

Inge Van Nieuwerburgh
Ghent University

Horizon 2020 Open Access mandate & OpenAIRE

OpenAIRE workshop Ghent Nov. 18th 2015



Context

FUNDERS

Many funders have now stipulated open access to results!

MANDATES

Many have Open Access mandates in place!

REPOSITORIES

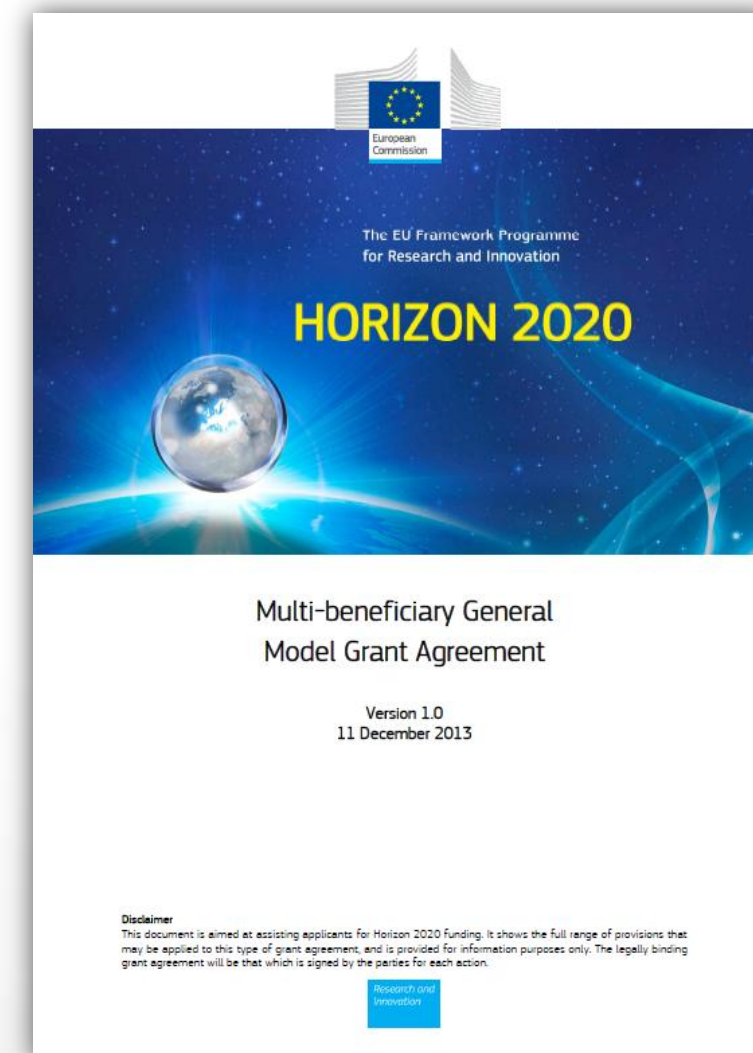
But how often are these outputs linked to funding details?

Open Access in Horizon 2020

The grant agreement states:

**“ENSURE OPEN ACCESS...
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”**

http://ec.europa.eu/research/participants/data/ref/h2020/mga/gga/h2020-mga-gga-multi_en.pdf



OpenAIRE implements the

OPEN ACCESS

EC requirements



What is OpenAIRE

- A Participatory European Open Access infrastructure to manage scientific publications and associated scientific material via **repository networks**.
- Supports discovery, sharing and re-use of **Open Access** publications and **EC funded** research results.
- Enhances **publications** by interconnecting them with **data sets, funding** information, related publications, institutional affiliation, metrics...

RESEARCH ADMINS

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

RESEARCHERS

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

FUNDERS

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

DATA PROVIDERS

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



OpenAIRE

OPEN ACCESS INFRASTRUCTURE

for research in Europe

www.openaire.eu

From a pilot in FP7

to a key service in H2020

Science. Set free.

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

OpenAIRE

Dec. 2009 - Nov. 2012

OpenAIREplus

Dec. 2011 – Dec. 2014

OpenAIRE2020

Jan. 2015 a Jun. 2018



Who we are

- In 24x7 operation since Dec 2010
 - OpenAIRE
 - OpenAIREplus
 - OpenAIRE2020
 - A legal entity in 2016
- Consortium of 50 partners
 - 33 countries

Open Access experts

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

Information & Computer Science experts

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

Legal experts

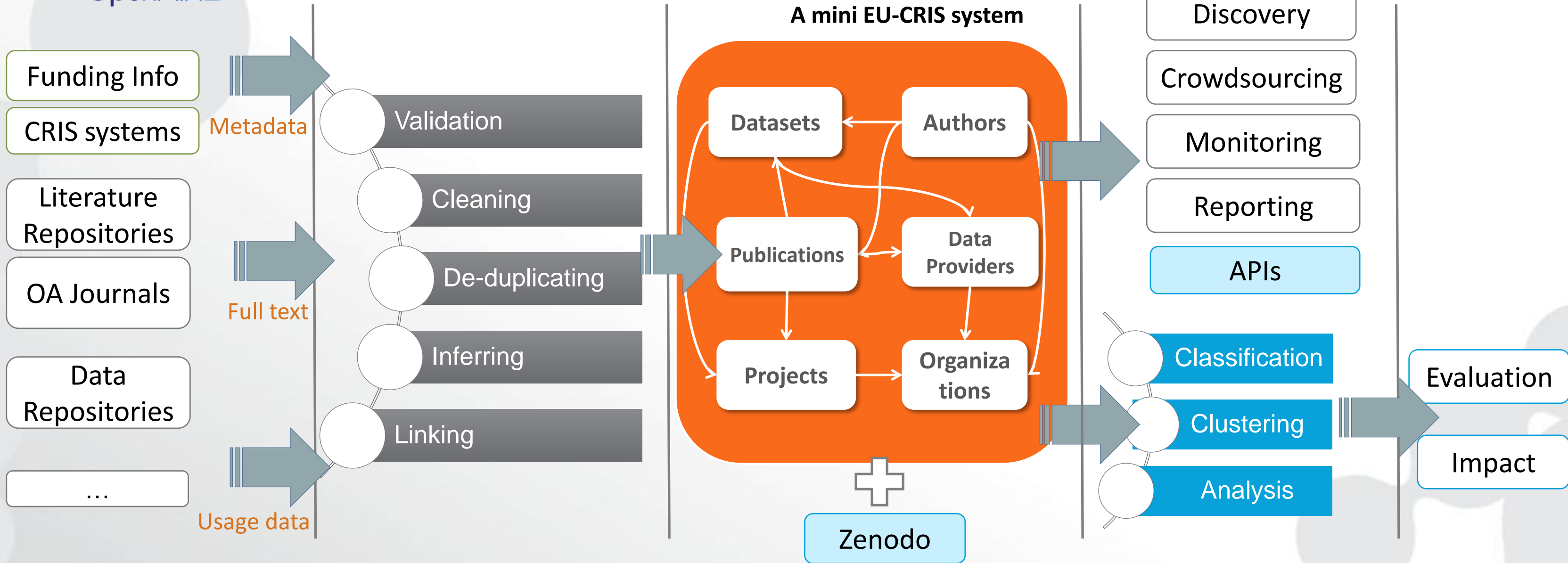
- Legal & policy recommendations

Data communities

- Best practices for data
- Linking to data infrastructures

OpenAIRE2020 Networking Organisation





Data Providers

OpenAIRE Platform

Services



“Repository managers
reduce workload of authors
to fulfill the EC
Open Access requirements”

The screenshot shows the OpenAIRE website homepage. At the top left is the OpenAIRE logo. To its right is a navigation menu with links: PARTICIPATE (DEPOSIT, JOIN), SEARCH (PUBLICATIONS, DATA, PROJECTS), STATISTICS (OA, PROJECTS, TOPICS), SUPPORT (FAQ, HELPDESK, GUIDES), and OPEN ACCESS (IN EUROPE). Below the navigation is a large banner with the text "Science. Set free." and "8,399,456 publications and 611 datasets from 435 repositories and OA journals". Under the banner is a search bar with a dropdown menu for "Repositories" and a search icon. Below the search bar are four main service categories: Researchers (Deposit publications & data, Link research to funder/project, Download author's guide for OA), Data Providers (Register & validate content, Get guidelines for interoperability, Enrich repository content), Research Managers (Learn about EC & national policies, Create project reports, Get statistical information), and Funding Agencies (Learn how to embrace OA, Participate in OpenAIRE, Find aggregated statistics). At the bottom, there are sections for "Latest News" (Workshop on Mining Scientific Publications) and "Mark your calendar" (The 3rd LIBER Workshop on Digital Curation, EGI Community Forum 2014). A blue sidebar on the right promotes the Digital Repository of Ireland (dri) with the text "Digital Repository of Ireland: Open Access and a User-Centred Approach". A large orange watermark "www.openaire.eu" is overlaid at the bottom of the page.

How can OpenAIRE help?

TOOLS FOR PROJECT COORDINATORS

- **Help with reporting:**

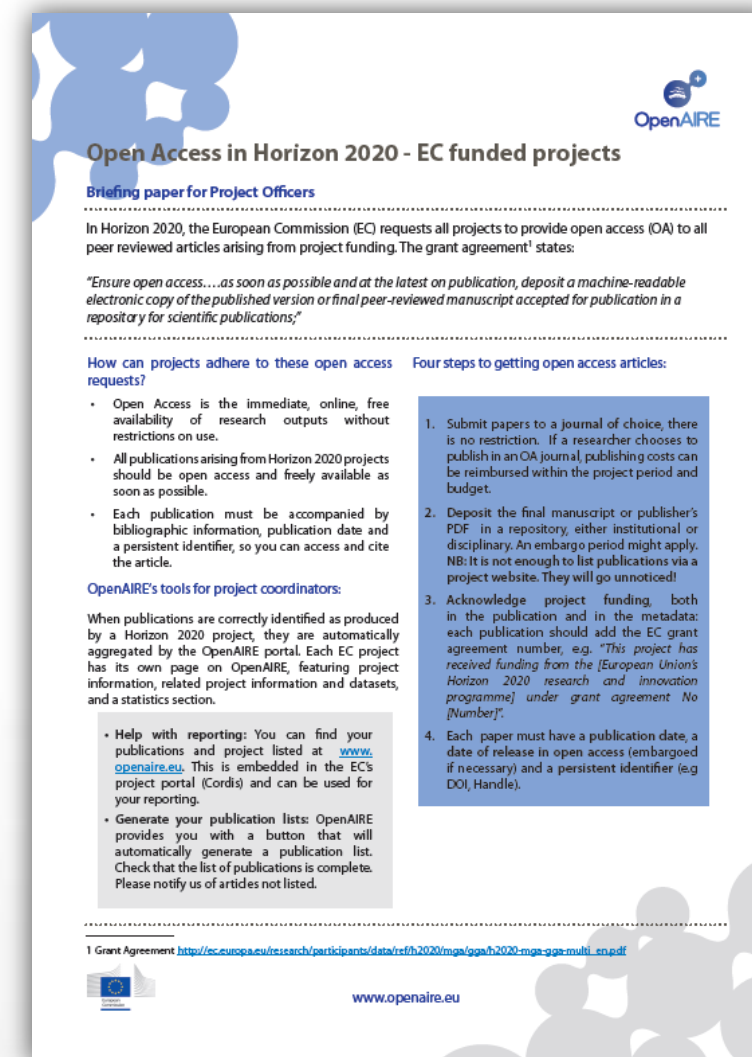
You can find your publications and project listed at www.openaire.eu. This is embedded in the EC's project portal (Cordis).

- **Generate your publication lists:**

OpenAIRE provides you with a button that will automatically generate a publication list.

- **FP7 post grant Open Access Pilot:**

Reimbursement of Post-grant FP7 OA publications charges



Open Access in Horizon 2020 - EC funded projects
Briefing paper for Project Officers

In Horizon 2020, the European Commission (EC) requests all projects to provide open access (OA) to all peer reviewed articles arising from project funding. The grant agreement¹ states:

"Ensure open access...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,"

How can projects adhere to these open access requests? Four steps to getting open access articles:

- Open Access is the immediate, online, free availability of research outputs without restrictions on use.
- All publications arising from Horizon 2020 projects should be open access and freely available as soon as possible.
- Each publication must be accompanied by bibliographic information, publication date and a persistent identifier, so you can access and cite the article.

OpenAIRE's tools for project coordinators:

When publications are correctly identified as produced by a Horizon 2020 project, they are automatically aggregated by the OpenAIRE portal. Each EC project has its own page on OpenAIRE, featuring project information, related project information and datasets, and a statistics section.

- **Help with reporting:** You can find your publications and project listed at www.openaire.eu. This is embedded in the EC's project portal (Cordis) and can be used for your reporting.
- **Generate your publication lists:** OpenAIRE provides you with a button that will automatically generate a publication list. Check that the list of publications is complete. Please notify us of articles not listed.

1. Submit papers to a journal of choice, there is no restriction. If a researcher chooses to publish in an OA journal, publishing costs can be reimbursed within the project period and budget.
2. Deposit the final manuscript or publisher's PDF in a repository, either institutional or disciplinary. An embargo period might apply. NB: It is not enough to list publications via a project website. They will go unnoticed!
3. Acknowledge project funding, both in the publication and in the metadata: each publication should add the EC grant agreement number, e.g. "This project has received funding from the [European Union's Horizon 2020 research and innovation programme] under grant agreement No [Number]".
4. Each paper must have a publication date, a date of release in open access (embargoed if necessary) and a persistent identifier (e.g. DOI, Handle).

¹ Grant Agreement http://ec.europa.eu/research/participants/data/ref/h2020/mga/gpa/h2020-mga-gpa-multi_en.pdf

www.openaire.eu





PROJECTS PUBLICATIONS LIST

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

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



APP BOX

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

[LINK RESEARCH RESULTS](#)

[DEPOSIT PUBLICATIONS](#)

How can OpenAIRE help?

TOOLS FOR RESEARCHERS

- **Harvest into OpenAIRE**
Publications and data
- **Link publications**
OpenAIRE links your publication to data, projects
- **Zenodo**
OpenAIRE provides you with a repository, for publications and data

New to Zenodo?

Sign Up

— sign up for a free account to share your research!

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

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

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...

How can OpenAIRE help?

TOOLS FOR FUNDERS

FP7 statistics



207,147 publications in 12,448 projects (from a total of 25,536)
90,053 are OA, 2,484 are restricted and 286 are still in embargo [Graph](#)

For SC39:

26,982 publications in 1,243 projects (total of 1,907)
12,990 are OA [Graph](#)

OpenAIRE Monitoring



13,113,855 publications from 665 data sources
12,717,112 published in OA and 236,830 of them are linked to funding

ERC statistics



75,535 publications in 3,387 projects (total of 4,553 projects)
37,474 are OA, 324 are restricted and 43 are still in embargo [Graph](#)

FCT - Fundação para a Ciência e a Tecnologia



11,697 publications in 3,890 projects (total of 10,688 projects)
10,616 are OA, 11 are restricted and 0 are still in embargo [Graph](#)

H2020 PROJECTS LIST

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

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



Chapter 4. Bulk access to projects

Table of Contents

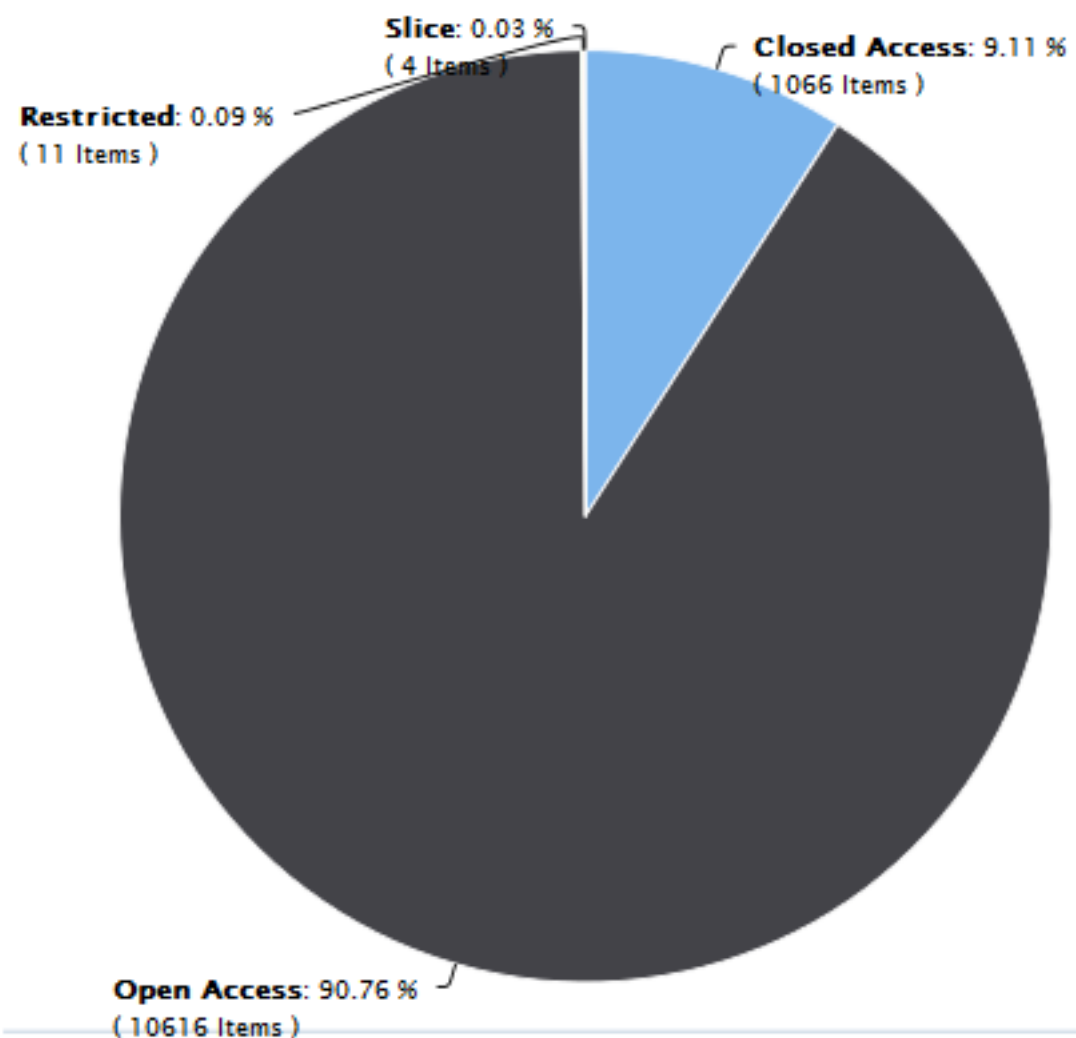
DSpace/ePrints

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

The currently supported funding streams and relative codes are:

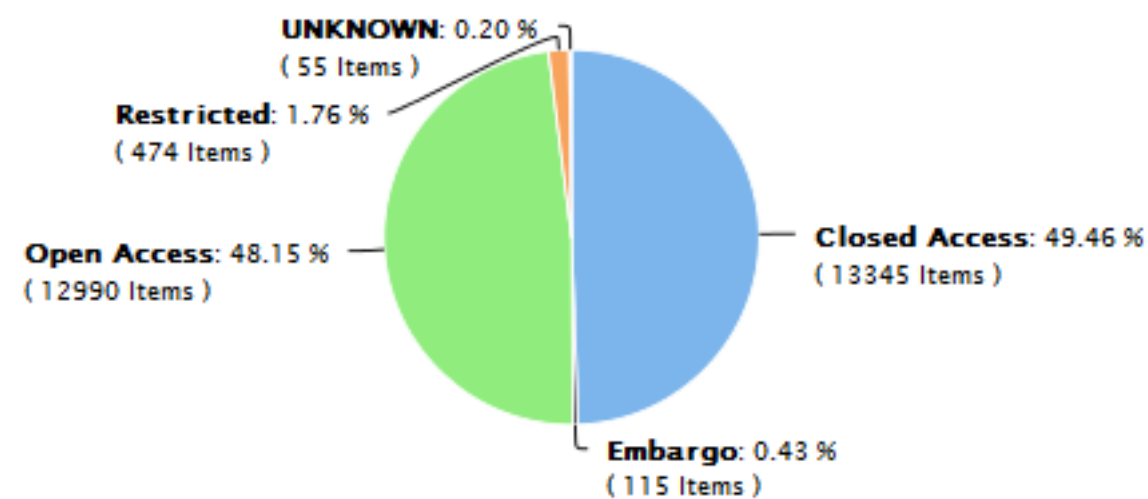
- FP7: The 7th Framework Programme funded by the European Commission
- WT: Wellcome Trust funding programme
- H2020: Horizon2020 Programme funded by the European Commission
- FCT: the funding programme of Fundação para a Ciência e a Tecnologia, the national funding agency of Portugal
- ARC: the funding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

FCT publications by access mode



Monitoring OA policy

Publications of FP7 projects with SC39 breakdown per access mode



Ultimately access to

**FULL TEXT AND RELATED
DATA**

Of EC funded research

Thank you!



www.openaire.eu



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



facebook.com/groups/openaire



linkedin.com/groups/OpenAIRE-3893548



info@openaire.eu