

Pedro Principe

University of Minho (OpenAIRE support and training manager)

OpenAIRE

Monitoring Services

EC FP7 & H2020 and other national funders



This is where you type in the event



@openaire_eu



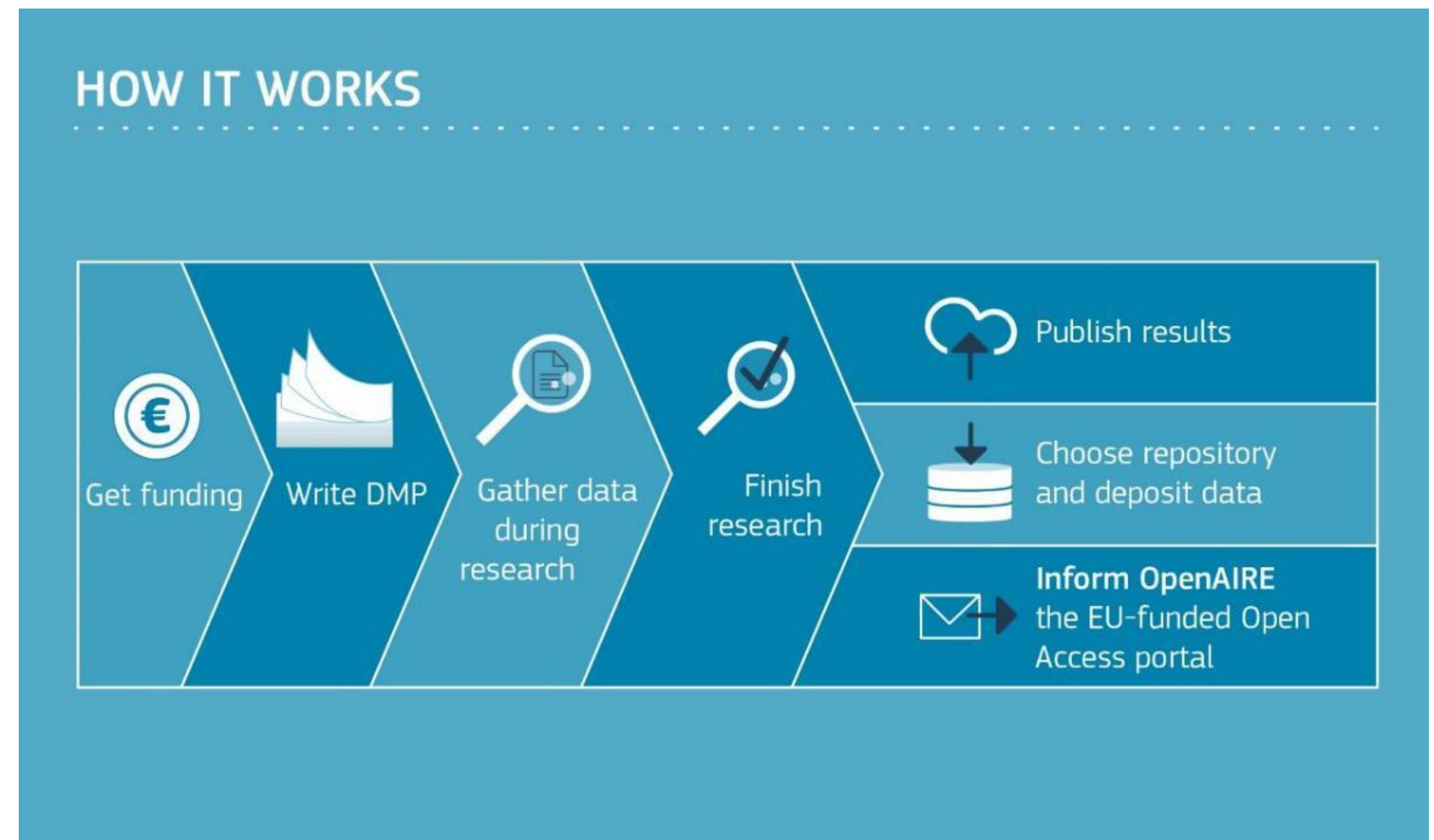
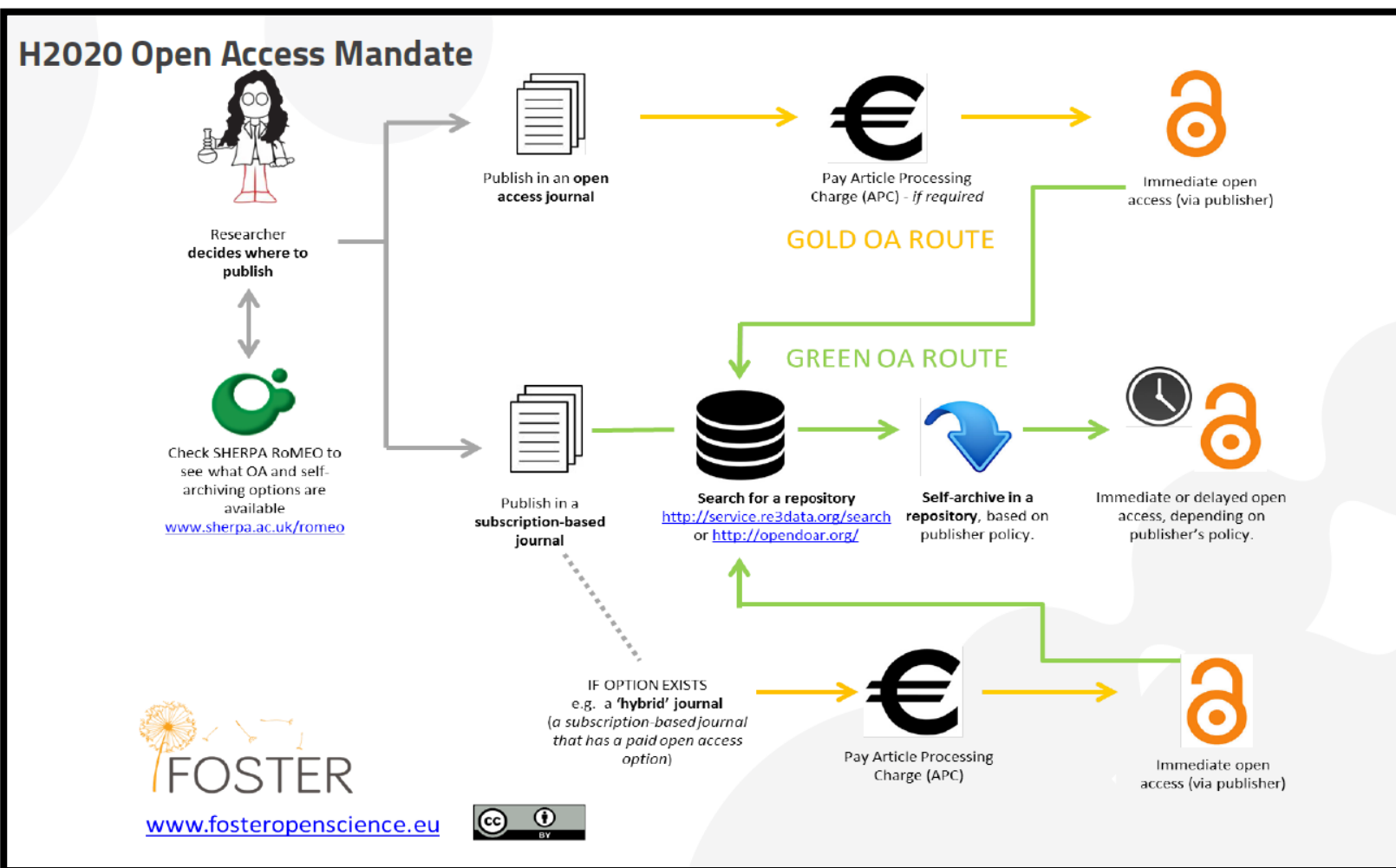
A lighthouse on a rocky cliff overlooking the ocean under a cloudy sky. The lighthouse is white with a black top section and is illuminated. The ocean is dark with white foam from waves crashing against the rocks. The sky is overcast with grey clouds.

Services for Funders

Align Open Science policies.
Sync infrastructures.
Monitor and report.

*OpenAIRE helps you measure
research funding impact and
supports monitoring of Open Access*

Open Access & Open Research Data in H2020



Deposit once!

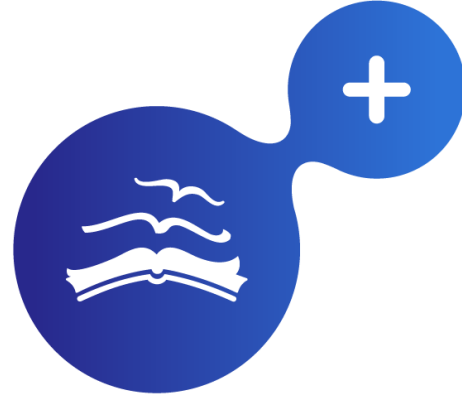
- Locate an appropriated **repository** via OpenAIRE.
- If no repository is available: use **Zenodo** (OpenAIRE/CERN repository).
- **Acknowledge** project funding in the publication or dataset metadata record.
- Use a fully OpenAIRE compatible repository. If don't... use the OpenAIRE linking services afterwards and associate your research results (**Link/Claim** publication or datasets to projects).
- But we don't stop there! We apply cleaning, transformation, disambiguation processes, and **identify relationships** among all research

entities: publications, data, funding...

- All publications accessible via OpenAIRE and linked to a project will be displayed automatically in the reporting section of the EC Participant Portal for the project.

We did it!

**PROJECT
PUBLICATIONS
AND DATASETS**



OpenAIRE



Automatically



EC's participant portal (reporting)

Grant Management

643410 (OpenAIRE2020) RIA

HORIZON 2020

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

Publishable Summary	Deliverables	Milestones	Critical Risks	Publications	Patents (IPR)
✓	i	i	✓	✓	✓

RESEARCH & INNOVATION
Participant Portal - Grant Management Services

MY PROJECT

HORIZON 2020

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

HOW TO

Continuous or Final Reporting

Infrastructure to support the policy compliance

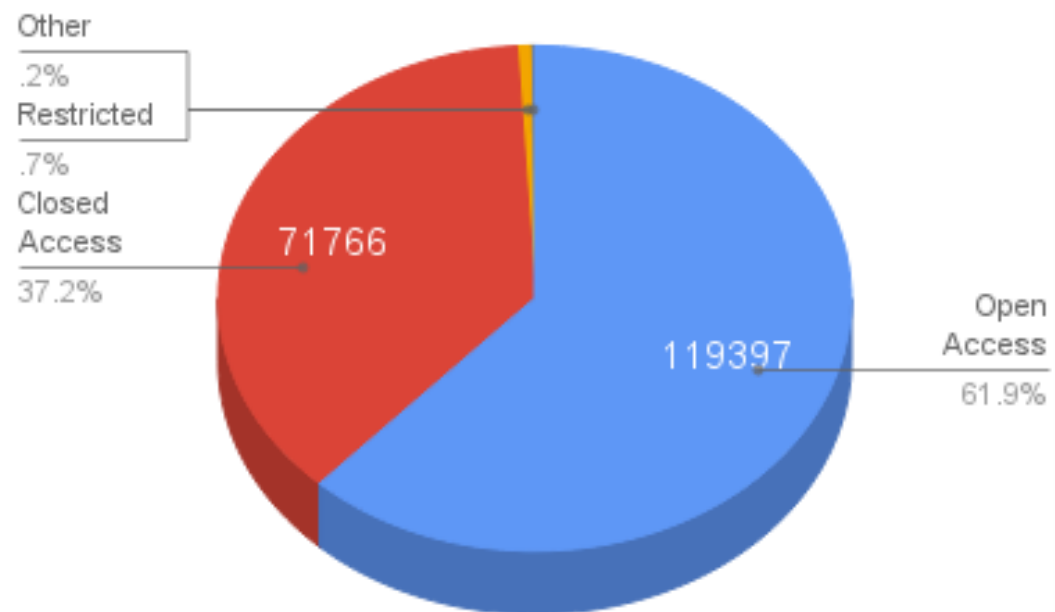
OpenAIRE services and tools for projects:

- ✓ Open Access Depositing
- ✓ Storing Research Data
- ✓ Claiming publications and datasets
- ✓ Reporting research outputs
- ✓ Monitoring and analytics
- ✓ Discovery and Access

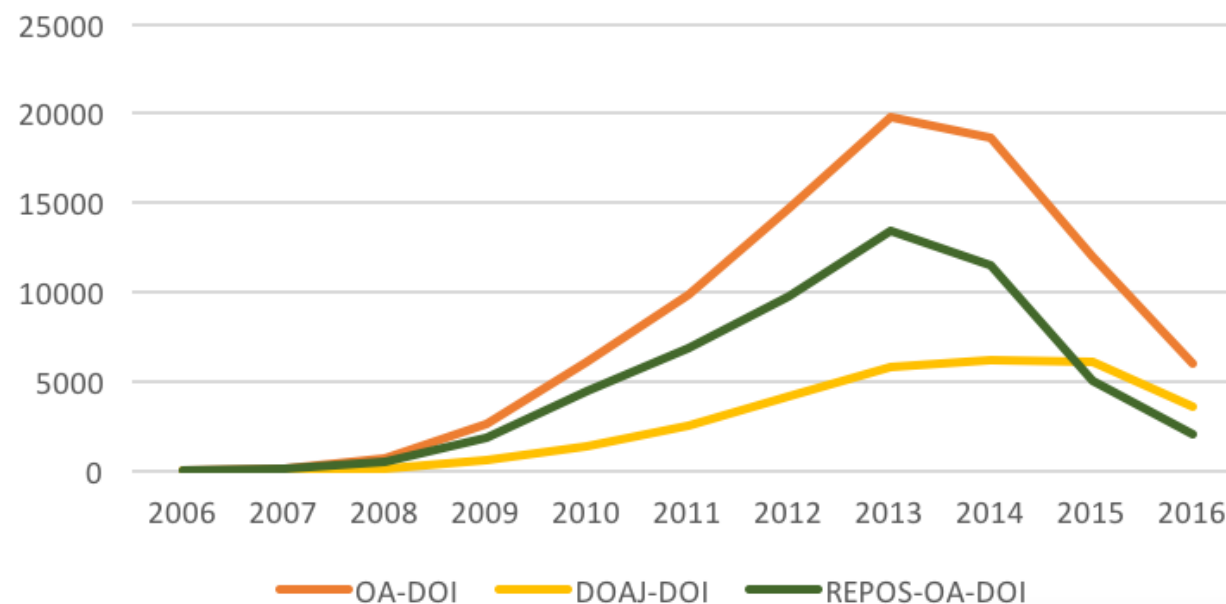


OpenAIRE monitoring for EC

FP7 publications breakdown by access mode

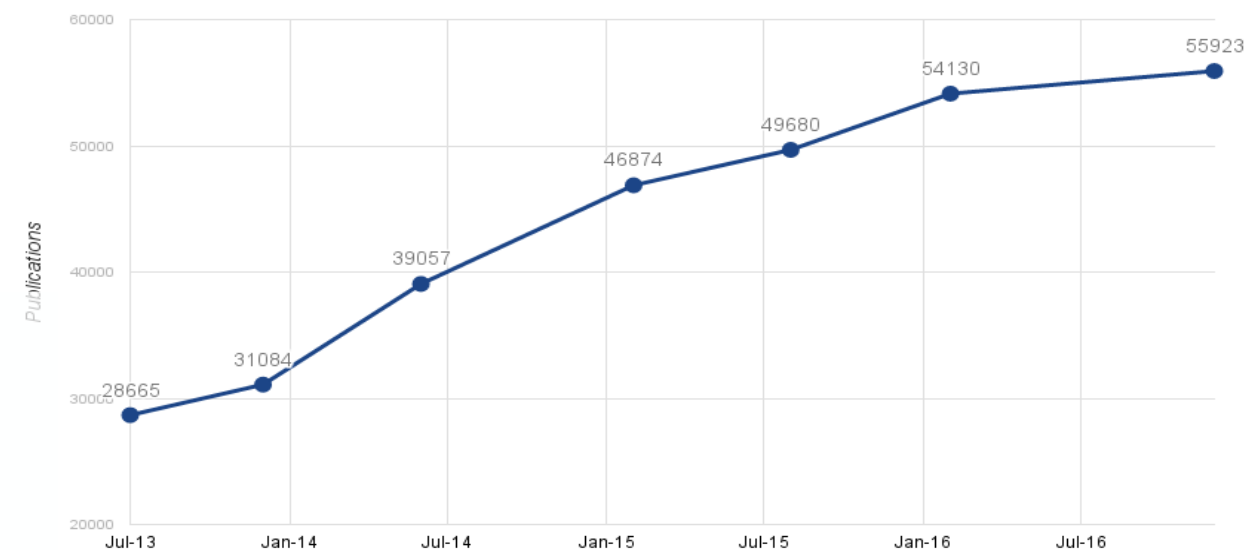


FP7 Gold - Green



OA with DOIs

FP7 publications in institutional repositories



EC projects and funding streams pages and stats

OpenAIRE PARTICIPATE SEARCH

H2020 Monitoring

19,181 publications in 2,951 projects (from a total of 14,260)
8,408 are OA, 99 are restricted and 117 are still in embargo [Graph](#)

Publications in H2020 Projects through the years

Yearly Cumulative

from OpenAIRE via HighCharts (date: 7/9/2017)
select an area to zoom in

ABOUT PUBLICATIONS

- TOP 30 PROJECTS IN PUBLICATIONS
- H2020 PUBLICATIONS BY TYPE

ABOUT DATA PROVIDERS

- TOP 20 DATA PROVIDERS FOR H2020 PUBLICATIONS
- H2020 PUBLICATIONS BY DATA PROVIDER TYPE

ERC statistics

78,227 publications in 3,921 projects (total of 4,561 projects)
53,949 are OA, 382 are restricted and 89 are still in embargo [Graph](#)

ERC publications through the years

Yearly Cumulative

from OpenAIRE via HighCharts (date: 7/9/2017)
select an area to zoom in

ABOUT PUBLICATIONS

TOP 30 PROJECTS IN PUBLICATIONS

Column Graph Pie Chart Table

ERC Publications by project (top 30)

project

from OpenAIRE via HighCharts (date: 7/9/2017)
select an area to zoom in

FP7 statistics

220,828 publications in 15,712 projects (from a total of 25,870)
141,829 are OA, 3,476 are restricted and 344 are still in embargo [Graph](#)

For SC39:
31,889 publications in 1,498 projects (total of 1,907)
22,840 are OA [Graph](#)

FP7 TIMELINE

To get more detailed views please make your selections from either Programme or Scientific Area:

Programme

- SP1-Cooperation
- SP2-Ideas
- SP3-People
- SP4-Capacities
- SP5-Euratom

Scientific Area

- COH
- ENERGY
- ENV
- ERC
- Fission
- Fusion
- GA

FP7 publications through the years

Publications

Year

@OSFAIR2017

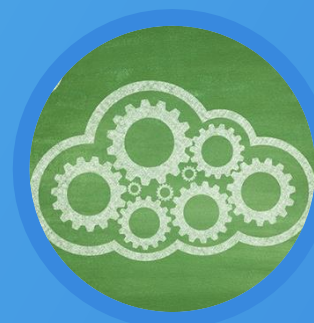


and others

Funders related activities in OpenAIRE



Align and support OA policies



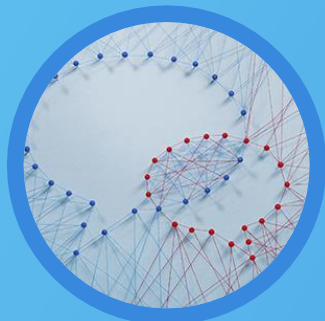
APIs with projects list for repository software



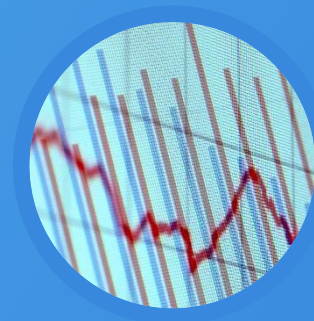
Sync infrastructures and Support national e-infrastructures



Text mining and inference



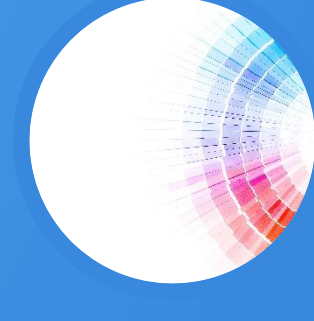
Guidelines for metadata funding info



Statistics and reporting



Monitor mandate compliance



Analytics and trends

OpenAIRE can offer funders:

- A unique **view of the scientific outputs** that derive from their funding.
- OpenAIRE enables **advanced monitoring** (including of compliance with Open Access policies), reporting and analysis of research impact and research trends.
- Funders can **assess the impact** of their funding by viewing advanced statistics on research outputs (publications and data-sets) and the funding programme/stream/project from which they derive (including co-funded research results and research trends).

Agreement between OpenAIRE & Funders

Agreement for Data Exchange between OpenAIRE and research-funding organization [FULL ORGANIZATION NAME], in the following referred to as [ORGANIZATION]

About OpenAIRE

OpenAIRE is the European Union initiative for an Open Access Infrastructure for Research in Europe (currently funded by EU-Horizon2020 Grant ID 643410 "OpenAIRE 2020") that aims to establish an open and sustainable scholarly communication infrastructure responsible for the overall management, analysis, manipulation, provision, monitoring and cross-linking of all research outcomes (publications, related datasets, software and services) across existing, planned and future participating data providers.

Objectives and Benefits

OpenAIRE supports the Open Access and Open Science policies of funders like the European Commission by aggregating information from a range of data providers (including research funders, publication repositories, data repositories, Open Access publishers, CRISs) in order to link projects, authors, institutions, funding information, publications, data-sets and other research output types. From these links, OpenAIRE's information space can be queried to provide value-added services for funders, researchers and repositories.

Inferred information is then used to enrich the original metadata record of the publication and made publicly available via the OpenAIRE portal (<https://www.openaire.eu>).

OpenAIRE processes all data according to its Data Management Plan.

With this information, OpenAIRE can offer funders a unique view of the scientific outputs that derive from their funding. OpenAIRE enables advanced monitoring (including of compliance with Open Access policies), reporting and analysis of research impact and research trends. Funders can assess the impact of their funding by viewing advanced statistics on research outputs (publications and data-sets) and the funding programme/stream/project from which they derive (including co-funded research results and research trends).

Data description

OpenAIRE requires only a very limited set of metadata fields from funders. No personal or private details are required. The mandatory and optional data fields are:

- PROJECT IDENTIFIER (MANDATORY)
- PROJECT TITLE or ACRONYM (MANDATORY)
- FUNDER NAME (MANDATORY) – e.g. *Wellcome Trust, EC*
- START DATE (MANDATORY)
- END DATE (MANDATORY)
- FUNDING STREAM(S) (OPTIONAL) – *funding categories for more detailed statistics*
- PARTICIPANT ORGANIZATION(S) (OPTIONAL) – *i.e., project partners*

Main features OpenAIRE can provide to funding organisations

Using the OpenAIRE portal, funders can:

- filter publications/data by funder and browse by specific funding streams
- search via project title, acronym or grant agreement and view specific statistics of the project: publications/data over time, OA status, where they were published/deposited, etc.
- view overall funder/funding stream statistics (facets over time, data source, institution, etc.)
- correlate author/institution output with funding information
- visualize clusters of publications/data or funding based on their interlinking (national or ERA-wide level).

Example use-cases include "show levels of open access compliance", "link research outputs to grants", "show cross-discipline relationships", "aggregate by funding scheme/discipline", "show other recommended/similar publications", and "show all research outputs for a project/person/funding stream".

1

Agreements

- This agreement enters into force as of the date of signature of the parties.
- [ORGANIZATION] allows OpenAIRE to use [ORGANIZATION]'s data regarding projects for the stated objectives of OpenAIRE.
- [ORGANIZATION] will deliver the data in [csv/xml/...] format at intervals of no more than [***] months OR [ORGANIZATION] will make the data available via application program interface (API).

[ORGANIZATION]'s representations and warranties

- [ORGANIZATION] represents and warrants that the use of the metadata does not infringe third-party rights. [ORGANIZATION] shall indemnify and hold OpenAIRE and users of OpenAIRE harmless from any third-party claims resulting from the use of the content.

Licensing the enriched metadata

- As mentioned above, OpenAIRE will enrich the metadata, add new information and links to it
- This enriched metadata that OpenAIRE has created will be published and licensed under Creative Commons BY or Creative Commons ZERO standard form, current version or any future higher version of such standard forms.
- Funders, along with all others, will then be able to access and re-use this data via the OpenAIRE Portal (<https://www.openaire.eu>) and direct machine to machine application programming interface (API) (<http://api.openaire.eu>).

Termination of the agreement

The agreement will terminate when OpenAIRE or [ORGANIZATION] gives notice of termination to the other Party (including end of project or service), in which case a minimum notice of three months will be given. In this case OpenAIRE will destroy all copies made of [ORGANIZATION]'s data.

Signatures

We the undersigned hereby agree to abide by the above terms and conditions on behalf of [ORGANIZATION] and OpenAIRE:

[ORGANIZATION]: Address:	OpenAIRE: Address:
URL:	URL: https://www.openaire.eu/
Authorised Person:	Authorised Person:
Email:	Email:
Date:	Date:
Signature:	Signature:

2

Data description

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- START DATE (MANDATORY),
- END DATE (MANDATORY)
- FUNDING STREAM(S) (OPTIONAL) – *funding categories for more detailed statistics*
- PARTICIPANT ORGANIZATION(S) (OPTIONAL) – *i.e., project partners*

BETA

www.openaire.eu

The screenshot shows the OpenAIRE BETA website interface. At the top is the OpenAIRE logo. Below it is a search bar with a dropdown menu set to 'All' and a 'Search keywords' input field. A navigation menu includes 'Publications', 'Research Data', 'Projects', and 'People'. A modal window titled 'FUNDER' is open, displaying a list of funding organizations with their respective counts in parentheses. The list includes:

- National Institutes o... (1682692)
- National Science Foun... (497646)
- Research Council UK (70193)
- Swiss National Scienc... (65490)
- European Commission (38278)
- Fundação para a Ciênc... (37277)
- National Health and M... (24354)
- Netherlands Organisat... (24180)
- Australian Research C... (23012)
- Türkiye Bilimsel ve T... (16609)
- Austrian Science Fund... (13642)
- Wellcome Trust (12188)
- Science Foundation Ir... (3411)
- Ministry of Science, ... (2120)
- Croatian Science Foun... (881)
- Ministry of Education... (777)
- Tara Expeditions Foun... (5)

The screenshot shows the OpenAIRE website interface. At the top is the OpenAIRE logo. Below it is a search bar with a dropdown menu set to 'All' and a 'Search keywords' input field. A navigation menu includes 'Publications', 'Research Data', 'Projects', and 'People'. A modal window titled 'FUNDER' is open, displaying a list of funding organizations with their respective counts in parentheses. The list includes:

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- Fundação para a Ciênc... (37277)
- National Health and M... (24354)
- Australian Research C... (24268)
- Netherlands Organisat... (24180)
- Wellcome Trust (12198)
- Science Foundation Ir... (3411)
- Ministry of Science, ... (2120)
- Croatian Science Foun... (881)
- Ministry of Education... (777)

Funders Integration status:

Funder	Country	Status
European Commission (FP7 & H2020)	EU	Production
Portuguese Foundation for Science and Technology (FCT)	Portugal	Production
Wellcome trust (WT)	UK	Production
National Science Foundation (NSF)	US	Production
National Health and Medical Research Council (NHMRC)	Australia	Production
Australian Research Council (ARC)	Australia	Production
Ministry of Education, Science and Technological Development (MESTD)	Serbia	Production
Ministry of Science Education and Sport (MZOS/MSES)	Croatia	Production
Croatia Science Foundation (HRZZ/CSF)	Croatia	Production
Netherlands Organisation for Scientific Research (NWO)	Nederlands	Production
Science Foundation Ireland (SFI)	Ireland	Production
National Institute of Health (NIH)	US	Production
Swiss National Science Foundation (SNSF)	Switzerland	BETA
Austrian Science Fund (FWF)	Austria	BETA
Research Council UK (RCUK)	UK	BETA
Tara Expedition Foundation (TARA)	France	BETA
Scientific and Technological Research Council of Turkey (Tubitak)	Turkey	Pilot
Academy of Finland	Finland	Pilot
CONICYT	Chile	Pilot
Ministry of Economy, Industry and Competitiveness	Spain	Pilot
German Research Foundation (DFG)	Germany	Pilot

Funder integration in OpenAIRE: simplified workflow



1. Obtain list of projects
2. Data analysis for integration and inference module
3. Integration on DB
4. IIS module integration

5. Inference
6. Data provision on beta

7. Quality check
Results available on the OpenAIRE portal

Results from national EU funders

NWO - Netherlands Organisation for Scientific Research

Updated on 18 May 2017



11,926 publications in 3,661 projects (total of 24,180 projects)

11,368 are OA, 9 are restricted and 0 are still in embargo [Graph](#)

SFI - Science Foundation Ireland

Updated on 25 July 2017

2,209 publications in 597 projects (total of 3,411 projects)

1,955 are OA, 2 are restricted and 0 are still in embargo [Graph](#)

FCT - Fundação para a Ciência e a Tecnologia

Updated on 08 May 2017



27,230 publications in 11,566 projects (total of 37,277 projects)

25,239 are OA, 895 are restricted and 82 are still in embargo [Graph](#)

MESTD - Ministry of Education, Science Republic of Serbia

Updated on 24 July 2017

9,527 publications in 745 projects (total of 777 projects)

9,335 are OA, 0 are restricted and 0 are still in embargo [Graph](#)

MZOS - Ministry of Science, Education (MSES)

Updated on 25 July 2017

824 publications in 312 projects (total of 2,120 projects)

750 are OA, 0 are restricted and 0 are still in embargo [Graph](#)

Funded projects info in OpenAIRE



Collect **metadata** including project grantID from OpenAIRE compliant repositories



Metadata publications record enrichments by OpenAIRE **deduplication**



Link Publications to projects by **inference** (text mining procedures)



Link Publications to projects using the end-user service: **claim publications**



Enriched Document Example

Comparative transcriptomic analysis of *Gardnerella vaginalis* biofilms vs. planktonic cultures using RNA-seq

Castro, Joana; França, Angela; Bradwell, Katie R.; Serrano, Myrna G.; Jefferson, K. K.; Cerca, Nuno (2017)

Publisher: Nature Publishing Group

Languages: English

Types: Article

Subjects: Pathogens, Biofilms, Next-generation sequencing

Identifiers: [doi:10.1038/s41522-017-0012-7](https://doi.org/10.1038/s41522-017-0012-7)

Bacterial vaginosis is the most common gynecological disorder affecting women of reproductive age. Bacterial vaginosis is frequently associated with the development of a *Gardnerella vaginalis* biofilm. Recent data indicates that *G. vaginalis* biofilms are more tolerant to antibiotics and are able to incorporate other bacterial vaginosis-associated species, yielding a multi-species biofilm. However, despite its apparent role in bacterial vaginosis, little is known regarding the molecular determinants involved in biofilm formation by *G. vaginalis*. To gain insight into the role of *G. vaginalis* in the pathogenesis of bacterial vaginosis, we carried out comparative transcriptomic analysis between planktonic and biofilm phenotypes, using RNA-sequencing. Significant differences were found in the expression levels of 815 genes. A detailed analysis of the results obtained was performed based on direct and functional gene interactions. Similar to other bacterial species, expression of genes involved in antimicrobial resistance were elevated in biofilm cells. In addition, our data indicate that *G. vaginalis* biofilms assume a characteristic response to stress and starvation conditions. The abundance of transcripts encoding proteins involved in glucose and carbon metabolism was reduced in biofilms. Surprisingly, transcript levels of vaginolysin were reduced in biofilms relative to planktonic cultures. Overall, our data revealed that gene-regulated processes in *G. vaginalis* biofilms resulted in a protected form of bacterial growth, characterized by low metabolic activity. This phenotype may contribute towards the chronic and recurrent nature of bacterial vaginosis. This suggests that *G. vaginalis* is capable of drastically adjusting its phenotype through an extensive change of gene expression. This work was presented at Biofilms7 meeting (26–28 June 2016, Porto, Portugal) and was awarded the Biofilms7—SPM Young Researcher Award. N.C. is an Investigador FCT. This work was funded by Fundação para a Ciência e a Tecnologia (FCT) by the strategic project of UID/BIO/04469/2013 unit and the project RECI/BBB-EBI/0179/2012 (FCOMP-01-0124-FEDER-027462), and by the National Institutes of Health; P60 MD002256 “VCU NIMHD Comprehensive Center of Excellence”. The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript. The following authors had an individual FCT fellowship: J.C. (SFRH/BD/93963/2013) and A.F. (SFRH/BPD/99961/2014).

[LINK TO PROJECT](#)

[LINK TO RESEARCH DATA](#)

References (50)

Related Research Data (1)

Similar Publications (0)



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[Universidade do Minho: RepositoriUM](#)

FUNDED BY PROJECTS

[FCT | RECI/BBB-EBI/0179/2012](#)

[FCT | UID/BIO/04469/2013](#)

[NIH | COMMUNITY ENGAGEMENT AND](#)

[OU...](#)

CITE THIS ARTICLE

BibTeX

```
@article{Castro, Joana_França, Angela_Bradwell, Katie R._Serrano, Myrna G._Jefferson, K. K._Cerca, Nuno_2017, title={Comparative transcriptomic analysis of Gardnerella vaginalis biofilms vs. planktonic cultures using RNA-seq}, publisher={Nature Publishing Group}, author={Castro, Joana and França, Angela and Bradwell, Katie R. and Serrano, Myrna G. and Jefferson, K. K. and Cerca, Nuno}, year={2017}, month={Jan}}
```

COLLECTED FROM

[Universidade do Minho: RepositoriUM](#)

Multiple Instances host the same document (which is de-duplicated)

Funding Info either from metadata or by text mining

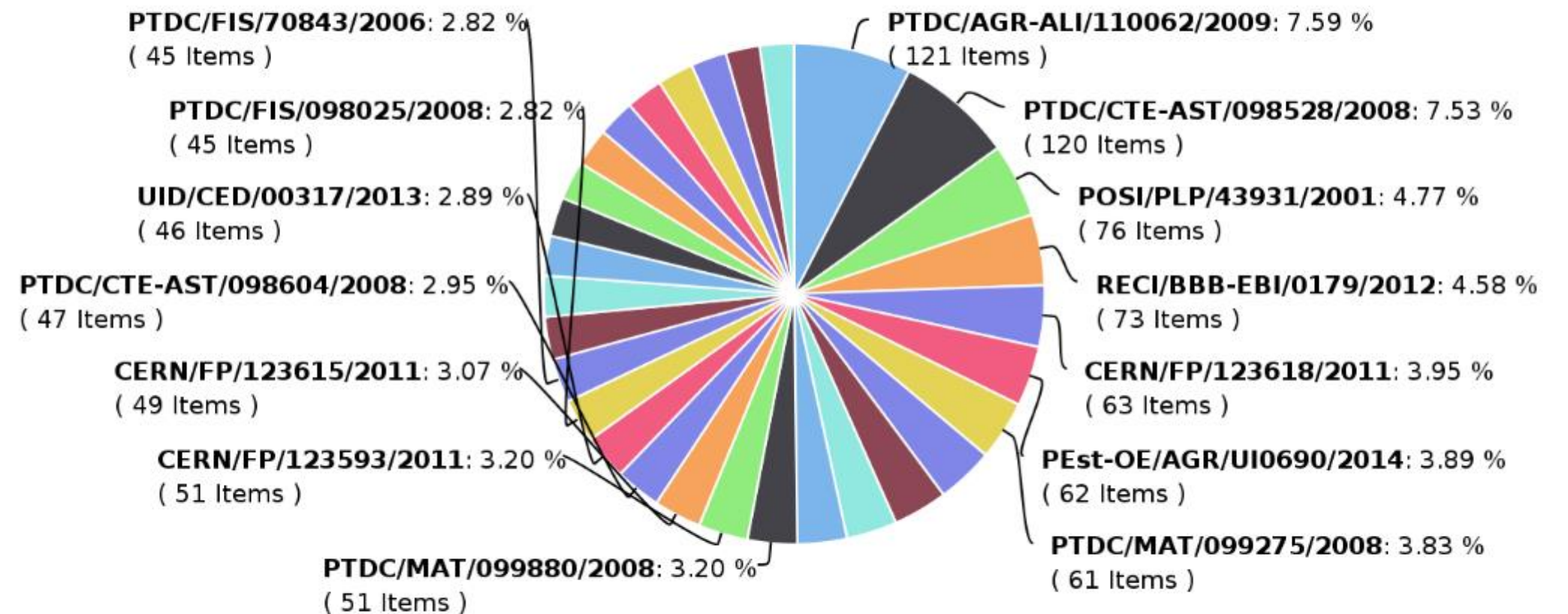
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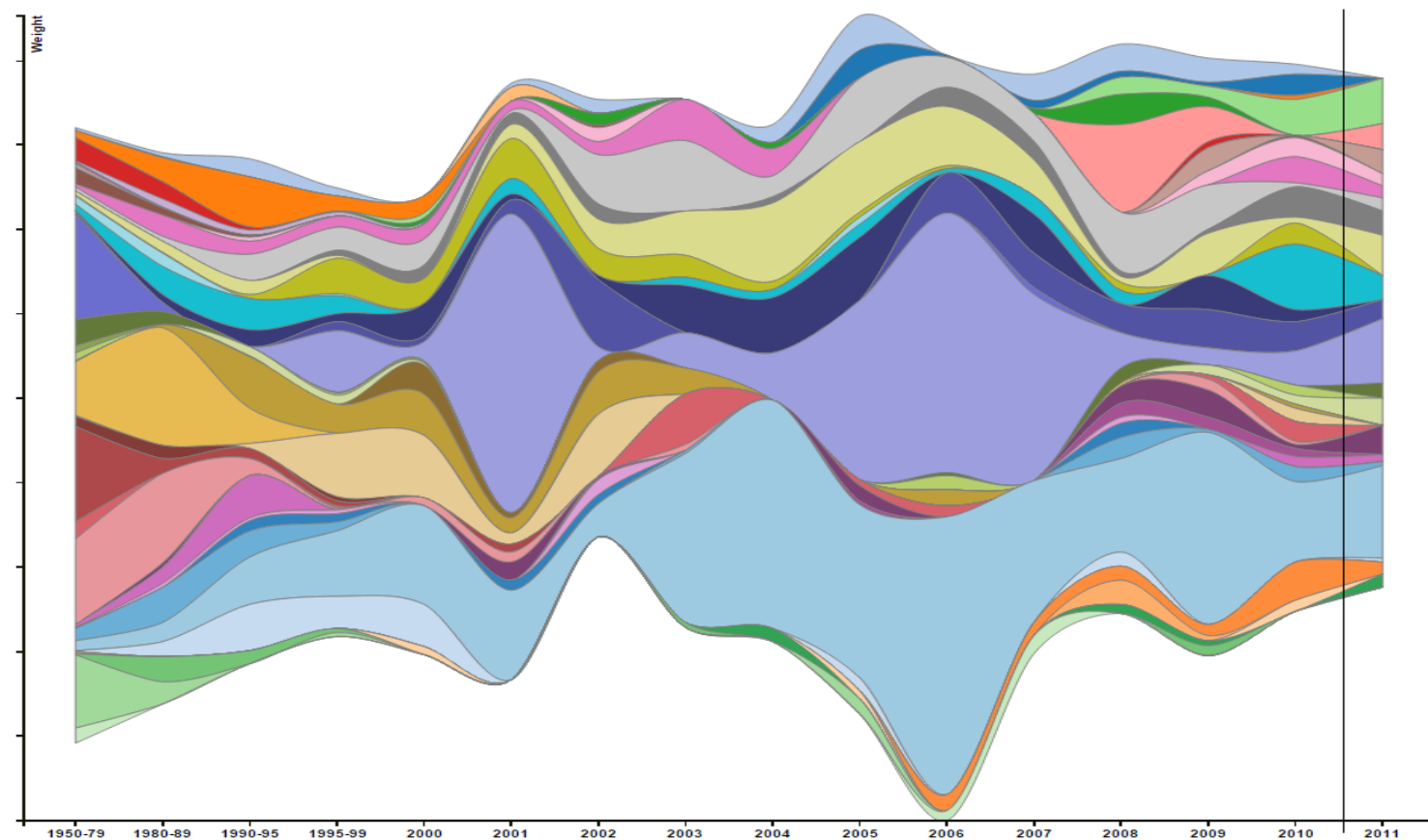
Monitor and reporting: statistics service, portal info

FCT Publications by project (top 30)



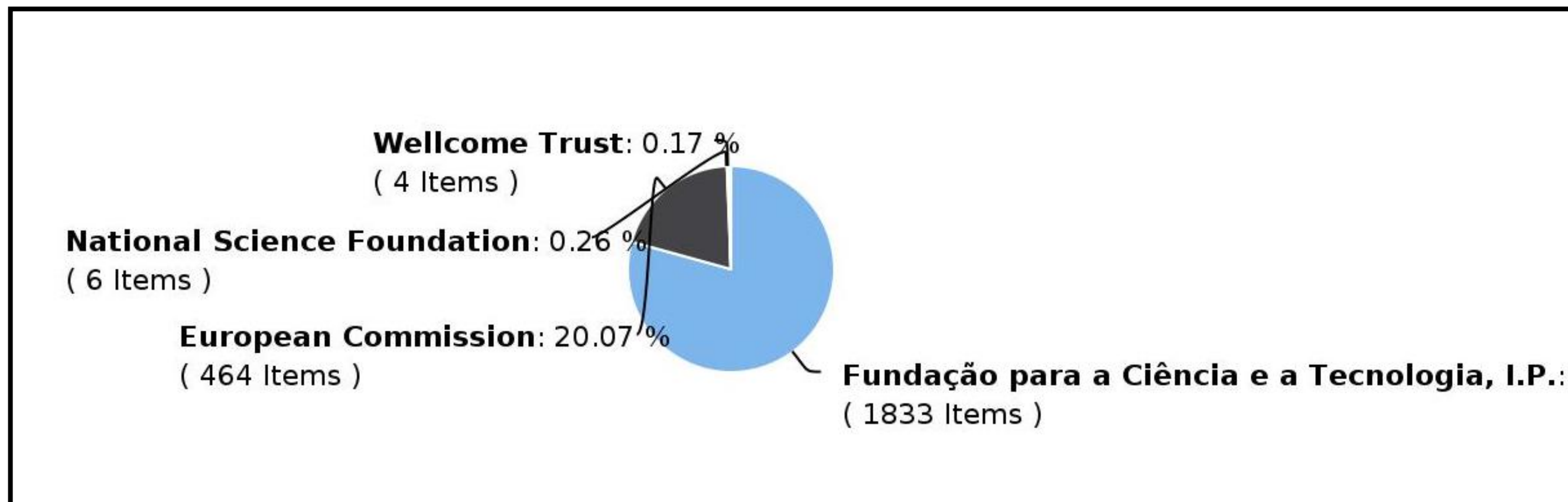
Research monitoring and analytics

- **Links to software**
 - 1,290 software links in the REFERENCES section and 2,985 links in the full text.
- **Topic modeling**
 - Trends in research
 - Hidden relationships
 - Basic version to be in beta




Data provider stats:

Funders in data provider publications



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: Aquacultura, Viveiros, Estuários, Teses de doutoramento (co-tutela) - 2013, Otolitos



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Connectivity is a critical component of m...

and p...
under...
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quant...

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).

reference

Francisco M.; Baynam,

identification of areas for
gene and protein name
it. However, phenotypes
ated text is available for
manually annotated with
ice standard for free text
ognition error analysis,

incorporating 32 different types of test cases corresponding to 2164 HPO concepts. Finally, three established phenotype concept recognizers (NCBO Annotator, OBO Annotator and Bio-Lark CR) were comprehensively evaluated, and results are reported against both the text corpus and the test suites. The gold standard and test suites corpora are available from http://bio-lark.org/hpo_res.html.



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[Europe PubMed Central](#)

FUNDED BY PROJECTS

- [WT | Wellcome Trust Sanger Instit...](#)
- [FCT | PTDC/EIA-EIA/119119/2010](#)
- [ARC | A framework for building dy...](#)
- [EC | PHENOMINER](#)





Organization Page:

Better funding and project information access (page and app box)

APP BOX

- [Download projects report \(CSV\) for all funders](#)
- [Download projects report \(CSV\) for European Commission](#)
- [Download projects report \(CSV\) for Wellcome Trust](#)
- [Download publications report \(CSV\) for all funders](#)
- [Download publications report \(CSV\) for European Commission](#)
- [Download publications report \(CSV\) for Wellcome Trust](#)

FILTER BY FUNDER

EUROPEAN COMMISSION | WELLCOME TRUST

Show entries Search:

Showing 1 to 10 of 57 entries Previous 2 3 4 5 6 Next

Funder	Project name
Wellcome Trust	"Legal medicine and expertise in history" to be held at Oxford Brookes on 4 December 2009 (090779)
Wellcome Trust	Accelerometry as a gait measurement tool for routine clinical analysis. (089078)
European Commission	ACCLIPHOT - Environmental Acclimation of Photosynthesis (316427)
Wellcome Trust	Biomedical Vacation Scholarship (093679)
Wellcome Trust	Biomedical Vacation Scholarship (105262)
Wellcome Trust	Biomedical Vocational Scholarship (089857)
Wellcome Trust	Biomedicine and society in a South African context: Groote Schuur Hospital, Cape Town, 1938-2003. (076135)
Wellcome Trust	Blood, Race and Human Genetics: The Transylvanian Saxons as Subject and Object of German Racial Research, 1925 - 1945. (077985)
European Commission	CASPIAN - Around the Caspian: a Doctoral Training for Future Experts in Development and Cooperation with Focus on the Caspian Region (642709)
European Commission	CENTER-TBI - Collaborative European NeuroTrauma Effectiveness Research in TBI (602150)

Showing 1 to 10 of 57 entries Previous 2 3 4 5 6 Next



Search filters:

Better funding and project information access

SEARCH FILTERS

164202 documents, page 1 of 16421 1 2 3 4 5 >

Funder: European Commission (EC)

REFINE BY

Also funded by

- NSF (3166)
- Wellcome Trust (WT) (1479)
- Fundação para a ... (1246)
- Australian Resear... (483)
- SFI (381)

View more [↗](#)

Funding Stream

- EC | FP7 (164156)
- EC | H2020 (50)

Project

- HIPEAC (1039)
- UNILHC (926)
- ELISA (687)
- HADRONPHYSICS2 (616)
- ENGAGE (493)

View more [↗](#)

Activity clocks: spreading dynamics on temporal networks of human contact

Laetitia Gauvin; André Panisson; Ciro Cattuto; Alain Barrat (2013)
Projects: EC | MULTIPLEX (317532)

Dynamical processes on time-varying complex networks are key to understanding and modeling a broad variety of processes in socio-technical systems. Here we focus on empirical temporal networks of human proximity and we aim at understanding the factors that, in simulation, shape the arrival time distribution of simple spreading processes. Abandoning the notion of wall-clock time in favour of node-specific clocks based on activity exposes robust statistical patterns in the arr...

and design principles of low hole effective mass p-type transparent oxides

Miglio, Anna; Ceder, Gerbrand; Rignanese, Gian-Marco; Gonze, Xavier (2013)
Projects: EC | ORTCOS (321988)

The development of high-performance transparent conducting oxides is critical to many technologies from transparent electronics to solar cells. Whereas n-type transparent conducting oxides are present in many devices, their p-type counterparts are not largely commercialized, as they exhibit much lower carrier mobilities due to the large hole effective masses of most oxides. Here we conduct a high-throughput computational search on thousands of binary and ternary oxides and identify several hi...

Mixed volume and distance geometry techniques for counting Euclidean embeddings of rigid graphs

Emiris, Ioannis Z.; Tsigaridas, Elias; Varvitsiotis, Antonios (2012)
Projects: EC | SAGA (214584)

A graph G is called *generically minimally rigid in \mathbb{R}^d* if, for any choice of sufficiently generic edge lengths, it can

Search

Publications, data, projects, ...

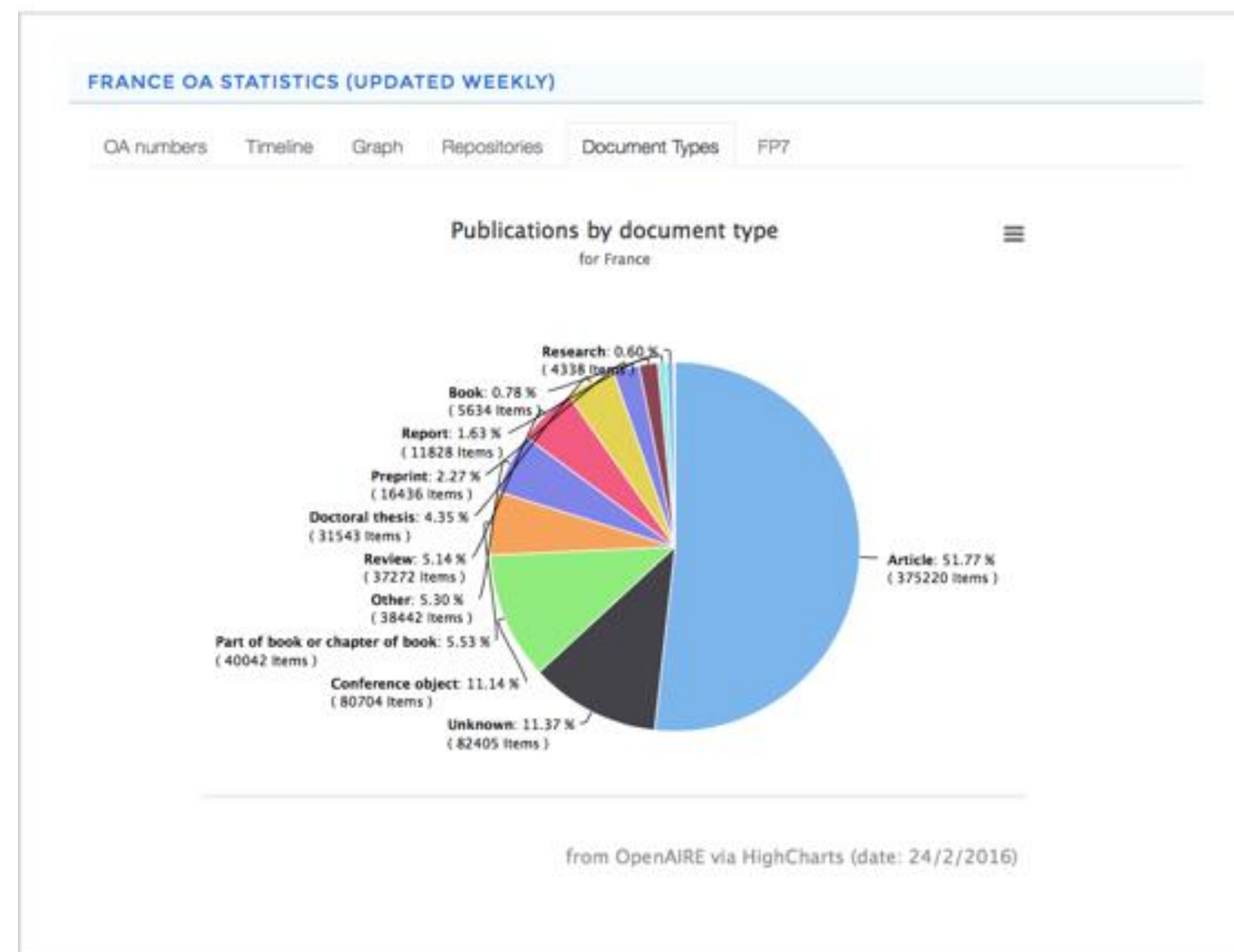
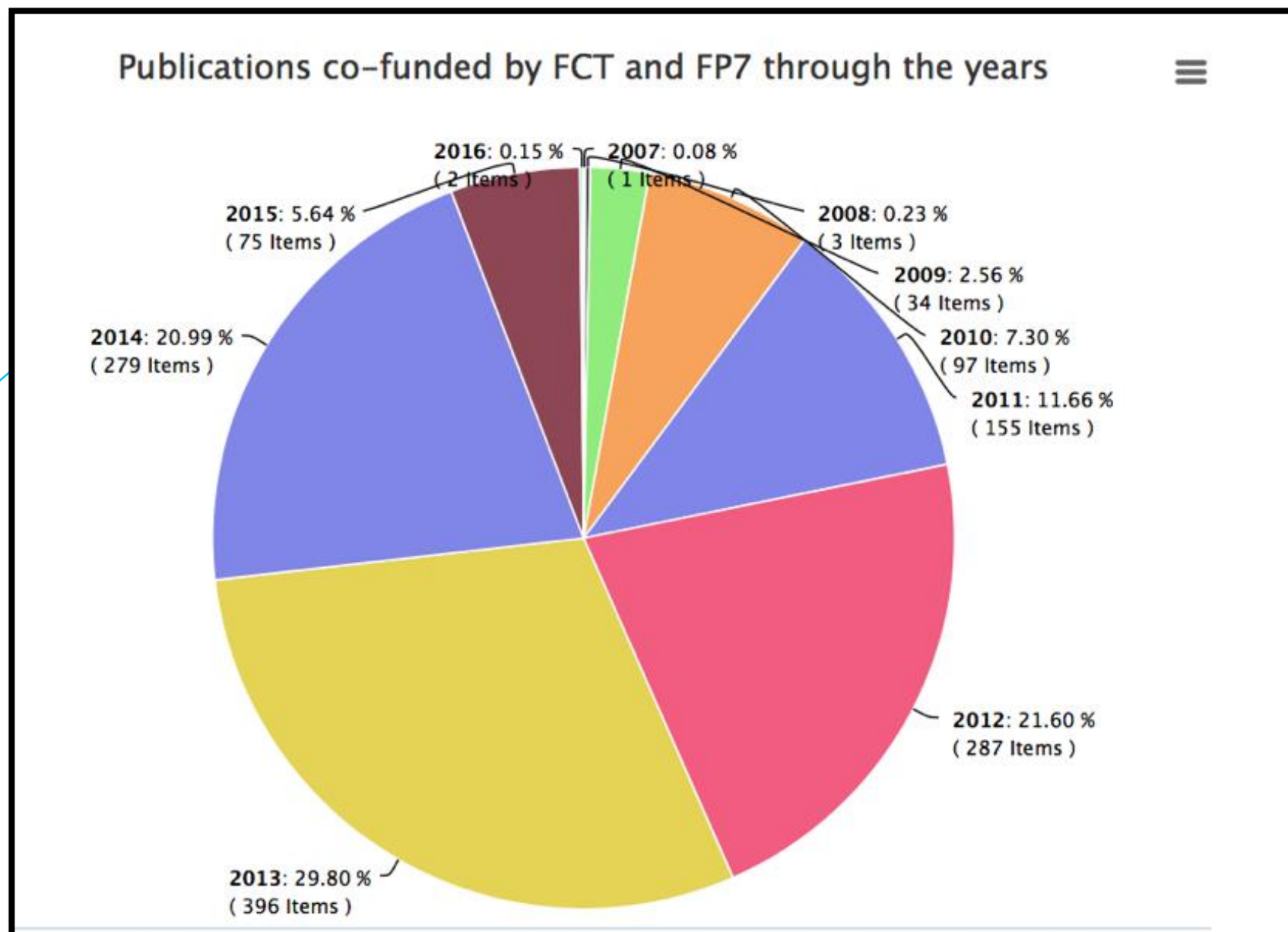
- all
- publications
- research data
- projects
- people
- organizations
- data providers

Data Providers

General information

Funder Statistics

More options: co-funded...





This is where you type in the event

Link research results portal facilities (1/4)

‘Claim’ functionality available for all national funders

The screenshot shows the OpenAIRE 'Link Research Results' portal interface. At the top left is the OpenAIRE logo. The navigation bar includes a home icon, 'PARTICIPATE', 'SEARCH', 'MONITOR', 'SUPPORT', and 'OPEN ACCESS'. Below the navigation bar, there are three steps: '1 IDENTIFY PROJECT', '2 SELECT PUBLICATIONS/DATASETS', and '3 SET ACCESS RIGHTS'. The main content area is divided into three sections: 'SELECT FUNDING AGENCY', 'SELECT CONTEXTS(S)', and 'Participate'. The 'SELECT FUNDING AGENCY' section has a dropdown menu for 'Funder:' with a list of agencies, including 'Croatian Science Foundation (CSF)' which is highlighted. The 'SELECT CONTEXTS(S)' section has two steps: '1. Select community and category' with dropdowns for 'Community:' and 'Category:', and '2. Select Contexts(s) BROWSE' with a text input field 'Please select concept...'. A 'PROCEED' button is located below the 'SELECT CONTEXTS(S)' section. The 'Participate' section lists options: 'Deposit Publications & Data', 'Link Research Results' (highlighted in blue), 'Validate / Register Repository', and 'Content policy'. At the bottom of the page, there are links for 'ABOUT', 'PARTNERS', and 'NOADS'. A blue banner at the bottom right contains the text: 'Link publication or datasets to projects: Identify the project, select publications or datasets and set the access rights.'

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

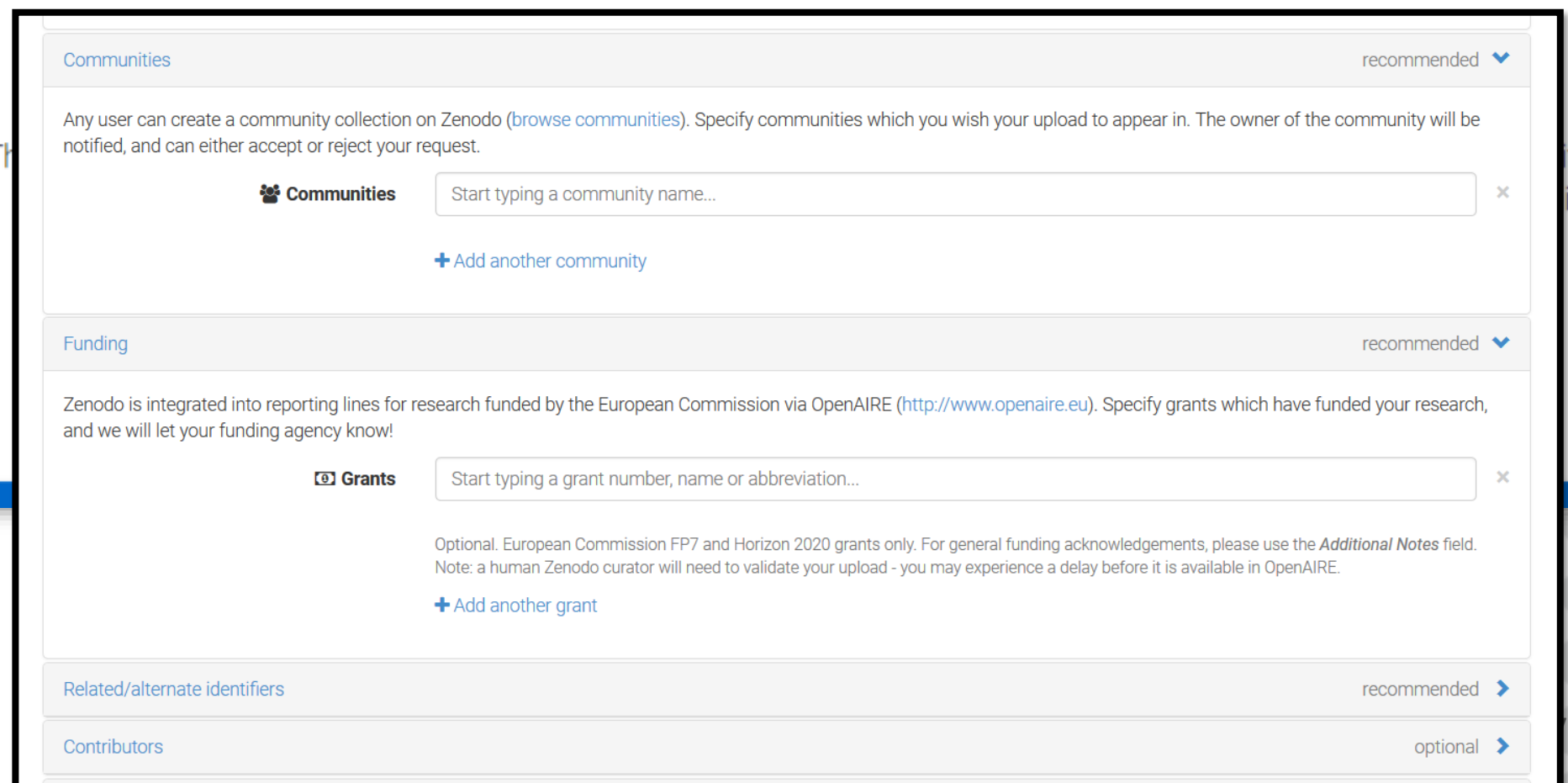
Zenodo – extended grant support (2/4)



Upcoming Features

Extended grant support

We are extending our grants database with 600,000 more grants from funders such as National Science Foundation (US), Wellcome Trust (UK), Fundação para a Ciência e a Tecnologia (Portugal) and the Australian Research Council - all thanks to OpenAIRE's ever growing grants database.



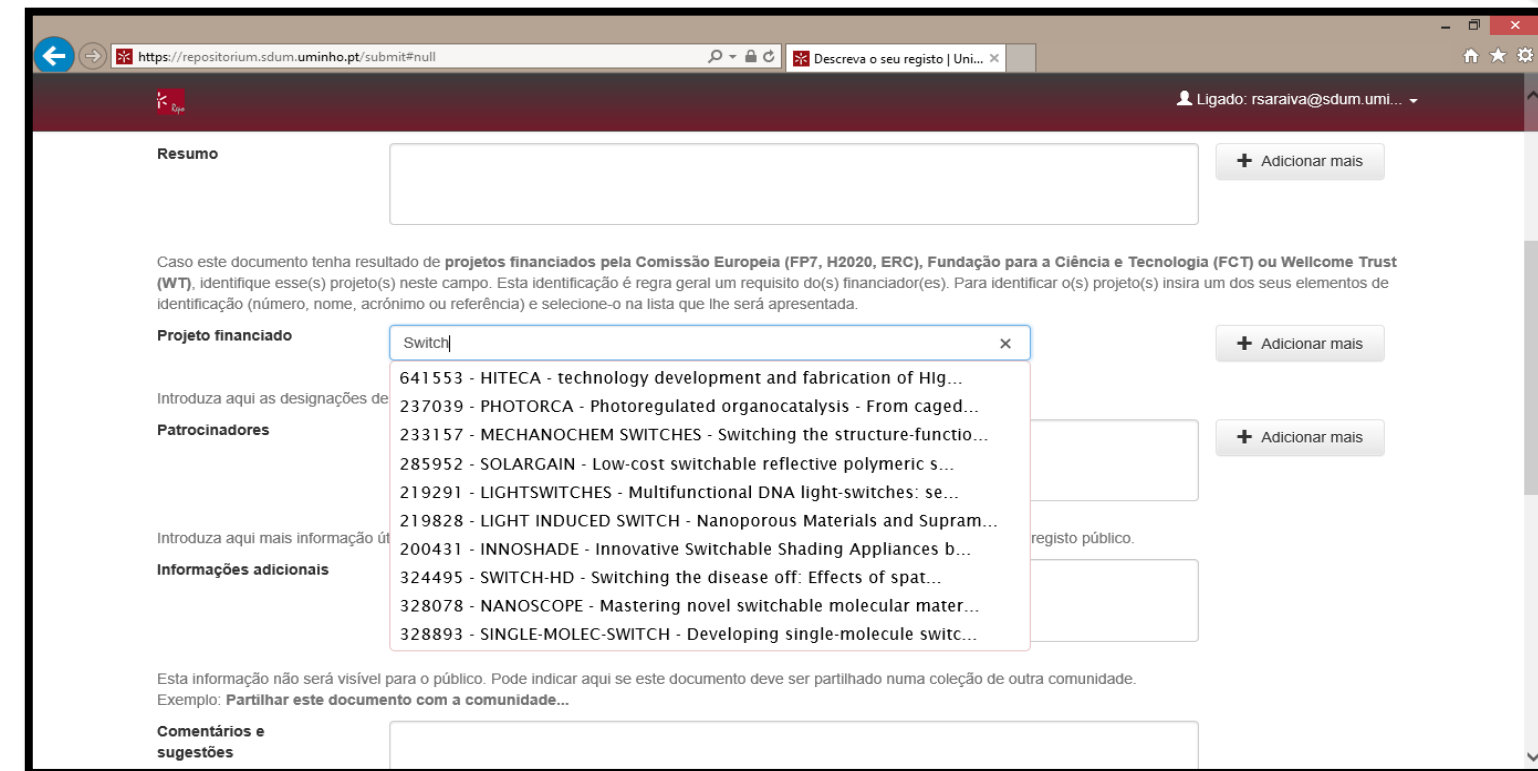
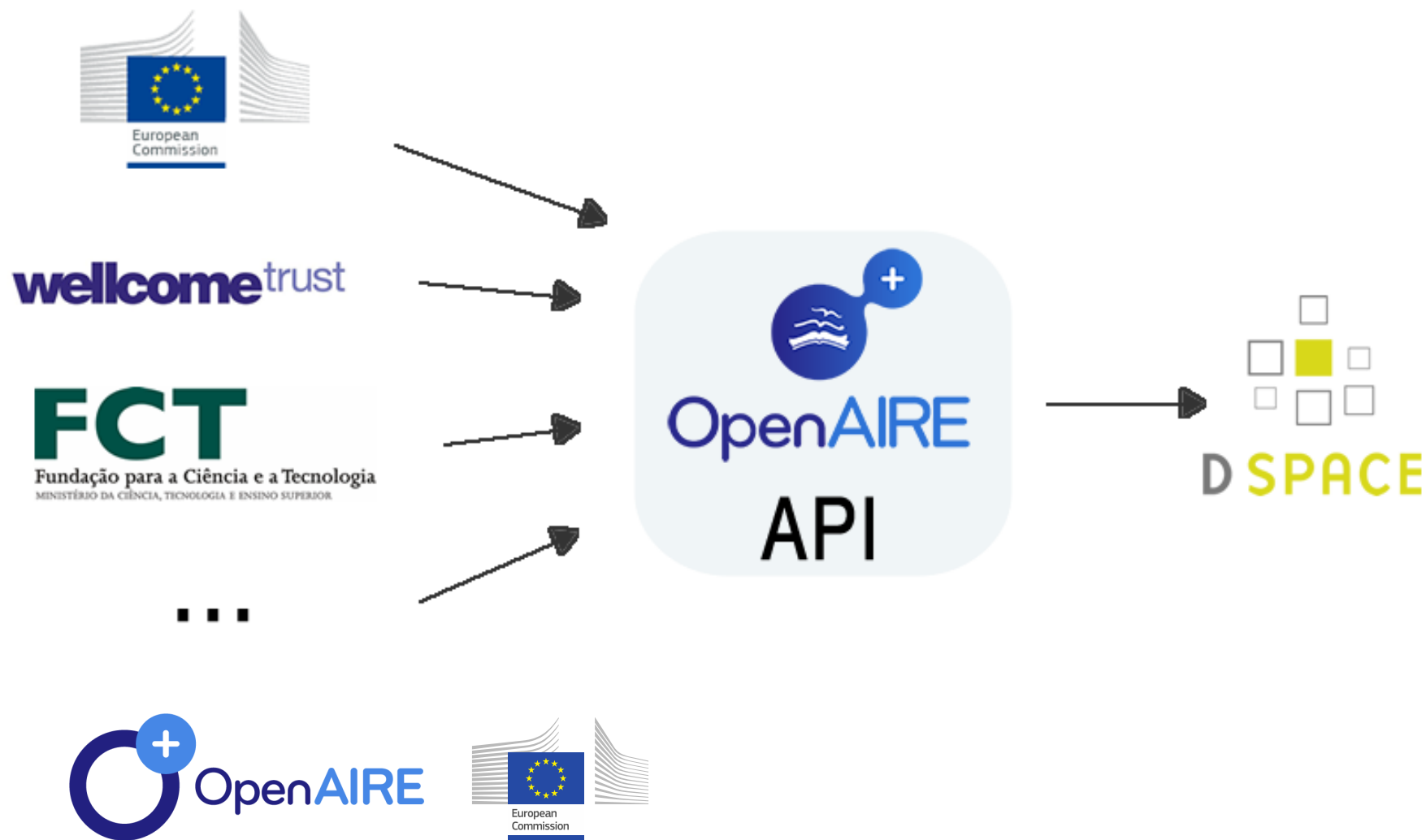
The screenshot shows a Zenodo upload form with the following sections:

- Communities** (recommended):
 - Text: "Any user can create a community collection on Zenodo ([browse communities](#)). Specify communities which you wish your upload to appear in. The owner of the community will be notified, and can either accept or reject your request."
 - Input field: "Start typing a community name..." with a search icon and a close button (x).
 - Link: "+ Add another community"
- Funding** (recommended):
 - Text: "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!"
 - Input field: "Start typing a grant number, name or abbreviation..." with a search icon and a close button (x).
 - Text: "Optional. European Commission FP7 and Horizon 2020 grants only. For general funding acknowledgements, please use the *Additional Notes* field. Note: a human Zenodo curator will need to validate your upload - you may experience a delay before it is available in OpenAIRE."
 - Link: "+ Add another grant"
- Related/alternate identifiers** (recommended) >
- Contributors** (optional) >

OpenAIRE API (3/4)

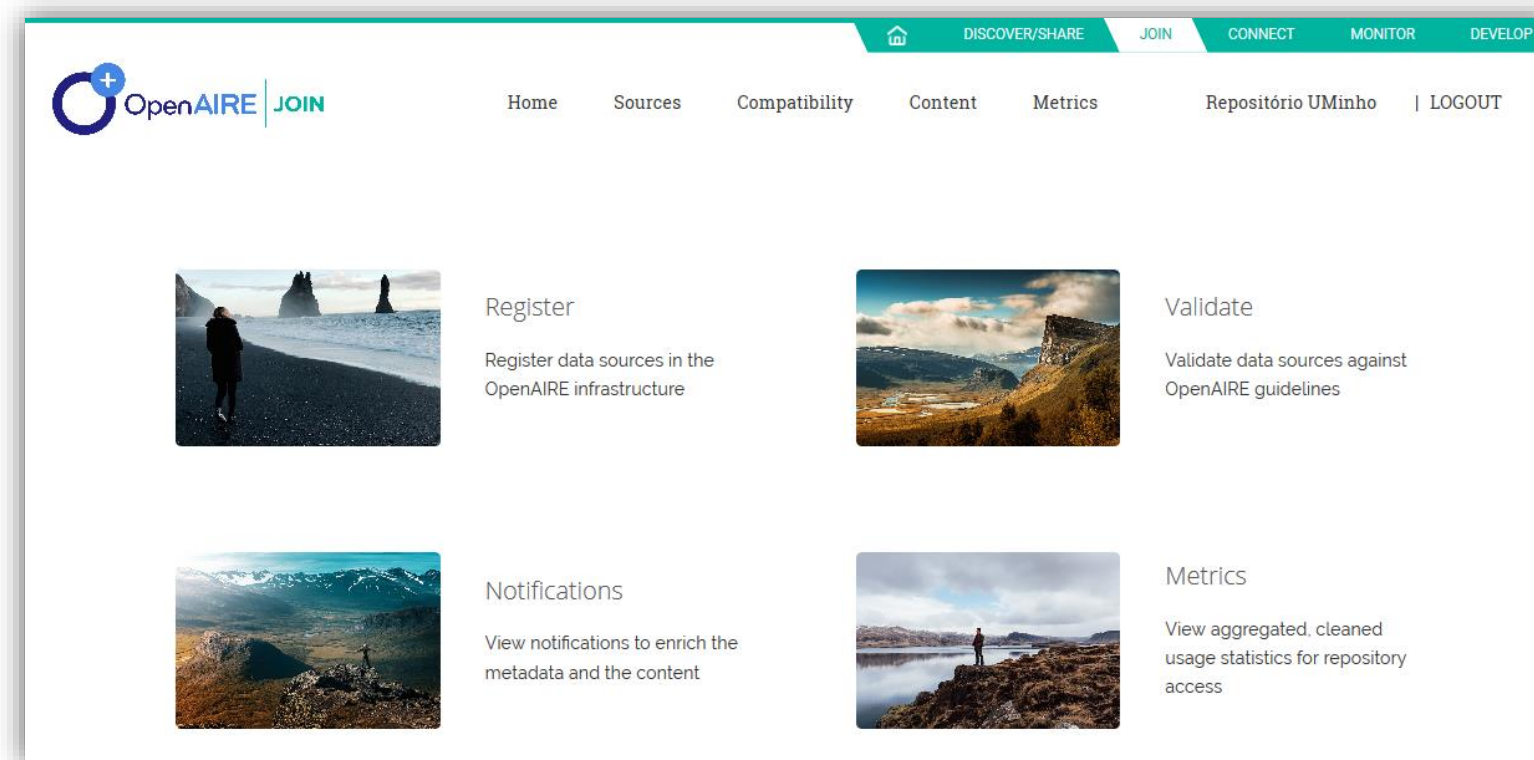
The APIs offer custom access to metadata about projects funded by all funders integrated in the OpenAIRE info space (Dspace, Eprints, other repository platforms).

(E.g. Funders Projects List Dspace Add-on)



Dashboard for Content Providers (4/4)

- IDEA: Repositories in OpenAIRE may be interested to acquire metadata information about publications that are “potentially of interest to them”: i.e. be part of their collection: add new records, enrich the records with extra metadata information.
- CHALLENGE: Literature broker service
 - Enrichment: harvesting from repository and return to repository its records if they have been “enriched” by deduplication and/or inference.



Dashboard Functionalities

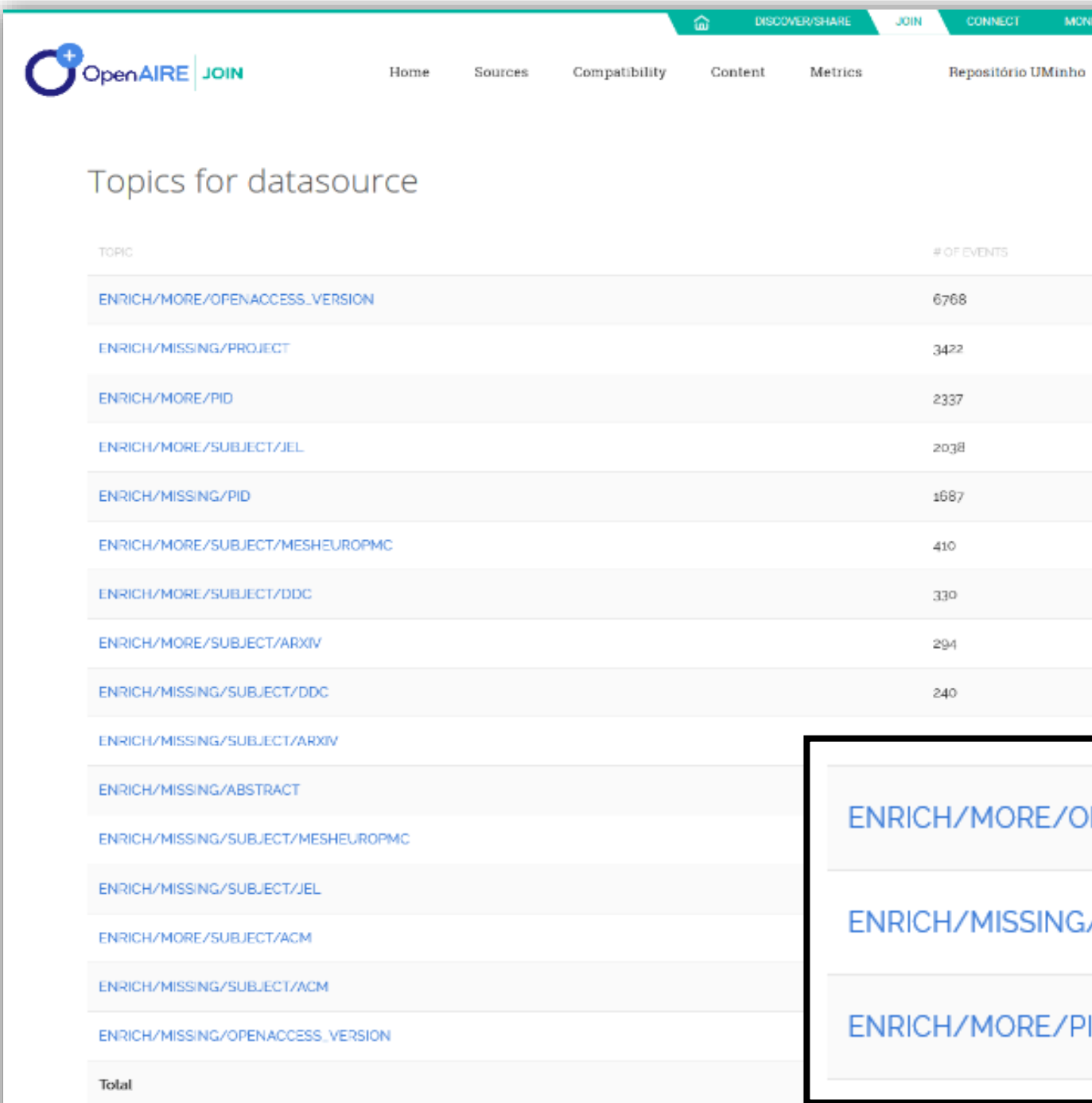
- ✓ Data source registration
- ✓ Validation (against guidelines)
- ✓ **Content enrichment and fixing**
- ✓ Content notifications
- ✓ Data source usage statistics

The screenshot shows the OpenAIRE dashboard with a navigation bar at the top containing 'DISCOVER/SHARE', 'JOIN', 'CONNECT', 'MONITOR', and 'DEVELOP'. Below this is a secondary navigation bar with 'Home', 'Sources', 'Compatibility', 'Content', 'Metrics', 'Repositório UMinho', and 'LOGOUT'. The main content area is divided into four cards:

- Register:** Register data sources in the OpenAIRE infrastructure. (Image: person on a beach)
- Validate:** Validate data sources against OpenAIRE guidelines. (Image: landscape with a stone wall)
- Notifications:** View notifications to enrich the metadata and the content. (Image: mountain landscape)
- Metrics:** View aggregated, cleaned usage statistics for repository access. (Image: person on a rocky shore)

This screenshot shows the 'Enrich Your Content - Browse Events' page. It features the OpenAIRE logo and navigation links for 'Home', 'Sources', and 'Compatibility'. The main heading is 'Enrich Your Content - Browse Events', followed by the instruction 'CHOOSE THE DATASOURCE FOR WHICH YOU WOULD LIKE TO VIEW EVENTS'. A red button with a white starburst icon and the text 'RepositórioUM' is visible. To the right, it displays 'Universidade do Minho: RepositoriUM (18256 events)'.

Content events - enrichments & alerts

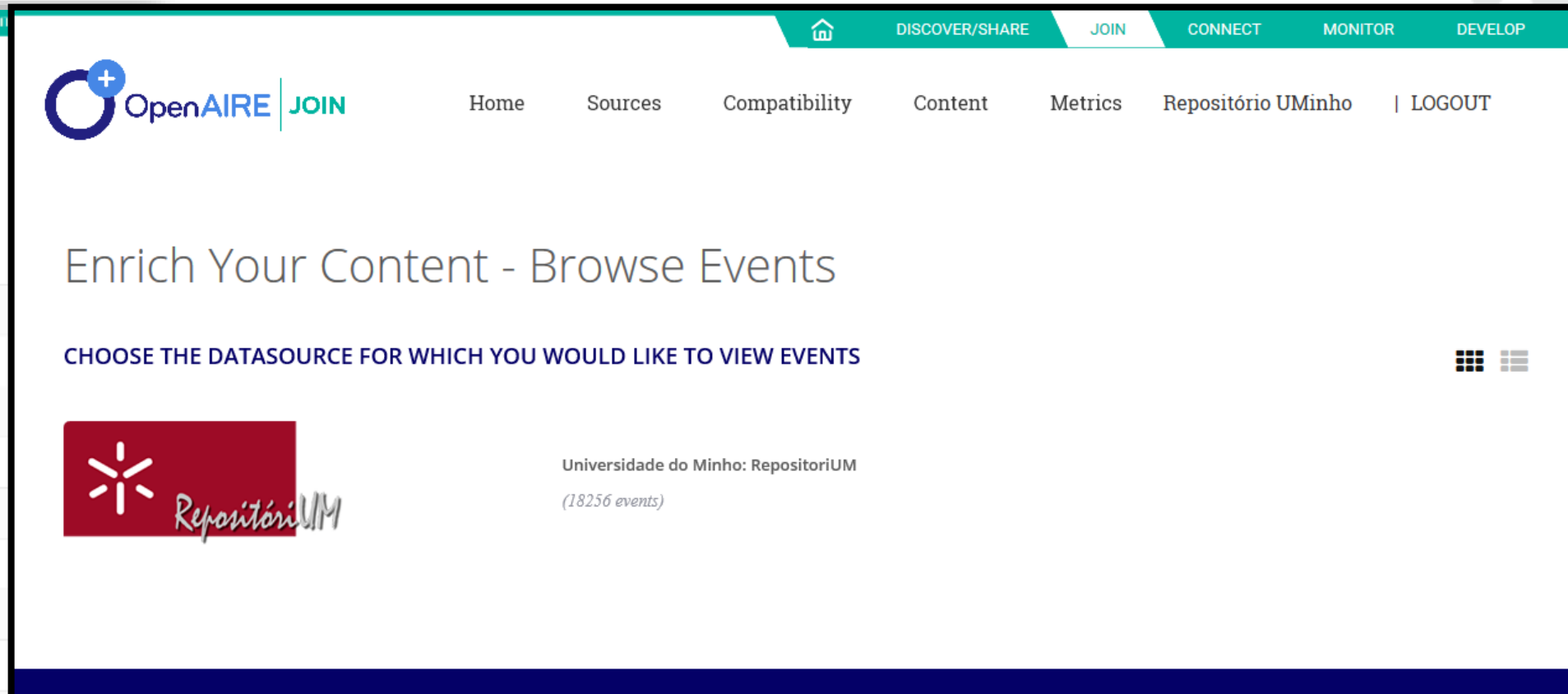


OpenAIRE JOIN

Home Sources Compatibility Content Metrics Repositório UMinho

Topics for datasource

TOPIC	# OF EVENTS
ENRICH/MORE/OPENACCESS_VERSION	6768
ENRICH/MISSING/PROJECT	3422
ENRICH/MORE/PID	2337
ENRICH/MORE/SUBJECT/JEL	2038
ENRICH/MISSING/PID	1687
ENRICH/MORE/SUBJECT/MESHEUROPMC	410
ENRICH/MORE/SUBJECT/DDC	330
ENRICH/MORE/SUBJECT/ARXIV	294
ENRICH/MISSING/SUBJECT/DDC	240
ENRICH/MISSING/SUBJECT/ARXIV	
ENRICH/MISSING/ABSTRACT	
ENRICH/MISSING/SUBJECT/MESHEUROPMC	
ENRICH/MISSING/SUBJECT/JEL	
ENRICH/MORE/SUBJECT/ACM	
ENRICH/MISSING/SUBJECT/ACM	
ENRICH/MISSING/OPENACCESS_VERSION	
Total	




OpenAIRE JOIN

Home Sources Compatibility Content Metrics Repositório UMinho | LOGOUT

Enrich Your Content - Browse Events

CHOOSE THE DATASOURCE FOR WHICH YOU WOULD LIKE TO VIEW EVENTS



Universidade do Minho: RepositoriUM
(18256 events)



ENRICH/MORE/OPENACCESS_VERSION	6768
ENRICH/MISSING/PROJECT	3422
ENRICH/MORE/PID	2337

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 pedroprincipe@sdum.uminho.pt