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OpenAIRE Guidelines

for Data Archive Managers

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OpenAIRE Guidelines

for Data Archive Managers, Repository Managers and managers of CRIS

OpenAIRE is about

LINKING

publications to projects

But not just

ANY

publications or projects

Implementation of SC39

- **OpenAIRE was set out to:**
  - **Support and Monitor the implementation of SC39 the OA-pilot**
- **The strategy was to build on the existing repository infrastructure in Europe**
- **Build on and reuse the work done in DRIVER**
- **To harvest OAI repositories and link articles to EC funded projects e.g. FP7 and ERC**

OpenAIRE Guidelines

- The OpenAIRE Guidelines Version 1.0 – 2.0
  - Based on the DRIVER Guidelines
- Guidelines with specific requirements supporting the goal of OpenAIRE and the EC
  - Peer reviewed articles
  - Link to EC-funded project by exposing grant agreement number
  - Display access mode and embargo periode

It was

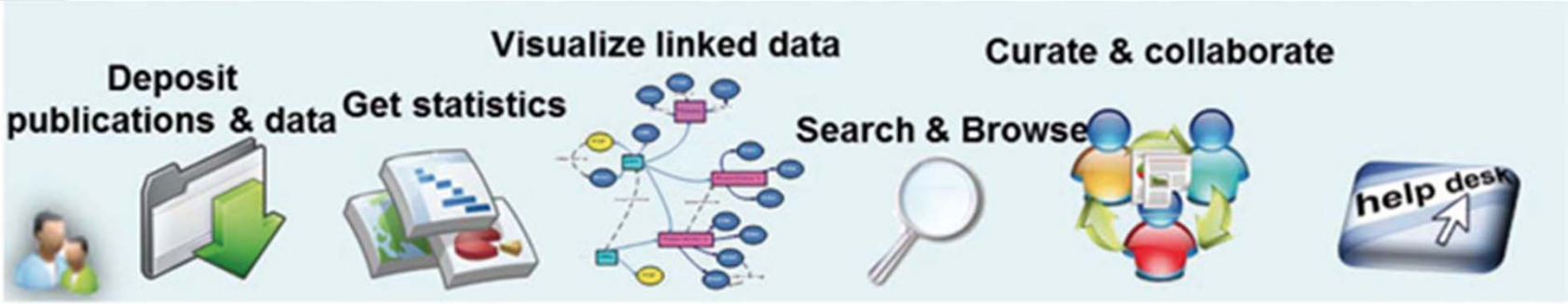
SIMPLE

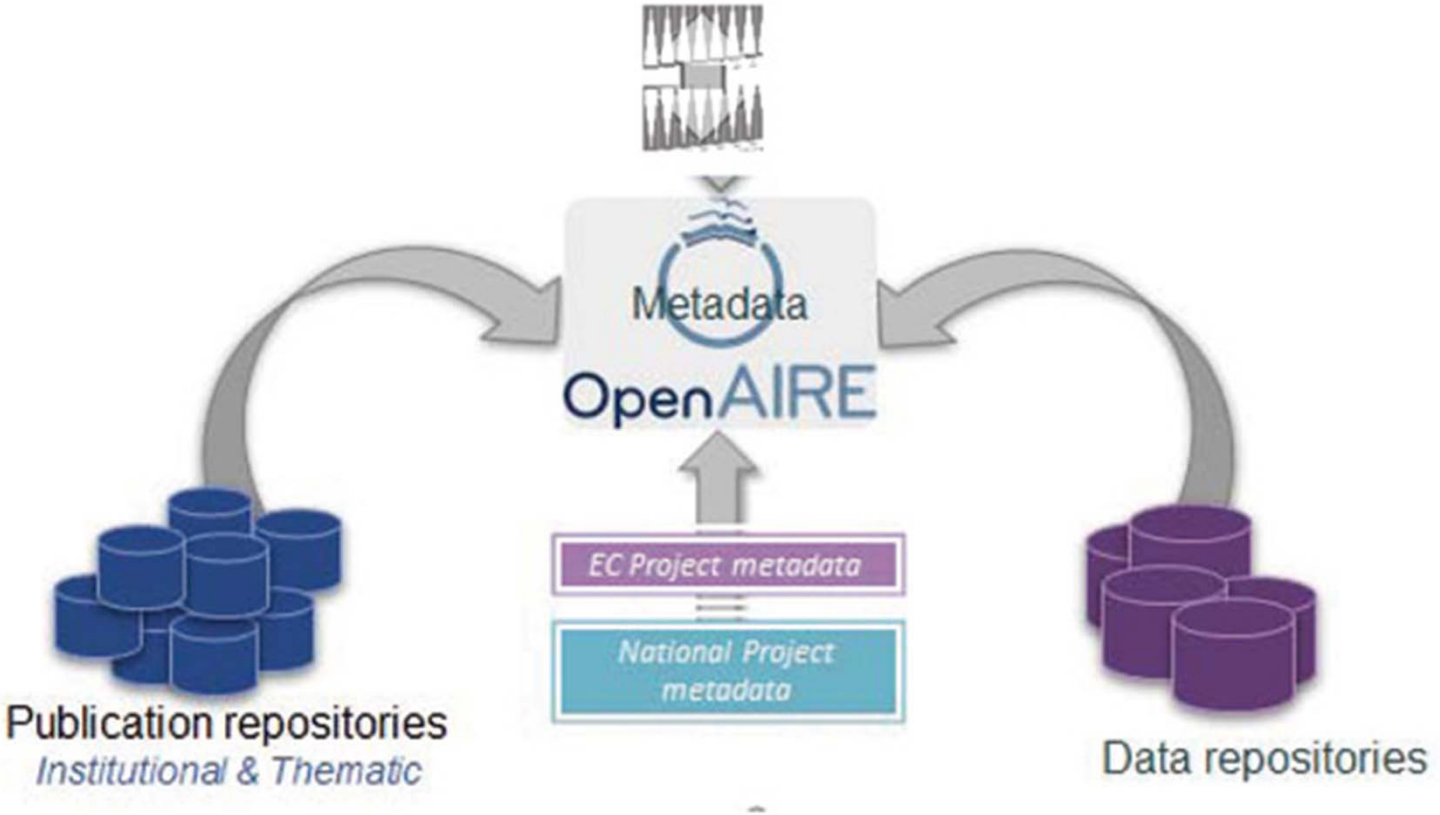
by intention

But the

UPTAKE

was slow


Deposit publications & data
Get statistics
Visualize linked data
Search & Browse
Curate & collaborate
help desk


Metadata
OpenAIRE
EC Project metadata
National Project metadata
Publication repositories
Institutional & Thematic
Data repositories

OpenAIRE needs to be

MORE

inclusive

(Un)Learning

OpenAIRE matures as an infrastructure

- **Linking publications to projects is not only relevant for the EC**
- **Linking to other related information like data set**
- **Links can be discovery through text mining -> content is key**

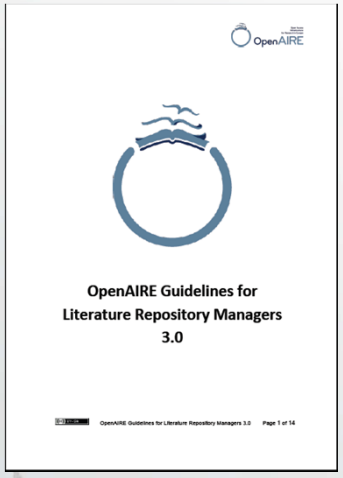
Still in scope

Building on existing standards

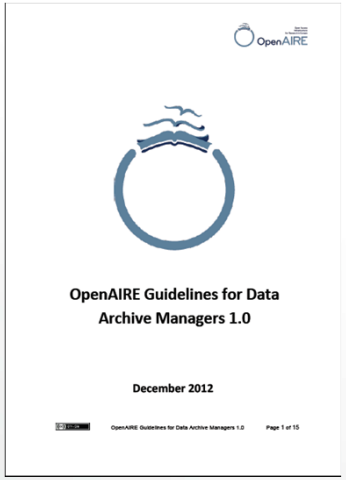
- OAI-PMH
- DRIVER Guidelines
- OpenAIRE Guidelines ++
- DataCite Metadata Scheme
- CERIF-XML
- …

OpenAIRE Guidelines

1 **Guidelines for Literature Repository managers version 3.0**

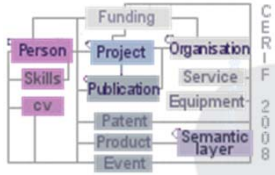


2 **Guidelines for Data Archive Managers**



3 **Guidelines for CRIS - CERIF-XML**

euroCRIS
Current Research Information Systems



Literature repositories

Different levels of compatibility

- Basic level
  - ✓ DRIVER
- Non-incremental intermediate levels
  - ✓ OpenAIRE
    - ✓ (OA pubs) + OA access rights (DRIVER)
    - ✓ (OA pubs +Non-OA) + access rights (license)
    - ✓ (OA pubs +Non-OA) + project info
    - ✓ (OA pubs +Non-OA) + data-set info
    - ✓ (OA pubs +Non-OA) + other publications
    - ✓ (OA pubs +Non-OA) + bibliographic references

Data Archives

DataCite metadata scheme

- ✓ Proven metadata standard for heterogeneous data sources and cross-disciplinary archives
  - ✓ i.e. ANDS Data portal
- ✓ Trusted and sustainable organisation
- ✓ Accepted that OpenAIRE can adapt the metadata schema to include other types of PID's than DOI

CRIS

euroCRIS CERIF-XML

- ✓ CERIF de facto standard for CRIS data model
  - ✓ Mapping and describing data entities i.e. organisation, person, project, output, data etc.
- ✓ CERIF-XML – standard for data exchange
- ✓ euroCRIS established and sustainable currators

Data Archive Managers

DataCite Metadata Schema

OpenAIRE has adopted version 2.2. of DMS with some minor adjustments

- **OpenAIRE accepts other persistent identifier schemes and not only a DOI**
  - **in 1.1 identifierType**
- **OpenAIRE recommends links to related publications and datasets i.e.**
  - **12. RelatedIdentifier property and attributes are mandatory when applicable**
- **OpenAIRE recommends using the 7. Contributor property to relate a dataset to funding information.**

DataCite Metadata Schema

OpenAIRE has adopted version 2.2. of DMS with some minor adjustments

- **DataCite optional properties 8. Date and 17. Description are mandatory in OpenAIRE.**
- **OpenAIRE enforces encoding schemes on DataCite property 16. Rights.**

We invite you to

INFLUENCE

our guidelines

Join us!

In tomorrows technical workshop we will discuss obstacles and possibilities for our Guideline approach!

Thank you!

Please get in touch if you're interested in becoming a reviewer of our guidelines!

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