)
- Open Research Data: Uptake of the pilot in the first calls of Horizon 2020
- NPR Report (📄 1.1 MB)



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RESEARCH & INNOVATION

Open Science

European Commission > Research & Innovation > Open Science

Home Open Access European Open Science Cloud Open Science Policy Platform Expert Group on Altmetrics

Open Science

11 October 2016 – first report from the High Level Expert Group

The Commission has published today the first report of the Commission High Level Expert Group on the European Open Science Cloud (HLEG EOSC).

The Report recommends to close discussions about the 'perceived need' of a science cloud and to take immediate action on the EOSC in close concert with Member States

A Vision for Europe

- Open Innovation
- Open Science
- Open to the World



Realising the European Open Science Cloud

First report and recommendations
of the Commission High Level Expert Group
on the European Open Science Cloud





The European Open Science Cloud (EOSC)

EOSC aims to accelerate and support the current transition to more effective Open Science and Open Innovation in the Digital Single Market.

It should enable trusted access to services, systems and the re-use of shared scientific data across disciplinary, social and geographical borders.



Challenges & observations

The majority of the challenges to reach a functional EOSC are social rather than technical.

The major technical challenge is the complexity of the data and analytics procedures across disciplines rather than the size of the data per se.

Challenges & observations (2)

There is an alarming shortage of data experts both globally and in the European Union.

This is partly based on an archaic reward and funding system for science and innovation, sustaining the article culture and preventing effective data publishing and re-use.



Open Science?

Mostly due to current methods capture and data malpractice, approximately 50% of all research data and experiments is considered not reproducible, and the vast majority (likely over 80%) of data never makes it to a trusted and sustainable repository.

The importance of sharing data

The error that could subvert George Osborne's austerity programme

The theories on which the chancellor based his cuts policies have been shown to be based on an embarrassing mistake

Charles Arthur and Phillip Inman

The Guardian, Thursday 18 April 2013 21.10 BST



George Osborne says that Ken Rogoff, the man whose economic error has been uncovered, has strongly influenced his thinking. Photograph: Stefan Wermuth/PA

A mistake in a spreadsheet led to dramatically different results from those published.

These results were cited by the International Monetary Fund and the UK Treasury to justify austerity programmes.

Had the data been shared, this could have been picked up earlier.



Open Science

Scholarly communication, which has been dominated by narrative and verbal means of delivery for centuries, should be moving rapidly towards communication and re-use formats that also better suit our main research assistants: the data generating machines and data processing machines.



Open Science (2)

Cross-disciplinary collaboration is critically needed, as scientists increasingly use raw and curated data resources and analytics tools from disciplines other than their own.



Open Science (3)

Frame the EOSC as the EU contribution to an Internet of FAIR Data and Services underpinned with open protocols.

Make adequate data stewardship mandatory for all research proposals.



OPEN RESEARCH DATA IN HORIZON 2020

**Jean-François Dechamp
& Daniel Spichtinger**

European Commission
Directorate-General for Research & Innovation

CHALLENGE

Wider access to scientific facts and knowledge helps researchers, innovators and the public find and re-use data, and check research results:



SOLUTION

Horizon 2020 already mandates open access to all scientific publications



From 2017,
research data is **open by default**,
with possibilities to **opt out**

RESEARCH DATA - OPEN BY DEFAULT



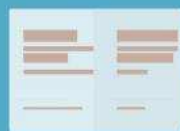
RESEARCH DATA - OPEN BY DEFAULT

Horizon 2020 grantees are required

take measures to ensure open access to the **data** underlying their scientific publications

provide open access to **any other research data** of their choice

Horizon 2020 grantees are **encouraged** to also share datasets beyond publication



RESEARCH DATA - OPEN BY DEFAULT

Projects must have



Provides information on:



the data the research will generate



how to ensure its curation, preservation and sustainability



what parts of that data will be open (and how)

RESEARCH DATA - OPEN BY DEFAULT

Data management costs are fully eligible for funding

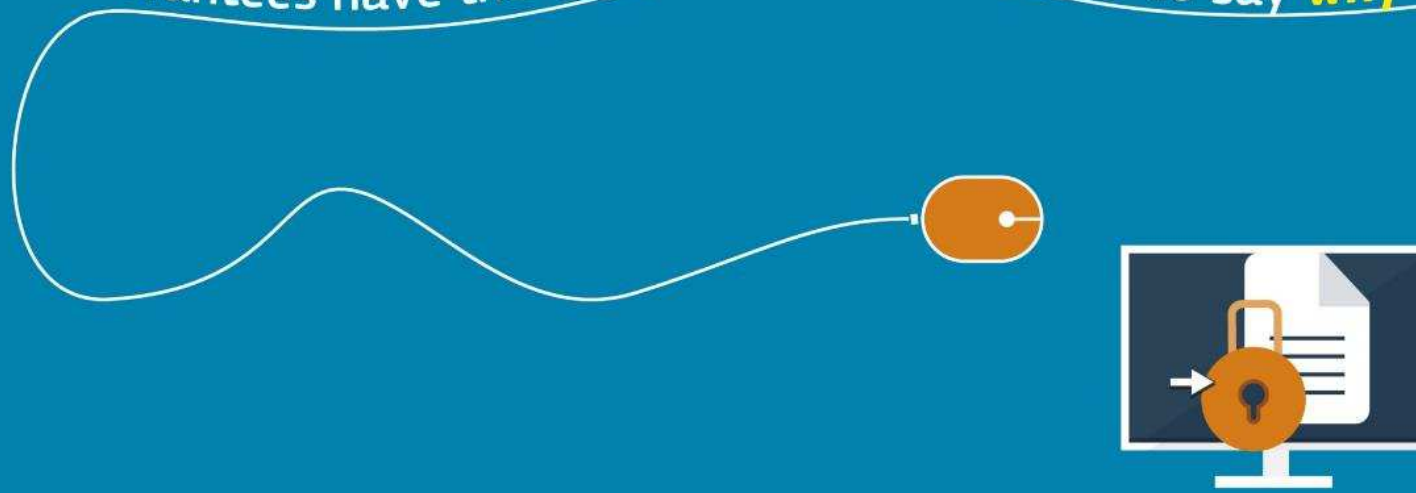


No repository imposed: deposit data where you want



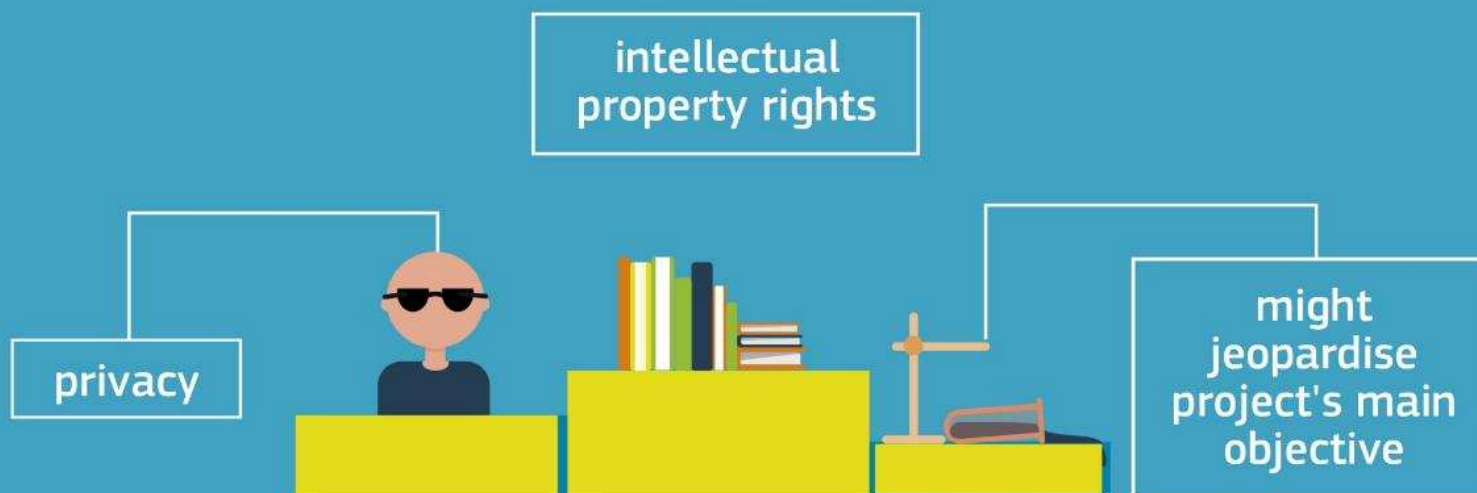
AS OPEN AS POSSIBLE, AS CLOSED AS NECESSARY

Grantees have the right to **opt-out**, but need to say **why**



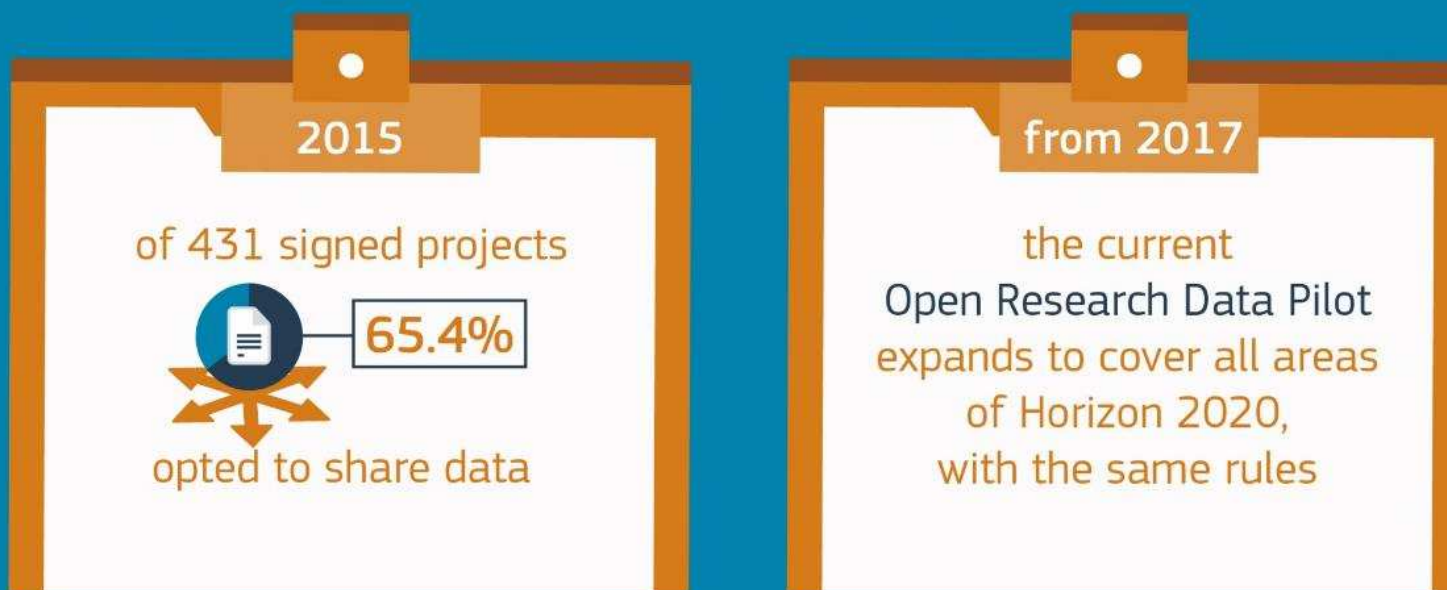
AS OPEN AS POSSIBLE, AS CLOSED AS NECESSARY

Top three reasons for opt-out:

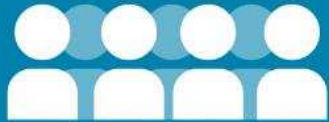


AS OPEN AS POSSIBLE, AS CLOSED AS NECESSARY

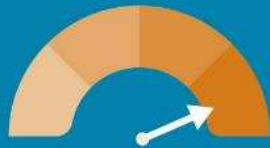
The approach has been tested during a Horizon 2020 pilot action



BE PART OF THE NEW ERA OF OPEN SCIENCE



reach more
people,
have greater
impact



avoid
duplication
of efforts



preserve data
for future
researchers



simplify final
Horizon 2020
reporting
thanks to an
up-to-date DMP

BE PART OF THE NEW ERA OF OPEN SCIENCE

here's one example of the gains arising from open research data

Bioinformatics Institute

€1.3 billion per year

Benefits identified by the European Bioinformatics Institute to users and their funders just by making scientific information freely available to the global life science community...



equivalent to **more than 20 times** the direct operational cost of the Institute

Source: Charles Beagrie Ltd. for EMBL-EBI



... fosters the **social** and **technical** links that enable Open Science in Europe and beyond

Human Network



Digital Network

**50 Partners from every EU country, and beyond
Data centers, universities, libraries, repositories, legal experts**



Infrastructure for open knowledge

- **Foster and facilitate** the shift of scholarly communication towards making science Open and Reproducible
- **Collaborative and participatory** approach at European and Global level



Open Access representatives and liaisons in all EU member states.



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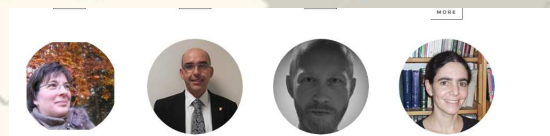


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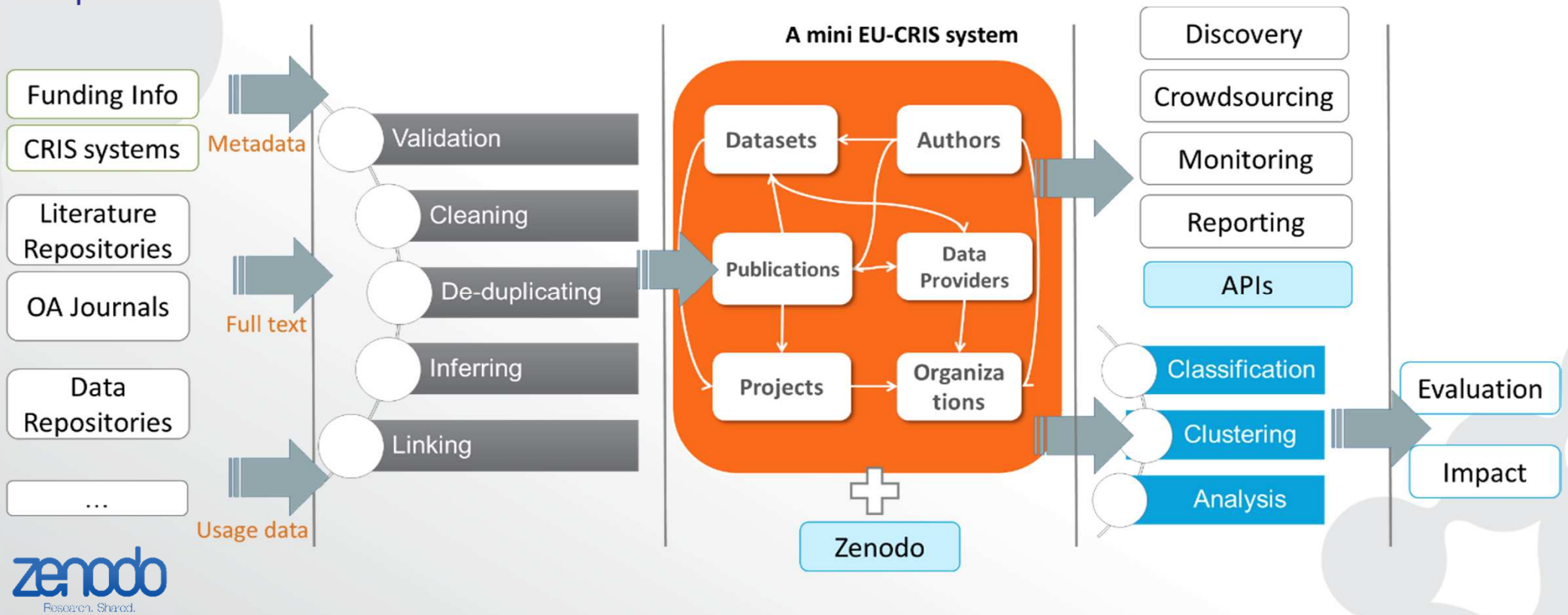
TURKEY
GULTEKIN GURDAL
MORE

UNITED KINGDOM
FRANK MANISTA
MORE

www.openaire.eu/contact-noads



OpenAIRE infrastructure overview





The OpenAIRE e-infrastructure in a nutshell

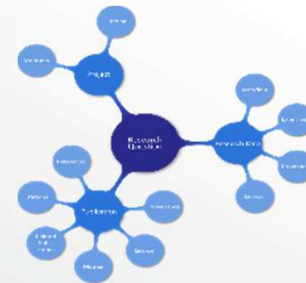
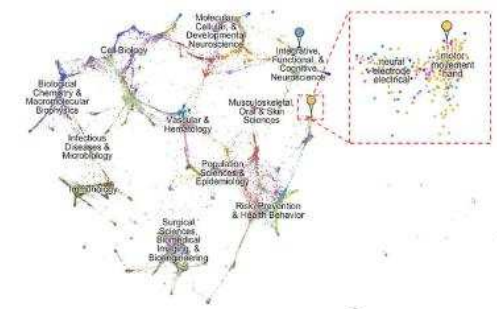
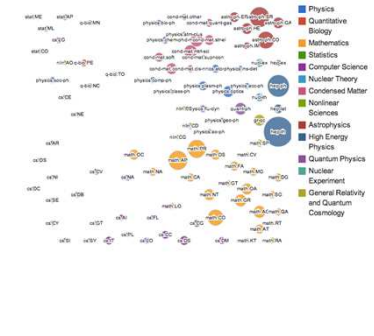
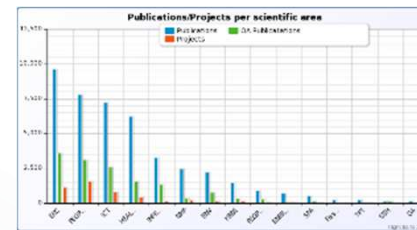
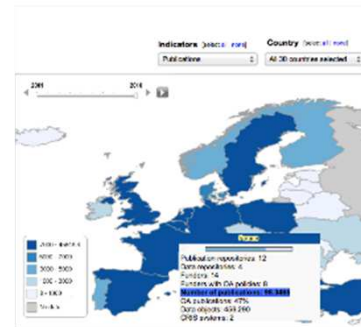
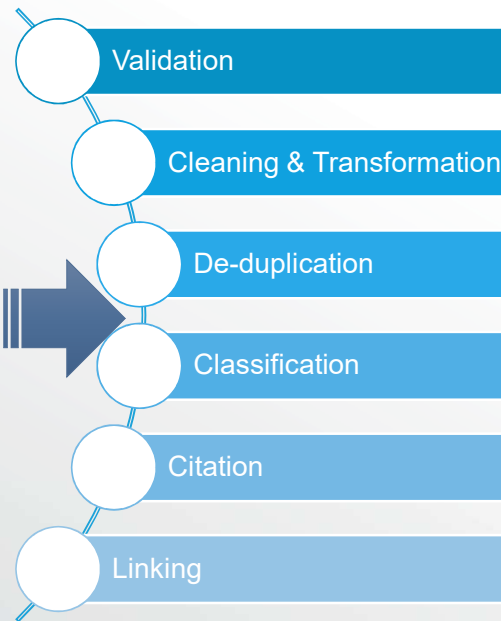
Registries

Funding information

CRIS systems

Data repositories
Data Journals

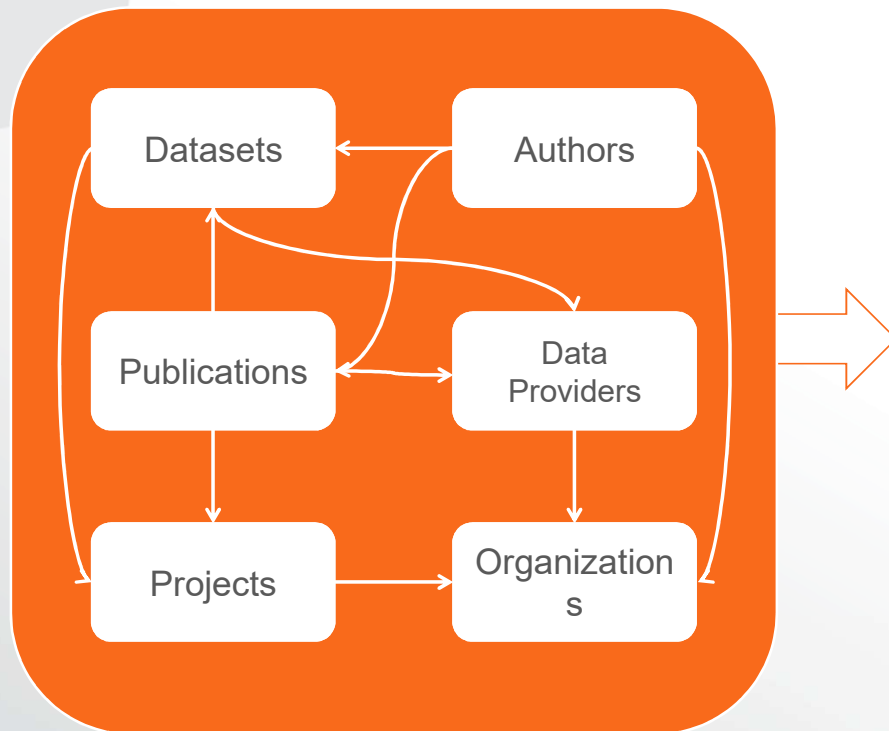
Publication repositories
Institutional & Thematic
Open Access Journals



Research output in context



Integrated Scientific Information System



Access to

- 17 mi **unique** publications
- 25 K datasets linked to publications
- 750 **validated** data providers
- 370K publications linked to **projects** from **7 funders**
- 3.5K links to software repositories

Building bridges: Global alignment via COAR



“bloor viaduct”, <https://www.flickr.com/photos/43021516@N06/>, CC BY-SA 2.0

World-wide alignment & synergies



Red Mexicana
de Repositorios
Institucionales



WORLD DATA SYSTEM



Interoperability alignment, sharing technologies & services

- La Refencia: Latin America repository network
- JAIRO – Japanese Institutional Repositories Online
- REMERI – Mexican Network of Institutional Repositories
- ...

No people, no infrastructure!

Linking people, ideas, and technologies



- International alignment
- Policies and guidelines
- Best practices
- Technological liaisons

- NOADs (EU), COAR, RDA, CASRAI, SHARE (US), La Referencia (South America), WDS
- Open Access and Research Data Management
- Interoperability guidelines for content providers
- Data citation, data-literature inrerlinking
- Alternative bibliometrics, Repository usage stats
- Open Peer Review
- Existing e-infrastructures to re-use their content and services

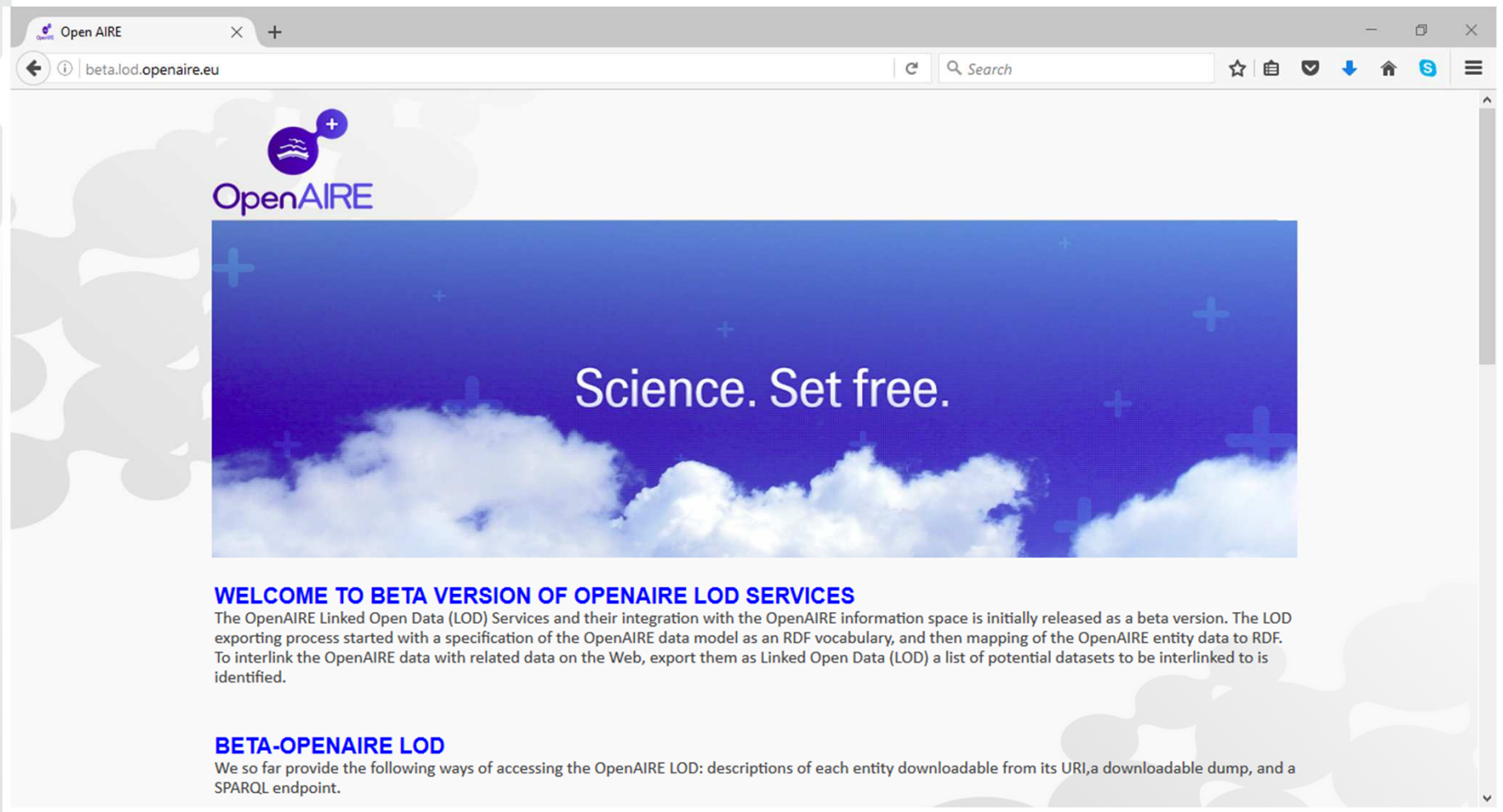
New in OpenAIRE2020

Research and development into new trends in scholarly communication

Linked Open Data

- Legal issues in Open Data
- Data Citation

- Literature-Data Integration
- OA Metrics
- Open Peer Review

A screenshot of a web browser displaying the OpenAIRE LOD Services beta version website. The browser's address bar shows "beta.lod.openaire.eu". The page features the OpenAIRE logo at the top left, followed by a large blue banner with white clouds and the text "Science. Set free." in white. Below the banner, there are two sections of text: "WELCOME TO BETA VERSION OF OPENAIRE LOD SERVICES" and "BETA-OPENAIRE LOD", each followed by a paragraph of descriptive text. The browser's interface, including navigation buttons and a search bar, is visible at the top of the page.

OpenAIRE

Science. Set free.

WELCOME TO BETA VERSION OF OPENAIRE LOD SERVICES

The OpenAIRE Linked Open Data (LOD) Services and their integration with the OpenAIRE information space is initially released as a beta version. The LOD exporting process started with a specification of the OpenAIRE data model as an RDF vocabulary, and then mapping of the OpenAIRE entity data to RDF. To interlink the OpenAIRE data with related data on the Web, export them as Linked Open Data (LOD) a list of potential datasets to be interlinked to is identified.

BETA-OPENAIRE LOD

We so far provide the following ways of accessing the OpenAIRE LOD: descriptions of each entity downloadable from its URI, a downloadable dump, and a SPARQL endpoint.

From Open Access to *Open Science*

Aim: To open up scientific processes and products from all levels to everyone ...

- Open Access (publications, data, software, educational resources)
- Open Methodology (open notebooks, study preregistration)
- Citizen Science
- Open Evaluation / Open Peer Review



Why Open Peer Review?

Problems with traditional peer review ...



- Time
- Accountability
- Bias
- Incentive
- Wasted effort

Open Peer Review, broadly defined ...

Traditionally, peer review is ...

- **Anonymous**: reviewers unknown to authors, or both authors and reviewers unknown to each other
- **Selective**: reviewers selected by editors
- **Opaque**: neither the process nor the reviews are made public

Openness in peer review can refer to ...

- Absence of anonymity (**open identity**)
- Self-selecting reviewers (**open participation**)
- Public processes and reviews (**open access**)



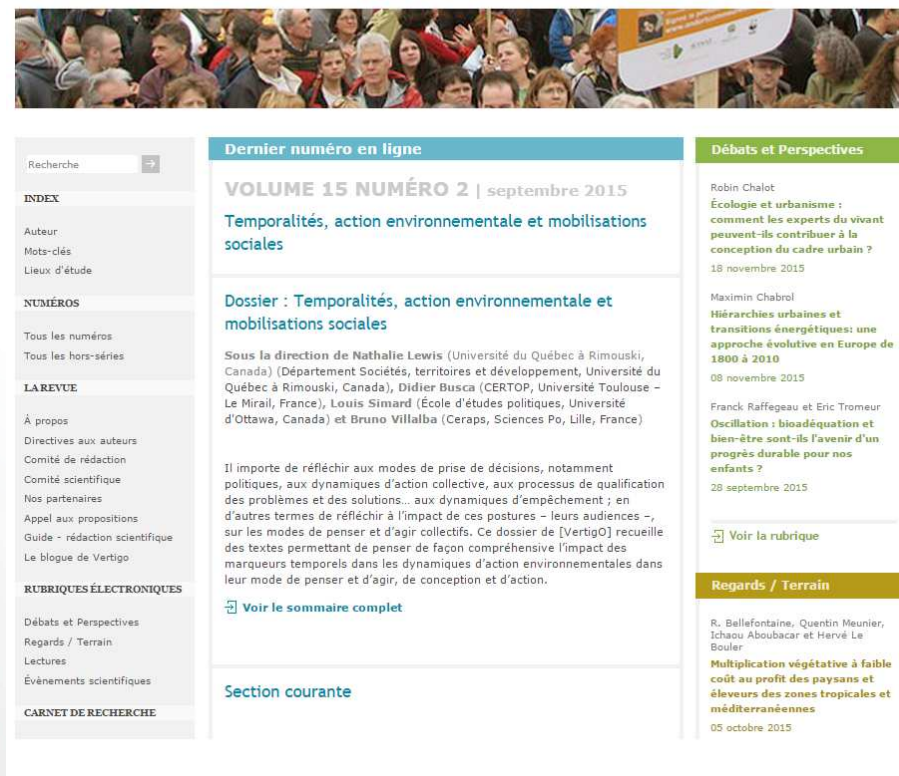
Encouraging experimentation

- Use OpenAIRE infrastructure to seed experimentation
- Stakeholder survey (to come)
- Call for Tenders in 2015
 - Small grants
 - Investigate how OPR might integrate with OpenAIRE
 - Provide case studies for wider evaluation
 - Encourage technological experimentation



- Francophone environmental sciences journal
- Using the blog platform hypotheses.org for OPR
- Using hypothes.is for open commentary
- Treating OPR as a social rather than a technological problem

[VertigO] La revue électronique en sciences de l'environnement



The screenshot shows the VertigO website interface. At the top, there is a search bar and a navigation menu. The main content area is divided into several sections:

- Dernier numéro en ligne**: VOLUME 15 NUMÉRO 2 | septembre 2015. Temporalités, action environnementale et mobilisations sociales.
- Dossiers**: Dossier : Temporalités, action environnementale et mobilisations sociales. Sous la direction de Nathalie Lewis (Université du Québec à Rimouski, Canada), Didier Busca (CERTOP, Université Toulouse - Le Mirail, France), Louis Simard (École d'études politiques, Université d'Ottawa, Canada) et Bruno Villalba (Ceraps, Sciences Po, Lille, France).
- Texte principal**: Il importe de réfléchir aux modes de prise de décisions, notamment politiques, aux dynamiques d'action collective, aux processus de qualification des problèmes et des solutions... aux dynamiques d'empêchement ; en d'autres termes de réfléchir à l'impact de ces postures - leurs audiences -, sur les modes de penser et d'agir collectifs. Ce dossier de [VertigO] recueille des textes permettant de penser de façon compréhensive l'impact des marqueurs temporels dans les dynamiques d'action environnementales dans leur mode de penser et d'agir, de conception et d'action.
- Section courante**: Voir le sommaire complet.
- Débats et Perspectives**:
 - Robin Chalot: Écologie et urbanisme : comment les experts du vivant peuvent-ils contribuer à la conception du cadre urbain ? (18 novembre 2015)
 - Maximin Chabrol: Hiérarchies urbaines et transitions énergétiques: une approche évolutive en Europe de 1800 à 2010 (08 novembre 2015)
 - Franck Raffegau et Eric Tromeur: Oscillation : bioéquation et bien-être sont-ils l'avenir d'un progrès durable pour nos enfants ? (28 septembre 2015)
- Regards / Terrain**: R. Bellefontaine, Quentin Meunier, Ichaou Aboubacar et Hervé Le Bouler: Multiplication végétative à faible coût au profit des paysans et éleveurs des zones tropicales et méditerranéennes (05 octobre 2015)

the WINNOWER

- Incentivizing post-publication peer reviews (with \$\$\$!)
- Capturing reviews from “journal clubs”
- Platform for reviews of Zenodo content
- Author survey

The Winnower is founded on the principle that all ideas should be openly discussed, debated, and archived.

[SUBMIT](#)

winnower, winnow /ˈwɪnoʊ/ - find or identify a valuable or useful part of something, surface the best of the best; amidst this welter of confusing signals, it's difficult to *winnow out* the truth.

HOW IT WORKS

Submit your work. Collect Reviews. Assign DOI & Archive.



Submission

Publish your **research**, **class essays**, **peer reviews**, **grants**, **letters**, **how-to articles**, **conference summaries**, **conference talks**, **blogs** - whatever format you choose.



Review

Invite researchers and colleagues to review your work using The Winnower. The review period can be as long or as short as you need it to be.



Revision

Revise your work based on the reviews you receive. You can make as many or as little changes as necessary before archiving.



Archival

Once you are satisfied with your paper you can assign a digital object identifier (DOI). Metrics including Altmetrics, views, and reviews, will track the impact of your work.



Cost

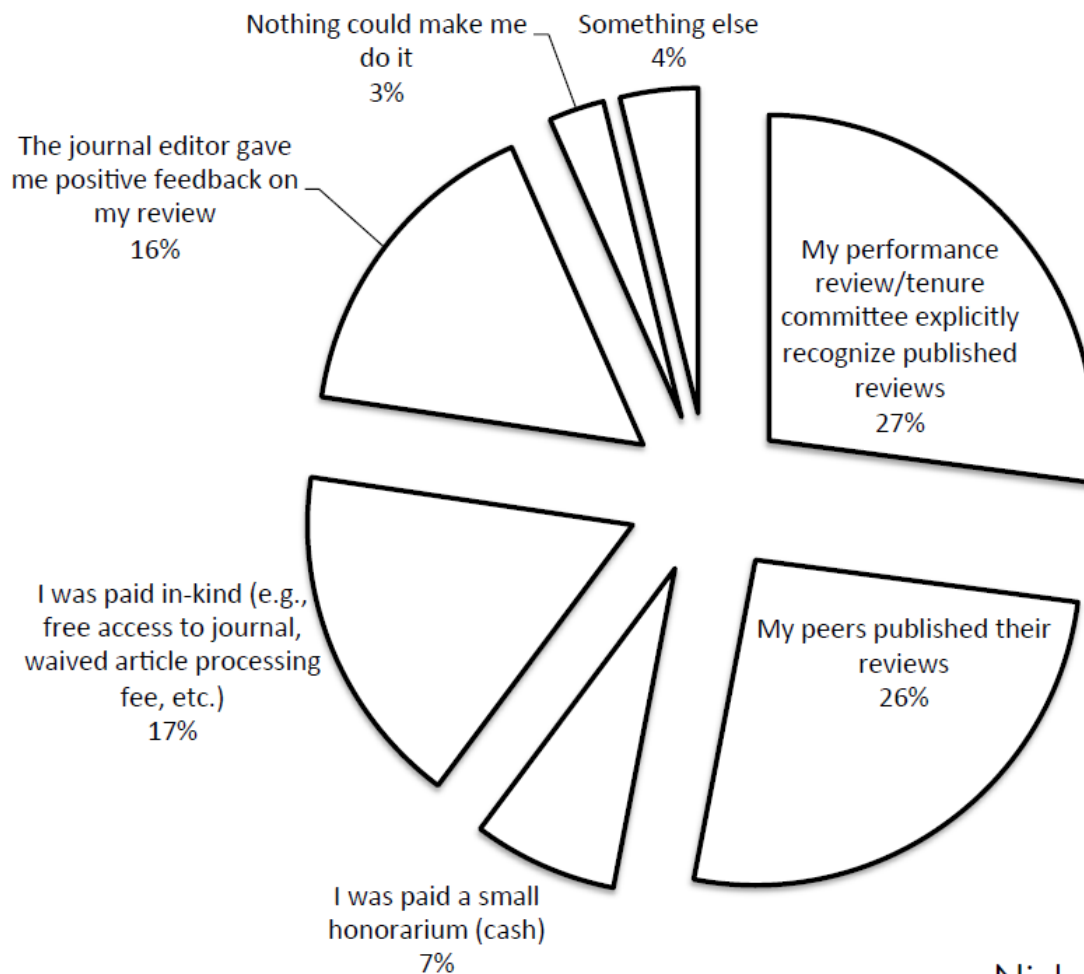


the
WINNOWER

(2)



Reasons that would incentivize scholars to make their peer reviews publicly available.



Nicholson & Alperin, *The Winnower* 2016



open scholar

Open Peer Review Module for repositories

- OPR plug-in for (DSpace) repositories to convert them into functional evaluation platforms
- Includes published reviews, disclosed identities, reviewer reputation system
- Complete code, with full documentation, available on Github under an open license:
 - <https://github.com/arvoConsultores/Open-Peer-Review-Module>



OPRM (2): Implementation



Repository of
the **Spanish Institute
of Oceanography**



Repository of
the **Spanish National
Research Council**

OPRM (3): First researcher reactions

- *A long awaited service in the repository*
- *It is a great idea that merits success as currently peer review is not credited in researchers CVs at all due to its anonymity. But researchers will not have time to review and comment on other peers works as long as this activity remains outside of CVs recognition and lacks strong support from the research institutions*
- *The functionality may be also used to evaluate, accept and comment conference contributions before the event*
- *The project seems very interesting but I decline to participate right now due to lack of time and current demands [preparation of proposals for a national research call]*
- *I have contacted 3 reviewers: **one has no time available, another is against any type of peer review as reviewing is a subjective activity in such a reduced scholarly discipline and the third one has accepted to do it***
- *The service should promote spontaneous discussion by anybody willing to send comments*
- *Inviting peers to an open evaluation may place people in an uncomfortable situation, the module should work 100% open*
- *The service is great for preprints and other unpublished works but has limited applicability for works that have been already evaluated and published*
- *Moreover, the service has a difficult application for very recent publications as publishers reserve an exclusive exploitation for a period of time*
- *How does open peer review operate in relation to “finished” pieces of work (i.e, a book)?*
- *How will the service compete with Academia.edu open review/comments?*

Future directions: A call for common standards

- Uncouple peer review from “publishing”
 - Repositories are more than pre-/post-print servers!
 - Federate OPR services
- We need to agree:
 - What OPR is (standardization of vocabulary)
 - How we measure its effectiveness (standardization of experimentation)
 - How we describe it for machines (standardization of metadata)

Seven traits of OPR

- **Open identities:** Authors and reviewers are aware of each other's identity.
- **Open reports:** Review reports are published alongside the relevant article.
- **Open participation:** The wider community to able to contribute to the review process.
- **Open pre-review manuscripts:** Manuscripts are made immediately available (e.g., via pre-print servers like ArXiv) in advance of any formal peer review procedures.

<https://blogs.openaire.eu/?p=1410>

Seven traits of OPR (2)

- **Open final-version commenting:** Review or commenting on final “version of record” publications.
- **Open interaction:** Direct reciprocal discussion between author(s) and reviewers, and/or between reviewers, is allowed and encouraged.
- **Open platforms:** Review is de-coupled from publishing in that it is facilitated by a different organizational entity than the venue of publication.

<https://blogs.openaire.eu/?p=1410>

RESEARCH ADMINS

How to monitor research results. What services to use for your needs.

RESEARCHERS

Why Open Access. How to comply. What services to use.

FUNDERS

Why align policies and practices. How to monitor and analyze results.

DATA PROVIDERS

How to make your content more visible. What to do to increase quality. How to join.



RESEARCHERS

Why Open Access. How to comply. What services to use.

SHARE, DEPOSIT AND PUBLISH IN OA





**Regardless of where you publish,
deposit the final manuscript or publisher's
PDF in a repository, either institutional or
disciplinary.**

NB: It is not enough to list publications via a project website. They will go unnoticed!



Depositing

1 INSTITUTIONAL REPOSITORY

of the research institution with which they are affiliated

2 SUBJECT/THEMATIC REPOSITORY

3 ZENODO REPOSITORY

Centralised option set up by the OpenAIRE project and CERN

OPENAIRE USES

OpenDOAR

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

as authoritative repository registries

Through OpenAIRE they can be directed to: Publication repositories (OpenDOAR), Research Data repositories (RE3DATA). If no repository is available: Zenodo at CERN (sponsored by OpenAIRE) OpenAIRE harvests directly from a number of OpenAIRE compliant OA publishers and journal aggregators.



Deposit once!

LOCATE A REPOSITORY

via **OpenAIRE**



Find where to deposit



- [PARTICIPATE](#)
- [SEARCH](#)
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- [SUPPORT](#)
- [OPEN ACCESS](#)

DEPOSIT PUBLICATIONS

Are you a grant recipient from the following: H2020; FP7 with SC39; or ERC? Then you are required to publish in [open access](#). One way to do this is to deposit your publications into an [open access repository](#).

Click the following to find more information: [FP7 guidelines](#), [H2020 guidelines](#), [ERC guidelines](#) OR [ask a question](#) to OpenAIRE's national representative.

LOCATE DATA PROVIDER VIA YOUR INSTITUTION

- UNIVERSITEIT GENT (UGent)
- Georgia Regents University
- Universidad de Belgrano Argentina
- Pontificia Universidad Católica Argentina
- AgentLink.org
- Centro Argentino de Información Científica y Tecnológica (CAICYT)
- Ministerio de Educación de la Nación Argentina

Country [select [all](#)/[none](#)]

all countries selected

- AFGHANISTAN
- Albania
- Algeria

Participate

- [Deposit Publications & Data](#)
- [Link Research Results](#)
- [Validate / Register Repository](#)
- [Content policy](#)

DEPOSIT PUBLICATIONS

DATA PROVIDERS FOR INSTITUTION: [UNIVERSITEIT GENT](#)

Please use the information/contacts shown below to deposit your publications.

Ghent University Academic Bibliography

Organizations: [UNIVERSITEIT GENT](#)
Type: Institutional Repository
Languages: English, French, Dutch
Contents: Journal articles, Conference and workshop papers, Theses and dissertations, Unpublished reports and working and sections, Multimedia and audio, visual materials
Website URL: <https://biblio.ugent.be/>
OAI-PMH URL: <https://biblio.ugent.be/oai>





Zenodo (OpenAIRE/CERN repository)

(All) Research.
Shared.

— your one stop research shop!

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 encourage you to curate your upload before putting it on the front-

Citeable.
Discoverable.

— be found!

Zenodo assigns all publicly available uploads a Digital



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 further 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.

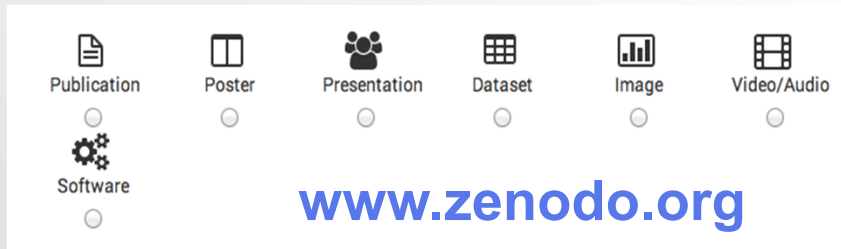
www.zenodo.org



Zenodo Repository

“Catch-all” repository: OpenAIRE-CERN joint effort

- Multiple data types
 - Publications
 - Long tail of research data
- Citable data (DOI)
- Links to funding, pubs, data, software



API
INTEGRATE YOUR APP VIA
PROGRAMMABLE API.



COMMUNITIES
YOUR DIGITAL REPOSITORY
ON ZENODO.



FUNDING
INTEGRATE INTO
REPORTING FOR RESEARCH
FUNDED BY EUROPEAN COM-
MISSION.



FLEXIBLE LICENSING
NOT EVERYTHING IS UNDER
CREATIVE COMMONS.

H2020: Option to gather, preserve and share project's scientific output

Get started!

Make your first upload - all research outputs from across all fields of research are welcome.

[New Upload](#)

New upload

Instructions: (i) Upload minimum one file or fill-in required fields (marked with a red star). (ii) Press "Save" to save your upload for editing later. (iii) When ready, press "Publish" to finalize and make your upload public.

Files

Drag and drop files here

— or —

(minimum 1 file required, max 50 GB per dataset - contact us for larger datasets)

Upload type

required





Acknowledge

PROJECT FUNDING IN THE PUBLICATION
OR DATASET METADATA RECORD



Acknowledge project funding: e.g. ZENODO

New upload

Instructions: (1) Upload minimum one file or RIN required fields (marked with a red star). (2) Press 'Save' to save your upload for editing later. (3) When ready, press 'Publish' to finalize and make your upload public.

File Choose files

Drag and drop files here

— or —

(minimum 1 file required, max 50 MB per dataset - contact us for larger datasets)

Upload type

Publication Poster Presentation Dataset Image Video/Audio

Publication Type

Basic information

Digital Object Identifier
Optional. Did your publisher already assign a DOI to your upload? If not, leave the field empty and we will register new others to clearly and unambiguously cite your upload.

Preprints DOI

Publication Date
Required. Format: YYYY-MM-DD. In case your upload was already published elsewhere, please use the date of first publication.

Title
Required.

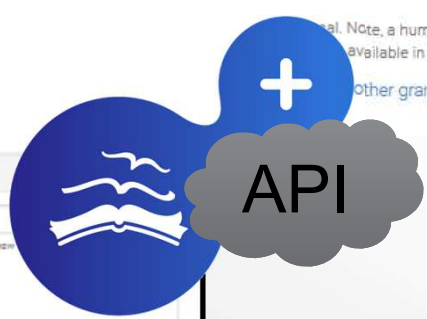
Authors

Funding recommended

Zenodo is integrated into reporting lines for research funded by the European Commission via OpenAIRE (<http://www.openaire.eu>). Specify grants which have funded your research, and we will let your funding agency know!

Grants Other grant

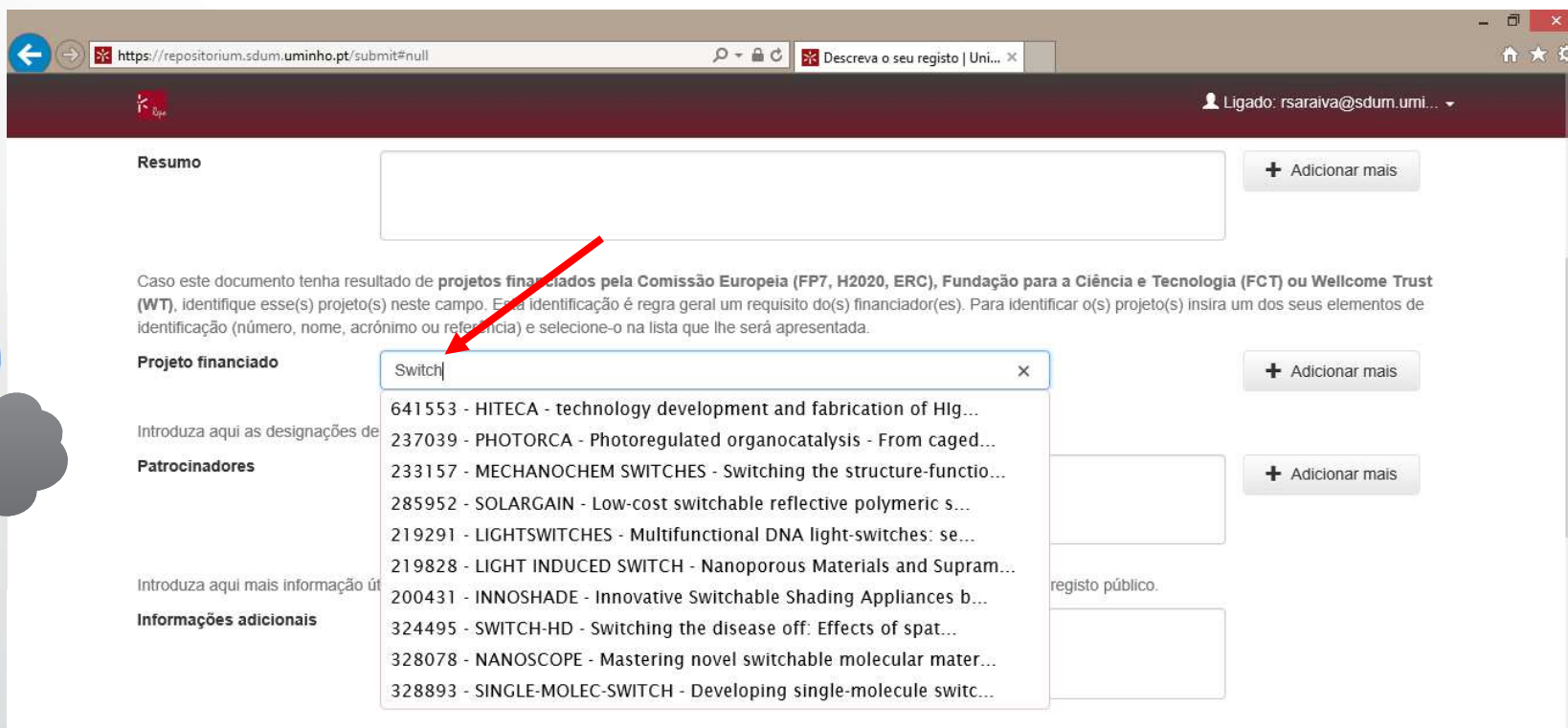
Optional. Note, a human Zenodo curator will validate your upload before reporting it to OpenAIRE, and you may thus experience a delay before your upload is available in OpenAIRE.



OpenAIRE Funders Projects List

REPOSITORIES DEPOSIT WORKFLOW:

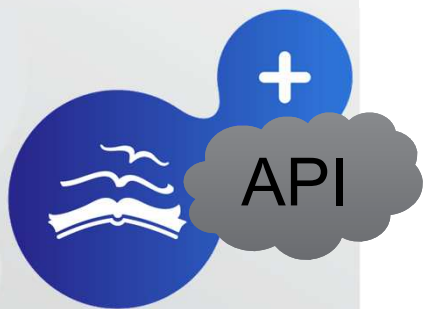
Searching by the name, acronym or the project id number... Select the project and accept



The screenshot shows a web browser window with the URL <https://repositorium.sdum.uminho.pt/submit#null>. The page is titled "Resumo" and contains several input fields and buttons. A red arrow points to a search box labeled "Projeto financiado" which contains the text "Switch". A dropdown menu is open below this box, displaying a list of project entries with their IDs and titles. The entries include:

- 641553 - HITECA - technology development and fabrication of Hig...
- 237039 - PHOTORCA - Photoregulated organocatalysis - From caged...
- 233157 - MECHANOCHEM SWITCHES - Switching the structure-functio...
- 285952 - SOLARGAIN - Low-cost switchable reflective polymeric s...
- 219291 - LIGHTSWITCHES - Multifunctional DNA light-switches: se...
- 219828 - LIGHT INDUCED SWITCH - Nanoporous Materials and Supram...
- 200431 - INNOSHADE - Innovative Switchable Shading Appliances b...
- 324495 - SWITCH-HD - Switching the disease off: Effects of spat...
- 328078 - NANOSCOPE - Mastering novel switchable molecular mater...
- 328893 - SINGLE-MOLEC-SWITCH - Developing single-molecule switc...

Other sections on the page include "Introduza aqui as designações de Patrocinadores" and "Introduza aqui mais informação útil Informações adicionais". There are also buttons labeled "+ Adicionar mais" next to each input field.





H2020 PROJECTS LIST

http://api.openaire.eu/#cha_projects [http](http://api.openaire.eu/#cha_projects)



Custom access to metadata
about projects funded by the
European Commission
(FP7 & H2020).
+ other funders!



Chapter 4. Bulk access to projects

Table of Contents

DSpace/ePrints

The APIs offer custom access to metadata about projects funded by a selection of international funders for the DSpace and EPrints platforms.

The currently supported funding streams and relative codes are:

- FP7: The 7th Framework Programme funded by the European Commission
- WT: Wellcome Trust funding programme
- H2020: Horizon2020 Programme funded by the European Commission
- FCT: the funding programme of Fundação para a Ciência e a Tecnologia, the national funding agency of Portugal
- ARC: the funding programme of the Australian Research Council
- NHMRC: the funding programme of the Australian National Health and Medical Research Council

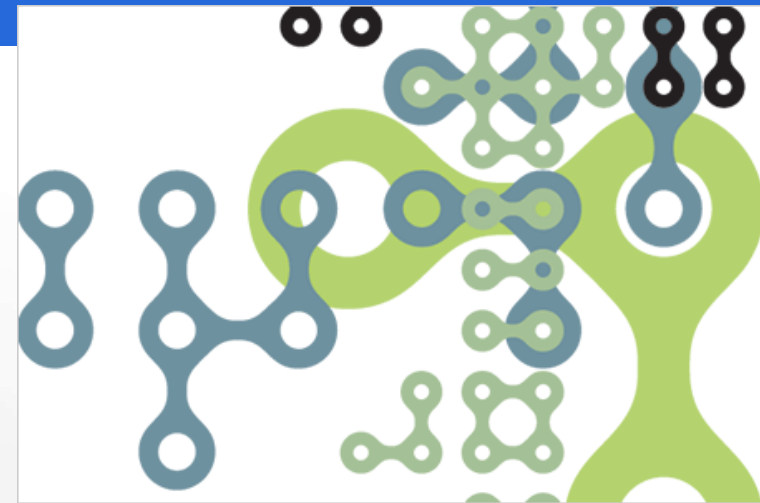
RESEARCHERS

Why Open Access. How to comply. What services to use.

RESEARCH ADMINS

How to monitor research results. What services to use for your needs.

LINK YOUR RESEARCH RESULTS





**When you publish or deposit in OA
make sure you use a fully OpenAIRE
compatible repository. If you don't...**

**USE OUR LINKING SERVICES
AFTERWARDS AND ASSOCIATE YOUR
RESEARCH RESULTS**



LINK RESEARCH RESULTS TOOL

<https://www.openaire.eu/participate/claim>

Link publication or datasets to projects.
Identify the project, select publications or datasets and set the access rights.



1 IDENTIFY PROJECT

2 SELECT PUBLICATIONS/DATASETS

3 SET ACCESS RIGHTS

SELECT FUNDING AGENCY

1. Select funding agencies

Funder:

2. Select Project(s)

Type the project title or the acronym or the grant agreement

SELECT CONTEXTS(S)

1. Select community and category

Community: Category:

2. Select Contexts(s) [BROWSE](#)

Please select concept...

Projects: publications and data



HERMIONE SC39

Title	Hotspot Ecosystem Research and Man's Impact on European seas
Funding	EC FP7 SP1 ENV
Call	FP7-ENV-2008-1
Contract (GA) number	226354
Start Date	2009/04/01
End Date	2012/09/30
Open Access mandate	yes
Special Clause 39	yes
Organizations	FAU, CU, HAVFORSKNINGSINSTITUTTET, SIO, IH, National Marine Aqua, NIOZ, Acquario di Genova, THE SCOTTISH ASSOCIATION FOR MARINE SCIENCE, ArchimediX, CNR, UNIVERSITY OF THESSALY - UTH, UPM, CNRS, UB, UniHB, UNEP, CSIC, AWI, MPG, UGOT, UAzores, UAVR, SOTON, JacobsUni, HCMR, MEDIAN, IFREMER, HWU, CONISMA, ULIV, UiT, ICHEC, GEOMAR, NERC, UNIABDN, KNAW, SENCKENBERG GESELLSCHAFT FUR NATURFORSCHUNG, WCMC, Tyndall-UCC, UGent
More information	Detailed project information (CORDIS)

Publications (351)
Research Data (481)
Statistics 



Link datasets and projects

1 IDENTIFY PROJECT | 2 SELECT PUBLICATIONS/DATASETS | 3 SET ACCESS RIGHTS

SELECT FUNDING AGENCY

1. Select funding agencies

Funder:

2. Select Project(s)

× EC | OpenAIRE2020

SELECT CONTEXTS(S)

1. Select community and category

Community: Category:

2. Select Contexts(s) [BROWSE](#)

Please select concept...

PROCEED

1 IDENTIFY PROJECT | 2 SELECT PUBLICATIONS/DATASETS | 3 SET ACCESS RIGHTS

0 items in 1 Projects and 0 Contexts

Search for publications/ research data in OpenAire, Crossref, Orcid and Datacite

IDENTIFY

Publication Dataset

START OVER

< PREV **NEXT >**

Participate

- Deposit Publications & Data
- [Link Research Results](#)
- Validate / Register Repository
- Content policy

Linking research results

Publications and data to projects

1 IDENTIFY PROJECT | 2 SELECT PUBLICATIONS/DATASETS | 3 SET ACCESS RIGHTS

- **3 easy steps**
 - Identify projects (EC +)
 - Find publications/data
 - Set access rights

SHARE - BOOKMARK



APP BOX

-  Publication details
-  Dynamically incorporate publications in your site (HTML)
-  View EC progress report (HTML)
-  Download EC progress report (CSV)

LINK RESEARCH RESULTS

DEPOSIT PUBLICATIONS

RESEARCHERS

Why Open Access. How to comply. What services to use.

GATHER OUTPUTS, VIEW PROGRESS AND REPORT



RESEARCH ADMINS

How to monitor research results. What services to use for your needs.





PROJECTS PUBLICATIONS LIST

<https://www.openaire.eu/search/find/projects>

OpenAIRE portal includes an App Box to generate a project publication list.
Communicate your project results.



APP BOX

-  [Publication details](#)
-  [Dynamically incorporate publications in your site \(HTML\)](#)
-  [View EC progress report \(HTML\)](#)
-  [Download EC progress report \(CSV\)](#)

[LINK RESEARCH RESULTS](#)

[DEPOSIT PUBLICATIONS](#)

FUNDERS

Why align policies and practices. How to monitor and analyze results.

RESEARCH ADMINS

How to monitor research results. What services to use for your needs.

MONITOR AND REPORTING





**Once you deposit in a fully
OpenAIRE compliant
repository**

**YOUR PUBLICATIONS WILL BE REPORTED
AUTOMATICALLY TO THE EC'S PARTICIPANT
PORTAL AT REPORTING TIME**



**PROJECT
PUBLICATIONS**



OpenAIRE



Automatically





EC's participant portal (reporting)

Grant Management

643410 (OpenAIRE2020)	RIA	Publishable Summary	Deliverables	Milestones	Critical Risks	Publications	Patents (IPR)	Gen

Call: H2020-EINFRA-2014-2015
Topic: EINFRA-2-2014 Unit: CNECT/C/01

RESEARCH & INNOVATION
Participant Portal - Grant Management Services

MY PROJECT

Call: H2020-EINFRA-2014-1
Type of Action: RIA
Acronym: OpenAIRE2020
Current Phase: Grant Management
Number: 643410
Duration: 42 months
Start Date: 01 Jan 2015
Estimated Project Cost: €13,132,500.00
Requested EU Contribution: €13,000,000.00
Contact: [Pilar.OCON GARCES](#)

[Latest Legal Data](#)
[Process List](#)
[Document Library](#)
[Communication Center](#)

H2020 ONLINE MANUAL

Continuous
or Final
Reporting

EC's participant portal

Grant Management
Project Continuous Report
nprcipe (EXTERNAL) ?

643410 (OpenAIRE2020) RIA

HORIZON 2020

Call: H2020-EINFRA-2014-2015
Topic: EINFRA-2-2014 Unit: CNECT/C/01

Publishable Summary
✓

Deliverables
i

Milestones
i

Critical Risks
✓

Publications
✓

Patents (IPR)
✓

Gender
✗

Publications SAVE

This project does not currently have any scientific publication

Suggested publications from OpenAIRE (9 publications)

No.	Type	Title	Authors	Title of the Journal/Proc./Book	Date of Acceptance	DOI	Non-DOI Weblink	Actions
1	Other	Establishing of a Slovenian open access infrastructure	Hrovat, Goran; Kotar, Mojca; Ferme,		24/12/2015	10.1108/PROG-02-2014-0005	🔗	✗ ^
2	Article	Semantic Publishing Challenge - Assessing the Quality of Scier	Dimou, Anastasia; Vahdati, Sahar; Di		25/08/2015		🔗	✗
3	Article	Mapping Large Scale Research Metadata to Linked Data: A Pe	Vahdati, Sahar; Huang, Jyun-Yao; Ka		12/06/2015		🔗	✗
4	Article	Structured Affiliations Extraction from Scientific Literature	Bolikowski, Łukasz; Tarnawski,		01/01/2015		🔗	✗
5	Article	CERMINE: automatic extraction of structured metadata fron	Dendek, Piotr Jan; Szostek, Pawe&#		01/01/2015		🔗	✗ v

Project publications (12 publications) + Manually add publication

No.	Type	Title	Authors	Title of the Journal/Proc./Book	Number, date or freq. of the Journal/Proc./Book	DOI	Repository Link	Actions
1	Article in Joi	OpenAIRE: Supporting a European open access mandate	Najla Rettberg and Birgit Schmidt	College & Research Libraries News	Vol.76 No.6		🔗	✗ ^
2	Publication i	Aligning Repository Networks and the Confederation of Open	Kathleen Shearer	INFLIBNET's Convention Proceedings			🔗	✗
3	Article in Joi	Reaching Out to Global Interoperability through Aligning Repr	Kathleen Shearer, Katharina Mueller,	New Avenues for Electronic Publishing in the Age		10.3233/978-1-61499-562-3-165		✗
4	Article in Joi	The OpenAIRE2020 FP7 Post-Grant Open Access Pilot: Implem	Pablo de Castro	Information Services & Use				✗
5	Article in Joi	CERMINE: automatic extraction of structured metadata fron	Dominika Tkaczyk, Paweł Szostek, M	International Journal on Document Analysis and f	18/4	10.1007/s10032-015-0249-8	🔗	✗
6	Article in Joi	Structured Affiliations Extraction from Scientific Literature	Dominika Tkaczyk, Bartosz Tarnawsl	D-Lib Magazine	21/11/12	10.1045/november2015-tkaczyk	🔗	✗
7	Publication i	On bridging data centers and publishers: the data-literature	Burton Adrian	MTSR 2015 - 9th Metadata and Semantics Resear				✗
8	Article in Joi	Mapping Large Scale Research Metadata to Linked Data: A Pe	Sahar Vahdati	Communications in Computer and Information Sc	544			✗
9	Publication i	OpenCourseWare observatory - does the quality of OpenCou	Sahar Vahdati, Christoph Lange, Sör	Proceedings of the Fifth International Conferenc		10.1145/2723576.2723605		✗
10	Article in Joi	Semantic Publishing Challenge - Assessing the Quality of Scier	Christoph Lange	Communications in Computer and Information Sc				✗

Validate

RESEARCHERS

Why Open Access. How to comply. What services to use.

RESEARCH ADMINS

How to monitor research results. What services to use for your needs.

DISCOVER AND REUSE



All



Search keywords

SEARCH

[Publications](#)
[Research Data](#)
[Projects](#)
[People](#)
[Organizations](#)
[Data Providers](#)

FUNDER

[European Commission \(EC\) \(190111\)](#)
[NSF \(118399\)](#)
[Fundação para a Ciênc... \(23371\)](#)
[Wellcome Trust \(WT\) \(15544\)](#)
[Australian Research C... \(7826\)](#)

[View more](#)

ACCESS MODE

[Open Access \(16530158\)](#)
[Restricted \(178675\)](#)
[not available \(123120\)](#)
[Closed Access \(86347\)](#)
[Embargo \(5448\)](#)

PUBLICATION YEAR

[2014 \(1464873\)](#)
[2015 \(1390945\)](#)
[2013 \(1383148\)](#)
[2012 \(1289254\)](#)
[2011 \(1174328\)](#)

[View more](#)

DOCUMENT TYPE

[Article \(9848271\)](#)
[Unknown \(2138094\)](#)
[Preprint \(1648040\)](#)
[Doctoral thesis \(869073\)](#)
[Conference object \(535812\)](#)

[View more](#)

DOCUMENT LANGUAGE

[English \(8572718\)](#)
[Undetermined \(1945717\)](#)
[Russian \(1438764\)](#)
[Japanese \(1360767\)](#)
[Spanish; Castilian \(629744\)](#)

[View more](#)

DATA PROVIDER

[Europe PubMed Central \(3665973\)](#)
[DOAJ-Articles \(2155759\)](#)
[JAIRO \(1816170\)](#)
[CyberLeninka - Russia... \(1192919\)](#)
[arXiv.org e-Print Arc... \(1175074\)](#)

[View more](#)

COMMUNITIES

[EGI \(5917\)](#)
[FET \(3981\)](#)

Search

Publications, data, projects, ...

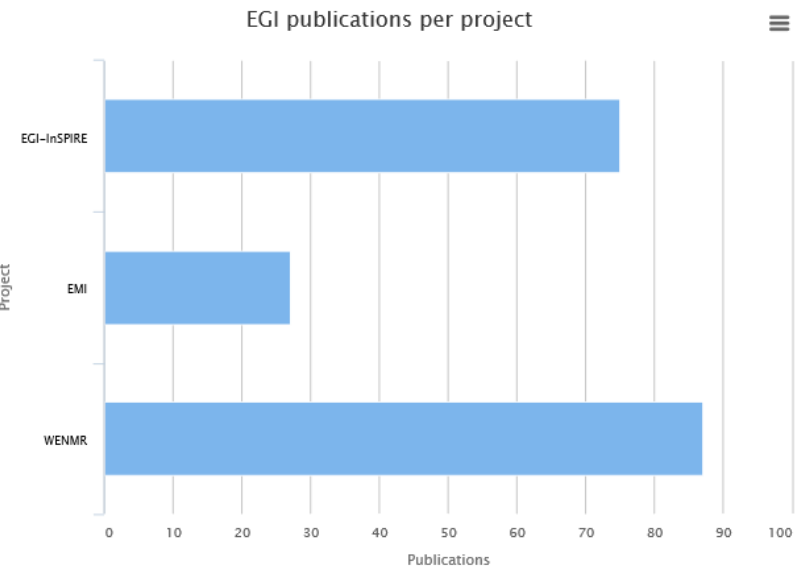
[all](#)
[publications](#)
[research data](#)
[projects](#)
[people](#)
[organizations](#)
[data providers](#)

[Data Providers](#)

[General information](#)

FUNDER	ACCESS MODE	PUBLICATION YEAR	DOCUMENT TYPE
European Commission (EC) (195617)	Open Access (16804960)	2014 (18)	Article (9)
NSF (119558)	Restricted (180599)	2013 (15)	Preprint
Fundação para a Ciênc... (23704)	not available (134072)	2012 (15)	Unknown
Wellcome Trust (WT) (16106)	Closed Access (88451)	2011 (14)	Research
Australian Research C... (8053)	Embargo (6248)	2010 (14)	Doctoral
View more		View more	View more

DOCUMENT LANGUAGE	DATA PROVIDER	COMMUNITIES
English (8841413)	Europe PubMed Central (3707230)	EGI (8857)
Undetermined (1939358)	DOAJ-Articles (2217015)	FET (4043)
Russian (1455203)	JAIR (1860651)	
Japanese (1395774)	CyberLeninka - Russia... (1208484)	
Spanish; Castilian (663007)	arXiv.org e-Print Arc... (1181963)	
View more	View more	



8857 documents, page 1 of 886

SEARCH FILTERS: Related to communities: EGI

REFINE BY: Funder

FUNDER

- European Commissi... (684)
- NSF (157)
- Fundação para a Ci... (43)
- Wellcome Trust (WT) (9)
- Australian Research... (6)
- NHMRC (1)

Measurement of the production of neighbouring jets in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector

Onofre, A.; ATLAS Collaboration (2015)

This Letter presents measurements of correlated production of nearby jets in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV using the ATLAS detector at the Large Hadron Collider. The measurement was performed using 0.14 nb⁻¹ of data... The production of correlated jet pairs was quantified using the rate, $R_{\Delta R}$, of "neighbouring" jets that... jets within a given range of angular distance, ΔR , in the pseudorapidity-azimuthal angle plane. The... in the ATLAS...

Measurement of the top quark pair cross section with ATLAS in pp collisions at $\sqrt{s}=7$ TeV with an electron or a muon and a hadronically decaying τ lepton

Chelstowska, M.; De Groot, N.; Filthaut, F.; Klok, P.F.; König, A.; Koetsveld, F.; Raas, M.; A. Salvucci... NET (246806)

For muchos autores, sólo se referencian el que aparece en primer lugar, el nombre del grupo de colaboración y los autores que firman como pertenecientes a la UAM A measurement of the cross section of top quark pair production in proton-proton collisions recorded with the ATLAS detector at the Large Hadron Collider at a centre-of-mass energy of 7 TeV is reported. The data sample used corresponds to an integrated luminosity of 2.05 fb⁻¹. Events with an isolated electron or m...



DATA PROVIDERS
How to make your content more visible. What to do to increase quality. How to join.

REGISTRATION AND VALIDATION



Guidelines for Data Providers

1 Literature Repositories

(and journal platforms)

Dublin Core (DRIVER)

2 Data Repositories

(and archives/data centres)

Datacite

3 CRIS systems CERIF-XML



Test the OpenAIRE Compliance

Run Compatibility Test

1 Select repository/journal

Base URL(*)

Please choose existing Base URL...

Or Manually Enter a Base Url(*)

https://zenodo.org/oai2d

2 Select guidelines

- OpenAIRE For Literature Repositories (OpenAIRE 3.0) [More info](#)
- OpenAIRE For Literature Repositories (OpenAIRE 2.0) [More info](#)
- OpenAIRE For Literature Repositories (Basic - ex DRIVER) [More info](#)
- OpenAIRE For Data Archives (OpenAIRE 2.0) [More info](#)

[Show Advanced](#)

3 Select parameters

Number of records: All Custom

Set:

Would you like to group your results by a specific record's field?

No Yes

XPath Examples: 1. //header/setSpec 2. //record/metadata/*[name()='dc:language']

[Previous](#)

You will be notified by email with the results of the compatibility test.

[Start validation](#)

Choose from the menu

HOME JOIN OPENAIRE MANAGE YOUR DATASOURCES **TEST COMPATIBILITY** HELP

Run your repository/journal and register it into the OpenAIRE network.

- RUN COMPATIBILITY TESTS**
- BROWSE TEST RESULTS
- SCORE INFORMATION

Finally check results

Test Summary

Repository: https://zenodo.org/oai2d

By: joachim.schirwagen@uni-bielefeld.de

Job Type: Compatibility Test

Validation Set: none

Guidelines: For Literature Repositories (3.0)

Started: 2016-06-11 20:15:56

Ended: 2016-06-11 22:24:15

Duration: 2 hours 8 mins 19 sec

Records Tested: 46315

Score for Content: 100

Score for Usage: 100

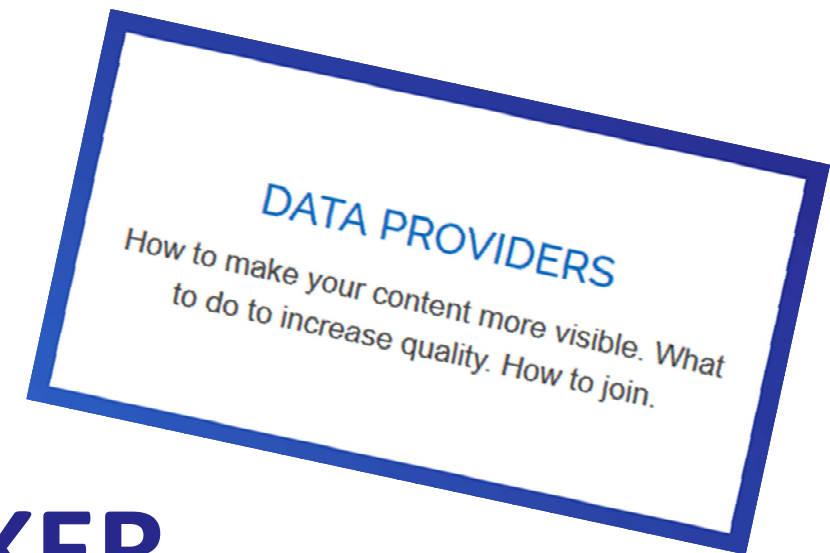
[Download Summary](#)

Rule Name	Rule Description	Rule Weight	# Records	Success
Field Access Level (R)	Use terms from the info:au-repo-access-terms-ontology.	1	4625/4625	✔
Field Alternative Identifier (R)	Use alternative identifier for the publication that is not the primary identifier (necessary when e.g. the DOI of publisher's version, the Publication ID).	5	0/4625	✘
Field Audience (R)	A class of entity may be identified by the creator or the publisher or by a third party.	2	0/4625	✘
Field Contributor (R)	Examples of contributors are a supervisor, editor, editor-in-chief or data collector. The DC element 'contributor' describes the persons that have made contributions to the given scientific output, not as a primary creator or commercial publisher.	2	0/4625	✘

OpenAIRE Information Enrichment

Completion of missing metadata values by the same record from other data providers

- List of author names
- Persistent identifier
- Links between publication and research data
- Links between publication / research data and funded project



NOTIFICATION BROKER

Repositories



(Meta)data and links exchange among different data providers.

OpenAIRE Repository Manager Dashboard

DATA PROVIDERS
How to make your content more visible. What to do to increase quality. How to join.



ONE STOP SHOP FOR ALL OPENAIRE SERVICES.

VALIDATE > REGISTER > SHARE > ENRICH > RE-USE

START HERE

CONNECT AND LINK

If your content is related to any aspect of research, then you should connect to the wider network of scholarly communication resources. This allows more visibility for you, better access for everyone else.

ENRICH YOUR CONTENT

We are a gateway to many other resources and can help you get more content that belongs to your repository via our Broker, or use our text mining services to enrich your metadata. Connect to other resources

LEARN YOUR IMPACT

Your content is used in a variety of ways that may not be visible all the time. Use the OpenAIRE analytics services to get a comprehensive suite of analytics services.

[Details »](#)

OPEN UP FOR TEXT MINING

OA publications are better used through advanced text and data mining processes. Researchers are

[Details »](#)

FUNDERS

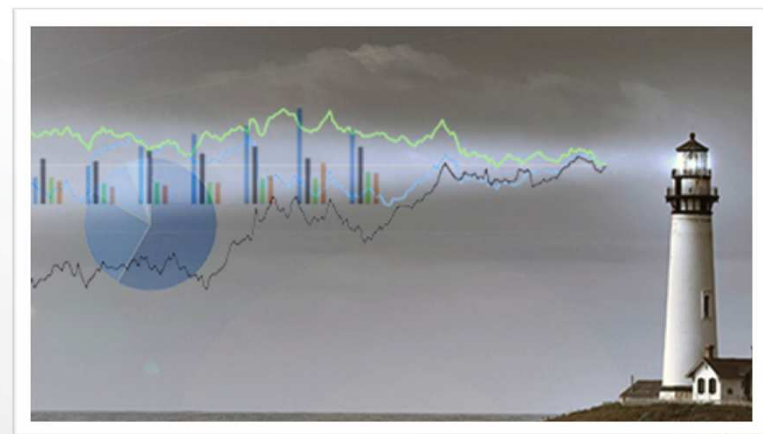
Why align policies and practices. How to monitor and analyze results.

ALIGN OA POLICIES. SYNC INFRASTRUCTURES.





OpenAIRE for Funders



Project funding information in OpenAIRE: overview



Align and support OA policies



Sync infrastructures and Support national e-infrastructures



Guidelines for metadata funding info



Monitor mandate compliance



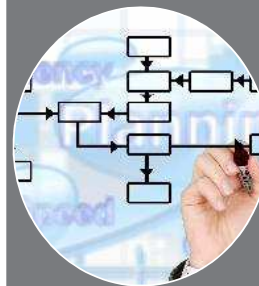
Projects list for repo softwares



Text mining and inference



Statistics and reporting



Analytics and trends



All Search keywords

Publications Research Data Projects People Organizations

FUNDER

NIH (1682692)
NSF (497646)
Fundação pa...
European Co...
NHMRC (243...
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FUNDER

NIH (1682692)
NSF (497646)
Fundação para a Ciênc... (37277)
European Commission (EC) (35527)
NHMRC (24354)
NWO (24180)
Australian Research C... (23012)
Wellcome Trust (WT) (10917)
SFI (4130)
MZOS (2120)
HRZZ (881)
MESTD (777)

2016/11/07

All Search keywords

Publications Research Data Projects People Organization

FUNDER

European Commission
(EC) (193916)
NSF (118817)
Fundação pa...
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DOCUME

English (8879...
Undetermin...
Russian (1512606)
Japanese (1342285)
Spanish, Castilian (656058)
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ACCESS MODE

Open Access (17160264)
Closed Access (79627)

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European Commission (EC) (193916)
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Wellcome Trust (WT) (15499)
Australian Research C... (7941)
NHMRC (5642)

JAIRO (1814297)
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SEARCH FILTERS

[X] Funder: MESTD

REFINE BY

Also funded by

European Commissio... (99)

NSF (35)

Fundação para a Ci... (30)

NIH (11)

NWO (6)

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Funding Stream

MESTD | Basic Res... (868)

MESTD | Integrate... (260)

MESTD | Technologi... (57)

Project

 | 662... (55)

| 8dc... (45)

| 155... (20)

1085 documents, page 1 of 109

1 2 3 4 5 >

Antibacterial Effects of the Essential Oils of Commonly Consumed Medicinal Herbs Using an In Vitro Model.

Dejan Brkić; Van Griensven, Leo J. L. D.; Marina Soković; PETAR D. MARIN; Jasmina Glamočlija (2010)
 Projects: MESTD | Characterization and application of fungal metabolites and assessment of new biofungicides potential (173032)

The chemical composition and antibacterial activity of essential oils from 10 commonly consumed herbs: Citrus aurantium, C. limon, Lavandula angustifolia, Matricaria chamomilla, Mentha piperita, M. spicata, Ocimum basilicum, Origanum vulgare, Thymus vulgaris and Salvia officinalis have been determined. The antibacterial activity of these oils and their main components; i.e. camphor, carvacrol, 1,8-cineole, linalool, linalyl acetate, limonene, menthol, a-pinene, b-pinene, and thymol were assay...

Immunity to melanin and to tyrosinase in melanoma patients, and in people with vitiligo

Đorđić Marija; Matić Ivana Z; Filipović-Lješević Ivana; Džodić Radan; Šašić Miomir; Erić-Nikolić Aleksandra; Vuletić Ana; Kolundžija Branka; Damjanović Ana; Grozdanić Nađa; Nikolić Srđan; Pralica Janko; Dobrosavljević Danijela; Rašković Sanvila; Andrejević Slađana;... (2012)
 Projects: MESTD | Biological response modifiers in physiological and pathological conditions (175011)

Abstract Background The aim of this study was to determine the presence and the intensity of humoral immunity to melanoma-associated antigens: tyrosinase and melanin, in patients with melanoma, in persons with vitiligo and in control healthy people. **Methods** The study involved 63 patients with melanoma and 19 persons with vitiligo. Control group consisted up to 41 healthy volunteers. Mushroom tyrosinase and synthetic melanin were used as the antigens. **Results** ELISA test showed significantly (p

Search

Publications, data, projects, ... 

- all
- publications
- research data
- projects
- people
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- data providers
- Data Providers
- General information



PT National Funder in OpenAIRE – FCT Pilot



FCT
Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA EDUCAÇÃO E CIÊNCIA



FCT in OpenAIRE: what has been done



List of FCT projects
OpenAIRE info space

Text-mining
FCT projects inferred

Results available on the
OpenAIRE portal





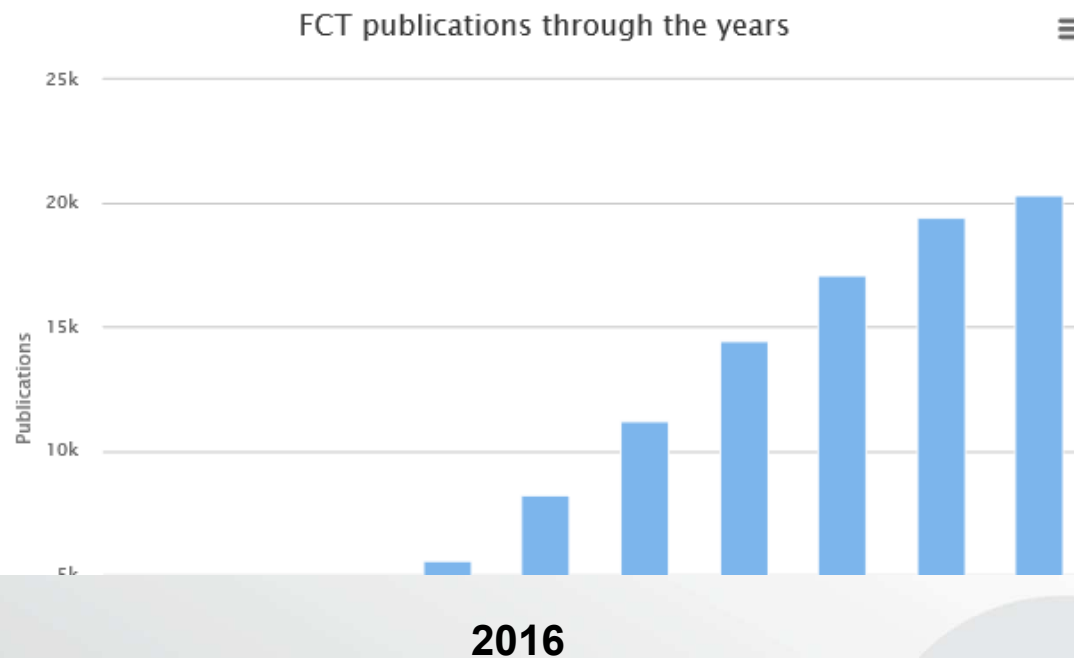
FCT in OpenAIRE: some figures of the process

23,704 publications in 10,926 projects (total of 37,277 projects)

21,944 are OA, 574 are restricted and 179 are still in embargo [Graph](#)

23704
pubs

10926
projects



projects
2000-2015

+

Individual grants
2000-2015

=

37277

OpenAIRE Funders Projects List Add-on



...



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Identifique e projeto financiado pela Comissão Europeia (FP7, H2020, ERC), Fundação para a Ciência e Tecnologia ou Wellcome Trust, para monitorização da política de Acesso Aberto do financiador. Insira o termo de pesquisa (número, nome, acrónimo ou referência) para selecionar o projeto.

Projeto Financiado:

Introduza os nomes de eventuais Patrocinadores

Descrição adicional e comentário

Descrição

241384 - HIPOCIGS - New concepts for high efficiency and low co...
60965 - POCI/ENR/60965/2004 - TURBOWIND_Forecasting the wind pow...
61315 - POCI/AMB/61315/2004 - Prediction of the remediation tim...
56586 - POCI/FIL/56586/2004 - Project Jacques DERRIDA - Languag...
61931 - POCI/MAT/61931/2004 - Geometric evolutions, Stochastic ...
58937 - POCI/QUI/58937/2004 - Photochemistry and Matrix Isolati...
82011 - POCI/DG/QUI/82011/2006 - Porphyrin-Phthalocyanine Syste...
58250 - POCI/CTE-CIN/58250/2004 - Seismotectonics GIS Database ...
61491 - POCI/BIA-BDE/61491/2004 - Comparative phylogeography an...
57082 - POCI/ENR/57082/2004 - Input-output multiobjective model...
58750 - POCI/COM/58750/2004 - Information and persuasion on the...
59837 - POCI/SAU-FCF/59837/2004 - ANTI-LEISHMANIAL DRUGS: study...
59782 - POCI/EAU/59782/2004 - Indirect gas-liquid mass transfer...
56433 - POCI/PSI/56433/2004 - Eating disorders and obesity: CII...
61462 - POCI/FIS/61462/2004 - Synthesis and characterization of

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Resumo

Caso este documento tenha resultado de projetos financiados pela Comissão Europeia (FP7, H2020, ERC), Fundação para a Ciência e Tecnologia (FCT) ou Wellcome Trust (WT), identifique esse(s) projeto(s) neste campo. Esta identificação é regida por um requisito (do(s) financiador(es)). Para identificar o(s) projeto(s) insira um dos seus elementos de identificação (número, nome, acrónimo ou referência) e seleccione-o na lista que lhe será apresentada.

Projeto financiado:

Introduza aqui as designações de Patrocinadores

Introduza aqui mais informação de informações adicionais


641553 - HITECA - technology development and fabrication of Hig...
237039 - PHOTORCA - Photoregulated organocatalysis - From caged...
233157 - MECHANOCHEM SWITCHES - Switching the structure-functio...
285952 - SOLARGAIN - Low-cost switchable reflective polymeric s...
219291 - LIGHTSWITCHES - Multifunctional DNA light-switches: se...
219828 - LIGHT INDUCED SWITCH - Nanoporous Materials and Supram...
200431 - INNOSHADE - Innovative Switchable Shading Appliances b...
324495 - SWITCH-HD - Switching the disease off: Effects of spat...
328078 - NANOSCOPE - Mastering novel switchable molecular mater...
328893 - SINGLE-MOLEC-SWITCH - Developing single-molecule switc...

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Comentários e sugestões



Co-funded publications

 [Assessing connectivity in coastal systems as a tool for fish management and conservation](#)

Santos, Patrick Reis, 1979- (2013)

Languages: English

Types: Doctoral thesis

Subjects: [Agriculture, Veterinary](#)  [Automatic concept recognition using the Human Phenotype Ontology reference](#)

Funding

Go to: ▾

T.G. gratefully acknowledges the support by the Australian Research Council Discovery Early Career Researcher Award (ARC DECRA DE120100508). N.C. gratefully acknowledges the support of the Marie Curie (PI: Phenominer, grant number 301806). A.O. and D.S. kindly acknowledge the support by the Wellcome Trust grant (098051) and National Institutes of Health grant (NIH) (1 U54 HG006370-01). F.M.C. gratefully acknowledges the support by the Portuguese FCT through the LASIGE Strategic Project (PEst-OE/EEI/UI0408/2014) and SOMER project (PTDC/EIA-EIA/119119/2010). G.B. acknowledges the RD-Connect FP7 grant (EU: 205444 RD-Connect), the corresponding NHMRC-EU grant (NHMRC: APP1055319) and the Raine Clinician Research Fellowship (201401). P.N.R. acknowledges the supported by the Bundesministerium für Bildung und Forschung (BMBF 0313911). Funding for open charge: Australian Research Council - Discovery Early Career Researcher Award (DE120100508).



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[FCT | PTDC/EIA-EIA/119119/2010](#) 

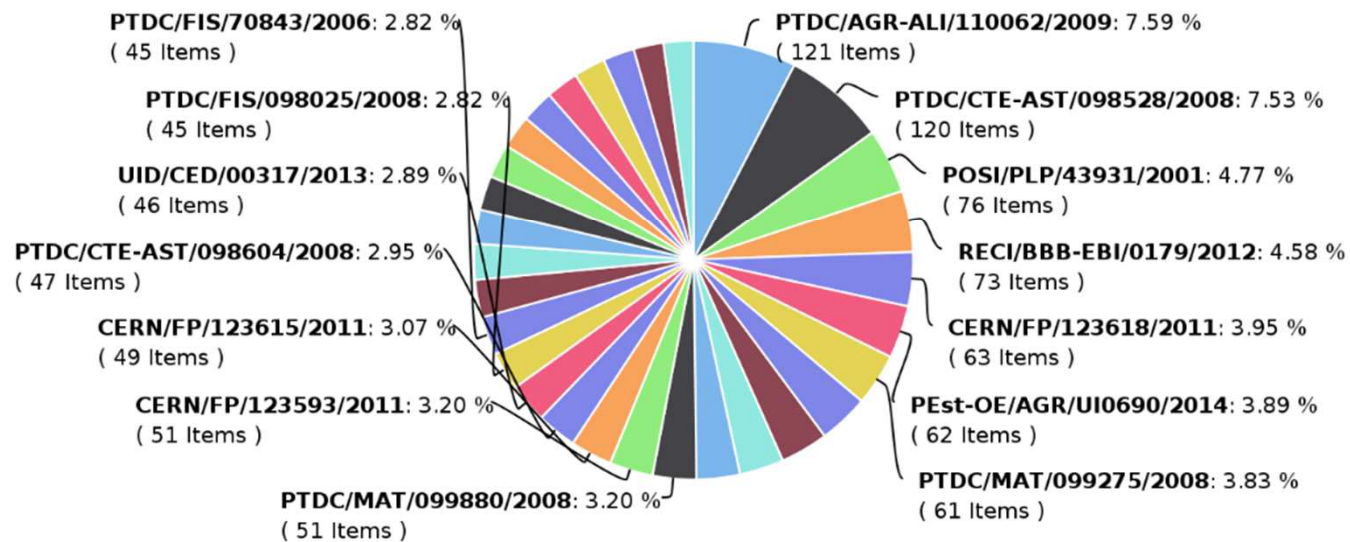
[ARC | A framework for building dy...](#) 

[EC | PHENOMINER](#) 

Monitor and reporting: statistics service, portal info



FCT Publications by project (top 30)





HELPDESK

Ask a question

FAQs



RESOURCES

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Copyright Issues

H2020 factsheets



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TENDERS

Attracting SMEs & young
investigators

Tenders on different topics

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 - Enhancing repository infrastructure
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- **World-wide outreach**
 1. 60K for innovative/open peer review services
 2. 80 K (upcoming) for innovative services on top of OpenAIRE data

Thank you!



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