OpenAIRE

Open Access
Infrastructure
for Research in Europe

www.openaire.eu

COAR

Confederation of Open Access Repositories

www.coar-repositories.org

Facilitate international repository networks: the Pan-European OpenAIRE project and the Confederation of Open Access Repositories (COAR)
BIREDIAL Conferencia, Bogota, 9 May 2011

Norbert Lossau, Alicia Lopez-Medina, Eloy Rodrigues

Topics

- The European Commission and Open Access

- The European OpenAIRE Project – an Overview

- OpenAIRE in the wider international context : the *Confederation of Open Access Repositories*

- COAR Latinamerica: your Opportunity to become a Member of the International Community

- Success Factors for Open Access repository networks

FP7 Open Access Pilot

- Launched in August 2008, will run until the end of FP7 (2013)

- Special Clause 39 (SC39), part of the Grant Agreement with the EC, requires beneficiaries to:

  "**deposit peer reviewed research articles** or final manuscripts resulting from their FP7 projects into an **online repository** and make their **best efforts to ensure open access** to these articles"

European Commission
Research & Innovation - Science in society

European Commission > Research > SiS > Policy Initiatives > Open Access

HOME   HOT TOPICS   FUNDING   ACTIVITIES   TOOLS   E-LIBRARY   EVENTS   WHAT'S NEW

Policy Initiatives

POLICY INITIATIVES

Exploratory Activities

Open Access ›

Open Access in FP7

Background

Relevant EU-funded projects

Nanosciences and nanotechnologies

Promoting International Dialogue

Gender and Research

Research for CSOs

Scientific expertise (SINAPSE)

Share

OPEN ACCESS

'Open Access' refers to the practice of granting free Internet access to research articles. As all research and innovation builds on earlier achievements, an efficient system for broad dissemination of and access to research publications and raw data can accelerate scientific progress.

This is essential for Europe's ability to enhance its economic performance and improve its capacity to compete through knowledge. Open Access can also boost the visibility of European research, and in particular offer small and medium-sized enterprises (SMEs) access to the latest research for exploitation (helping to speed up commercialisation and innovation).

In August 2008, the European Commission launched the 'Open Access Pilot in the Seventh Framework Programme (FP7)', intended to provide researchers and other interested members of the public with improved online access to EU-funded research results.

The pilot aims to permit easy and free access to scientific information, in particular peer-reviewed scientific articles published in journals. Articles covered by the pilot will become accessible after an embargo period of 6 or 12 months, depending on the FP7 area.

Statistics show that there are approximately 800 publishing houses in Europe that publish almost half of the world's research articles. European researchers publish roughly 43 % of the research papers produced across the globe. The Open Access pilot will ensure open access to a significant amount of scientific articles resulting from research funded under FP7.

The pilot, which will run until the end of FP7, covers approximately 20 % of the FP7 research budget.

Top | Back

http://ec.europa.eu/research/science-society/index.cfm?fuseaction=public.topic&id=1294&lang=1

4

Home   Hot Topics   Funding   Activities   Tools   E-Library   Events   What's New

The European OpenAIRE Project

Biredial Conferencia, 9 May 2011, Bogota

Energy * Environment (incl. Climate Change) * Health * ICT * Research Infrastructures * Science in Society * SocioEconomic Sciences and the Humanities

12/2009 – 11/2012

EU-Funded Research on Pandemic and Avian Influenza
http://ec.europa.eu/res earch/press/2006/pr070 2en.cfm

EDUMIGROM (FP7)
http://www.edu migrom.eu/
Dr. Julia Szalia, Central European University
http://web.ceu.h u/polsci/faculty/v isiting.htm

*Plus other thematic areas where possible

Biredial Conferencia, 9 May 2011, Bogota

SC39 Projects by Work Programme (as of October 2010)

- 530 projects with 120+ countries involved

- estimated by EC: at least 800 projects until end of FP7

- about 16-18.000 publications (?)

- ERC – currently 1.350+ individual research grants

Legend:
- Energy
- Environment
- Food, Agriculture and Fisheries, and Biotechnology
- General Activities
- Health
- ICT
- Nanosciences, Nanotechnologies, Materials and new Production Technologies
- Research Infrastructures
- Science in Society
- Socio-economic Sciences and Humanities

Pie chart values: 14%, 24%, 0%, 0%, 22%, 10%, 1%, 10%, 11%, 8%
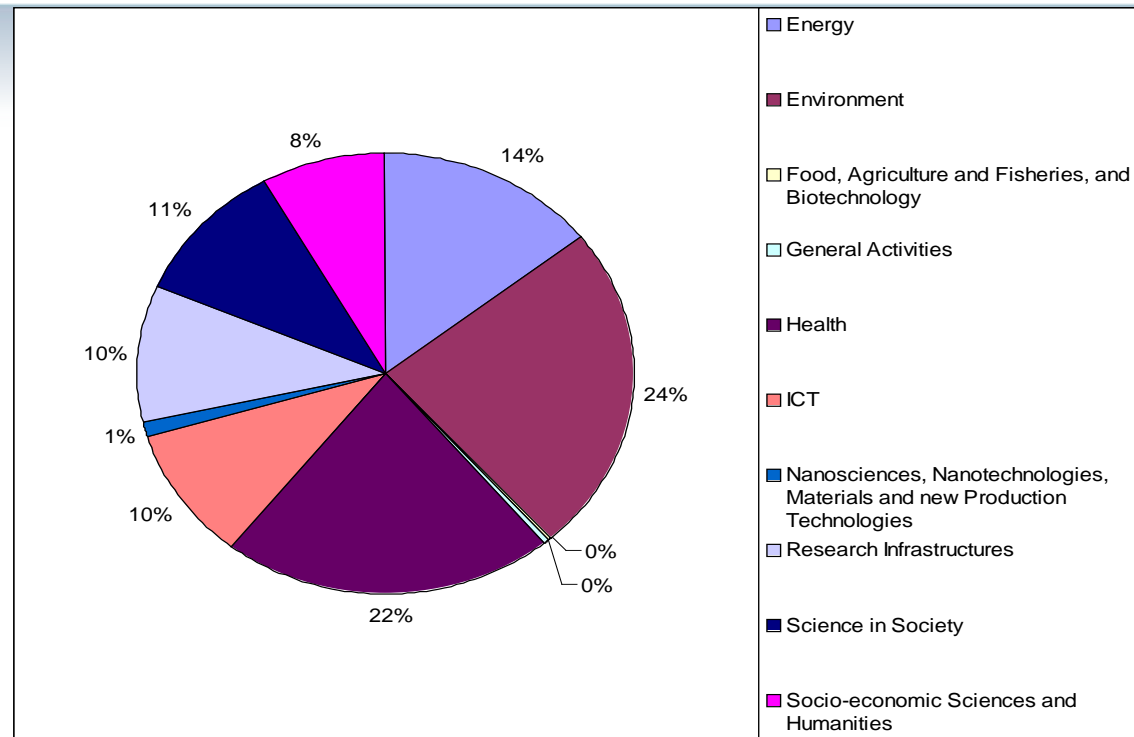
Article Statistics

Total number of articles published in FP7 after August 2008	10000
Total number of open access articles	-
Average number of articles per project	22
Total number of articles of SC39 projects	10000
Average number of articles of SC39 projects	22
Number of articles still in embargo period	
Gold (open access)	-
6 months embargo	-
12 months embargo	-
Other...	-
Number of projects that have not published any articles	6436
Number of projects in the pilot that have not published any articles	0

Monitoring

20%

16%

EC, Science in Society: "This pilot is supported and monitored through the OpenAIRE project. During and after FP7, the Commission will analyse the impact of the pilot and its benefits to EU-funded research with the European Parliament, Member States and stakeholders. The Open Access pilot could potentially be used as a model for the next Framework Programme, and in the Member States. "

Measure impact of FP7 OA pilot

Core partners

- University of Athens – *coordinator*

- Goettingen State and University Library - *scientific coordinator*

- CNR-ISTI - *technical coordinator*

  - University of Bielefeld
  - Spanish National Research Council (CSIC)
  - CERN
  - SURF
  - ICM – University of Warsaw
  - University of Minho
  - University of Gent Library
  - eIFL
  - Technical University Denmark

Biredial Conferencia, 9 May 2011, Bogota

National Open Access Desks
*Reaching all European Member States**

Region 1 North (DTU)

Denmark
(Danish Technical University)

Finland
(University of Helsinki)

Sweden
(National Library of Sweden)

Norway
(University of Tromsoe)

Region 2 South (UMINHO)

Cyprus
(University of Cyprus)

Greece
(National Documentation Center)

Italy
(CASPUR)

Malta
(Malta Council for Science & Technology)

Portugal
(University of Minho)

Spain
(Spanish Foundation for Science & Technology)

Region 3 East (eIFL)

Czech Republic
(Technical University of Ostrava)

Bulgaria
(Bulgarian Academy of Sciences)

Hungary (HUNOR)

Estonia
(University of Tartu)

Lithuania
(Kaunas Technical University)

Latvia
(University of Latvia)

Romania
(Kosson)

Poland
(ICM – University of Warsaw)

Slovakia
(University Library of Bratislava)

Slovenia
(University of Ljubljana)

Region 4 West (UGENT)

Austria
(University of Wien)

Belgium
(University of Gent)

France
(Couperin)

Germany
(University of Konstanz)

Ireland
(Trinity College)

Netherlands
(Utrecht University)

UK
(SHERPA)

*Excl. Luxembourg, Plus Norway

Biredial Conferencia, 9 May 2011, Bogota

Scientific Communities
Investigate requirements for *data sets linked with publications*

○ Health (Life Sciences)

   – EMBL-EBI

○ Environment

   – World Data Center for Climate

   – Consultative Group on International Agricultural Research (CGIAR)

○ Information & Communication Science

   – Cognitive Interaction Technology (CITEC)

○ Socio-economic Sciences and Humanities

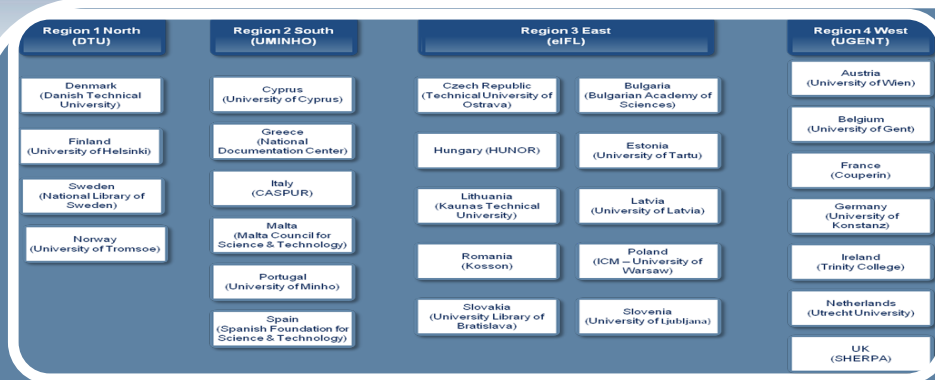   – Data Archiving and Networked Services (DANS)

OpenAIRE: Objectives

1. Building Support Structures for Researchers in Depositing FP7 Research Publications

2. Establishment and Operation of the OpenAIRE e-Infrastructure

3. Exploration and Experimentation with Scientific Data Management Services

4. Sustainability of the OpenAIRE e-Infrastructure and Support Structures, Exploitation and Promotion

Objective 1: Support Infrastructure for Researchers

Region 1 North (DTU)	Region 2 South (UMINHO)	Region 3 East (eIFL)		Region 4 West (UGENT)
Denmark (Danish Technical University)	Cyprus (University of Cyprus)	Czech Republic (Technical University of Ostrava)	Bulgaria (Bulgarian Academy of Sciences)	Austria (University of Wien)
Finland (University of Helsinki)	Greece (National Documentation Center)	Hungary (HUNOR)	Estonia (University of Tartu)	Belgium (University of Gent)
Sweden (National Library of Sweden)	Italy (CASPUR)	Lithuania (Kaunas Technical University)	Latvia (University of Latvia)	France (Couperin)
Norway (University of Tromsoe)	Malta (Malta Council for Science & Technology)	Romania (Kosson)	Poland (ICM – University of Warsaw)	Germany (University of Konstanz)
	Portugal (University of Minho)	Slovakia (University Library of Bratislava)	Slovenia (University of Ljubljana)	Ireland (Trinity College)
	Spain (Spanish Foundation for Science & Technology)			Netherlands (Utrecht University)
				UK (SHERPA)

- Europe wide Helpdesk, coordinating 27 national OA desks (NOADs)
- Researchers Toolkit (Relevant information on the OA Mandate/Special Clause 39, Copyright Addendum, etc.)
- More than 400 Institutional Repositories, offered in many of the EU member states
- 1 central, European Orphan Repository
- Supported deposit (where possible)

Biredial Conferencia, 9 May 2011, Bogota

Open Access in Spain

Biredial Conferencia, 9 May 2011, Bogota

Information pages on Open Access from 26 EU member states + Norway

Open Access e.g. in

22 more countries…

Information about
- The National Research Environment (research institutions, funding)
- Open Access and Repositories (awareness, repositories, journals, organizations)
- Contact details of the Open Access Desk

http://www.openaire.eu/en/nlo/country-information.html

Biredial Conferencia, 9 May 2011, Bogota

Google

Zeitbuchung...ver Portal | OpenAIRE -...nch Event | VC-COAR-WG-chairs | VC-COAR-Exec-Board | Ihre Online ...ig drucken! | Sharepoint OpenAIRE | OpenAIRE -...ou can do | OpenAIRE_...onference

Regionalpolitik Inforegio - ... | Ländercodes | OpenAIRE - OpenAIRE

Domů | News | Kontaktujte nás

BG CS DE EE EL EN ES FR HU IT LV LT PT RO SI SK

hledat...

OpenAIRE
Open Access Infrastructure for Research in Europe

Sledujte nás na Twitteru — FOLLOW ME

Členové konzorcia
Uživatelské jmé
login

OA & pilotní projekt EK | Jak ukládat | Podpora | Národní kanceláře OA | Najít publikace 7. RP | O projektu

Uložit v režimu OA

Uživatelská podpora OA

Přístup k publikacím EK

Otevřený přístup (OA) v Evropě

Rychlé odkazy
FAQ
Položit dotaz
Novinky & události
Publikace & prezentace
Příbuzné projekty

Koutek výzkumníků
Jak vyhovět?
Najít repozitář pro uložení
Co s nakladatelskými smlouvami
Poznejte politiky OA ve své zemi

Koutek pro správce repozitářů
Zobrazit Pravidla OpenAIRE
Vyhovuje váš repozitář OpenAIRE?
Registrujte svůj repozitář v OpenAIRE

Koutek výzkumných institucí
Jak může pomoci vaše instituce
Nejlepší postupy

20 ÚNOR 2010

European Countries join forces to realize the EC Open Access pilot: OpenAIRE

OpenAIRE (Open Access Infrastructure for Research in Europe), a three-years project funded under the 7th Framework Programme of the European Commission, has now taken up its work to implement Open Access on a pan-European scale. This ambitious effort unites 38 partners from 27 European countries.

The main goal of OpenAIRE is to support the Open Access pilot, launched by the European Commission in August 2008. This Open Access pilot, which covers about 20% of the FP7 budget, commits researchers from 7 thematic areas (Health, Energy, Environment, Information & Communication Technology, Research Infrastructures, Socio-economic sciences & Humanities and Science in Society) to deposit their research publications in an institutional or disciplinary Open Access repository, to be made available worldwide in full text. OpenAIRE will establish underlying structures for researchers to support them in complying with the pilot through European Helpdesk System, build an OpenAIRE portal and e-Infrastructure for the repository networks and explore scientific data management services together with 5 disciplinary communities.

"The implementation of a Europe-wide infrastructure for Open Access is a

Nejnovější zprávy
New Open Access Mandate in Spain: Universidad Politécnica de Madrid
15/11/2010

The 28th, November, 2010, the Universidad Politécnica de Madrid, approved the Open Access Policy of the University, to promote publication in the Open Repository UPM (or in Polytechnic Digital Librar [...]

Více informací

DALŠÍ ČLÁNKY
- OpenAIRE Presentation and Launch Event

Biredial Conferencia, 9 May 2011, Bogota

Region South

- Portugal: guidelines communicated to repository managers, 19 compliant repositories in December 2010, Portuguese translation of the guidelines ready

- Spain
    - OpenAIRE Guidelines Spanish translation ready
    - Quick Guide to OpenAIRE compatibility, English (with help from RSP)/ Spanish version
    - 28 repositories will be OpenAIRE compliant by early 2011

- Malta: Malta Council for Science and Technology working with University of Malta on possibility of developing institutional repository, will be compliant

- Cyprus: Cyprus U of Technology (KTSIS) compliant, repository of U of Cyprus under construction (available in 3 months)

- Greece: UMINHO DSpace Add-on testing in Progress: NHRF repository & U.Patras (both are DSpace DRIVER compliant repositories), 1 in December, 8 early 2011

- Italy: guidelines discussed with repository managers, 20 planned to be compliant by the end of 2010

Toolkit for Institutions

- **Audience:** policy makers, repository manager, librarians, research administrators

- **Main questions**
    - Why OA for European research results?
    - What is expected by the EC/ERC OA policies?
    - How to support researchers for compliance?
    - How to combine the EC/ERC polices with institutional policies?

- **Ingredients:** guidelines for OA policy development, OpenAIRE Guidelines, handout for repository managers,

- **Objectives:** policy development, implementation and monitoring; guidance for repository compliance, assisting researchers in deposition process, cooperation of repository and research admin
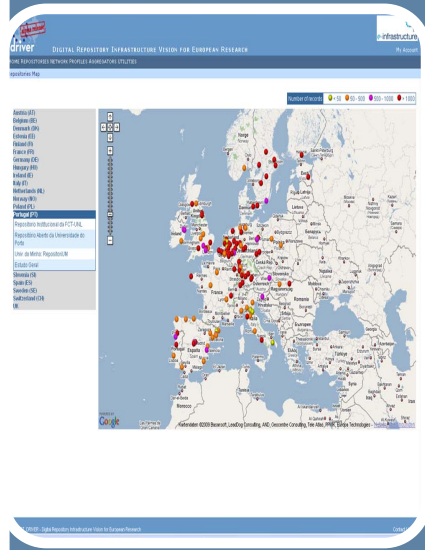
Toolkit for Researchers

- **Audience:** project researchers/coordinators, administrators

- **Main questions**
  - Why OA for European research results?
  - What is expected by the EC/ERC OA policies?
  - How to comply?
  - Where to deposit?

- **Ingredients:** Information about the FP7 OA Pilot and the ERC OA Guidelines, template for letter to publisher, handout, … >> SC39 Starter Kit - to be extended by other materials

- **Objectives:** guidelines for authors, with adaption to local situation >> repository for deposition, librarian supporting copyright clearance and assisting in deposition process

Objective 2: EU wide Repository Infrastructure

- Coverage: Research Publications
- Build a portal that is the gateway to all user-level services
- Infrastructure is based on the OA repository network (<DRIVER)
- Deploys the open source software toolkit D-NET
- Issue Guidelines for repository managers to ensure compliance of local repositories
- Deliver multiple Usage Statistics (to inform EC/ERC and EU member states Open Access policy)

Biredial Conferencia, 9 May 2011, Bogota

OpenAIRE Guidelines

- Released in July 2010

- The OpenAIRE guidelines are supplementary and built on top of the DRIVER Guidelines

- Plus fields: projectID, accessRights, embargoEndDate

- All aspects of the DRIVER Guidelines are valid, with a very few exceptions

- DRIVER compliancy recommended, not mandatory

- Dspace add on is available; ePrints, Opus have been contacted
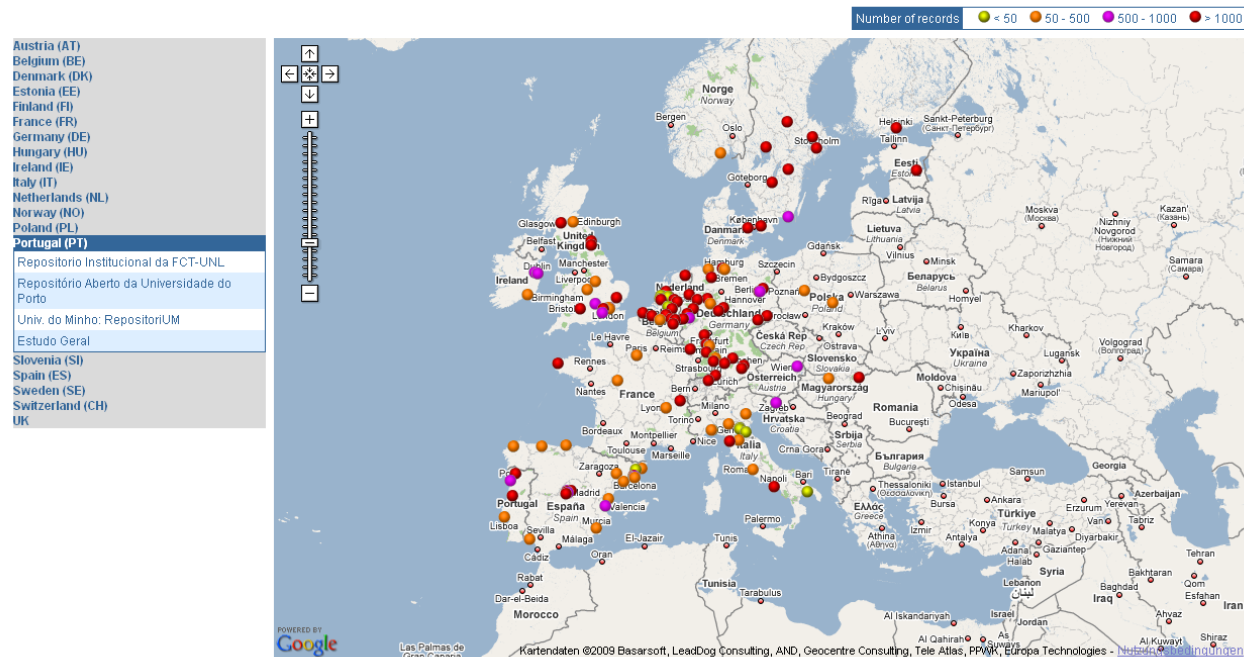
- PKP's Open Journal System is keen to become compliant

DRIVER 2. 0 ⟹ OpenAIRE 1.0 ⟹ [COAR 1.0]*

*scheduled for March 2012

Institutional Repositories across EU member states

Biredial Conferencia, 9 May 2011, Bogota

A place for "homeless" researchers in Europe

Provided by the OpernAIRE partner CERN

- powered by Invenio technology

Objective 3: Investigate Relationship Publications – Data Sets
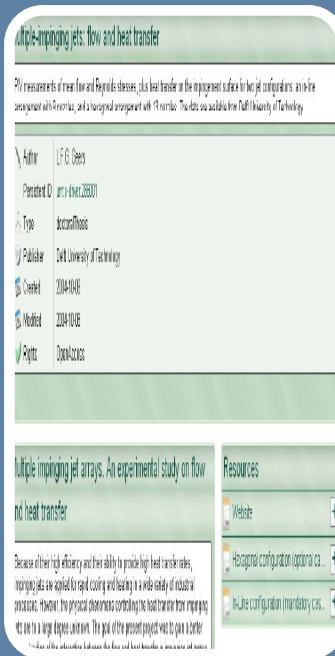
- Work with 7 communities from Life sciences, Environment, Information & Communication Science, Socio-economic Sciences and Humanities, e-Infrastructures

- Explore the requirements, practices, incentives, workflows, data models, and technologies to deposit, access, and otherwise manipulate research datasets

- Produce feasibility studies to show researchers the benefits of depositing

EC Vice-President Neelie Kroes about the OpenAIRE project

Neelie Kroes, Vice-President of the European Commission for the Digital Agenda said: "The launch of OpenAIRE marks a very concrete step towards sharing the results of EU funded research to our mutual benefit. Scientific information has the power to transform our lives for the better – it is too valuable to be locked away. In addition, every EU citizen has the right to access and benefit from knowledge produced using public funds."

EC Press Release, 2 Dec.2010

Biredial Conferencia, 9 May 2011, Bogota

OpenAIRE in Europe: Multi-Culturality is our strength! (1.12.2010, General Assembly)

Promotion OA among officials, researchers, publishers, librarians (Lithuania)

Open Access is now a theme at the highest level in Denmark

Networking is our power! (Portugal)

As knowledge drives global economic and social growth, and research transits national and disciplinary boundaries, funders and researchers gradually consider Open Access as an essential tool to increase impact and return of investment. (Hungary)

Things take time – we're moving but we are not there yet... (Norway)

OpenAIRE project has significantly stimulated OA/IR in the Czech Republic!

Spain is working in the coordination at the national level of IR and OA

Try to reach out to researchers as early as possible. (Netherlands)

Long way before us... (Slovakia)

Promotion OA among officials, researchers, publishers, librarians (Lithuania)

We need to see the wider picture (Sweden)

The OpenAIRE project has given Cyprus the opportunity to set up the necessary infrastructure and the boost to support the idea of Open Access.

Networking is an important driver for open access developments! (Germany)

OpenAIRE in the wider international context

○ COAR's **Vision**: A global knowledge infrastructure of OA repositories

…and **Mission**: To enhance and progress the provision, visibility and application of research outputs in the online world

http://coar-repositories.org/

Factsheet

- COAR e.V., a registered not-for-profit association of repository initiatives according to German law, Office seat: Göttingen, DE

- Founded in Ghent, BE, October 21, 2009, born out of the European DRIVER Project (FP7)

- Members & Partners (31 March 2011): 59 member organisations (87 institutions, 23 countries= Europe, Japan, Latin-America, Canada, China, USA)

- WG 1 "Repository Content"

- WG 2 "Repository Interoperability"

- WG 3 "Repository and Repository Networks Support & Training"

Working Group 1

Kathleen Shearer (Chair; CARL, CAN), Neil Jacobs (Co-chair; JISC, UK)

To populate repositories with content: Collect, assemble and disseminate best practices for the inception, operation and growth of OA repositories

WG 1: Work Plan 2011-2012 (Selection)

- Compile best practices for populating repositories
- Develop guidelines for funding agencies on implementing open access policies
- Pool of expertise from COAR membership available for those at the beginning stages of implementing repository networks
- Compile case studies to assist others in implementing archiving language into licenses
- Work with SPARC Europe to develop an open access program at ICOLC in September.

Working Group 2
Eloy Rodrigues (Chair; U Minho, PT), Syun Tutiya (Co-chair; DRF, JP)

Facilitate the discussion on interoperability among OA repositories and as part of a wider e-Infrastructure

WG 2: Work Plan 2011-2012 (Selection)

- *COAR Guidelines on Repository Interoperability*
  - *Inventory/wish list of interoperability functionalities (2nd Quarter 2011)*
  - *Evaluation of Existing Guidelines (3rd Quarter 2011)*
    - DRIVER Guidelines http://www.driver-support.eu/managers.html
    - DINI Certificate http://www.dini.de/english/dini-certificate/
    - OA mandates & grant reporting – OpenAIRE Guidelines http://bit.ly/hLi5L2
    - Knowledge Exchange Usage Statistics Guidelines http://wiki.surffoundation.nl/display/standards/KE+Usage+Statistics+Guidelines
    - PEER Guidelines for publishers and repository managers on deposit, assisted deposit and self-archiving http://www.peerproject.eu/fileadmin/media/reports/D3_1_Guidelines_v8.3_20090528.Final.pdf
    - Knowledge Exchange CRIS interoperability project https://infoshare.dtv.dk/twiki/bin/view/KeCrisOar/WebHome
  - *Drafting/Discussing/Publishing COAR Guidelines (4th Quarter 2011-1st Quarter 2012)*
  - *Integration of services based on COAR compliance (2012)*

WG 2: Work Plan 2011-2012

- "Briefing paper" on repository interoperability
  - May 2011

- ***Making the case for repository interoperability***
  - Define repository interoperability
  - Identify the added value and the services that can be available, for the research community, through different levels of interoperability

Working Group 3
Iryna Kuchma (Chair; eIFL), Marnix van Berchum (Co-chair; SURF, NL)

- *Support regional and national repository initiatives*
- *Foster the exchange of ideas and expertise within the repository community*
- *Facilitate the professionalisation of repository manager*

WG 3: Work Plan 2011-2012 (Selection)

- Training materials on operational issues required to install, implement and deploy open repositories

- Overview of national helpdesks
  - contact information and expertise;
  - readiness to share expertise, training materials, FAQs and to participate in the international helpdesk programme for repository managers

- Facilitating translation of training materials

- Support services involving national helpdesks

- COAR Training events
  - Online webinars;
  - On-site training events

Why did institutions choose to become a member of COAR?

- To raise the international visibility of my local organization and our research output
- We need COAR international guidelines for INTEROPERABILITY to convince our national funders
- COAR provides a global pool of expertise and perspective, is an authoritative voice that can help in my country to pursuade funders and ministries to support a repository network
- We expect best practices, guidelines and training materials
- We find new contacts, useful information
- At the 2nd annual meeting (March 2011) we found new friends working for the same goals. We also found support from COAR to our legislation initiative
- We expect COAR can start a dialogue with publishers, affirming the repository interests
- COAR can be the organisation to pursue linking of publications to research data
- COAR has the right vision to help researchers and to support the development of eResearch-infrastructures (publications & data)

Invitation to Latinamerican institutions to join COAR!

Current members

- Cooperación Latino Americana de Redes Avanzadas (CLARA)

- Ministerio de Ciencia, Tecnología e Innovación Productiva (MinCyT, AR)

- Red Nacional Académica de Tecnología Avanzada (RENATA)

- Universidad del Rosario, CO

Invitation to Latinamerican institutions to join COAR!

Various options:

- Institutions from single countries become full members

- Institutions from single countries build a group (up to 10 members) OR a group consortium (11 members – unlimited)

Current discussions

- Build COAR Latinamerica under the umbrella of CLARA

Success Factors for Open Access Repository Networks

- Strategy on future research infrastructures (Open Access, eResearch, global)

- Policies of Funders and Ministries

- National, regional implementation (funding) programmes

- Communities of practice (national, regional, international)

- Technical Repository Infrastructure

- Long-term commitment

Gracias por su atención!

Contact:
coar-office@sub.uni-goettingen.de