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Supporting Repository Interoperability through Guidelines



OpenAIRE

OPEN ACCESS INFRASTRUCTURE

for research in Europe

8.4 million publications from 435 OA repositories

PARTICIPATORY APPROACH

capitalizing on
previous
investment



Human Network



e-Infrastructure



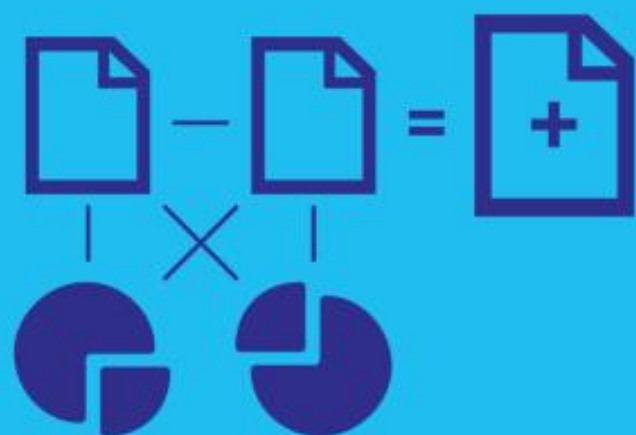
Research repositories link to OpenAIRE

PUBLICATIONS
DATA
FUNDING INFORMATION



Infrastructure

RESEARCH OUTPUT FROM REPOSITORY NETWORK. INTEGRATED EUROPEAN RESEARCH INFORMATION WITH LINKS FROM PUBLICATIONS TO RESEARCH DATA AND FUNDING.



Services

ACCESS, SHARE, REUSE, ENHANCE AND MONITOR RESEARCH OUTPUT. DISSEMINATE AND INTEGRATE RESEARCH RESULTS.



OpenAIRE implements the

OPEN ACCESS

EC requirements

EUROPEAN COMMISSION
European Research Area

Open Access Pilot in FP7

LEAFLET

"If I have seen further it is by standing on the shoulders of giants." Isaac Newton, 1676



THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

HORIZON 2020

EC OA Mandate Progression

FP7 OA Pilot (2008)

- 20% programme areas
- Deposit in Repositories

Horizon 2020 (2014)

- 100% programme areas
- Deposit in Repositories



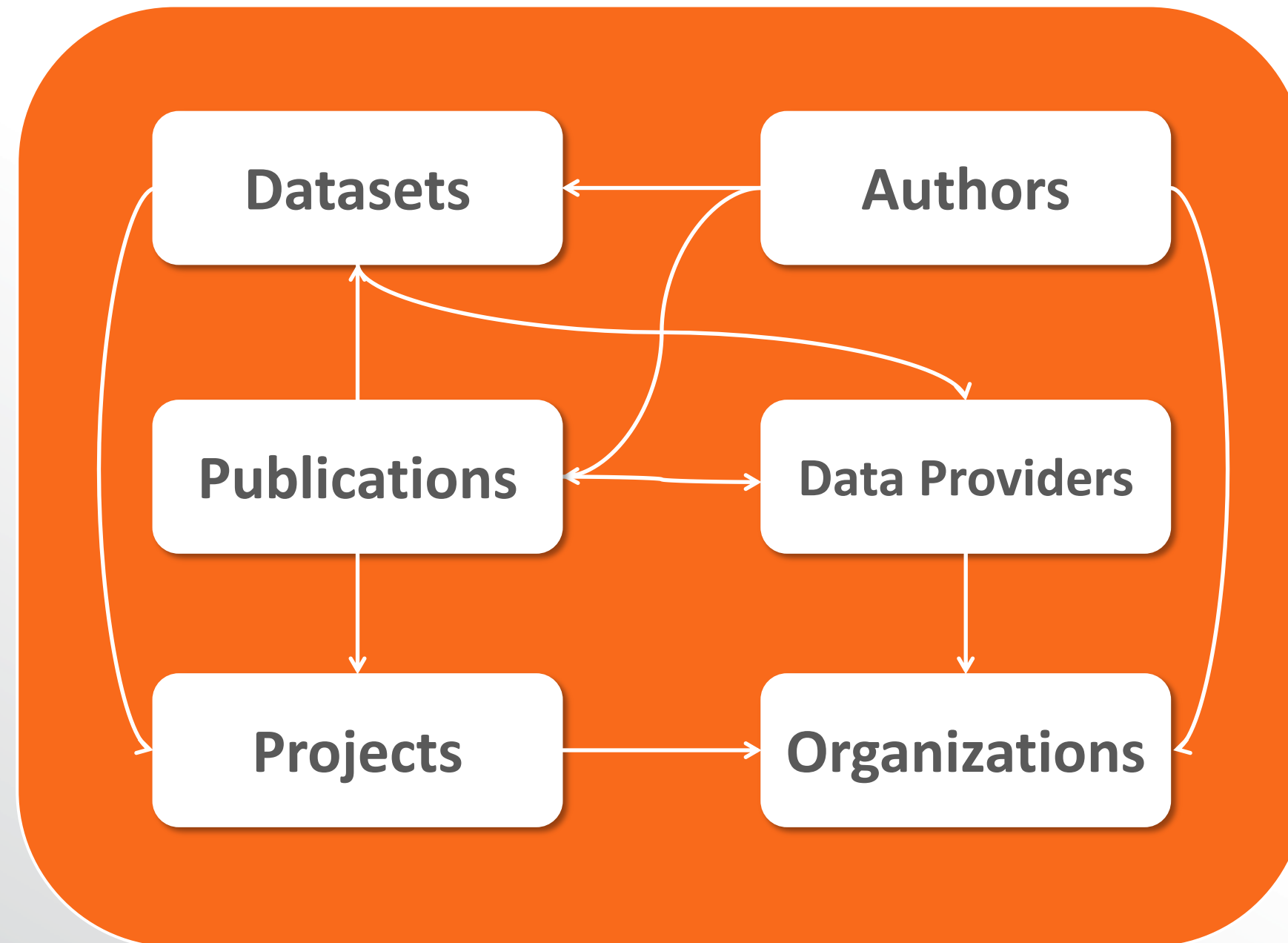
From a publication infrastructure

to a

**MORE COMPREHENSIVE
INFRASTRUCTURE**

that covers all types of scientific output

Integrated Scientific Information System



?Why Guidelines?

..to get...

FUNDING INFORMATION

ACCESS RIGHTS AND LICENSE INFO

REFERENCED DATASETS & RELATED PUBLICATIONS

EMBARGO DATE INFORMATION

**REPOSITORY MANAGERS
ABLE TO
ENABLE AUTHORS TO **COMPLY**
THE EUROPEAN COMMISSION
OPEN ACCESS REQUIREMENTS**

OpenAIRE collaborated
with key stakeholders and
produced

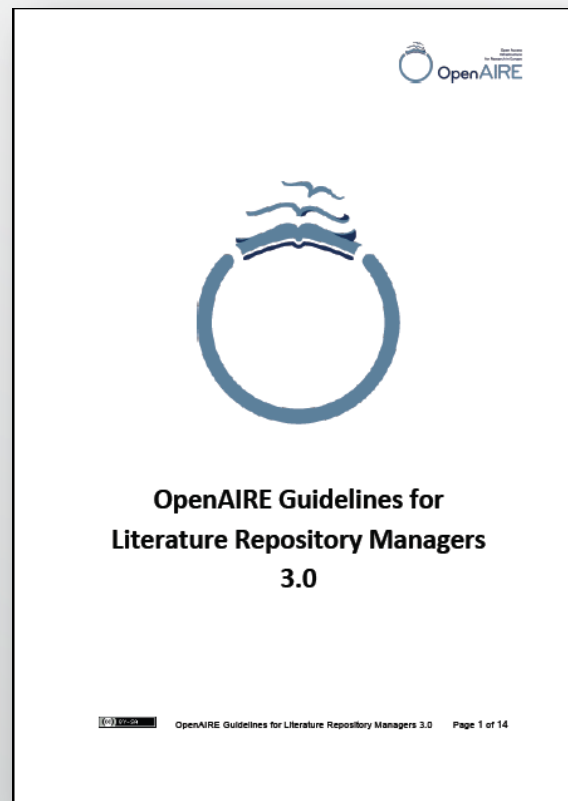
**THREE SETS OF GUIDELINES FOR ITS
DATA PROVIDERS**

based on existing well-established standards

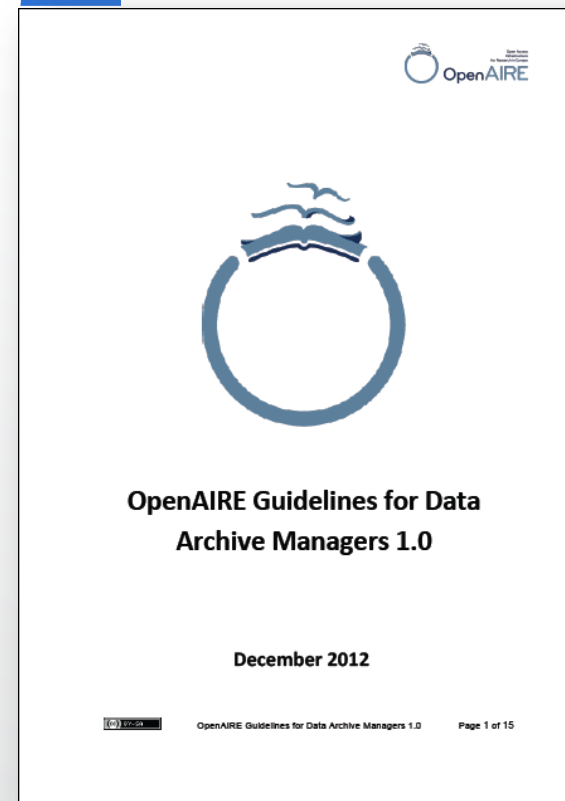


OpenAIRE Guidelines for

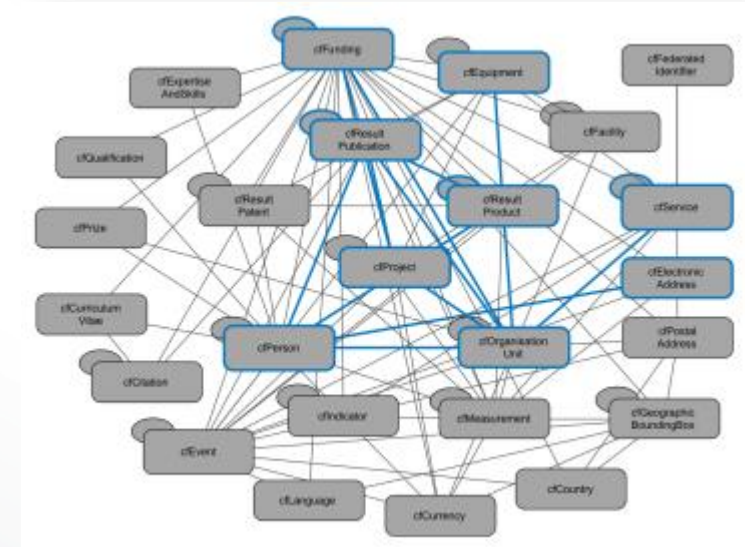
1 Literature Repository managers (version 3.0)



2 Data Archive Managers



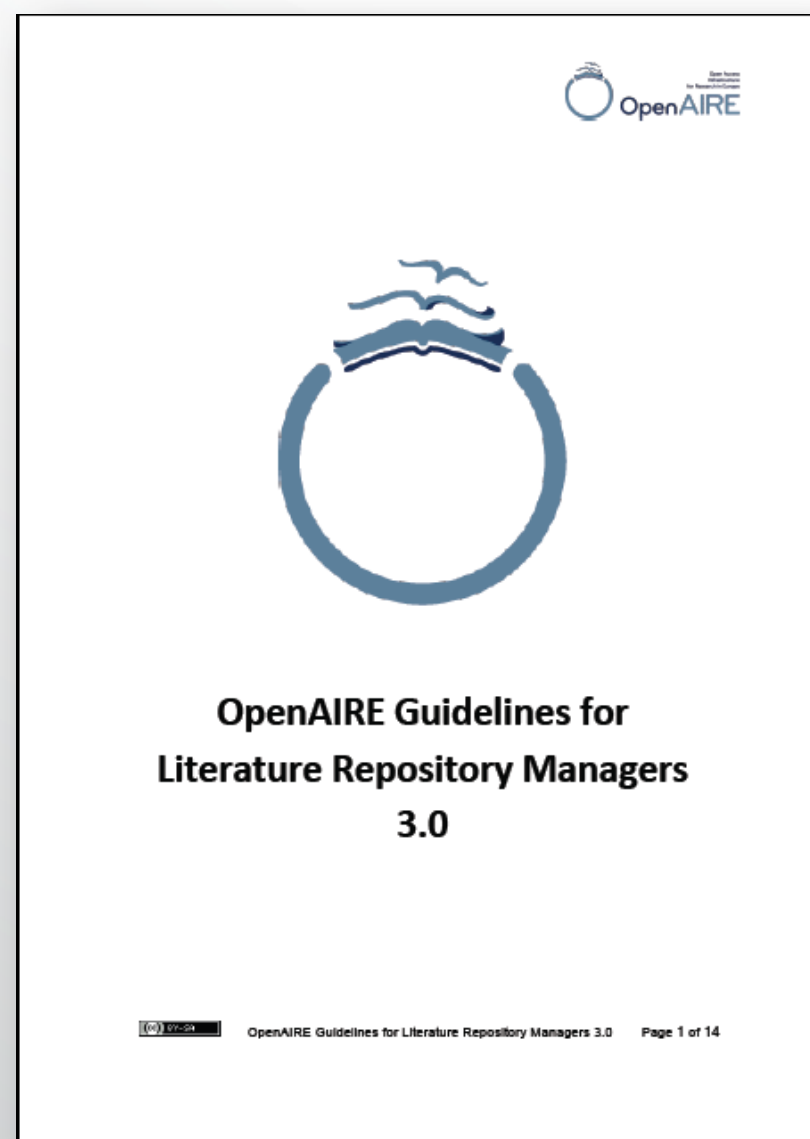
3 CRIS Managers





FOR LITERATURE REPOSITORIES

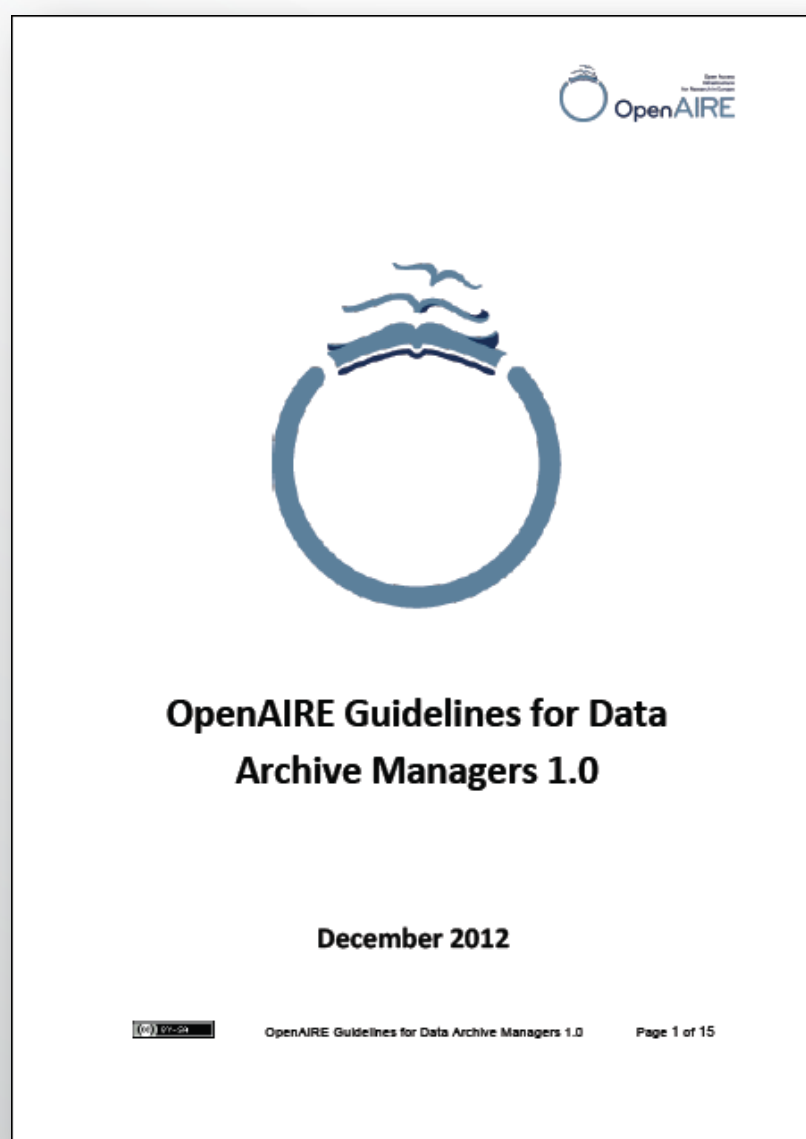
based on Dublin Core (DRIVER)





FOR DATA ARCHIVES

based on DataCite metadata schema 3.0



OpenAIRE Guidelines for Data Archive Managers 1.0

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FOR CRIS SYSTEMS

based on CERIF-XML



IDENTIFICATION
OA AND FUNDED RESEARCH
RESULTS via

OAI-SETS

‘openaire’
‘ec_fundedresources’
‘openaire_data’
‘openaire_cris’

OpenAIRE is about

LINKING


publications to projects

All
Publications
Data
Projects
People
Organizations
Data Providers

More search options »

At a glance

Funder	Funding Stream	Scientific Area	Start Year
European Commission (22354)	SP3 (9520)	PEOPLE (9520)	2012 (4751)
Wellcome Trust (8495)	SP1 (6783)	ERC (3974)	2011 (4644)
	SP2 (3974)	ICT (2231)	2013 (4296)
	Molecules, Genes and ... (2259)	HEALTH (999)	2010 (4288)
	SP4 (1940)	SME (969)	2009 (3739)
	View more	View more	View more




[PARTICIPATE](#)
DEPOSIT, JOIN

[SEARCH](#)
PUBLICATIONS, DATA, PROJECTS

[STATISTICS](#)
OA, PROJECTS, TOPICS

[SUPPORT](#)
FAQ, HELPDESK, GUIDES

[OPEN ACCESS](#)
IN EUROPE




8,399,456 publications and 611 datasets from 435 repositories and OA journals

More search options »


More search options

More search options »




Researchers

- › Deposit publications & data
- › Link research to funder/project
- › Download author's guide for OA




Data Providers

- › Register & validate content
- › Get guidelines for interoperability
- › Enrich repository content



Research Managers

- › Learn about EC & national policies
- › Create project reports
- › Get statistical information



Funding Agencies

- › Learn how to embrace OA
- › Participate in OpenAIRE
- › Find aggregated statistics

Latest News

Workshop on Mining Scientific Publications
09-05-2014

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

[Read more](#)

Mark your calendar

May 19

Mon, 05:00AM -

The 3rd LIBER Workshop on Digital Curation "Keeping Data. The Process of Data Curation"

May 19

Mon, 09:00AM - 09:00AM


EGI Community Forum 2014

May 20

Tue, 06:00AM -

Research Data Management: The library's role

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



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

OpenAIRE is about

EXPANDING

the repositories network

JOIN OpenAIRE

IR

Open
Access
content

EC
funded
content

National
or other
funded
content

Join OpenAIRE today!

The OpenAIRE services provide you with an easy way to validate your repository/journal and register it into the OpenAIRE network. To begin, read [these instructions](#).

1

[Test the compatibility](#) of your repository/journal or aggregator to the [OpenAIRE guidelines](#) for

- ✓ Publication Repositories / Journals / Aggregators
- ✓ Data Archives/Repositories

2

[Register your literature repository](#) , [data repository](#) , [journal](#) or [aggregator](#) in OpenAIRE

For more information check the [FAQ](#).

If you need further assistance please contact us through the [OpenAIRE Helpdesk](#).

Test and register the repository at: validator.openaire.eu

How to get involved?

- Find and discuss the guidelines at: guidelines.openaire.eu
- Test and register the repository at: validator.openaire.eu
- Find support and more info at: www.openaire.eu/support/helpdesk
- Access the OpenAIRE API documentation: api.openaire.eu

www.openaire.eu

Thank you!

<http://guidelines.openaire.eu>

 www.openaire.eu

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 linkedin.com/groups/OpenAIRE-3893548

 info@openaire.eu