

OpenAIRE

services and tools for Open Science



TECHNOLOGICKÉ
CENTRUM AV ČR

NATIONAL WORKSHOP OPENAIRE – CZECH REPUBLIC | Prague | April 2018

Pedro Príncipe

University of Minho

OpenAIRE support & training manager





www.openaire.eu

15+ Technical Services

From basic infrastructure level
to value added

A hand holding a robotic arm with a target symbol, symbolizing precision and technical services.

34 National Open
Access Desks

OpenAIRE's e-infrastructure Commons

KEY STAKEHOLDERS SERVICES



Funders, research admins,
research communities

- Research impact
- Project reporting and monitoring
- Open Access trends



Content providers

- Repository validation
- Repository notification broker
- Repository analytics and usage stats



Researchers

- Claim publications, datasets, software
- Deposit publications, datasets, software
- Search & browse: interlinked publications, datasets, projects
- Open Access & DMP Helpdesk
- End-User feedback



INFO SPACE SERVICES

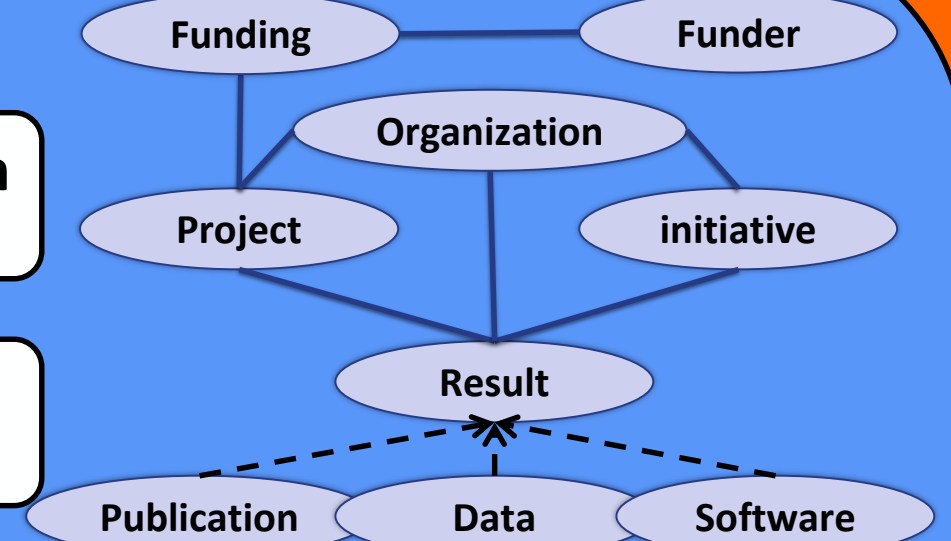
Cleaning

De-duplication

Validation

Enrichment
By inference

TERMS
OF USE



GUIDE
LINES

CONTENT PROVIDERS



Publications
repositories

Research Data
repositories

CRIS
systems

Registries
(e.g. projects)

OA
Journals

Software
Repositories



Key to Open Science uptake: **services for all**



Share, deposit and publish in OA

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

Discover, Access and Reuse

For all OpenAIRE stakeholders...

Gather outputs. View progress and report. Monitor.

Services for researchers, project coordinators and research managers

Link your research results

Services for researchers, project coordinators and research managers

Interoperability guidelines & validator.

Common standards/best practices for data providers (Guidelines for literature, data repositories, aggregators, OA journals, CRIS systems).
Validator: web service or standalone

Data providers, repositon managers, data archives and CRIS managars

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

one stop shop for OpenAIRE data providers

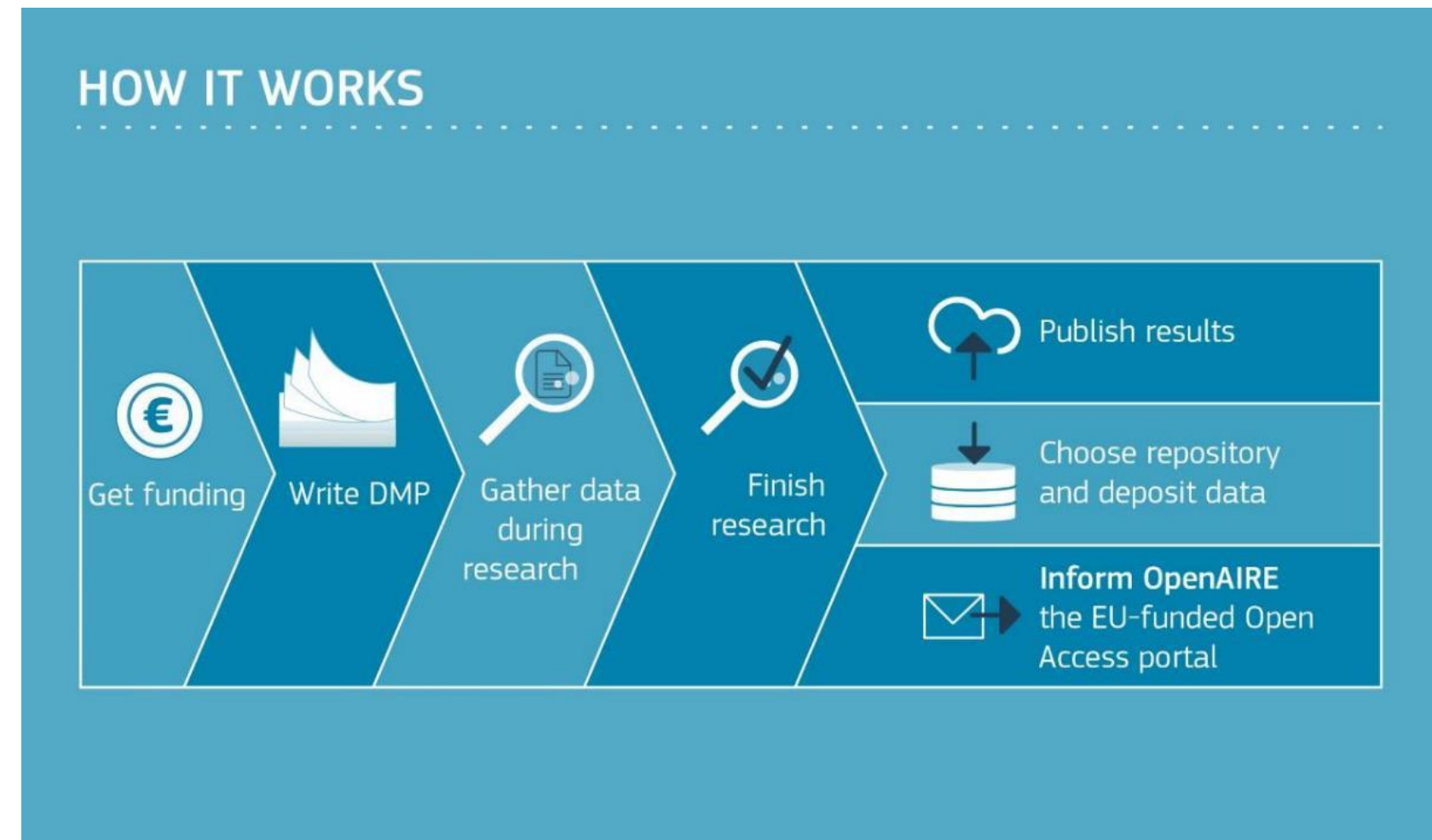
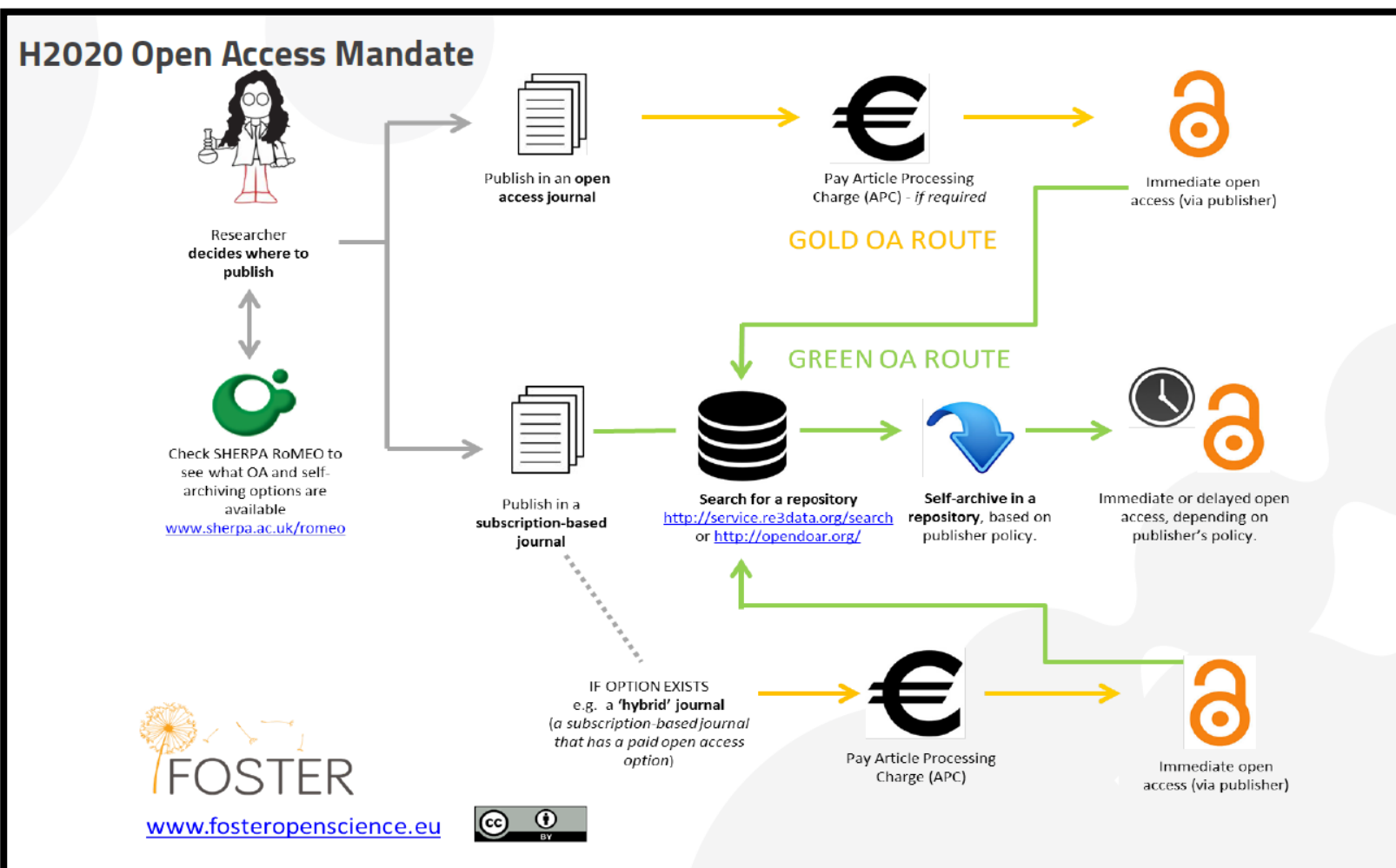
for friends... "the repository managers dashboard" 😊

Dashboard for contente providers

Share, deposit and publish in OA

*Why Open Science. How to comply.
What services to use.*

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!

Find where to deposit



BLOG

NEWSLETTER

HI, PEDRO PRINCIPE



PARTICIPATE

SEARCH

MONITOR

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

Vysoká škola báňská-Technická univerzita Ostrava (VŠB Technical University of Ostrava) (VŠB-TUO)

Datasource type

- Publication Repository
- Publication Repository Aggregator
- Journal
- Journal Aggregator/Publisher
- Institutional Repository
- Thematic Repository
- Institutional Repository Aggregator
- Registry

Compatibility

- OpenAIRE Basic (DRIVER OA)
- OpenAIRE 3.0 (OA, funding)
- OpenAIRE 2.0+ (DRIVER OA, EC funding)
- under validation
- collected from a compatible aggregator
- OpenAIRE 2.0 (EC funding)
- proprietary

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

- all countries selected
- Albania
 - Algeria
 - Argentina
 - Australia
 - Austria



DSpace NA VŠB-TUO

| | |
|------------------|---|
| Name | DSpace at VSB Technical University of Ostrava |
| Type | Institutional Repository |
| Items | 2131 Publications |
| Compatibility | OpenAIRE 3.0 (OA, funding) |
| OAI-PMH | http://dspace.vsb.cz/oai/request |
| More information | Detailed data provider information (OpenDOAR) |

Publications (2131) Research Data (0) Statistics

[view all 2131](#)

Type grain-size curves focusing on the zone of polygenetic loess sediments in the selected part of Ostrava Basin

Juriš, Peter; Marschalko, Marian; Fojtová, Lucie; Kovář, Luděk (2007)

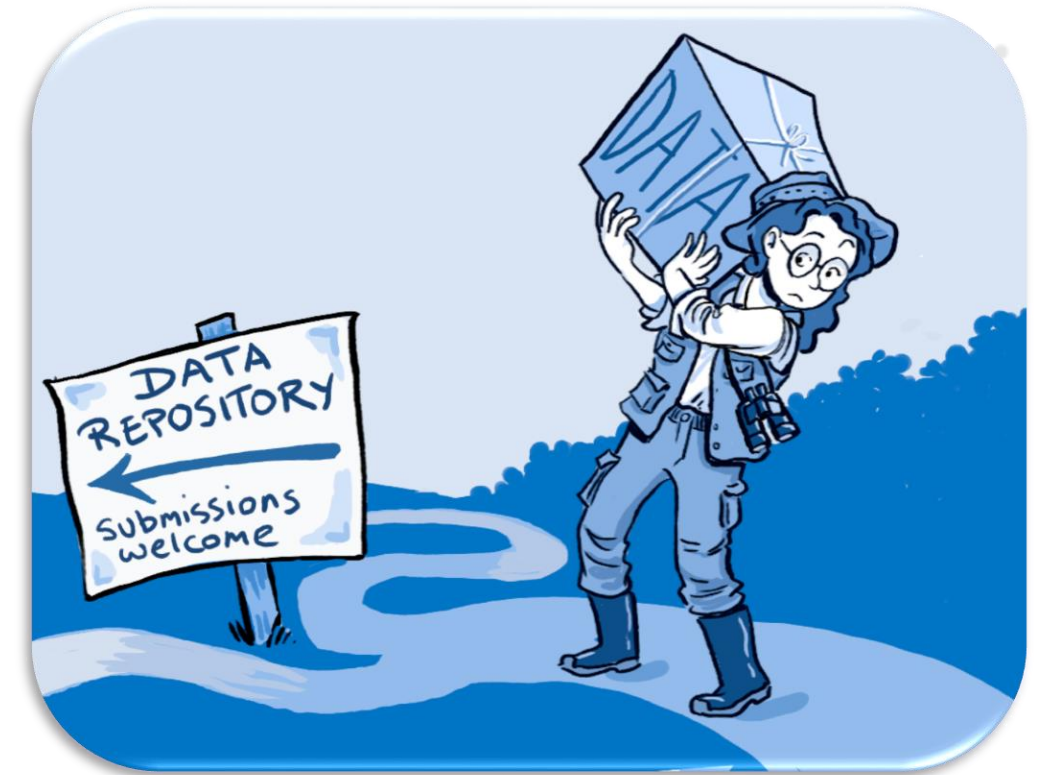
Spectral analysis of metallic surfaces topography generated by abrasive waterjet

Brillová, Kateřina; Ohlídal, Miloslav; Valíček, Jan; Kozak, Dražan; Hloch, Sergej; Zeleňák, Michal; Harničárová, Marta; Hlaváček, Petr (2012)



Short Facts about Zenodo

- Catch-all repository for EU funded research
- Up to 50 GB per upload
- Data stored in the CERN Data Center
- Persistent identifiers (DOIs) for every upload
- Includes article level metrics
- Free for the long tail of Science
- Open to all research outputs from all disciplines
- Easily add EC funding information and report via OpenAIRE





Acknowledge

PROJECT FUNDING IN THE PUBLICATION
OR DATASET METADATA RECORD

ACKNOWLEDGE

PROJECT FUNDING IN THE PUBLICATION OR DATASET METADATA RECORD

New upload

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

Files

Drag and drop files here

— or —

Choose files

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

Upload type

Publication Poster Presentation Dataset Image Video/Audio Software

Publication Type: Journal article

Basic Information

Digital Object Identifier: e.g. 10.1234/foo.bar

Optional. Did your publisher already assign a DOI to your upload or do you want to assign one to easily and unambiguously cite your upload?

Preassigned DOI:

Publication Date: 2016-09-29

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

Title:

Required.

Authors: Family Name, Given names Affiliation

Funding

recommended

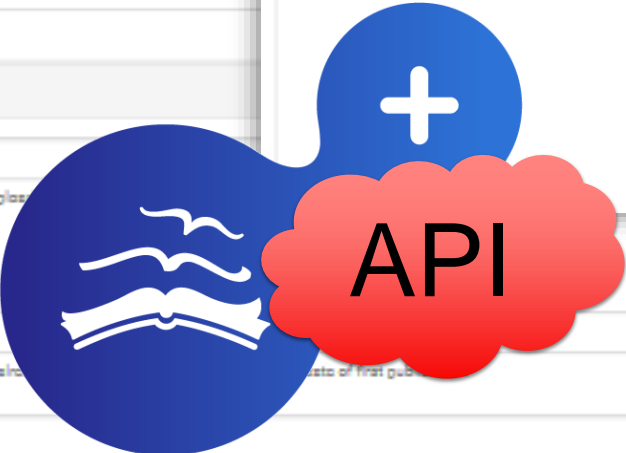
Zenodo is integrated into reporting lines for research funded by the European Commission via OpenAIRE (<http://www.openaire.eu>). Specify grants which have funded your research, and we will let your funding agency know!

Grants

Open Access Infrastructure for Research in Europe 2020

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.

+ Add another grant



e.g. ZENODO

OpenAIRE Funders Projects List

REPOSITORIES DEPOSIT WORKFLOW:

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

Resumo

+ Adicionar mais

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 regra geral 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

Switch|

+ Adicionar mais

Introduza aqui as designações de

Patrocinadores

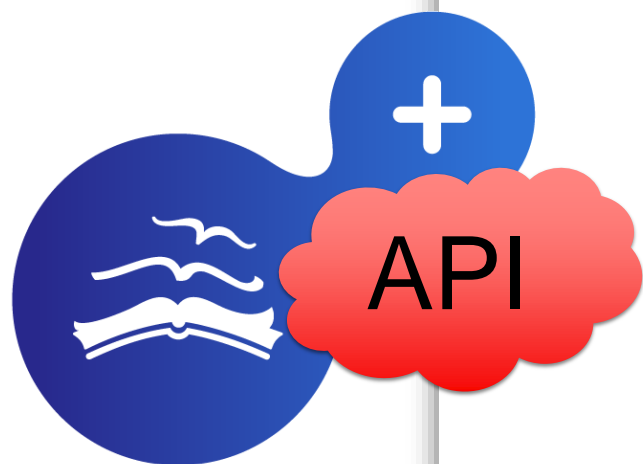
+ Adicionar mais

Introduza aqui mais informação útil

Informações adicionais

registo público.

- 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...



Discover, Access and Reuse

For all OpenAIRE stakeholders...


 Search in 24,085,848 publications 688,870 datasets from 11,465 repositories and OA journals

All

- Publications
- Research Data
- Projects
- People
- Organizations
- Data Providers

| FUNDER | ACCESS MODE | PUBLICATION YEAR | DOCUMENT TYPE |
|---|--|---|---|
| European Commission (241391) National Institutes o... (163258) National Science Foun... (133115) Wellcome Trust (53600) Swiss National Scienc... (50901) View more | Open Access (22727228) Restricted (270931) Closed Access (132800) not available (33929) Embargo (6015) | 2015 (1851014) 2014 (1804975) 2016 (1706353) 2013 (1640377) 2012 (1520597) View more | Article (13655954) Unknown (1937405) Preprint (1798778) Research (1345195) Doctoral thesis (1230289) View more |
| DOCUMENT LANGUAGE | DATA PROVIDER | COMMUNITIES | |
| English (11088201) Undetermined (2069957) Japanese (1945685) Russian (1604386) Portuguese (1181545) View more | Europe PubMed Central (4444873) DOAJ-Articles (2971649) JAIRO (2537755) arXiv.org e-Print Arc... (1333969) CyberLeninka - Russia... (1250514) View more | EGI Foundation (23930) FET FP7 (7587) FET H2020 (943) | |

Search all entities

All 

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

FUNDER

- [European Commission \(241391\)](#)
- [National Institutes o... \(163258\)](#)
- [National Science Foun... \(133115\)](#)
- [Wellcome Trust \(53600\)](#)
- [Swiss National Scienc... \(50901\)](#)
- [View more](#)

ACCESS MODE

- [Open Access \(22727228\)](#)
- [Restricted \(270931\)](#)
- [Closed Access \(132800\)](#)
- [not available \(33929\)](#)
- [Embargo \(6015\)](#)

PUBLICATION YEAR

- [2015 \(1851014\)](#)
- [2014 \(1804975\)](#)
- [2016 \(1706353\)](#)
- [2013 \(1640377\)](#)
- [2012 \(1520597\)](#)
- [View more](#)

DOCUMENT TYPE

- [Article \(13655954\)](#)
- [Unknown \(1937405\)](#)
- [Preprint \(1798778\)](#)
- [Research \(1345195\)](#)
- [Doctoral thesis \(1230289\)](#)
- [View more](#)

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- [View more](#)

DATA PROVIDER

- [Europe PubMed Central \(4444873\)](#)
- [DOAJ-Articles \(2971649\)](#)
- [JAIR0 \(2537755\)](#)
- [arXiv.org e-Print Arc... \(1333969\)](#)
- [CyberLeninka - Russia... \(1250514\)](#)
- [View more](#)

COMMUNITIES

- [EGI Foundation \(23930\)](#)
- [FET FP7 \(7587\)](#)
- [FET H2020 \(943\)](#)

READEX

| | |
|----------------------|--|
| Title | Runtime Exploitation of Application Dynamism for Energy-efficient eXascale computing |
| Funding | EC H2020 RIA |
| Call | H2020-FETHPC-2014 |
| Contract (GA) number | 671657 |
| Start Date | 2015/09/01 |
| End Date | 2018/08/31 |
| Open Access mandate | yes |
| Data Pilot | no |
| Organizations | NUI Galway, VSB, GNS, INTEL, TUM, NTNU, TUD |
| More information | Detailed project information (CORDIS) |

Publications (15)

Research Data (0)

Statistics 

[view all 15](#)

Autotuning of MPI Applications Using PTF

Sikora, Anna; César, Eduardo; Comprés, Isaías; Gerndt, Michael (2016)
Projects: [EC | READEX \(671657\)](#)



The energy consumption optimization of the BLAS routines

Sojka, Radim; Říha, Lubomír; Horák, David; Kružík, Jakub; Beseda, Martin; Čermák, Martin (2017)

Languages: English

Types: Conference object

Subjects: BLAS, READEX, energy consumption, CPU frequency

[Show additional classifications +](#)

Identifiers: [doi:10.1063/1.4992522](#)

The paper deals with the energy consumption evaluation of selected Sparse and Dense BLAS Level 1, 2 and 3 routines. Authors employed AXPY, Sparse Matrix-Vector, Sparse Matrix-Matrix, Dense Matrix-Vector, Dense Matrix-Matrix and Sparse Matrix-Dense Matrix multiplication routines from Intel Math Kernel Library (MKL). The measured characteristics illustrate the different energy consumption of BLAS routines, as some operations are memory-bounded and others are compute-bounded. Based on their recommendations one can explore dynamic frequency switching to achieve significant energy savings up to 23%.

[LINK TO PROJECT](#)

[LINK TO RESEARCH DATA](#)


[DEPOSIT PUBLICATIONS](#)



SHARE - BOOKMARK




DOWNLOAD FROM


[DSpace at VSB Technical University of Ostrava](#) 

FUNDED BY PROJECTS

[EC | READEX](#) 

RELATED TO

[FET-H2020](#)  [FET HPC: HPC Core Technologies, Programming Environments and Algorithms for Extreme Parallelism and Extreme Data Applications](#)

[FET-H2020](#)  [FET HPC: Runtime](#)

DATA PROVISION - 3rd party providers

OpenAIRE API – Bulk

- OAI – PMH
 - http://api.openaire.eu/oai_pmh
- Bulk access to projects
 - DSpace endpoint:
[http://api.openaire.eu/projects/dspace/\\$fundingStream/ALL/ALL](http://api.openaire.eu/projects/dspace/$fundingStream/ALL/ALL)
 - ePrints endpoint:
[http://api.openaire.eu/projects/eprints/\\$fundingStream/ALL/ALL](http://api.openaire.eu/projects/eprints/$fundingStream/ALL/ALL)
- Examples:
 - <http://api.openaire.eu/projects/eprints/WT/ALL/ALL>
 - <http://api.openaire.eu/projects/eprints/FP7/SP2/AL>

OpenAIRE API – Selective

The number of total results returned by one query is limited to 10,000.

<http://api.openaire.eu/search/publications>

<http://api.openaire.eu/search/datasets>

<http://api.openaire.eu/search/projects>

XML, JSON, TSV, CSV.

Examples:

<http://api.openaire.eu/search/publications?FP7ProjectID=246686>

<http://api.openaire.eu/search/projects?funder=EC>

Participant portal.



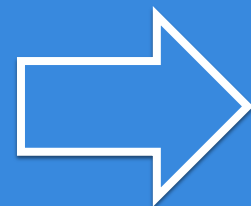
Link your research results

*Services for researchers, project
coordinators and research managers*

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...

ELISA

SHARE - BOOKMARK

APP BOX

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

LINK RESEARCH RESULTS

DEPOSIT PUBLICATIONS

Publications (729) | Research Data (0) | Statistics

view all 729

IR action spectroscopy shows competitive oxazolone and diketopiperazine formation in peptides depends on peptide length and identity of terminal residue in the departing fragment

Morrison, L. J.; Chamot-Rooke, J.; Wysocki, V. H. (2014)
 Projects: EC | ELISA (226716)

UV-induced tetrazole-thiol reaction for polymer conjugation and surface functionalization

Feng, Wenqian; Li, Linxian; Yang, Chengwu; Welle, Alexander; Trapp, Oliver; Levkin, Pavel A
Publisher: Karlsruhe
Type: dataset
 Identifiers: [doi:10.5445/IR/110101434](https://doi.org/10.5445/IR/110101434)

LINK TO PUBLICATION

Related Publications (0) | Related Research Data (0)

No related publications.

Protein-Protein and Protein-Ligand Docking

Hernández-Santoyo, Alejandra; Tenorio-Barajas, Aldo Yair; Altuzar, Víctor; Vivanco-Cid, Héctor; Mendoza-Barrera, Claudia (2013)
Publisher: InTech
Languages: English
Types: Part of book or chapter of book
Subjects:

LINK TO PROJECT | **LINK TO RESEARCH DATA**

References (48) | Related Research Data (0) | Similar Publications (0) | BioEntities (1)

Search:

| BioEntity | Site Name |
|----------------------|-------------------|
| 10ke | Protein Data Bank |

A white brick wall serves as the background. Several light bulbs are hanging from above by thin wires. Some bulbs are lit, casting a warm glow, while others are unlit. The bulbs vary in shape and size, including standard incandescent bulbs and a tall, thin, spiral-shaped bulb.

**Gather outputs.
View progress and
report. Monitor.**

Services for researchers, project coordinators and research managers

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 

SHARE - BOOKMARK



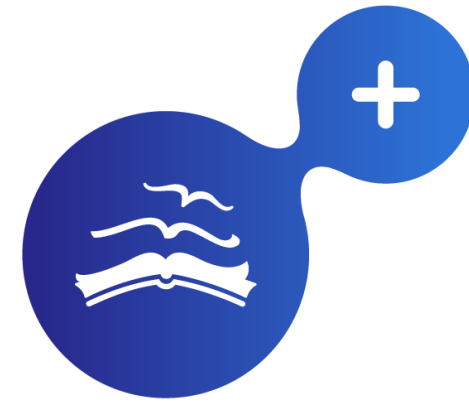
APP BOX

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

[LINK RESEARCH RESULTS](#)

[DEPOSIT PUBLICATIONS](#)

**PROJECT
PUBLICATIONS
AND DATASETS**



OpenAIRE



Automatically



EC's participant portal

Grant Management | Project Continuous Report

643410 (OpenAIRE2020) RIA

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

Publishable Summary Deliverables Milestones Critical Risks Publications Patents (IPR) Gender

Publications 1

This project does not currently have any scientific publication

Suggested publications from OpenAIRE (9 publications) 1

| No. | Type | Title | Authors | Title of the Journal/Proc./Book | Date of Acceptance | DOI |
|-----|---------|--|--------------------------------------|---------------------------------|--------------------|--------------------------|
| 1 | Other | Establishing of a Slovenian open access infrastructure | Hrovat, Goran; Kotar, Mojca; Ferme, | | 24/12/2015 | 10.1108/PROG-02-2014-000 |
| 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 from | Dendek, Piotr Jan; Szostek, Pawe | | 01/01/2015 | |

Project publications (12 publications) 1

| No. | Type | Title | Authors | Title of the Journal/Proc./Book | Number, date or freq. of the Journal/Proc./Book | DOI |
|-----|----------------|--|--------------------------------------|--|---|----------------------------|
| 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- |
| 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 from | Dominika Tkaczyk, Paweł Szostek, M | International Journal on Document Analysis and I | 18/4 | 10.1007/s10032-015-0249- |
| 6 | Article in Joi | Structured Affiliations Extraction from Scientific Literature | Dominika Tkaczyk, Bartosz Tarnawsl | D-Lib Magazine | 21/11/12 | 10.1045/november2015-tkacz |
| 7 | Publication i | On bridging data centers and publishers: the data-literature | Burton Adrian | MTSR 2015 - 9th Metadata and Semantics Resear | | |
| 8 | | Mapping Large Scale Research Metadata to Linked Data: A Pe | SaharVahdati | 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 | | |

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

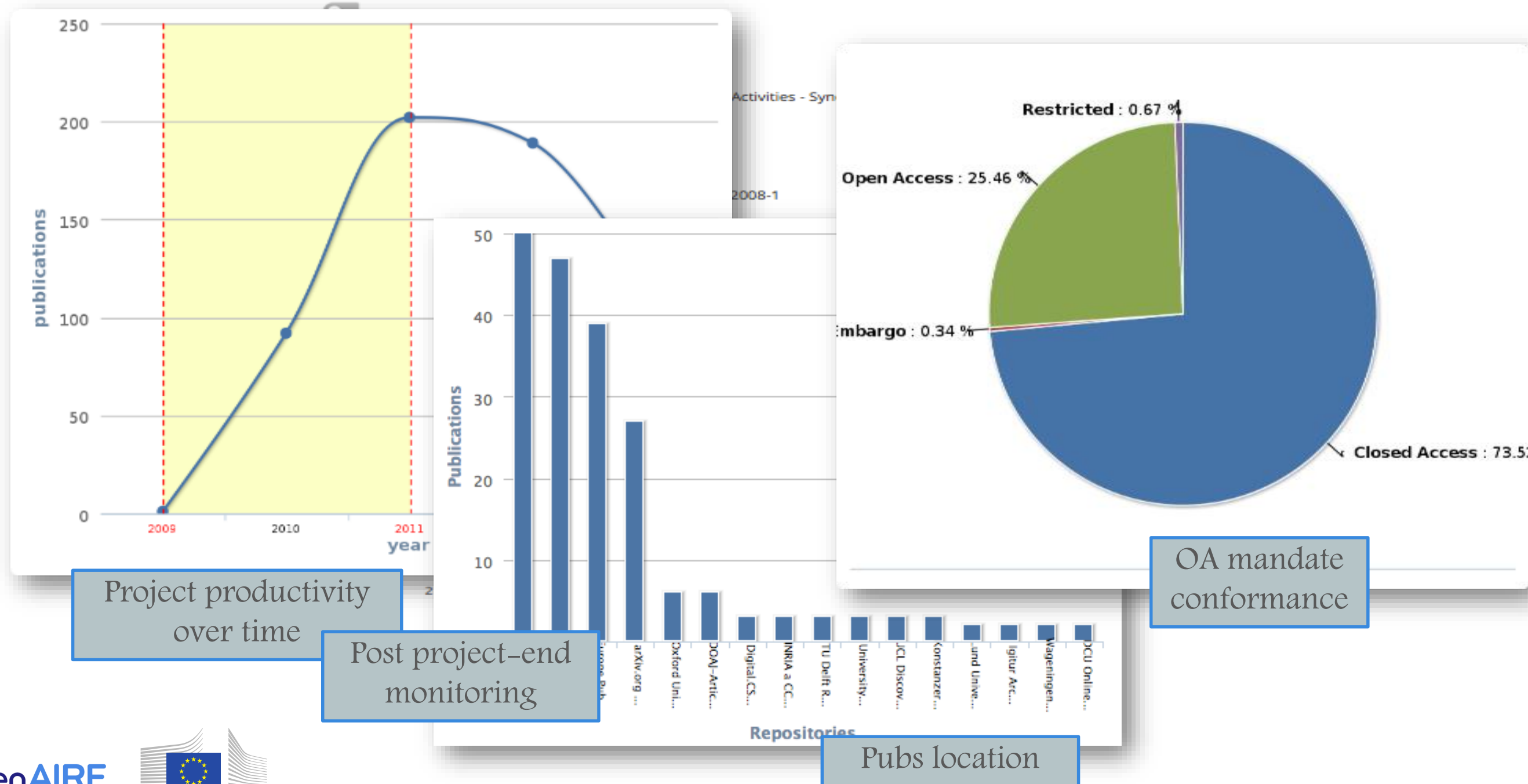
Latest Legal Data
Process List
Document Library
Communication Center

H2020 ONLINE MANUAL

HOW TO

Continuous or Final Reporting

Project overview



Project productivity over time

Post project-end monitoring

OA mandate conformance

Pubs location

A lighthouse on a rocky cliff overlooking the ocean under a cloudy sky.

Services for Funders

Aligning Open Science policies
Synchronizing infrastructures
Monitoring and reporting

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

EC projects and funding streams pages and stats

OpenAIRE

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

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

ABOUT PUBLICATIONS

TOP 30 PROJECTS IN PUBLICATIONS

ERC Publications by project (top 30)

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

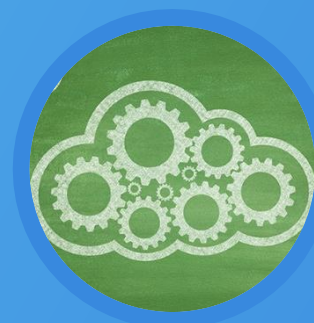
- COH
- ENERGY
- ENV
- ERC
- Fission
- Fusion
- GA

FP7 publications through the years

Funders related activities in OpenAIRE



Align and support OA policies



APIs with projects list for repository software



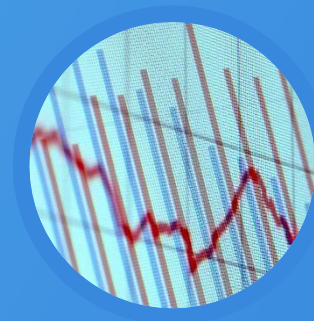
Sync infrastructures and Support national e-infrastructures



Text mining and inference



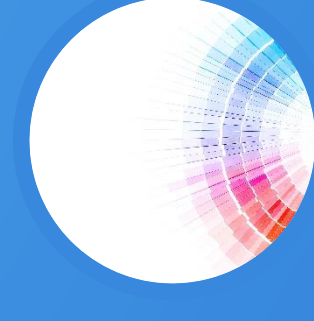
Guidelines for metadata funding info



Statistics and reporting



Monitor mandate compliance



Analytics and trends

Funders Integration status (April. 2018):

| 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 | Production |
| Austrian Science Fund (FWF) | Austria | Production |
| Research Council UK (RCUK) | UK | Production |
| Tara Expedition Foundation (TARA) | France | BETA |
| Scientific and Technological Research Council of Turkey (Tubitak) | Turkey | Production |
| Academy of Finland | Finland | BETA |
| CONICYT | Chile | BETA |
| Ministry of Economy, Industry and Competitiveness | Spain | BETA |
| German Research Foundation (DFG) | Germany | BETA |

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](#)



All Search keywords SEARCH

| FUNDER | PROVIDER | PUBLICATION YEAR | DOCUMENT TYPE |
|-----------------------------------|-----------------------------------|------------------|--------------------|
| European Commission (202845) | PubMed Central (4080897) | 2013 (1263800) | Article (10750326) |
| National Institutes o... (160051) | Articles (2895333) | 2014 (1250662) | Unknown (2582032) |
| National Science Foun... (126098) | Science Foundation Ir... (187351) | 2012 (1250662) | |
| Wellcome Trust (48598) | e-Print Arc... (1314601) | 2011 (100987) | |
| Swiss National Scienc... (47509) | encia (1258116) | 2015 (100987) | |
| Research Council UK (25998) | View more | View more | |
| Fundação para a Ciênc... (22324) | | | |
| Netherlands Organisat... (12657) | | | |
| Austrian Science Fund... (10795) | | | |
| Australian Research C... (9613) | EGI Foundation (17241) | | |
| National Health and M... (9530) | Marine Environmental ... (10458) | | |
| Ministry of Education... (7942) | FET FP7 (6361) | | |
| Comisión Nacional de ... (5254) | Environment and Economy (4443) | | |
| Gobierno de España (4622) | FET H2020 (598) | | |
| Science Foundation Ir... (2162) | View more | | |
| Türkiye Bilimsel ve T... (1421) | | | |
| Ministry of Science, ... (824) | | | |
| Croatian Science Foun... (72) | | | |
| Tara Expeditions Foun... (48) | | | |

Publications




All Search keywords SEARCH

| FUNDER | YEAR | END YEAR |
|------------------------------------|-----------|---------------|
| National Institutes o... (1682692) | 1884 | 2016 (108163) |
| National Science Foun... (497646) | 892 | 2013 (106061) |
| Research Council UK (75846) | 283 | 2012 (101709) |
| Swiss National Scienc... (67099) | 620 | 2015 (100987) |
| European Commission (41130) | 835 | 2011 (100921) |
| Fundação para a Ciênc... (37277) | View more | |
| National Health and M... (25415) | | |
| Australian Research C... (24269) | | |
| Netherlands Organisat... (24180) | | |
| Suomen Akatemia (23932) | | |
| Deutsche Forschungsge... (21796) | | |
| Türkiye Bilimsel ve T... (16609) | | |
| Austrian Science Fund... (13661) | | |
| Wellcome Trust (12753) | | |
| Comisión Nacional de ... (8613) | | |
| Gobierno de España (6674) | | |
| Science Foundation Ir... (3411) | | |
| Ministry of Science, ... (2120) | | |
| Croatian Science Foun... (881) | | |
| Ministry of Education... (777) | | |
| Tara Expeditions Foun... (5) | | |

PROJECTS

- ABOUT
- NEWS
- DOCUMENTS
- PARTNERS
- EVENTS
- HELPDESK
- GUIDELINES
- NOADS
- BLOG
- CONTACT US
- APIS



[PARTICIPATE](#)
[SEARCH](#)
[MONITOR](#)

FCT - FOUNDATION FOR SCIENCE AND TECHNOLOGY


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

| | |
|---------------|--|
| Name | FCT - Fundação para a Ciência e a Tecnologia |
| Type | Funder database |
| Items | - |
| Compatibility | proprietary |
| OAI-PMH | - |

[Publications \(0\)](#)
[Research Data \(0\)](#)
[Statistics](#)

No data provider research data found

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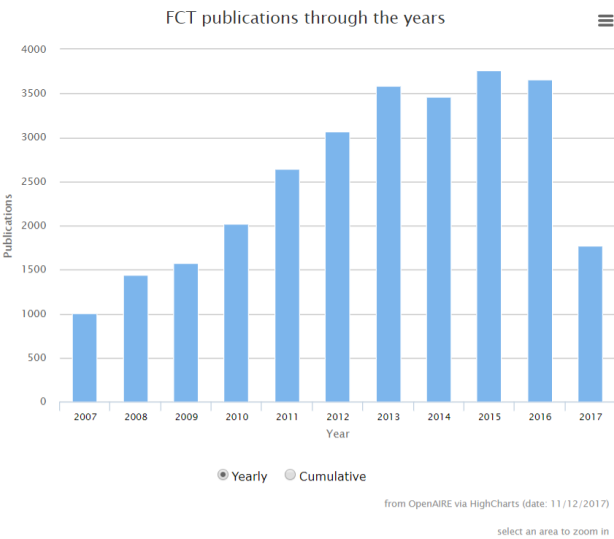
FCT - Fundação para a Ciência e a Tecnologia

Updated on 28 November 2017

[Twitter](#)
[Facebook](#)
[LinkedIn](#)
[Google+](#)
[Email](#)
[Print](#)
[Share](#)

30,197 publications in 12,793 projects (total of 37,277 projects)

28,185 are OA, 963 are restricted and 78 are still in embargo [Graph](#)



| Year | Publications |
|------|--------------|
| 2007 | 1000 |
| 2008 | 1400 |
| 2009 | 1500 |
| 2010 | 2000 |
| 2011 | 2600 |
| 2012 | 3000 |
| 2013 | 3500 |
| 2014 | 3400 |
| 2015 | 3800 |
| 2016 | 3600 |
| 2017 | 1700 |

[Statistics](#)

- OA in Europe
- EC FUNDING
 - FP7
 - H2020
 - ERC
 - FET
- EU FUNDERS
 - FCT
 - NWO
 - MESTD
 - MZOS
 - SFI
- RESEARCH COMMUNITIES
 - EGI

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

OpenAIRE computes statistics based on data retrieved from a range of sources: OA repositories and journals (literature and data), CRIS systems, library databases and end-user feedbacks.

To come up with the numbers we employ a variety of deduplication, cleaning, transforming and text-mining processes on the metadata, as well as on the actual content when this is available.

Please let us know how we can improve with new stats, or tell us if you see any discrepancies that we should know about.

[ABOUT PUBLICATIONS](#)

- TOP 30 PROJECTS IN PUBLICATIONS
- FCT AND FP7 PUBLICATIONS
- TOP 30 PROJECTS IN DATA

[ABOUT DATA PROVIDERS](#)

- TOP 20 DATA PROVIDERS FOR FCT PUBLICATIONS

[ABOUT](#)
[PARTNERS](#)
[NOADS](#)


[NEWS](#)
[EVENTS](#)
[BLOG](#)

[FAQ](#)
[HELPDESK](#)
[CONTACT US](#)

[DOCUMENTS](#)
[GUIDELINES](#)
[APIS](#)

OpenAIRE

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Funder stats page

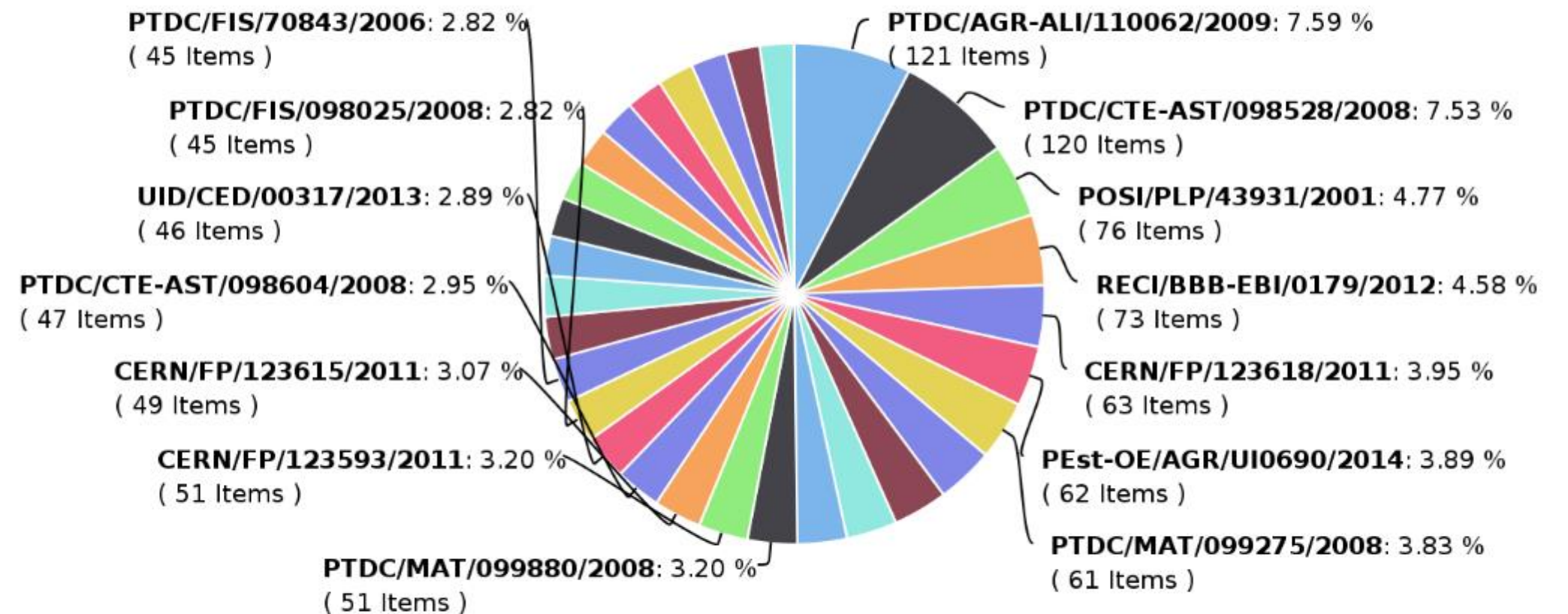
Features OpenAIRE can provide to funders

Using the OpenAIRE portal, funder 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).

Monitor and reporting: statistics service, portal info

FCT Publications by project (top 30)



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



SHARE - BOOKMARK



DOWNLOAD FROM

[Universidade de Lisboa: Repositório.UL](#)

Connectivity is a critical component of m...

and p
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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](#)

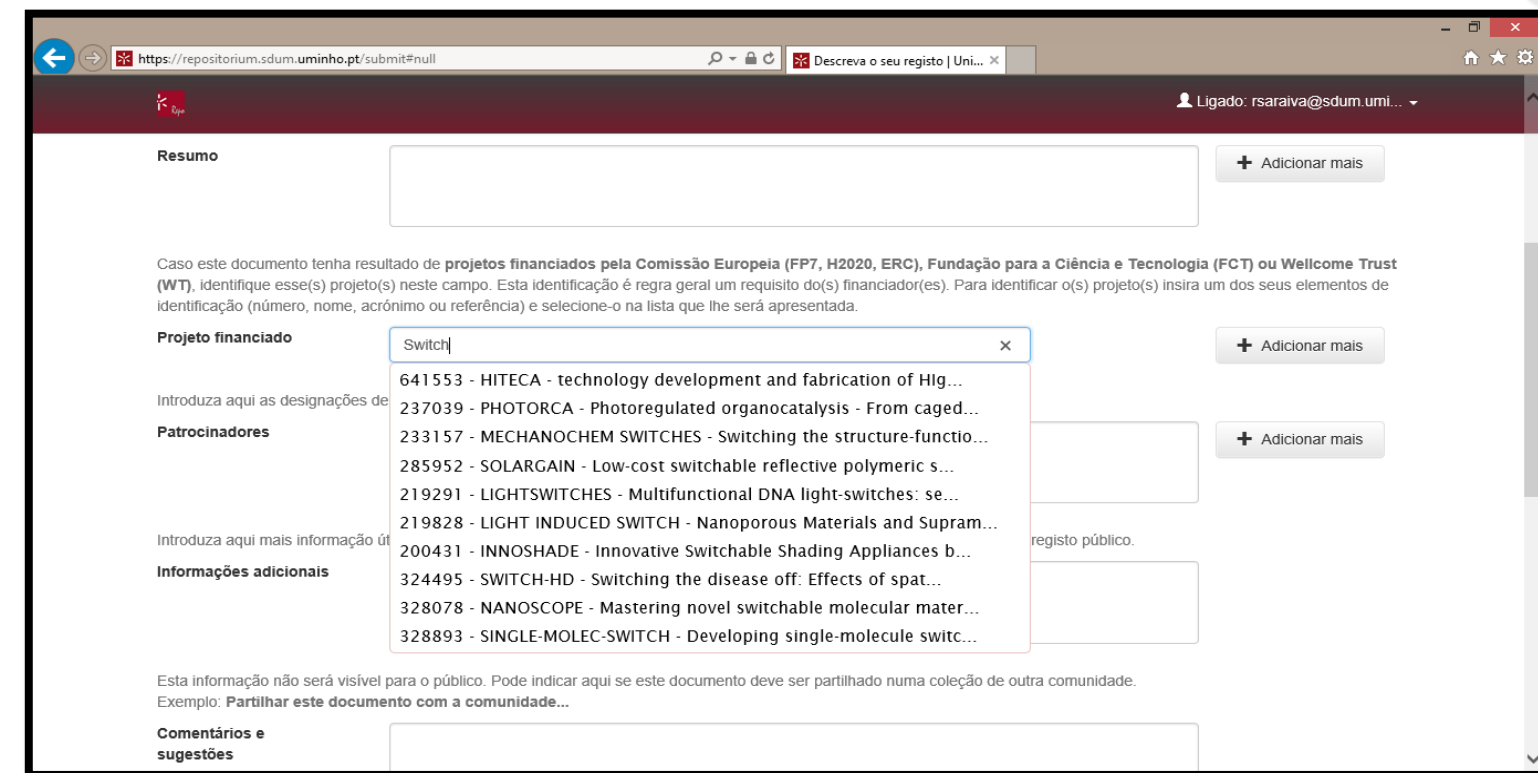
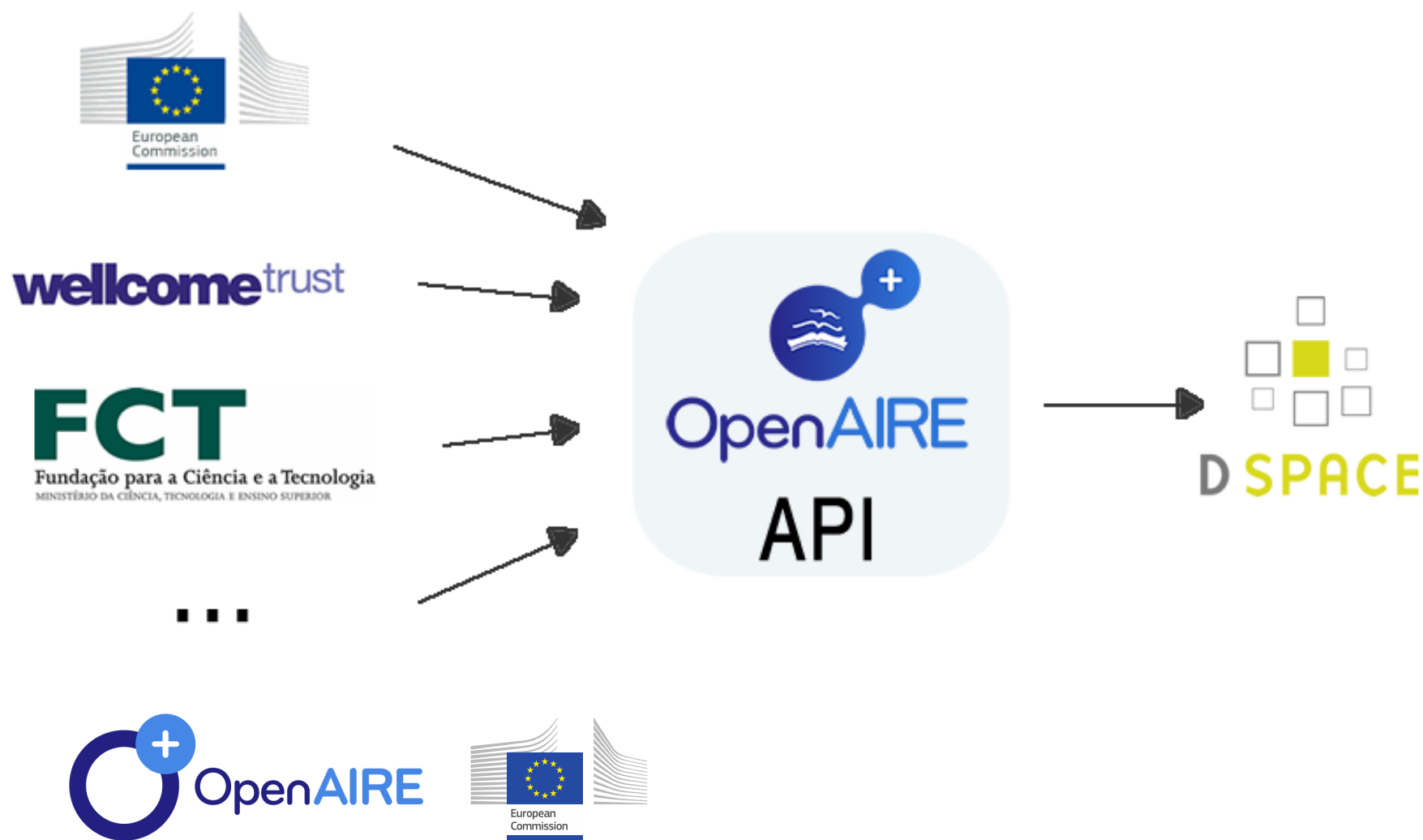
[ARC | A framework for building dy...](#)

[EC | PHENOMINER](#)

OpenAIRE API

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)



Zenodo – extended grant support

zenodo | Blog About Blog Help Developers

Extended grant support, ORCID and language field.

by Krzysztof Nowak on October 10, 2017

Today, we are introducing three additions to Zenodo:

1. Extended grant support
2. Language field
3. ORCID for authors

Extended grant support (powered by OpenAIRE)

We are expanding our grants database with over 620,000 grants from 8 new funders such as the National Science Foundation (US) and Wellcome Trust (UK) - all thanks to [OpenAIRE's](#) ever growing grants database.

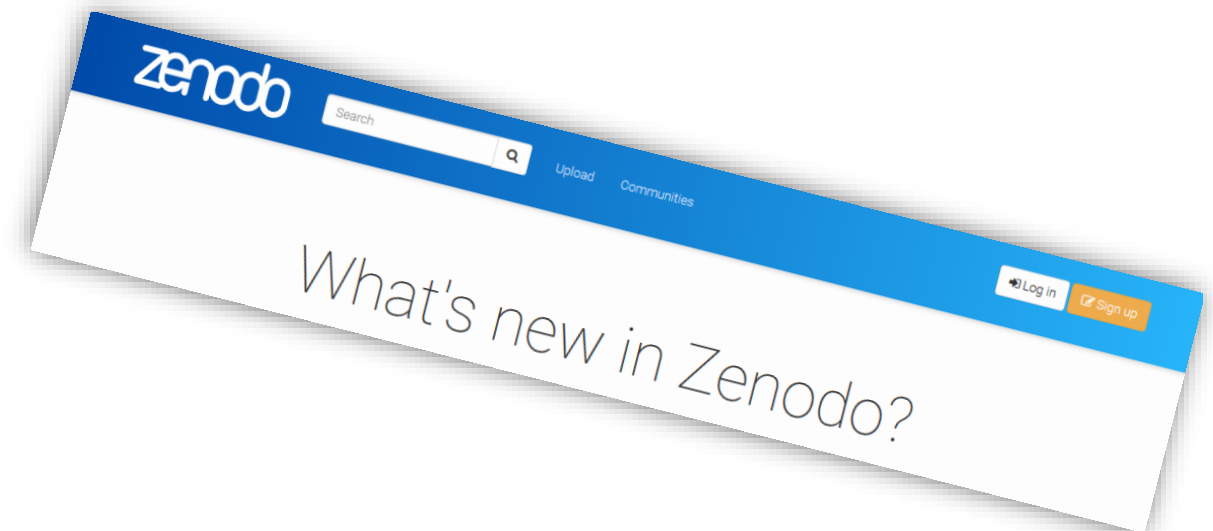
Grants

Optional. OpenAIRE-supported projects only. For other funding agencies, please use the *Additional Notes* field. Note: a human Zenodo curator will need to validate your uploads.

[+ Add another grant](#)

So far we have only been supporting grants from the European Commission (FP7 and Horizon 2020). Today our dataset has grown and contains:

- National Science Foundation (USA) - 497646 grants
- European Commission (EU) - 39409 grants
- Foundation for Science and Technology (Portugal) - 37277 grants



Funding recommended

Zenodo is integrated into reporting lines for research funded by the European Commission via [OpenAIRE](#). Specify grants which have funded your research, and we will let your funding agency know!

Grants

- Australian Research Council (AU)
- European Commission (EU)
- Fundação para a Ciência e a Tecnologia (PT)
- Ministarstvo Prosvete, Nauke i Tehnološkog Razvoja (RS)
- Ministarstvo Znanosti, Obrazovanja i Sporta (HR)
- National Health and Medical Research Council (AU)
- National Science Foundation (US)
- Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NL)
- Wellcome Trust (UK)

Related/alternate identifiers recommended

Contributors optional

References optional

Journal optional

Conference optional

Book/Report/Chapter optional



The background of the slide features several dandelion seed heads in various stages of dispersal against a vibrant green background. The seed heads are white and feathery, with some showing the dark seed heads still attached. The lighting is bright, creating a soft glow around the seeds.

Interoperability guidelines & validator.

Common standards/best practices for
data providers (Guidelines for literature,
data repositories, aggregators, OA
journals, CRIS systems).

Validator: web service or standalone

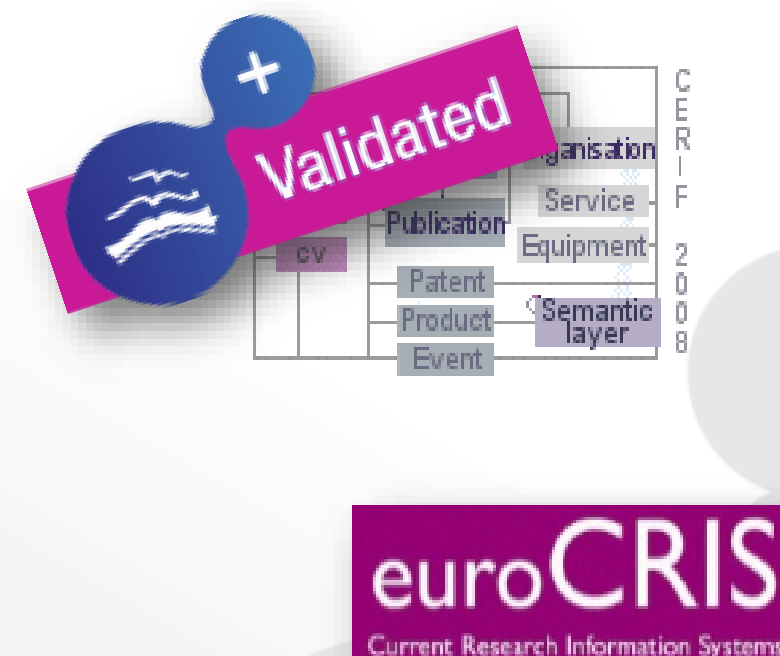
*Data providers, repository managers,
data archives and CRIS managers*

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](#)

[Start validation](#)

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

Choose from the menu

HOME JOIN OPENAIRE MANAGE YOUR DATASOURCES TEST COMPATIBILITY HELP

RUN COMPATIBILITY TESTS
BROWSE TEST RESULTS
SCORE INFORMATION

Finally check results

Test Summary

Repository: https://zenodo.org/oai2d

by jochen.schirrwagen@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 (M) | Use terms from the info:au-repo:Access-Terms vocab locally. View guideline | 5 | 46315/46315 | |
| Field Alternative Identifier (R) | List alternative identifiers for this publication that are not the primary identifier (repository splash page), e.g., the DOI of publisher's version the PubMed article ID. View guideline | 1 | 0/46315 | |
| Field Audience (R) | A class of entity may be determined by the creator or the publisher or by a third party. View guideline | 1 | 0/46315 | |
| Field Contributor (R) | Examples of contributors are: a supervisor, editor, technician or data collector. The DC element "contributor" describes the scientist(s) that has/have made contributions to the given scientific output, not as a primary creator or (commercial) publisher. View guideline | 1 | 0/46315 | |

The background of the slide features a photograph of three rock climbers ascending a dark, craggy cliff face. The climbers are silhouetted against a bright blue sky filled with wispy white clouds. The climber at the top is in a red shirt, the middle one in a green shirt, and the bottom one in a red shirt. They are holding onto ropes and reaching for each other's hands. The overall scene conveys a sense of teamwork and overcoming challenges.

one stop shop for OpenAIRE data providers

for friends... “the repository
managers dashboard” 😊

Dashboard for content providers

SOURCES

COMPATIBILITY

CONTENT

METRICS

**REGISTER
&
UPDATE**

registration
service

**VALIDATE
&
MONITOR**

validation
service

**ENRICHMENTS
&
NOTIFICATIONS**

broker service

**METRICS
USAGE
STATISTICS**

usage stats
service



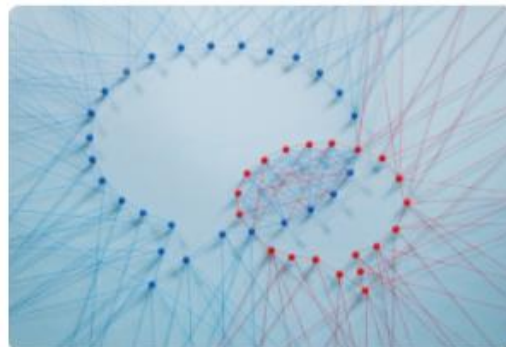
Register

Register data sources in the OpenAIRE infrastructure



Validate

Validate data sources against OpenAIRE guidelines



Notifications

View notifications to enrich the metadata and the content



Metrics

View aggregated, cleaned usage statistics for repository access



www.openaire.eu



[@openaire_eu](https://twitter.com/openaire_eu)



facebook.com/groups/openaire



pedroprincipe@sdum.uminho.pt