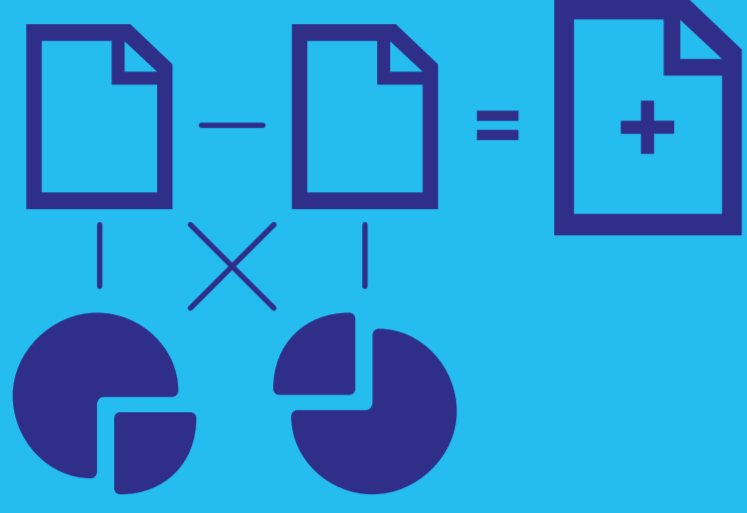


## Infrastructure

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

## Guidelines for

# Literature Repositories, Data Archives & CRIS

## managers

### 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.
- OpenAIRE/OpenAIREplus are FP7 funded projects started in 2009, with 41 partners involved: Univ. of Athens, Goettingen State Library, CNR-ISTI, Univ. of Warsaw, Bielefeld Univ. Library, CERN, Gent Library, eIFL, DTU, Univ. of Minho, SURF, + 32 national Open Access desks reaching out to all EU member states (and beyond). 3 scientific communities involved in linking publication to research data: EBI, DANS, BADC. Collaboration with EuroCRIS (EKT), EUDAT, DataCite, ORCID, COAR, LIBER, SPARC Europe.

### What are the OpenAIRE Guidelines?

- OpenAIRE has collaborated with key stakeholders and has produced three sets of guidelines for its data providers, all based on existing well-established standards.
  1. Guidelines for Literature Repositories: based on Dublin Core (DRIVER)
  2. Guidelines for Data Repositories: based on DataCite
  3. Guidelines for CRIS Managers: based on CERIF-XML
- Provide additional support for OAI Aggregators and Open Access Journals to maintain provenance on the record or at journal level.
- Best practices for the use of transfer protocol (OAI-PMH), metadata formats, controlled vocabularies.
- Guidelines make it easy to participate in the OpenAIRE network providing to data source managers the tools to support researchers in the EC's Open Access policy compliance.

### How do they work?

- Assist heterogeneous e-infrastructures like repositories, data archives and CRIS to interoperate in one common information space.
- Validation / Registration of OpenAIRE compatible data sources.
- Metadata is aggregated through OAI-sets: 'openaire' for thematic & institutional repositories, 'openaire\_data' for data repositories, 'openaire\_cris' for CRIS.
- Identification of Open Access and funded research results by OAI-Sets and controlled vocabulary terms in the metadata.
- Regular harvesting from the data sources.
- Latest schema guarantees backwards-compatibility with previous versions.
- For harvesting the records relevant to OpenAIRE, the use of specific OAI-PMH sets at the local CRIS system is mandatory.

## How to get involved?

- Find and discuss the guidelines at: [guidelines.openaire.eu](http://guidelines.openaire.eu)
- Test your repository for 'compliance' and register the OpenAIRE validator at: [validator.openaire.eu](http://validator.openaire.eu)
- Find help & support and more information: [www.openaire.eu](http://www.openaire.eu)

Austria (University of Wien)  
Belgium (University of Gent)  
Bulgaria (Bulgarian Academy of Sciences)  
Croatia (Ruder Boskovic Institute)  
Cyprus (University of Cyprus)  
Czech Republic (Technical University of Ostrava)  
Denmark (Technical University of Denmark)  
Estonia (University of Tartu)  
Finland (University of Helsinki)  
France (Couperin)  
Germany (University of Konstanz)  
Greece (National Documentation Centre)  
Hungary (HUNOR)  
Iceland Landspítali (University Hospital)  
Italy (CASPUR)  
Ireland (Trinity College)  
Latvia (University of Latvia)  
Lithuania (Kaunas University of Technology)  
Luxembourg (University of Luxembourg)  
Malta (Malta Council for Science & Technology and University of Malta)  
Netherlands (Utrecht University)  
Norway (University of Tromsø)  
Poland (ICM - University of Warsaw)  
Portugal (University of Minho)  
Romania (Kosson)  
Slovakia (University Library of Bratislava)  
Slovenia (University of Ljubljana)  
Spain (Spanish Foun. Science & Technology)  
Sweden (National Library of Sweden)  
Switzerland (University of Zurich)  
Turkey (Izmir Institute of Technology)  
UK (University of Nottingham)



## Research repositories link to OpenAIRE

PUBLICATIONS  
DATA  
FUNDING INFORMATION



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