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Facilitate Open Science Training for European Research



University of Malta  
L-Università ta' Malta



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# Open Access in H2020 and the OpenAIRE Infrastructure



# Overview

1. From FP7 to H2020
2. Summary of H2020 requirements
3. Practical implementation
4. OpenAIRE support services and resources



# EC OA Mandate Progression

## FP7 OA Pilot (2008)

- Grant agreement SC39
- 20% programme areas
- Deposit in Repositories
- ERC's OA Guidelines: Deposit in discipline (or institutional) repositories. Cap embargo.

## Horizon 2020 (2014)

- All grant agreements
- 100% programme areas
- Deposit in Repositories
- Open Data Pilot



# How was Open Access implemented in FP7?

General framework: EC and ERC Guidelines

## SPECIAL CLAUSE 39

## IN GRANT



- Best effort to achieve open access to publications
- Choice between the two routes: GREEN and GOLD OA
- Deposit in repository is obligatory (through author or publisher)
- Maximum embargo of 6 months (science, technology, medicine) and 12 months (humanities and social sciences)
- Support provided by OpenAIRE, IPR Helpdesk, others
- Support activities developed during the running of FP7

# What changes in Horizon2020?

## Update of Guidelines

- New clauses in Grant Agreements
  - OA to publications is mandatory for all projects
  - OA to data piloted for 7 selected areas
- Member States are requested to develop and align national OA policies and infrastructure



# Multi- beneficiary General Model Grant Agreement

29.2 Open access  
to scientific  
publications;  
29.3 Open access  
to research data





# Grant Agreement: § 29.2 Open access to scientific publications

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

In particular, it must:

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

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

(b) ensure open access to the deposited publication – via the repository – at the latest:

(i) on publication, if an electronic version is available for free via the publisher, or

(ii) within six months of publication (twelve months for publications in the social sciences and humanities) in any other case.

(c) ensure open access – via the repository – to the bibliographic metadata that identify the deposited publication.

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.





# What are the general Open Access requirements and who is covered by them?



- All beneficiaries of H2020 funding must provide open access (free of charge, online access for any user) to all peer-reviewed publications by **depositing them into a repository**



[http://ec.europa.eu/research/participants/data/ref/h2020/mga/gga/h2020-mga-gga-multi\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/mga/gga/h2020-mga-gga-multi_en.pdf)

# In other words...

- Authors are free to choose between the two main and non-exclusive routes toward Open Access
  - **Self-archiving (,green‘ open access)**: the published article or the final peer reviewed manuscript is uploaded in an online repository - access is often delayed (,embargo period‘)
  - **Open access publishing (,gold‘ open access)**: the article is immediately in open access mode, through the publisher. Eventual associated costs are covered by the author/institution/funder.



The **article must always be deposited in a repository**, even if the gold route has been chosen.

# Where to deposit?



- **Institutional repository**

OR

- **Disciplinary repository** (arXiv, Europe PubMed Central, etc.)

OR

- **Zenodo** ([www.zenodo.org](http://www.zenodo.org)) if none of the above is available - a EC-cofunded, multidisciplinary repository, for publications & data

Remarks:

- Finding a repository via registries: ROAR <http://roar.eprints.org/>, OpenDOAR <http://www.opendoar.org/> or via OpenAIRE (more details later)
- A list of publications on the project website is not sufficient.
- How to bring all publications together? OpenAIRE-compatibility to enable the harvesting of metadata (more details later)

# What to deposit?



- The **final peer-reviewed manuscript**, accepted for publication, including all modifications from the peer-review process

OR

- A machine-readable copy of the **published version** (usually a PDF document)

In principle this applies to all kinds of publications, but emphasis is on peer-reviewed journal articles.

# When to deposit?



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

# When should open access be provided?



- Open access must be ensured **immediately or after an embargo period**:
  - **GREEN** - 6-12 months depending on the research area and the choice of journal
  - **GOLD** - immediately

# Are there metadata requirements on repository deposition?

Beneficiaries must ensure immediate open access to the bibliographic metadata that identify the deposited publication 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.

# Are Author Processing Charges (APCs) supported?

Yes

- For open access publishing, researchers can publish in open access 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.



# What are the consequences for non-compliance with OA requirements?

- If a beneficiary breaches any of its obligations, the grant may be reduced (Article 43) and it may also lead to any of the other measures described in [Chapter 6 of the General Model Grant Agreement](#).



[http://ec.europa.eu/research/participants/data/ref/h2020/mga/gga/h2020-mga-gga-multi\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/mga/gga/h2020-mga-gga-multi_en.pdf)

# What are projects expected to do?

Projects have to start planning early on

- **During proposal writing phase**
  - Outline of dissemination and exploitation strategy, including OA >> impact section of the proposal (how will results be shared, data be managed and shared?)
  - Include resources for publication costs (what journals, how many publications, what does it cost on average?)
  - Combine GREEN/GOLD strategies to achieve maximum of OA
- **During the project**
  - Additional provisions in the Consortium Agreement? (where to deposit, who is responsible)
  - Implementation of the dissemination strategy, report at reviews and update
  - What issues occur and how can they be solved? (publisher embargos, repositories for specific material, etc.)
- **After the project end**
  - Are there publications foreseen after the ending of the project (ie which will not be covered by the budget) ?
  - Who takes care of deposit in repositories after the project end?

# Publication costs

**Dissemination costs**, e.g. for publishing in open access journals/books, are eligible costs if incurred during the project period.

What budget to consider in proposals?

APC = Article Processing Charges

**Budget for Publications = Average APC x number of publications**

Method 1: Average APC based on list of journals used by the consortium (look up prices at publisher website and/or consult librarian)

Method 2: Average APC based on general market figures (see next slide)

# Average APC?

Björk/Solomon estimated (2014) the average price of Article Processing Charges (APC)


- for established **open access journals** at ca. **1,020 EUR** and
- for **hybrid journals** (subscription journal with OA option for individual articles) at ca. **1,980 EUR**

Both types of OA publication costs can be reimbursed in H2020 projects.

# Further information

## EC SUPPORT INFO

- ✓ **EC Open Access Factsheet:**
  - [https://ec.europa.eu/programmes/horizon2020/sites/horizon2020/files/FactSheet\\_Open\\_Access.pdf](https://ec.europa.eu/programmes/horizon2020/sites/horizon2020/files/FactSheet_Open_Access.pdf)
- ✓ **Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020**
  - [http://ec.europa.eu/research/participants/data/ref/h2020/grants\\_manual/hi/oa\\_pilot/h2020-hi-oa-pilot-guide\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf)




9 December 2013

### Fact sheet: Open Access in Horizon 2020

**What is open access?**

Open access can be defined as the practice of providing on-line access to scientific information that is free of charge to the end-user. In the context of R&D, 'scientific information' can refer to peer-reviewed scientific research articles (published in academic journals) and also to scientific research data (data underlying publications, curated data and/or raw data). Open access is not a requirement to publish, as researchers are free to publish or not, nor does it interfere with the decision to exploit research results commercially e.g. through patenting. Indeed, the decision on whether to publish open access documents must come after the more general decision on whether to go for a publication directly or to seek first protection using Intellectual Property Rights<sup>1</sup>. This is illustrated by the graphic below:



Two main and non-mutually exclusive routes towards open access to publications exist:

- **Self-archiving** (also called 'Green' open access) means that the published article or the final peer-reviewed manuscript is archived by the researcher – or a representative – in an online repository before, after, or alongside its publication. Access to the article is often – but not necessarily – delayed (embargo period) as some scientific publishers may wish to recoup their investment by selling subscriptions and charging pay-per-download/view fees during an exclusivity period.

<sup>1</sup> More information on this issue is available in the European IPR Helpdesk fact sheet 'Publishing vs. patenting'.

Prevention of plagiarism

# OpenAIRE

**OPEN ACCESS** INFRASTRUCTURE

for research in Europe

[www.openaire.eu](http://www.openaire.eu)

**From a pilot in FP7**

**to a key service in H2020**

Science. **Set free.**

11,456,839 publications and 7,314 datasets from 5,862 repositories and OA journals

**OpenAIRE**

Dec. 2009 - Nov. 2012

**OpenAIREplus**

Dec. 2011 – Dec. 2014

**OpenAIRE2020**

Jan. 2015 a Jun. 2018

# SCIENCE SET FREE

**Share research outputs.  
Shape a better future!**



SUPPORTING THE EC'S  
HORIZON 2020 OPEN  
ACCESS MANDATE  
AND OPEN RESEARCH  
DATA PILOT

OpenAIRE is a European **community** and **service-driven infrastructure** that enables Open Science - implementing **Open Access policies** to all research results. It is a **Pan-European Research Information System** with services for discovering, storing, linking, analyzing & monitoring all research outputs across all scientific disciplines.

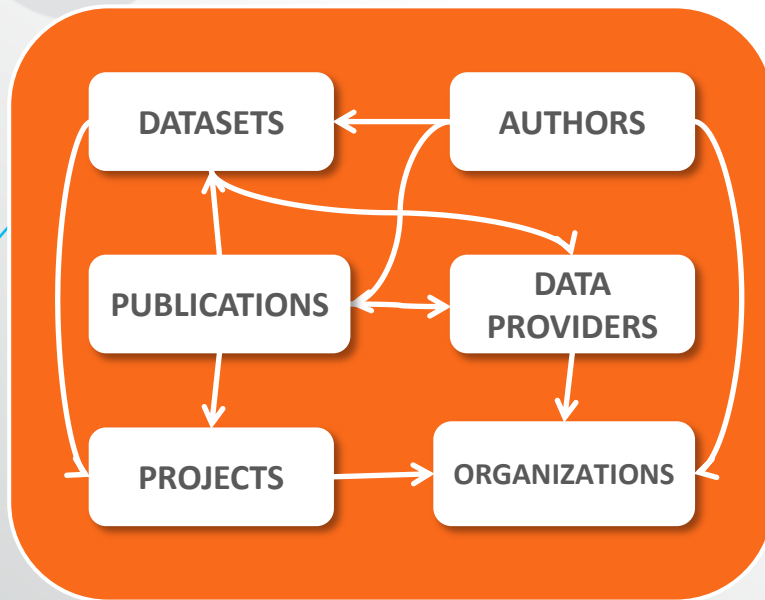
**50 ORGANISATIONS.  
ALL EUROPE'S MEMBER STATES, AND BEYOND.**

**SHARE  
RESEARCH.  
SHAPE A  
BETTER  
FUTURE.**

Open Access to  
research results  
benefits everyone.



# Integrated Scientific Information System



**+ 11 millions publications**  
**+ 600 data providers**  
**+116000 publications linked to projects from 3 funders (CE e Wellcome Trust + FCT)**  
**+7000 datasets linked to publications**  
**+33000 organizations**



# OpenAIRE in practice

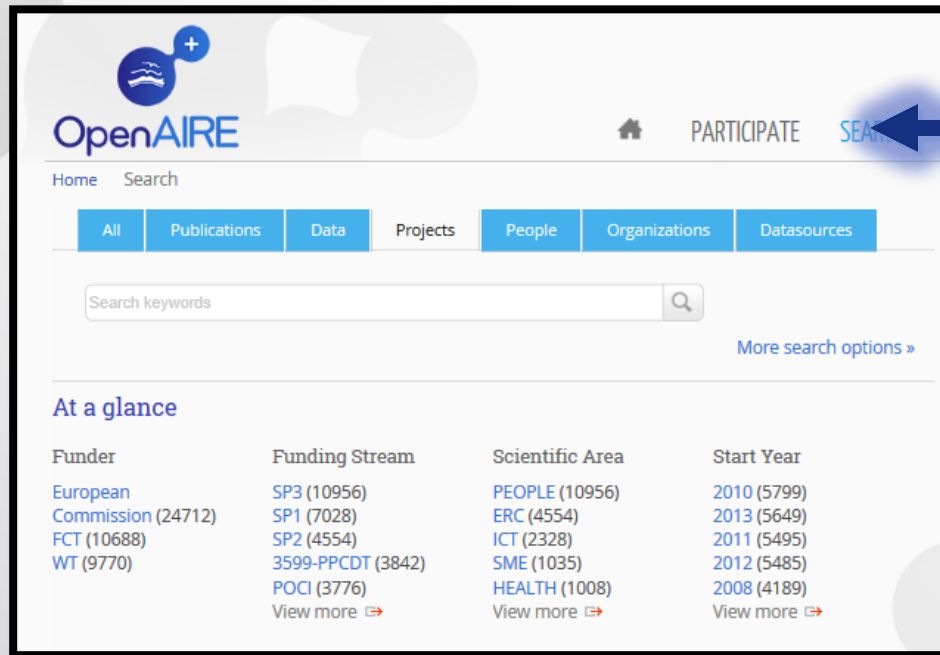
OpenAIRE Portal





# OpenAIRE OPENAIRE PORTAL

Information on publications, datasets, authors, projects, organizations, datasources...



OpenAIRE

Home Search

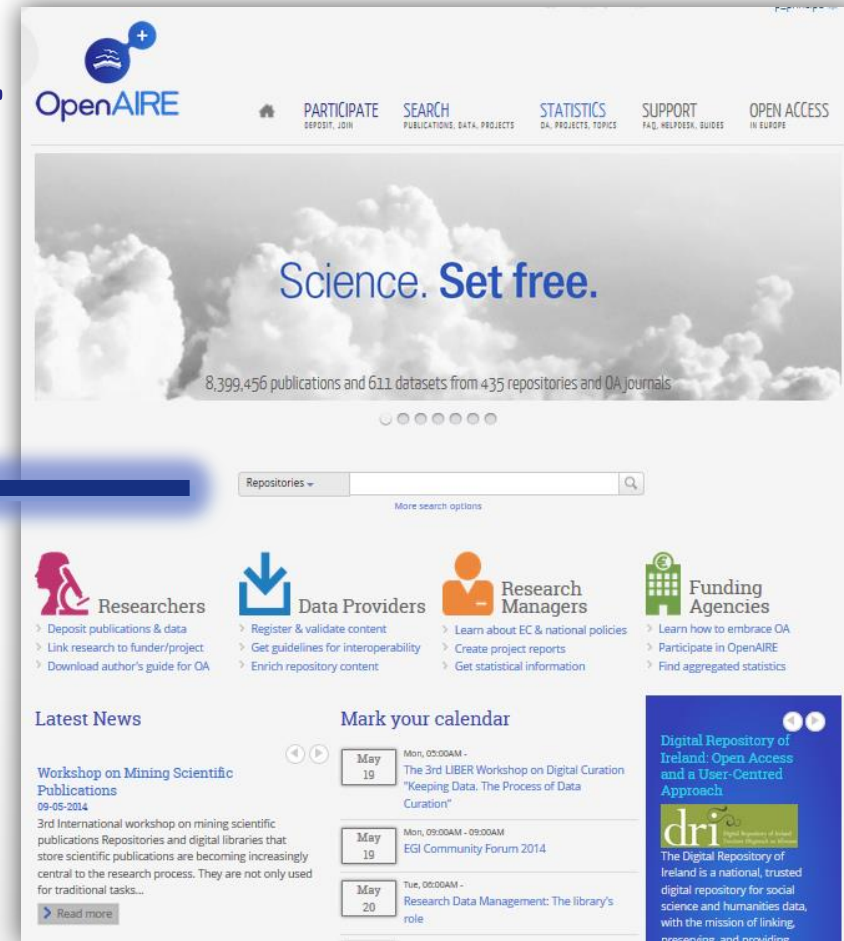
All Publications Data Projects People Organizations Datasources

Search keywords

More search options »

### At a glance

Funder	Funding Stream	Scientific Area	Start Year
European Commission (24712)	SP3 (10956)	PEOPLE (10956)	2010 (5799)
FCT (10688)	SP1 (7028)	ERC (4554)	2013 (5649)
WT (9770)	SP2 (4554)	ICT (2328)	2011 (5495)
	3599-PPCDT (3842)	SME (1035)	2012 (5485)
	POCI (3776)	HEALTH (1008)	2008 (4189)
	<a href="#">View more</a>	<a href="#">View more</a>	<a href="#">View more</a>



OpenAIRE

PARTICIPATE DEPOSIT, JOIN | SEARCH PUBLICATIONS, DATA, PROJECTS | STATISTICS DA, PROJECTS, TOPICS | SUPPORT FAQ, HELPDESK, GUIDES | OPEN ACCESS IN EUROPE

## Science. Set free.

8,399,456 publications and 611 datasets from 435 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

### Latest News

**Workshop on Mining Scientific Publications**  
09-05-2014

3rd International workshop on mining scientific publications Repositories and digital libraries that store scientific publications are becoming increasingly central to the research process. They are not only used for traditional tasks...

[Read more](#)

### Mark your calendar

- May 19 Mon, 09:00AM - The 3rd LIBER Workshop on Digital Curation "Keeping Data. The Process of Data Curation"
- May 19 Mon, 09:00AM - 09:00AM EGI Community Forum 2014
- May 20 Tue, 09:00AM - Research Data Management: The library's role

**Digital Repository of Ireland: Open Access and a User-Centred Approach**

**dri**

The Digital Repository of Ireland is a national, trusted digital repository for social science and humanities data, with the mission of linking, preserving, and providing

[www.openaire.eu](http://www.openaire.eu)

# OpenAIRE Services and tools – Content

OpenAIRE HOME PARTICIPATE SEARCH

Home | Search | Find | projects

**All** | Publications | Data | Projects | People | Organizations | Datasources

Search keywords

Articles  Books  Theses  Reports [More search options >](#)

### At a glance

Document Type	Document Language	Funder	Funding Stream
Article (8158980)	English (6797134)	European	Cooperation (51064)
Unknown (1093964)	Undetermined (1429671)	Commission (101599)	Ideas (25567)
Preprint (371458)	Russian (551716)	Wellcome Trust (10674)	People (20209)
Doctoral thesis (337435)	Spanish (406309)	FCT (6759)	Capacities (10091)
Conference object (321764)	Spanish; Castilian (333643)		Molecules, Genes and ... (3632)
<a href="#">View more &gt;</a>	<a href="#">View more &gt;</a>		<a href="#">View more &gt;</a>

Scientific Area	Publication Year	Access Mode	Datasource
ERC (25567)	2012 (1030801)	Open Access (11066506)	Europe PubMed
PEOPLE (20209)	2013 (1004789)	Restricted (313239)	Central (3017148)
ICT (15890)			

OpenAIRE HOME PARTICIPATE SEARCH

**All** | Publications | Data | Projects | People | Organizations | Datasources

Search keywords

### At a glance

Dataset Type	Dataset Language	Funder	Funding Stream
Dataset (7184)	Undetermined (6824)	European	Cooperation (2830)
Software (69)	English (457)	Commission (2887)	Ideas (51)
Audiovisual (14)	German (14)		People (5)
Film (1)	French (11)		Capacities (2)
Service (1)	Italian (4)		
	<a href="#">View more &gt;</a>		


Scientific Area	Publication Year	Access Mode	Datasource
ENV (2828)	2014 (2446)	Open Access (6158)	PANGAEA (4495)
ERC (51)	2013 (1239)	Closed Access (1154)	Unknown
PEOPLE (5)	2012 (933)	Embargo (1)	Repository (1668)
SPA (2)	2011 (678)	Restricted (1)	Zenodo (639)
INFRA (2)	2015 (476)		DRYAD (220)
	<a href="#">View more &gt;</a>		UK.Data Archive (193)
			<a href="#">View more &gt;</a>

Home | Search | Find

**All** | Publications | Data | Projects | People | Organizations | Datasources

Search keywords

# Services and tools – PROJECTS



## SWITCHBOX

SC9

TITLE	Switchbox: Maintaining health in old age through homeostasis
FUNDER	FP7
FUNDING STREAM	SP1
SCIENTIFIC AREA	HEALTH
CALL	FP7-HEALTH-2010-two-stage
CONTRACT (GA) NUMBER	259772
START DATE	01/02/2011
END DATE	31/01/2015
SPECIAL CLAUSE 39	yes
ORGANIZATIONS	UMINHO, IEM HAS, MPG, CNRS, LUMC, LMU MUENCHEN
MORE INFORMATION	<a href="#">Detailed project information (CORDIS)</a>

Publications
Data
Statistics

[view all 30](#)

**Mood is a key determinant of cognitive performance in community-dwelling older adults: a cross-sectional analysis**

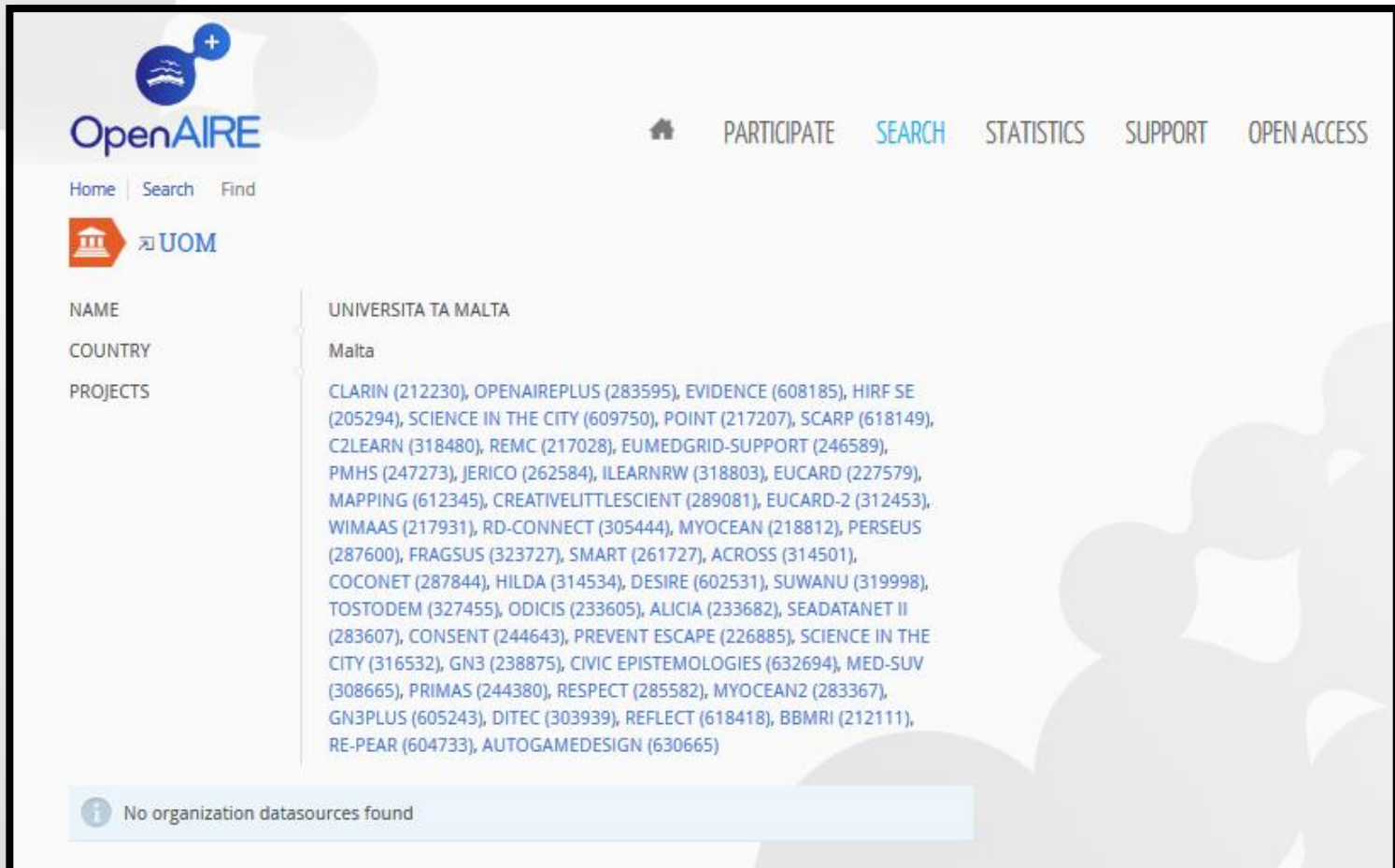
### App Box

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

Link Research Results

Deposit Publications

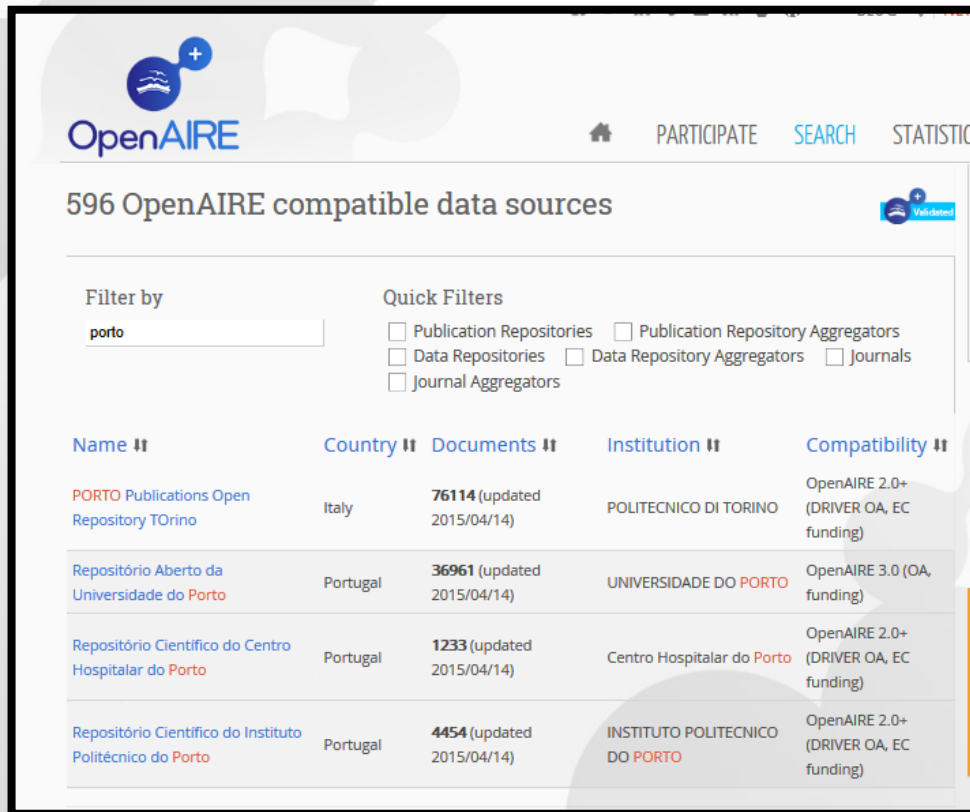
# Services and tools – ORGANISATIONS




The screenshot shows the OpenAIRE website interface. At the top left is the OpenAIRE logo. To the right are navigation links: Home, Search, Find, PARTICIPATE, SEARCH, STATISTICS, SUPPORT, and OPEN ACCESS. Below the navigation is a search bar containing the text 'UOM'. The search results are displayed in a table format:

NAME	UNIVERSITA TA MALTA
COUNTRY	Malta
PROJECTS	CLARIN (212230), OPENAIREPLUS (283595), EVIDENCE (608185), HIRF SE (205294), SCIENCE IN THE CITY (609750), POINT (217207), SCARP (618149), C2LEARN (318480), REMC (217028), EUMEDGRID-SUPPORT (246589), PMHS (247273), JERICO (262584), ILEARNRW (318803), EUCARD (227579), MAPPING (612345), CREATIVELITTLESCIENT (289081), EUCARD-2 (312453), WIMAAS (217931), RD-CONNECT (305444), MYOCEAN (218812), PERSEUS (287600), FRAGSUS (323727), SMART (261727), ACROSS (314501), COCONET (287844), HILDA (314534), DESIRE (602531), SUWANU (319998), TOSTODEM (327455), ODICIS (233605), ALICIA (233682), SEADATANET II (283607), CONSENT (244643), PREVENT ESCAPE (226885), SCIENCE IN THE CITY (316532), GN3 (238875), CIVIC EPISTEMOLOGIES (632694), MED-SUV (308665), PRIMAS (244380), RESPECT (285582), MYOCEAN2 (283367), GN3PLUS (605243), DITEC (303939), REFLECT (618418), BBMRI (212111), RE-PEAR (604733), AUTOGAMEDESIGN (630665)

At the bottom of the search results area, there is a light blue box with an information icon and the text: "No organization datasources found".



OpenAIRE [PARTICIPATE](#) [SEARCH](#) [STATISTICS](#)

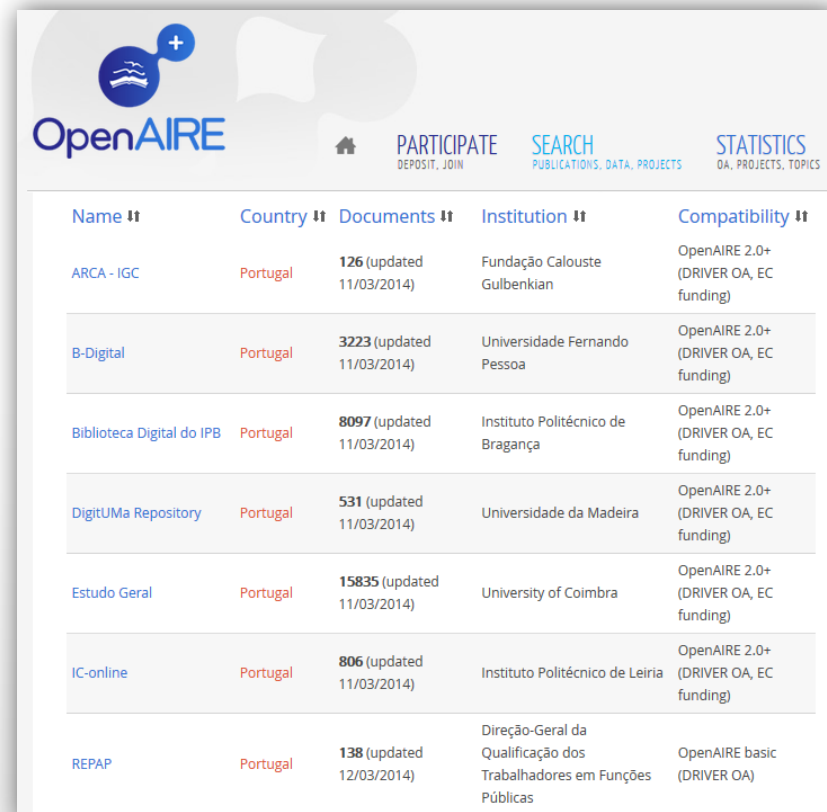
596 OpenAIRE compatible data sources 

Filter by

Quick Filters

- Publication Repositories
- Publication Repository Aggregators
- Data Repositories
- Data Repository Aggregators
- Journals
- Journal Aggregators

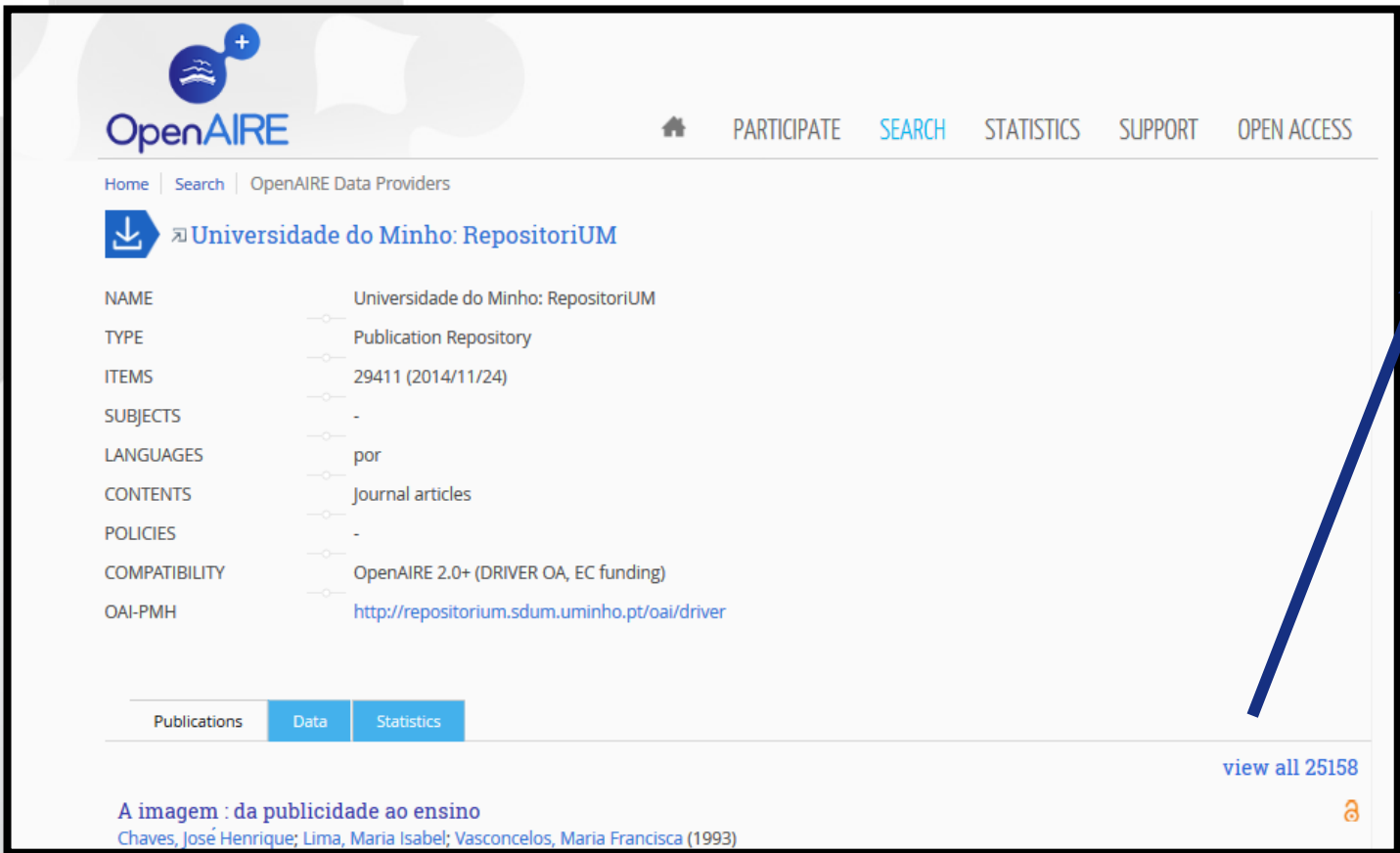
Name	Country	Documents	Institution	Compatibility
<a href="#">PORTO Publications Open Repository TORino</a>	Italy	76114 (updated 2015/04/14)	POLITECNICO DI TORINO	OpenAIRE 2.0+ (DRIVER OA, EC funding)
<a href="#">Repositório Aberto da Universidade do Porto</a>	Portugal	36961 (updated 2015/04/14)	UNIVERSIDADE DO PORTO	OpenAIRE 3.0 (OA, funding)
<a href="#">Repositório Científico do Centro Hospitalar do Porto</a>	Portugal	1233 (updated 2015/04/14)	Centro Hospitalar do Porto	OpenAIRE 2.0+ (DRIVER OA, EC funding)
<a href="#">Repositório Científico do Instituto Politécnico do Porto</a>	Portugal	4454 (updated 2015/04/14)	INSTITUTO POLITECNICO DO PORTO	OpenAIRE 2.0+ (DRIVER OA, EC funding)



OpenAIRE [PARTICIPATE](#) [SEARCH](#) [STATISTICS](#)

DEPOSIT, JOIN PUBLICATIONS, DATA, PROJECTS OA, PROJECTS, TOPICS

Name	Country	Documents	Institution	Compatibility
<a href="#">ARCA - IGC</a>	Portugal	126 (updated 11/03/2014)	Fundação Calouste Gulbenkian	OpenAIRE 2.0+ (DRIVER OA, EC funding)
<a href="#">B-Digital</a>	Portugal	3223 (updated 11/03/2014)	Universidade Fernando Pessoa	OpenAIRE 2.0+ (DRIVER OA, EC funding)
<a href="#">Biblioteca Digital do IPB</a>	Portugal	8097 (updated 11/03/2014)	Instituto Politécnico de Bragança	OpenAIRE 2.0+ (DRIVER OA, EC funding)
<a href="#">DigitUMa Repository</a>	Portugal	531 (updated 11/03/2014)	Universidade da Madeira	OpenAIRE 2.0+ (DRIVER OA, EC funding)
<a href="#">Estudo Geral</a>	Portugal	15835 (updated 11/03/2014)	University of Coimbra	OpenAIRE 2.0+ (DRIVER OA, EC funding)
<a href="#">IC-online</a>	Portugal	806 (updated 11/03/2014)	Instituto Politécnico de Leiria	OpenAIRE 2.0+ (DRIVER OA, EC funding)
<a href="#">REPAP</a>	Portugal	138 (updated 12/03/2014)	Direção-Geral da Qualificação dos Trabalhadores em Funções Públicas	OpenAIRE basic (DRIVER OA)



OpenAIRE

Home | Search | OpenAIRE Data Providers

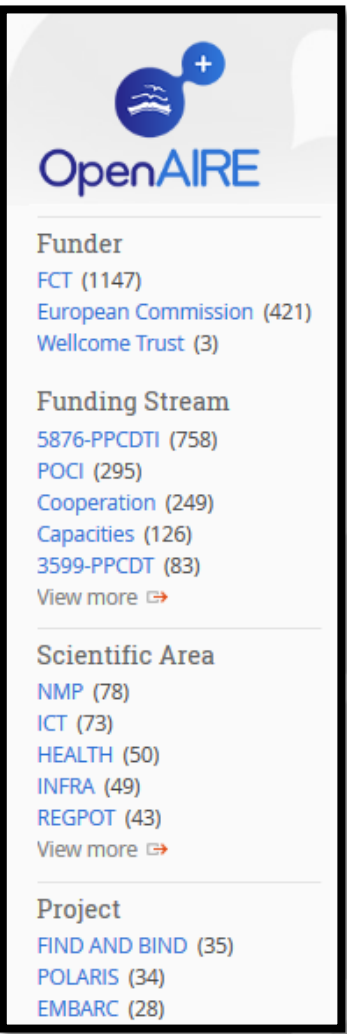
Universidade do Minho: RepositoriUM

NAME	Universidade do Minho: RepositoriUM
TYPE	Publication Repository
ITEMS	29411 (2014/11/24)
SUBJECTS	-
LANGUAGES	por
CONTENTS	Journal articles
POLICIES	-
COMPATIBILITY	OpenAIRE 2.0+ (DRIVER OA, EC funding)
OAI-PMH	<a href="http://repositorium.sdum.uminho.pt/oai/driver">http://repositorium.sdum.uminho.pt/oai/driver</a>

Publications | **Data** | Statistics

[view all 25158](#)

A imagem : da publicidade ao ensino  
Chaves, José Henrique; Lima, Maria Isabel; Vasconcelos, Maria Francisca (1993)



OpenAIRE

**Funder**  
FCT (1147)  
European Commission (421)  
Wellcome Trust (3)

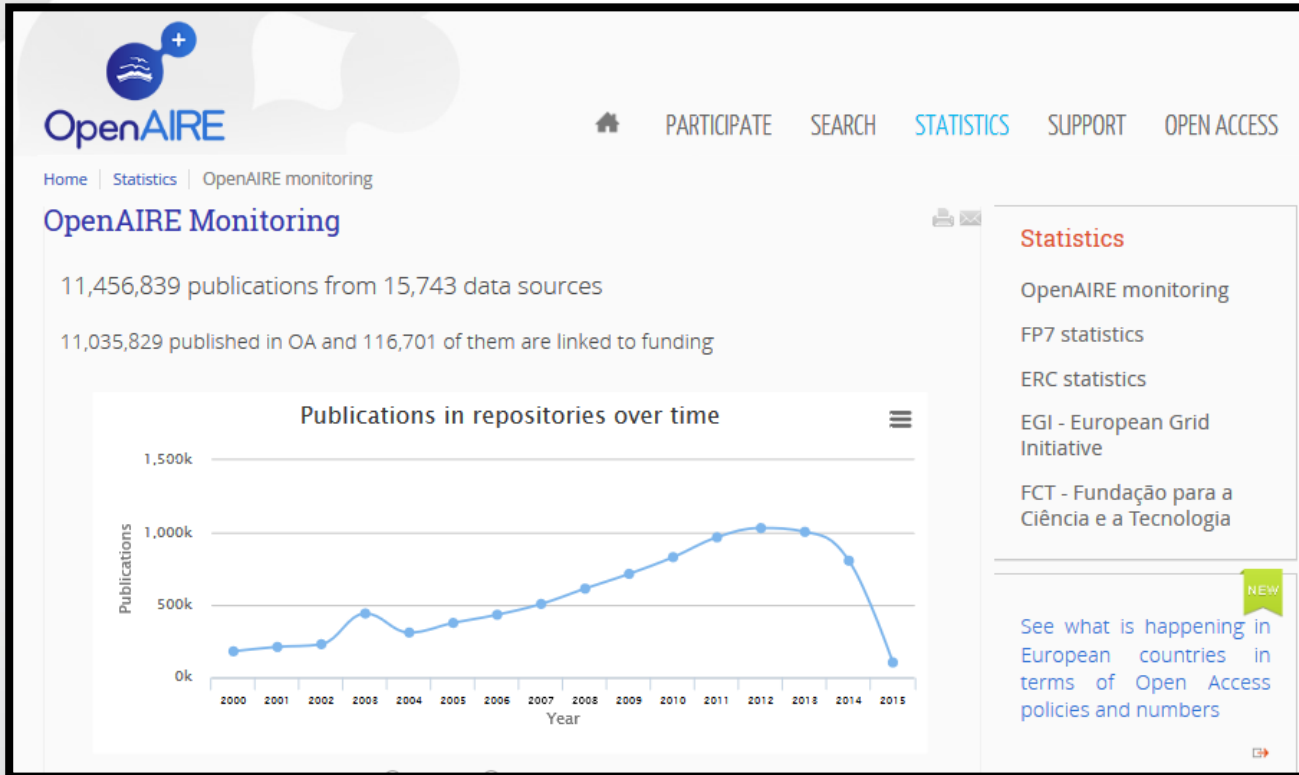
**Funding Stream**  
5876-PPCDTI (758)  
POCI (295)  
Cooperation (249)  
Capacities (126)  
3599-PPCDT (83)  
[View more](#)

**Scientific Area**  
NMP (78)  
ICT (73)  
HEALTH (50)  
INFRA (49)  
REGPOT (43)  
[View more](#)

**Project**  
FIND AND BIND (35)  
POLARIS (34)  
EMBARC (28)

## Example: RepositoriUM in OpenAIRE





The screenshot shows the OpenAIRE Monitoring Statistics page. At the top, there is a navigation menu with links for Home, Statistics, OpenAIRE monitoring, PARTICIPATE, SEARCH, STATISTICS (highlighted), SUPPORT, and OPEN ACCESS. Below the navigation, the page title is "OpenAIRE Monitoring". The main content area displays two statistics: "11,456,839 publications from 15,743 data sources" and "11,035,829 published in OA and 116,701 of them are linked to funding". A line graph titled "Publications in repositories over time" shows the number of publications from 2000 to 2015. The y-axis is labeled "Publications" and ranges from 0k to 1,500k. The x-axis is labeled "Year" and ranges from 2000 to 2015. The graph shows a steady increase in publications from 2000 to 2012, peaking at approximately 1,000k, followed by a sharp decline in 2015. A sidebar on the right contains a "Statistics" section with links to "OpenAIRE monitoring", "FP7 statistics", "ERC statistics", "EGI - European Grid Initiative", and "FCT - Fundação para a Ciência e a Tecnologia". A "NEW" badge is visible next to the "See what is happening in European countries in terms of Open Access policies and numbers" link.

OpenAIRE

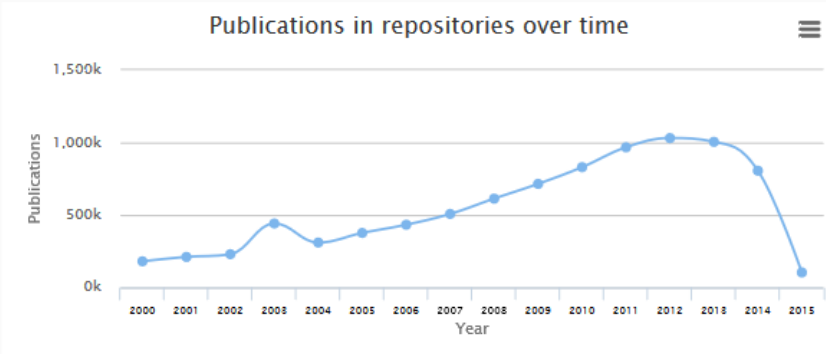
Home | Statistics | OpenAIRE monitoring

## OpenAIRE Monitoring

11,456,839 publications from 15,743 data sources

11,035,829 published in OA and 116,701 of them are linked to funding

### Publications in repositories over time



Year	Publications (k)
2000	150
2001	200
2002	250
2003	450
2004	300
2005	400
2006	450
2007	500
2008	600
2009	700
2010	800
2011	950
2012	1000
2013	1000
2014	800
2015	100

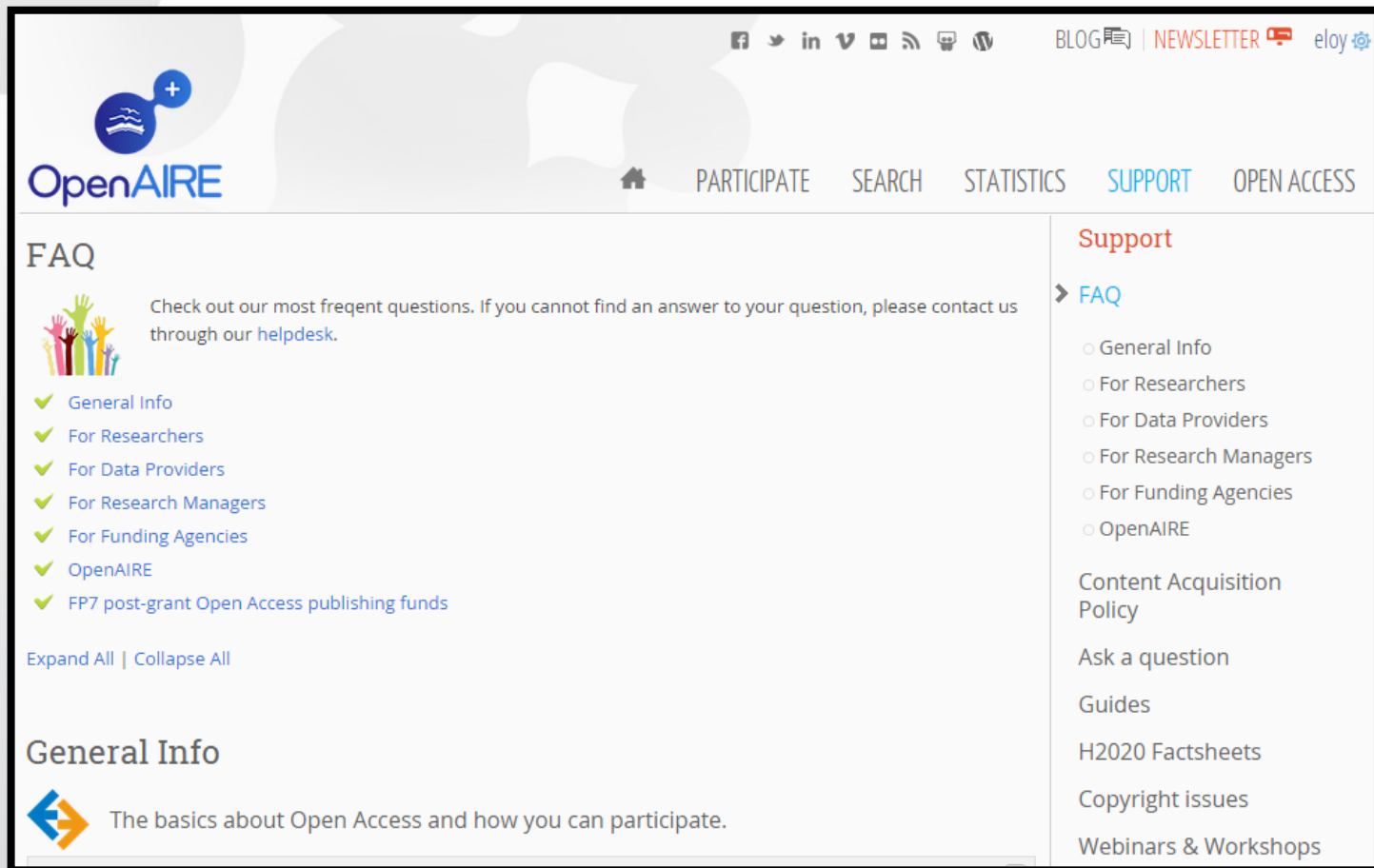
Statistics

- OpenAIRE monitoring
- FP7 statistics
- ERC statistics
- EGI - European Grid Initiative
- FCT - Fundação para a Ciência e a Tecnologia

**NEW**

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

# Services and tools – Support information and Helpdesk



The screenshot shows the OpenAIRE website's support page. At the top, there is a navigation bar with the OpenAIRE logo, a home icon, and links for PARTICIPATE, SEARCH, STATISTICS, SUPPORT, and OPEN ACCESS. Social media icons for Facebook, Twitter, LinkedIn, YouTube, and RSS are also present. In the top right corner, there are links for BLOG, NEWSLETTER, and a user profile icon labeled 'eloy'.

The main content area is divided into two columns. The left column is titled 'FAQ' and features an icon of colorful hands. Below the icon, there is a paragraph: 'Check out our most frequent questions. If you cannot find an answer to your question, please contact us through our [helpdesk](#).' A list of categories follows, each with a green checkmark: General Info, For Researchers, For Data Providers, For Research Managers, For Funding Agencies, OpenAIRE, and FP7 post-grant Open Access publishing funds. At the bottom of this section, there are links for 'Expand All' and 'Collapse All'.

The right column is titled 'Support' and features a blue arrow icon next to the 'FAQ' link. Below this, there is a list of support topics: General Info, For Researchers, For Data Providers, For Research Managers, For Funding Agencies, and OpenAIRE. Further down, there are links for Content Acquisition Policy, Ask a question, Guides, H2020 Factsheets, Copyright issues, and Webinars & Workshops.



# OpenAIRE in practice

## Deposit

Locate a Repository >> Zenodo >> Claim publication >> Project Identification

## Project view

Project report >> Project dissemination >> Project statistics





OpenAIRE



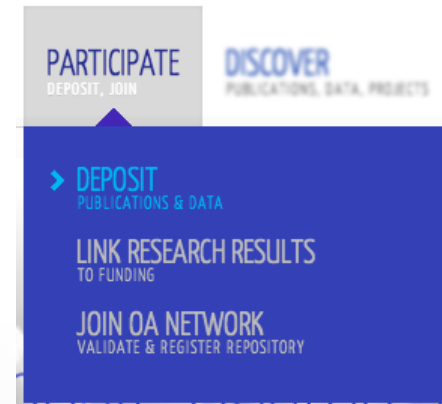
**Deposit the final manuscript or publisher's PDF  
in a repository, either institutional or  
disciplinary.**

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

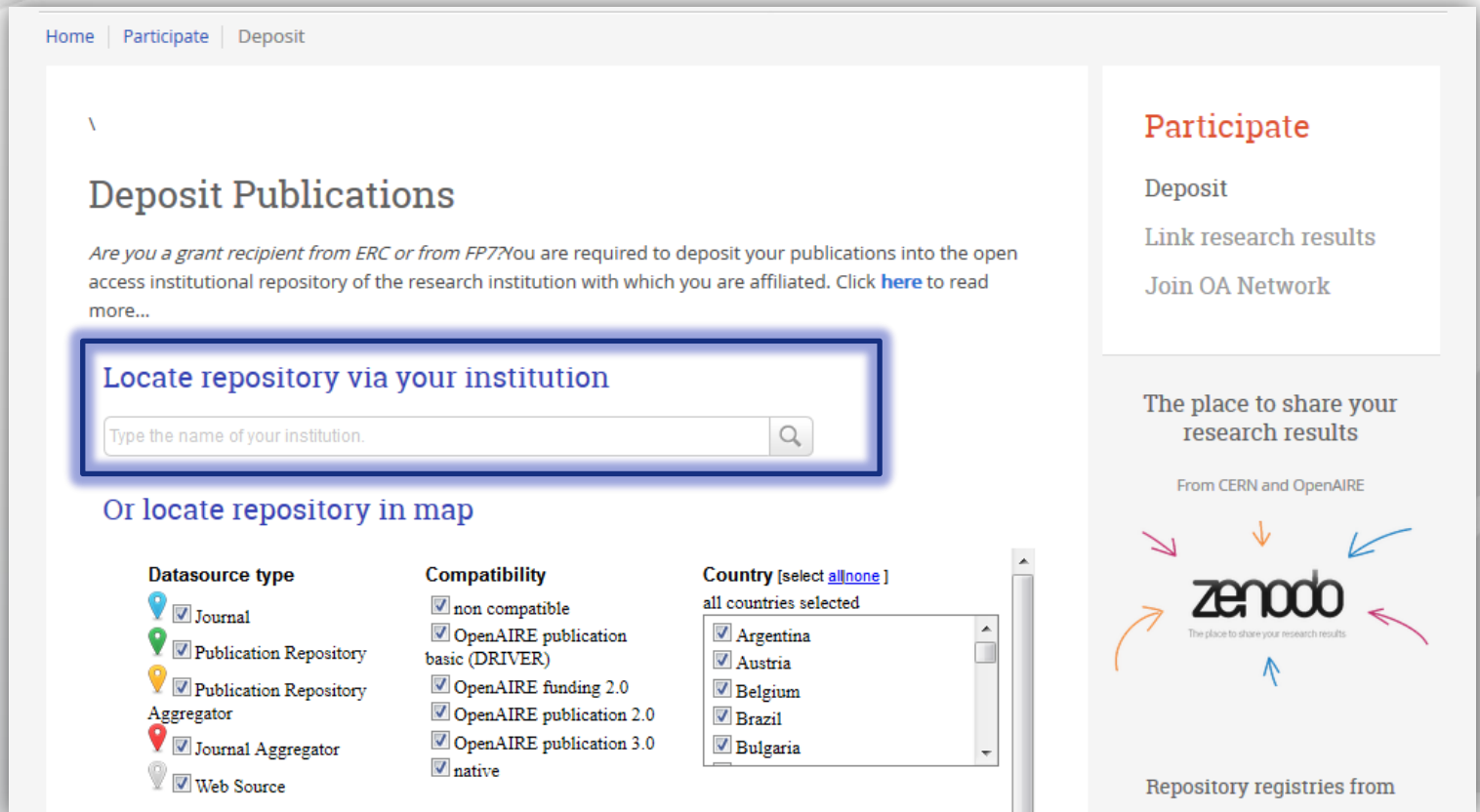
# Depositing

## Publications and Data

- We want researchers to deposit into their institutional repository
- Through OpenAIRE they can be directed to
  - Publication repositories (OpenDOAR)
  - Research Data repositories (RE3DATA)
- If they don't find one of their choice
  - Zenodo at CERN (sponsored by OpenAIRE)



## Locate repository



Home | Participate | Deposit

### Deposit Publications

Are you a grant recipient from ERC or from FP7? You are required to deposit your publications into the open access institutional repository of the research institution with which you are affiliated. Click [here](#) to read more...

**Locate repository via your institution**

Type the name of your institution.

**Or locate repository in map**

<b>Datasource type</b> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Journal</li><li><input checked="" type="checkbox"/> Publication Repository</li><li><input checked="" type="checkbox"/> Publication Repository Aggregator</li><li><input checked="" type="checkbox"/> Journal Aggregator</li><li><input checked="" type="checkbox"/> Web Source</li></ul>	<b>Compatibility</b> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> non compatible</li><li><input checked="" type="checkbox"/> OpenAIRE publication basic (DRIVER)</li><li><input checked="" type="checkbox"/> OpenAIRE funding 2.0</li><li><input checked="" type="checkbox"/> OpenAIRE publication 2.0</li><li><input checked="" type="checkbox"/> OpenAIRE publication 3.0</li><li><input checked="" type="checkbox"/> native</li></ul>	<b>Country [select all:none]</b> <p>all countries selected</p> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Argentina</li><li><input checked="" type="checkbox"/> Austria</li><li><input checked="" type="checkbox"/> Belgium</li><li><input checked="" type="checkbox"/> Brazil</li><li><input checked="" type="checkbox"/> Bulgaria</li></ul>
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**Participate**


Deposit

Link research results

Join OA Network

The place to share your research results

From CERN and OpenAIRE




Repository registries from

French  
Spanish  
Portuguese

**Universidade do Minho**

Documentation Services   Search Portal   Bibliographic Catalogue



Home

**Browse**

- Communities & Collections
- Title
- Author
- Advisor
- Subject
- Issue date
- Document type

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- About DSpace
- DSpace Software

Search | Enter some text in the box below to search DSpace.

Use quotation marks (") to search phrases, + and - to add or remove words and use asterisk (\*) after a word stem to search all words starting with that root (e.g. select\* will retrieve selects, selector, selecting...). [Help](#)

**Welcome to the University of Minho Institutional Repository!**

Repositorium is the University of Minho Institutional Repository and contains a growing collection of the scientific output from the University.

The aim of RepositórioUM is to provide a permanent record of the research output of the University and maximise the visibility, usage and impact of its research through open access.

**Most recent submissions:**

- > O desempenho de fundos de investimento americanos que investem internacionalmente : o caso do mercado europeu, chinês e japonês
- > Subir o terceiro degrau : o processo de escolha de uma instituição de ensino superior em Angola
- > Cirurgia de ambulatório : ex perência e satisfação do utente
- > Fusões e aquisições : determinantes do prémio da oferta no mercado europeu
- > Ammonium-dependent shortening of CLS in yeast cells starved for essential amino acids is determined by the specific amino acid deprived, through different signaling pathways

website mobile

**Repositorium**

- About RepositórioUM
- Commemorative book
- 10th Anniversary video
- Theses submission

**UMinho OA Policy**

- UM info policy
- Briefing paper

**Copyright**

- About copyright
- Briefing paper
- Search journal
- Search editor

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- RSS Feed 2.0
- RSS Feed Atom

Universidade do Minho | Serviços de Documentação - Feedback - Statistics of RepositórioUM





# Submission workflow

OpenAIRE Searching by the name or the project id number

https://repositorium.sdum.uminho.pt/submit#null

Universidade do Minho: De... repositorium.sdum.uminho.pt

File Edit View Favorites Tools Help

X Find: del of the intervertebral disc diseases and regeneration Previous Next Options

**Resumo** Entre 2003 e 20121, a Universidade do Minho publicou 7173 documentos de todos os tipos (dos quais 5480 documentos citáveis, tipos article e review) indexados na

Introduza o nome do projeto FP7 (Obrigatório no caso de projetos FP7 com acordos de concessão assinado dep  
Exemplo: 246686 - OPENAIRE - Open Access Infrastructure for Resea  
**Projeto FP7** switchbox

Introduza os nomes de patrocinadores.  
Exemplo: Fundação para a Ciência e a Tecnologia (FCT  
**Patrocinadores**

Introduza aqui mais alguma informação útil relativamente ao artigo e que não introduziu noutro campo coloque-a  
**Informações adicionais**

Esta informação não será visível para o público. Pode indicar aqui se este documento deve ser partilhado numa coleção de outra comunidade.  
Exemplo: Partilhar este documento com a comunidade...  
**Comentários e sugestões**

Esta coleção é por predefinição de Acesso Aberto, caso pretenda que este artigo tenha outra condição de acesso indique-a aqui.  
**Acesso** | Acesso Aberto

Universidade do Minho: Selecção do projeto FP7/ERC - ...  
https://repositorium.sdum.uminho.pt/tools/lookup.jsp?field=dc\_relation&formID=ed

**Projetos FP7 contendo o termo pesquisado**

Results 1 to 2 from 2 for the term "switchbox"

- 259772 - SWITCHBOX - Switchbox: Maintaining health in old age t...  
Projeto não identificado
- info.eu-repo/grantAgreen  
Identificador do projeto (Se aceitar este valor ser colocado na caixa de texto do projeto)

Aceitar Ver mais resultados Cancelar





# Submission workflow

OpenAIRE *Select the project and accept... the necessary namespace will be filled*

https://repositorium.sdum.uminho.pt/submit#null

Universidade do Minho: De... repositorium.sdum.uminho.pt

File Edit View Favorites Tools Help

Find: del of the intervertebral disc diseases and regeneration Previous Next Options

**Resumo** Entre 2003 e 20121, a Universidade do Minho publicou 7173 documentos de todos os tipos (dos quais 5480 documentos citáveis, tipos article e review) indexados na

Remover esta entrada

Adicionar mais

Introduza o nome do projeto FP7 (Obrigatório no caso de projetos FP7 com acordos de concessão assinado depois de 2008 e que contenham a cláusula especial 39).  
Exemplo: 246686 - OPFNIRE - Open Access Infrastructure for Research in Europe

**Projeto FP7** info:eu-repo/grantAgreement/EC/FP7/259772

Introduza os nomes de patrocinadores.  
Exemplo: Fundação para a Ciência e a Tecnologia (FCT)

**Patrocinadores**

Adicionar mais

Introduza aqui mais alguma informação útil relativamente ao artigo e que não introduziu noutro campo coloque-a aqui. Esta informação será visível no registo público.

**Informações adicionais**

Esta informação não será visível para o público. Pode indicar aqui se este documento deve ser partilhado numa coleção de outra comunidade.  
Exemplo: Partilhar este documento com a comunidade...

**Comentários e sugestões**

Esta coleção é por predefinição de Acesso Aberto, caso pretenda que este artigo tenha outra condição de acesso indique-a aqui.

**Acesso** Acesso Aberto



zenodo Research. Shared.

Search 732 records for:  [Q Search](#)

Filter by types ▾

### Recent Uploads

**01 January 2013** [Block section](#) [Open access](#)  
**Identifying your Accompanist** [View](#)  
 Lowe, Will  
 A short exploration of the consequences of using digital companions to externalise self-quantification and monitoring. [...] [View](#)  
 Uploaded by [conjugateprior](#) on 10 June 2013.

**07 June 2013** [Dataset](#) [Open access](#)  
**JCR Journals, sorted by Impact Factor 2011 with the JCR edition indication** [View](#)  
 Blasco-Gil, Yolanda ; Peset, Fernando ; González, Luis-Milán  
 Description of the spreadsheet: "Journals in JCR sorted by IF11" lists the journals from Thomson Reuters JCR website, it's sorted by edition (science and social science) and Impact Factor 2011 descending (but not dfunded) [...]. [View](#)  
 Uploaded by [FPESBT](#) on 07 June 2013.

**12 February 2013** [Journal article](#) [Open access](#)  
**The effect of flow maldistribution in heterogeneous parallel-plate active magnetic regenerators** [View](#)  
 Nielsen, Kaspar Kirstein ; Bahl, Christian R.H. ; Engelbrecht, Kurt  
 The heat transfer properties and performance of parallel-plate active magnetic regenerators (AMRs) with heterogeneous plate spacing are investigated using detailed models previously published. [...] [View](#)  
 Uploaded by [Kaspar](#) on 06 June 2013.

**New to ZENODO?** [Sign Up](#)

- **Research. Shared** – all research outputs from across all fields of science are welcome!
- **Citeable. Discoverable.** – uploads gets a Digital Object Identifier (DOI) to make them easily and uniquely citeable.
- **Community Collections** – accept or reject uploads to your own community collections (e.g workshops, EU projects or your complete own digital repository).
- **Funding** – integrated in reporting lines for research funded by the European Commission via OpenAIRE.
- **Flexible licensing** – because not everything is under Creative Commons.
- **Safe** – your research output is stored safely for the future in same cloud infrastructure as research data from CERN's Large Hadron Collider.
- **DropBox integration** – upload files straight from your DropBox.

[Read more about features and benefits.](#)

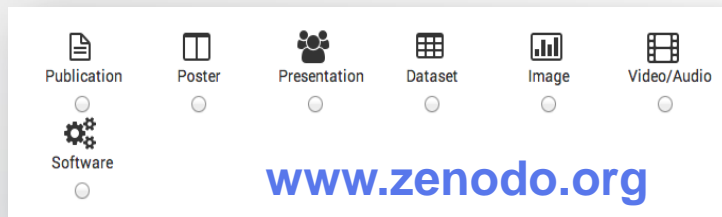
**Mission statement**

ZENODO is a repository service that enables researchers, scientists, projects and institutions to share and showcase multidisciplinary research results (data and publications) that are not part of existing institutional or subject-based repositories.

**Tweets** [Follow @ZENODO\\_05](#)

“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

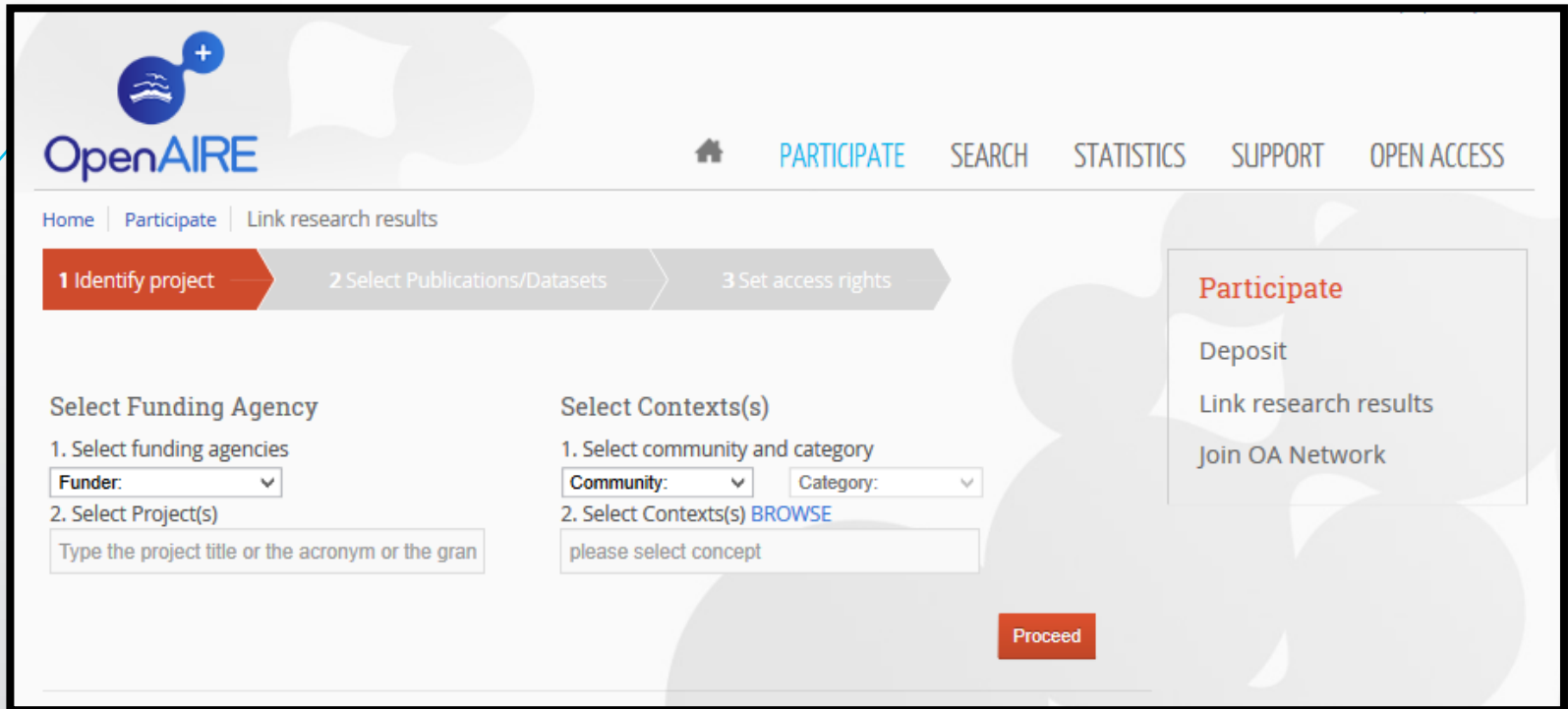
A yellow sticky note with rounded corners and a shadow, listing four features of Zenodo:

- API** INTEGRATE YOUR APP VIA PROGRAMMABLE API.
- COMMUNITIES** YOUR DIGITAL REPOSITORY ON ZENODO.
- FUNDING** INTEGRATE INTO REPORTING FOR RESEARCH FUNDED BY EUROPEAN COMMISSION.
- FLEXIBLE LICENSING** NOT EVERYTHING IS UNDER CREATIVE COMMONS.

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

# Linking research results

## Publications and data to projects



The screenshot shows the OpenAIRE website interface for linking research results. At the top, the OpenAIRE logo is on the left, and navigation links for Home, PARTICIPATE, SEARCH, STATISTICS, SUPPORT, and OPEN ACCESS are on the right. Below the navigation, a breadcrumb trail reads 'Home | Participate | Link research results'. A progress bar indicates three steps: '1 Identify project' (highlighted in red), '2 Select Publications/Datasets', and '3 Set access rights'. The main content area is divided into two columns. The left column, 'Select Funding Agency', includes a dropdown for 'Funder' and a text input field for project titles or acronyms. The right column, 'Select Contexts(s)', includes dropdowns for 'Community' and 'Category', a 'BROWSE' link, and a text input field for selecting a concept. A red 'Proceed' button is located at the bottom right of the form area. On the far right, a vertical menu lists 'Participate', 'Deposit', 'Link research results', and 'Join OA Network', with 'Participate' highlighted in red.

# Claiming/Linking

1 Identify project

2 Select Publications/Datasets

3 Set access rights

1 Identify project

2 Select Publications/Datasets

3 Set access rights

## Select Funding Agency

1. Select funding agencies

European Commission ▼

2. Select Project(s)

✕ Eur. Com. > OPENAIRE

0 items in 1 Projects and 0 Contexts

Search for publications/ datasets in OpenAire, Crossref, Orcid and Datacite *i*

interoperability repositories cris

Publication  Dataset

Start over

OpenAIRE (9146)

1 Identify project

2 Select Publications/Datasets

3 Set access rights

## Select from publications

9146 documents, page 1

OpenAIRE Guidelines: supporting interoperability for Literature Repositories, Data Archives and CRIS

## Selected Projects

✕ Eur. Com. > OPENAIRE

## Selected Publications/Datasets

✕ [OpenAIRE Guidelines: supporting interoperability for Literature Repositories, Data Archives and CRIS](#) Open Access

✕ [OpenAIRE - Specs for interoperability with existing CRIS-systems and Commission tools](#) Open Access

Start over

< Prev





Finish

# View aggregated project scientific output

You can get to a project landing page through the use of our search/browse facilities and search for your project either by the name, acronym or project identifier.

**YOU MAY USE THE  
OPENAIRE SERVICES  
TO GET THE  
AGGREGATED PROJECT  
OUTPUT IN A FORMAT  
THAT YOU CAN USE  
FOR YOUR REPORTING  
OR MONITORING.**

### 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](#)

# A project view

## Seismische Untersuchungen des Russell Glacier, Kangerlussuaq, Grönland

Fritzsche, Diedrich; Hofstede, Coen; Hubbard, Alun; Hilmarsson, Sverrir (2014)

Projects: ICE2SEA (226375)

Im Rahmen des von der EU geförderten Projektes Ice2Sea, dessen Ziel es ist, den Einfluss der Rand-Eisschilde auf Änderungen des Meeresspiegels zu erfassen, wurde im September 2013 unter Leitung eines seismischen Projekts mit dem Namen Ice bed-Ice edge durchgeführt. Ziel war es, auf dem Russell-Glacier zwei Stellen, eine etwa 7, die andere ca. 60 km vom Eisrand entfernt, auf je 2 sich kreuzenden 5 km langen Eisdicke und die Struktur des Gletschers zu untersuchen...

MORE INFORMATION

PAS, UNIwersytet SLASKI, ULG, DTU, University of Bristol,

Detailed project information (CORDIS)



### ICE2SEA

Project reference: 226375

Funded under: FP7-ENVIRONMENT

#### Ice2sea - estimating the future contribution of continental ice to sea-level rise

From 2009-03-01 to 2013-11-30, ongoing project

#### Project details

##### Total cost:

EUR 13 635 613

##### EU contribution:

EUR 9 994 842

##### Coordinated in:

United Kingdom

##### Topic(s):

- [ENV-2008-1-1-1-1 - Sea-Level Rise: Trends in contributions from continental ice, processes and links to climate change](#)

##### Call for proposal:

FP7-ENV-2008-1

##### Funding scheme:

CP-IP - Large-scale integrating project

#### Objective

"The melting of continental ice (glaciers, ice caps and ice sheets) is a substantial source of current sea-level rise, and one that is accelerating more rapidly than was predicted even a few years ago. Indeed, the most recent report from Intergovernmental Panel on Climate Change highlighted that the uncertainty in projections of future sea-level rise is dominated by uncertainty concerning continental ice, and that understanding of the key processes that will lead to loss of continental ice mu...

#### Related information

##### Result In Brief

- [Predicting sea-level rise from melting ice](#)

##### Report Summaries (4)

- [Periodic Report Summary 2 - ICE2SEA \(Estimating the future contribution of continental ice to sea-level rise\)](#)
- [Final Report Summary - ICE2SEA \(Ice2sea - estimating the future contribution of continental ice to sea-level rise\)](#)
- [Periodic Report Summary 1 - ICE2SEA \(Estimating the future contribution of continental ice to sea-level rise\)](#)

##### Documents and Publications

- [Periodic Report - ICE2SEA \(Estimating the future contribution of continental ice to sea-level rise\)](#)
- [Periodic Report 2 - ICE2SEA \(Estimating the future contribution of continental ice to sea-level rise\)](#)

##### Open Access (175)

via

- [Seismische Untersuchungen des Russell Glacier, Kangerlussuaq, Grönland](#)  
Fritzsche, Diedrich; Hofstede, Coen; Hubbard, Alun; Hilmarsson, Sverrir  
2014
- [Severe cloud contamination of MODIS Land Surface Temperatures over an Arctic ice cap, Svalbard](#)  
Osby, Torbjörn I.; Schuler, Thomas V.; Westermann, Sebastian  
2014
- [Surface and bed morphology of Hansbreen, a tidewater glacier in Spitsbergen](#)  
Grabiec, Mariusz; Jania, Jaak A.; Puzko, Dariusz; Kolondra, Leszek; Budzik, Tomasz  
2012

# A project report

All 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	<a href="http://hdl.handle.net/1822/15689">http://hdl.handle.net/1822/15689</a>	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	<a href="http://dx.doi.org/10.1107/S1744309109043152">http://dx.doi.org/10.1107/S1744309109043152</a>	CLOSED	
Structural and magnetic study of the annealing of Fe-Co nanoparticles	Desvaux, Celine	ROYAL SOC CHEMISTRY	2010-01-01	<a href="http://dx.doi.org/10.1039/b916294a">http://dx.doi.org/10.1039/b916294a</a>	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	<a href="http://dx.doi.org/10.1007/s00775-009-0597-2">http://dx.doi.org/10.1007/s00775-009-0597-2</a>	CLOSED	
Energy band structure and optical response function of isoschedal-B(12)As(2): A spectroscopic ellipsometry and first	Bakulaev, S.	AMER PHYSICAL SOC	2010-01-01	<a href="http://dx.doi.org/10.1103/PhysRevB.81.075114">http://dx.doi.org/10.1103/PhysRevB.81.075114</a>	CLOSED	

Still missing: **One click away to EC project reporting systems**





OpenAIRE

# Thank you!

## Questions?

<http://www.fosteropenscience.eu/>

[eloy@sdum.uminho.pt](mailto:eloy@sdum.uminho.pt)