OpenAIRE and the network of the European research repositories
OpenAIRE

OPEN ACCESS INFRASTRUCTURE FOR RESEARCH IN EUROPE
OA EU Pilot Mandate

FP7 OA Pilot (2008)
- Grant agreement SC39
- 20% programme areas
- Deposit in Repositories
- OA after embargo period (6-12 months)
- Gold payments during project

“Widest possible dissemination and access to research outputs through the creation and operation of an Open Access Infrastructure for Research in Europe.”
OpenAIRE
Open Access Infrastructure for Research in Europe

Infrastructure for facilitating the deposition, identification, access, and monitoring of FP7 and ERC funded articles, and compliance to OA mandates

Point of reference for Open Access in Europe

2009 – 2012
OpenAIREPlus
Open Access Infrastructure for Research in Europe

Infrastructure for the identification, deposition, access, linking and monitoring of FP7, ERC, and other organizations funded outcomes and resources

2011 – 2014
Infrastructure

“Human Network”

“e-Infrastructure”

Participatory Approach
What is OpenAIRE today

1. SUPPORT
   Helpdesk. Engaging people and scientific repositories in 27 EU member states and beyond

2. PORTAL
   24 x 7 Service. Access to Research records. Linking publications to datasets, author information and above all, funding information

3. ZENODO
   Repository for data and articles that can be stored neither in institutional nor in subject-based/thematic repositories
Supporting OA in Europe

- 32 National Open Access Desks
  - Involving research libraries, and diverse national research organizations
- OA advocacy through targeted activities
  - Liaison with National Reference Points
- Helpdesk, workshops, training
- Harmonisation of OA policies
- Definition of shared guidelines

OpenAIRE representing all Member States

- Croatia
- Denmark
- Finland
- Iceland
- Norway
- Sweden
- Cyprus
- Greece
- Italy
- Malta
- Portugal
- Spain
- Turkey
- Bulgaria
- Czech Republic
- Estonia
- Hungary
- Latvia
- Lithuania
- Poland
- Romania
- Slovakia
- Slovenia
- Austria
- Belgium
- France
- Germany
- Ireland
- Luxembourg
- Netherlands
- Switzerland
- UK

Research Infrastructures and e-Infrastructures for Cultural Heritage, Rome, 13-14 November 2014
Datasets

Datasets include:

• Digital collection belonging to museum, libraries and archives;
• 3D models, and replicas;
• resources;
• Scientific data produced through chemical, physical, and sectorial analyses; and
• and documents produced during archeological and conservation restoration activities

Research Infrastructures and e-Infrastructures for Cultural Heritage Vision document
Zenodo

“Catch-all” repository: OpenAIRE-CERN joint effort

• Multiple data types
  • Publications
  • Long tail of research data
• Citable data (DOI)
• Links to funding, pubs, data, software

www.zenodo.org

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H2020: Option to gather, preserve and share your project’s scientific output
Some numbers (November 2014)

8.4M publications
7M authors
450+ data providers
Linked to 90K projects from 2 funders (EC and Wellcome Trust)
Linked to 7000 datasets
33K organizations
Open access can be defined as the practice of providing on-line access to scientific information that is free of charge to the end-user and that is re-usable. In the context of research and innovation, 'scientific information' can refer to

(i) peer-reviewed scientific research articles (published in scholarly journals) or

(ii) research data (data underlying publications, curated data and/or raw data)
OpenAIRE2020

• **Build a pan-European Research Information Management System**
  • Monitor OA research outcomes from the EC and other national funders

• **Support institutions, PO’s, PC’s in their RDM activities**
  • Promote good practices through DMP tools and educate NOAD’s on Gold OA

• **Measuring impact**
  • Multidimensional indicators of scholarly performance based on data retrieved by the OpenAIRE platform
  • Indicators for second level impact that link OA to social, cultural and economic impact
D-Net enabling system

The basic enabling system

Data curation, enrichment, mining, statistics, trends, ....

Specialised sw tools

The infrastructure

Community specialised services

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Other D-Net enabled infrastructures: EFG

- Virtual Exhibition Application
- Authority Files Management and Metadata Editor

**European Film Gateway**

http://www.europeanfilmgateway.eu/

- 33 contributing archives from 22 countries
- 1 M of digitized items
- 750 hours of film on the theme of World War I

**DIF – Deutsches Film Institute, Germany**

Cinematographic heritage researchers, educators and interested public
Other D-Net enabled infrastructures: HOPE

- Provisioning to social sites based on content type and target audience
- Data Curation: Vocabulary & Mapping Rules Editor

HOPE – Heritage of Peoples’ Europe
- 15 contributing archives from 15 countries
- 3 M of digitized items

IISG – International Institute of Social History, Netherlands

Social history and people’s movements history researchers and educators
Other D-Net enabled infrastructures: EAGLE

EAGLE – Europeana Network of Ancient Greek and Latin Epigraphy
http://www.eagle-network.eu

- 16 contributing from 11 countries
- 80% of the total amount of inscriptions in the Mediterranean area
- 1.5 M of images and related metadata

To be transferred to Università La Sapienza of Rome, Italy

Ancient history researchers and educators
Thank you!

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