



OPEN ACCESS TO PUBLICATIONS IN HORIZON 2020

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Overview

1. Open Access in Europe: From FP7 to H2020

2. Open Aces in H2020: Summary of requirements

3. Open Aces in H2020: Practical implementation

4. OpenAIRE support services and tools





OA IN EUROPE: FROM FP7 TO H2020



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 Research Data Pilot



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 9 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.





OA IN H2020: SUMMARY OF REQUIREMENTS

2

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



In other words...

Authors are free to choose between the two main and nonexclusive 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. The 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 choosen.



Where to deposit?

- Institutional repository
 OR
- Disciplinary repository (arXiv, Europe PubMed Central, etc.)
 OR
- Zenodo (www.zenodo.org) if none of the above is available. EC-cofunded, multidisciplinary repository, for publications and 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)



where > what > when

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.

> > where



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



Some journals demand longer embargo periods (compare SHERPA/RoMEO database).

where





PRACTICAL IMPLEMENTATION

3

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 Chapter 6 of the General Model Grant Agreement.





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?)
 - 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, etc.)
- After the project end
 - Are there publications foreseen after the ending of the project (ie which will not be covered by the budget) for post-FP7 project publications there is a gold OA pilot in H2020: https://www.openaire.eu/postgrantoapilot
 - 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.

Currently, there is no price-cap for APCs. (For post-grant publications in FP7 a GOLD OA pilot is taking place where a price-cap - 2.000,00€ per article-applies.)



Some issues to consider

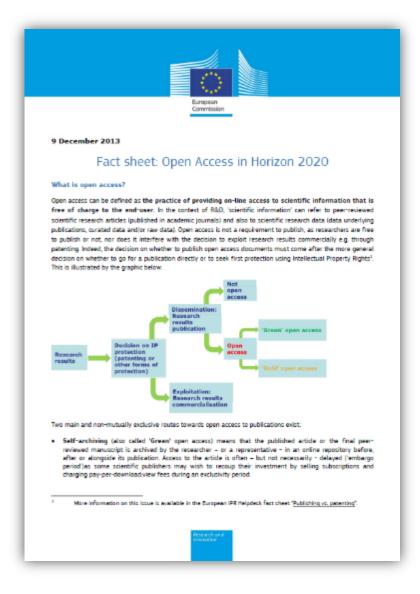
- 1. Publishing *all* articles in APC based gold OA is not probably the right solution, as this can lead to a substantial amount of the overall project budget.
 - Therefore, a mixed strategy of GREEN/GOLD open access is highly recommended.
- 2. The growing open access market comes with some challenges
 - Lots of new journals/publishers, some of questionable quality (,predatory journals', http://scholarlyoa.com/publishers/)

Some caution is needed when publishing, this holds for all journals. Consult, white lists' such as DOAJ.

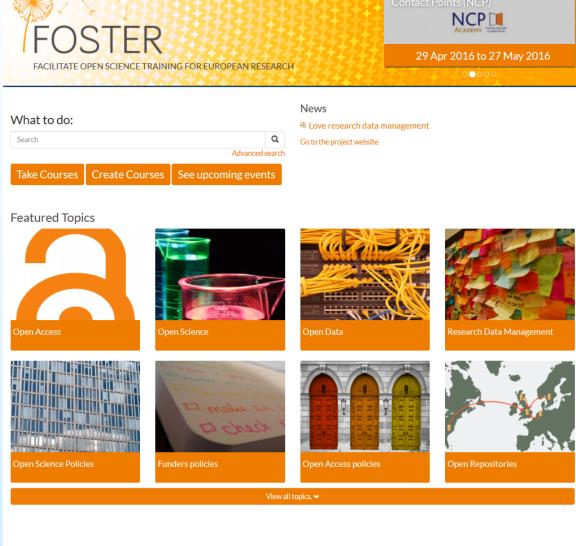


EC SUPPORT INFO

- ✓EC Open Access Factsheet:
- 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-oapilot-guide_en.pdf







- All materials are free to use, and can be edited, repurposed, recombined to suit your own training needs.
- Many of these materials are being compiled into courses.

http://fosteropenscience.eu/



OPENAIRE SUPPORT SERVICES AND TOOLS



OpenAIRE

OPEN ACCESS INFRASTRUCTURE



for research in Europe

www.openaire.eu





Project & Infrastructure

Guided by OA funder

policies (European

Commission)





Participatory approach

(human & e-infrastructure)

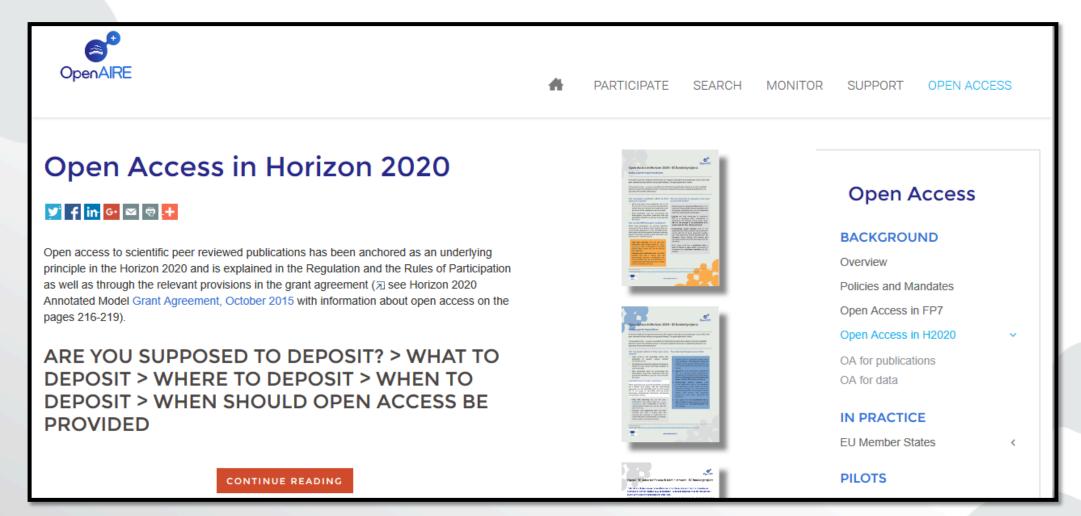


Integrated Scientific Information System





OpenAIRE implements the OA EC requirements



www.openaire.eu/open-access-in-horizon-2020

Deposit once!

LOCATE AN APPROPRIATED REPOSITORY

Via OpenAIRE



Find where to deposit



PARTICIPATE

SEARCH MONITOR SUPPORT

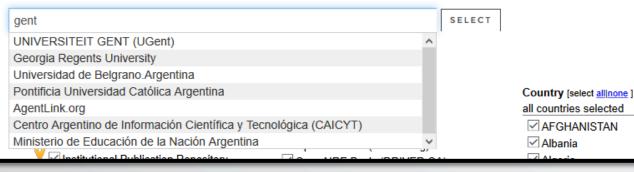
OPEN ACCESS

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 guestion to OpenAIRE's national representative.

LOCATE DATA PROVIDER VIA YOUR INSTITUTION



Participate

Deposit Publications & Data

Link Research Results

Validate / Register Repository

Content policy

DEPOSIT PUBLICATIONS

DATA PROVIDERS FOR INSTITUTION: UNIVERSITEIT GENT

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

Ghent University Academic Bibliography

Organizations: UNIVERSITEIT GENT Type: Institutional Repository Languages: English, French, Dutch

Contents: Journal articles, Conference and workshop papers, Theses and dissertations, Unpublished reports and working

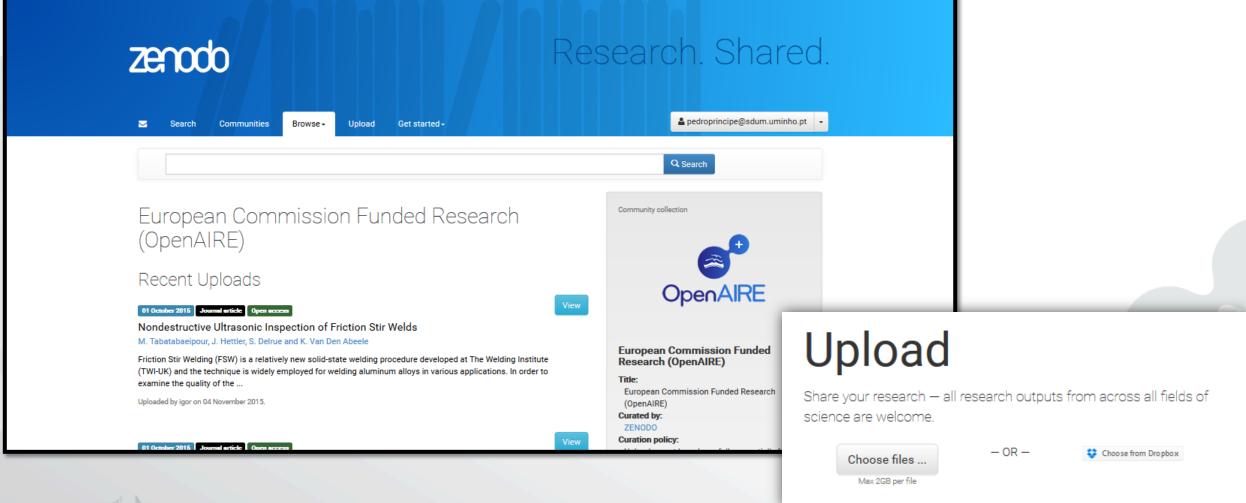
and sections, Multimedia and audio, visual materials Website URL: 31 https://biblio.ugent.be/

OAI-PMH URL: 1 https://biblio.ugent.be/oai





Deposit: www.zenodo.org





Acknowledge

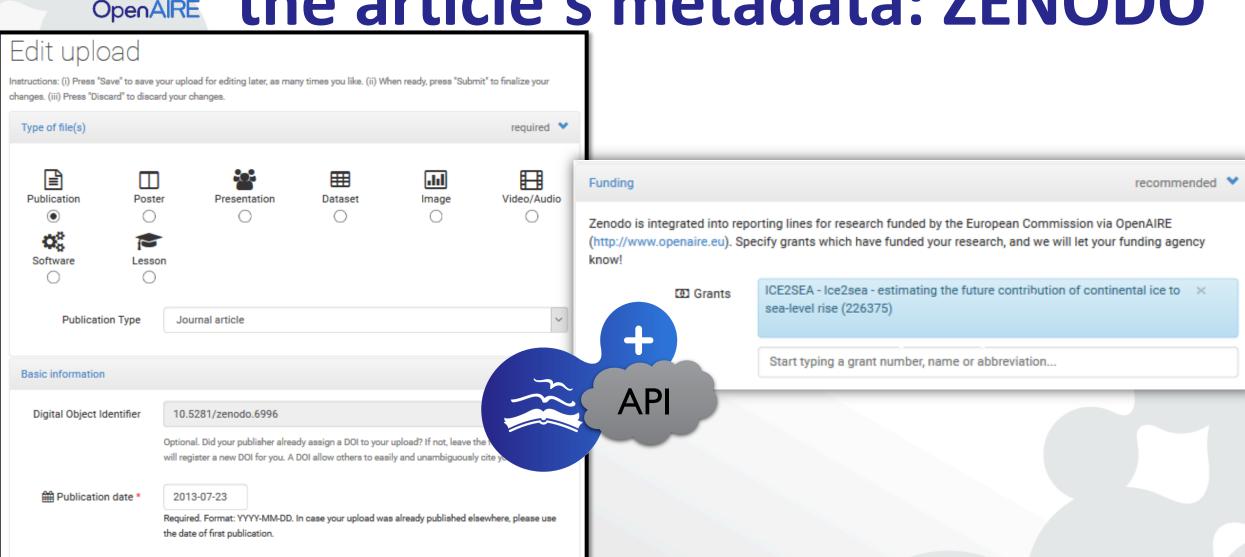
PROJECT FUNDING IN THE BIBLIOGRAPHIC RECORD



Title *

The gravitationally consistent sea-level fingerprint of future terrestrial ice loss

Acknowledge project funding in the article's metadata: ZENODO

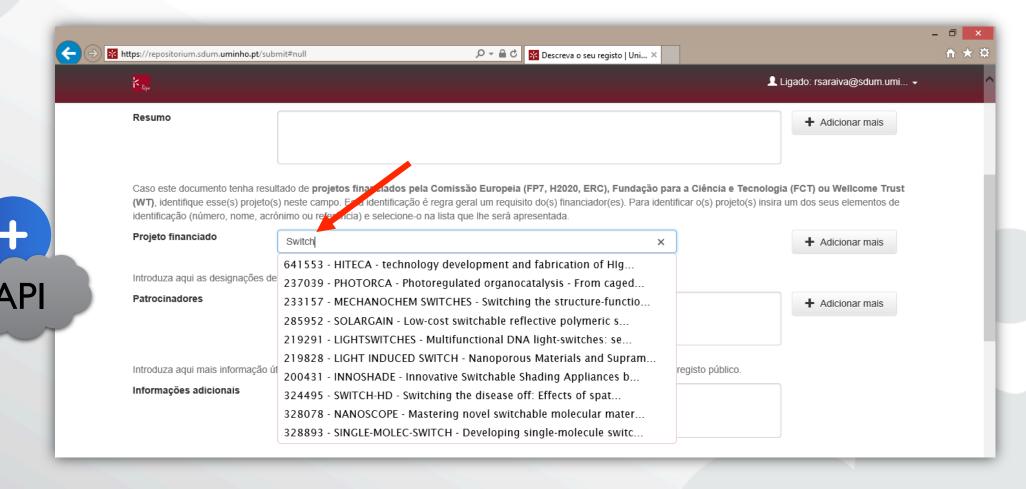




OpenAIRE Funders Projects List

REPOSITORIES DEPOSIT WORKFLOW:

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



CAN'T FIND OR SEE ALL OF YOUR PROJECT'S PUBLICATIONS IN OPENAIRE AT REPORTING TIME?

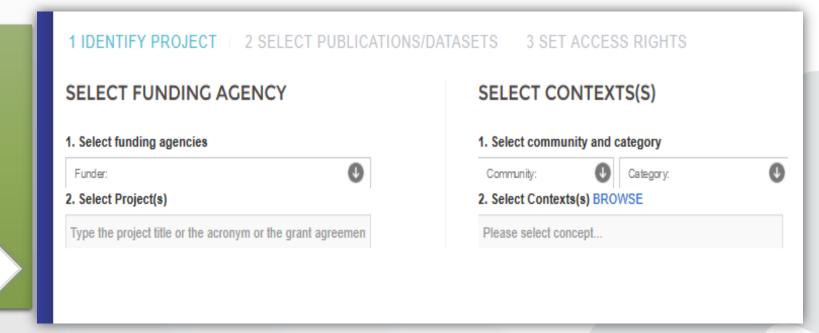


LINK RESEARCH RESULTS TOOL

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

Link publication or datasets to projets.

Identify the project, select publications or datasets and set the access rights.





OpenAIRE

STREAMLINES PROJECT REPORTING

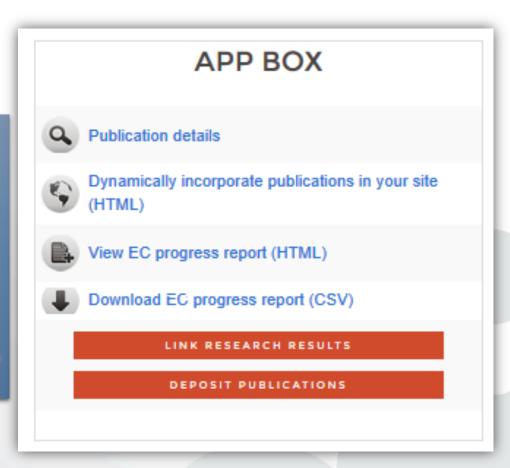
We maintain a page for every EC (H2020, FP7) project, featuring project information, related project publications and datasets, and a statistics section.



PROJECTS PUBLICATIONS LIST

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

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







OpenAIRE Project apps

Use OpenAIRE to aggregate and disseminate all

project's publications



Dynamically incorporate publications in your site (HTML)

Close

<script

type="text/javascript">

document.write('<div

id="oa widget"></div>');

document.write('<script

type="text/javascript"

src="http://vatopedi.di.uoa .gr/joomla-2.5.3/index.php?

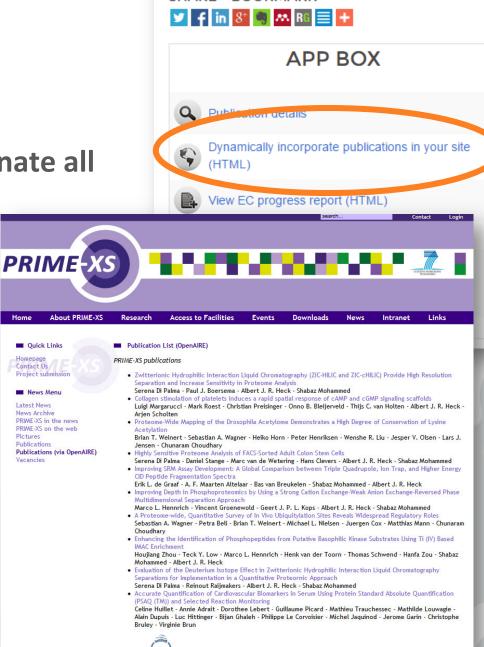
option=com openaire&view=wi

dget&format=raw&projectId=e

c::226716"></script>');

</script>





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Automatically





Once you deposit in a fully OpenAIRE compliant repository YOUR PUBLICATIONS WILL BE REPORTED AUTOMATICALLY TO THE EC'S PARTICIPANT PORTAL AT REPORTING TIME.



Requested EU Contribution:

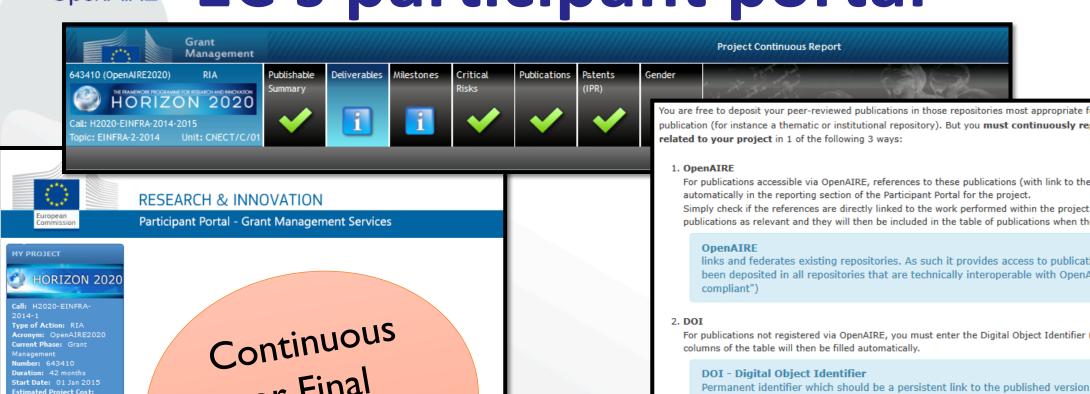
Contact: Pilar OCON

Latest Legal Data

Document Library Communication Center

H2020 ONLINE MANUAL (ib) HOW TO

EC's participant portal



Continuous or Final Reporting

You are free to deposit your peer-reviewed publications in those repositories most appropriate for your subject and publication (for instance a thematic or institutional repository). But you must continuously report all publications

For publications accessible via OpenAIRE, references to these publications (with link to the project ID) are displayed

Simply check if the references are directly linked to the work performed within the project. If so, tick these publications as relevant and they will then be included in the table of publications when the report is generated.

links and federates existing repositories. As such it provides access to publications that have been deposited in all repositories that are technically interoperable with OpenAIRE ("OpenAIRE

For publications not registered via OpenAIRE, you must enter the Digital Object Identifier (DOI). All the other

Permanent identifier which should be a persistent link to the published version full text or abstract (if article is pay per view) or to the final manuscript accepted for publication (link to article in repository).

3. No OpenAIRE or DOI

you must manually enter the full reference data.



EC's participant portal





npricipe (EXTERNAL)

This project does not currently have any scientific publication

Suggested publications from OpenAIRE (9 publications)

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

Project publications (12 publications)

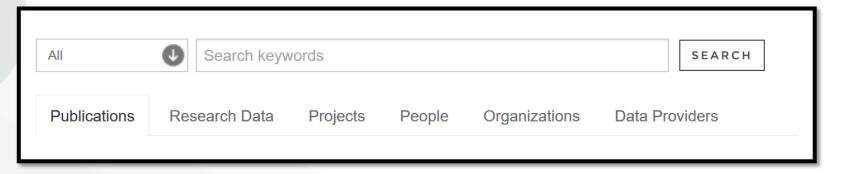
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No. ▲	Туре	Title	Authors	Title of the Journal/Proc./Book	Number, date or freq. of the Journal/Proc./Book	DOI	Repository Link	Actions	
1	Article in Joi	OpenAIRE: Supporting a European open access mandate	Najla Rettberg and Birgit Schmidt	College & Research Libraries News	Vol.76 No.6		O	×	^
2	Publication i	Aligning Repository Networks and the Confederation of Open	Kathleen Shearer	INFLIBNET's Convention Proceedings			P	×	
3	Article in Joi	Reaching Out to Global Interoperability through Aligning Repo	Kathleen Shearer, Katharina Mueller,	New Avenues for Electronic Publishing in the Age		10.3233/978-1-61499-562-3-165		×	
4	Article in Joi	The OpenAIRE2020 FP7 Post-Grant Open Access Pilot: Implem	Pablo de Castro	Information Services & Use				×	
5	Article in Joi	CERMINE: automatic extraction of structured metadata from	Dominika Tkaczyk, Paweł Szostek, M	International Journal on Document Analysis and F	18/4	10.1007/s10032-015-0249-8	O	×	
6	Article in Joi	Structured Affiliations Extraction from Scientific Literature	Dominika Tkaczyk, Bartosz Tarnawsl	D-Lib Magaz ine	21/11/12	10.1045/november2015-tkaczyk	O	×	
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 $\mbox{\rm Pe}$	SaharVahdati	Communications in Computer and Information Sc	544			×	
9	Publication i	OpenCourseWare observatory - does the quality of OpenCou	Sahar Vahdati, Christoph Lange, Sön	Proceedings of the Fifth International Conferenc		10.1145/2723576.2723605			
40	A. A. C	Commente Distribution Challenge Assessing the Constitution of Color	Chairbank Lanna	Camanaiankiana ia Camanakan and Informakian Ca			Validate		

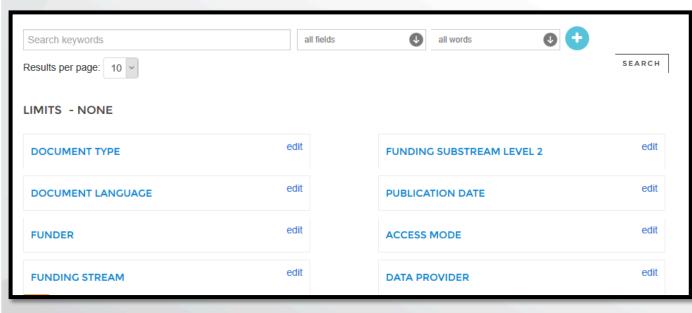
Mannually add publications

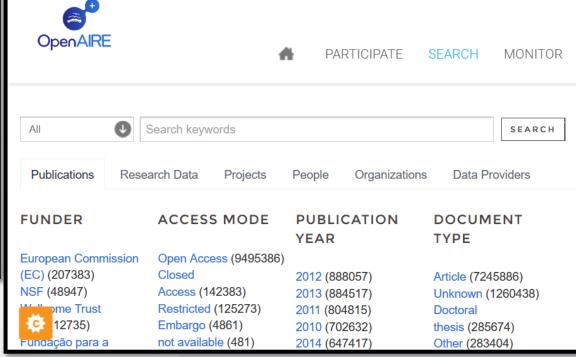




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Q&A

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