A Pan-European Effort to Realize the OA-Pilot of the European Commission/European Research Council

Norbert Lossau, OpenAIRE Scientific Coordinator

Berlin 8-Conference, Beijing, 26 October 2010
Topics

- The OA Pilot of the European Commission & the European Research Council OA Mandate
- The OpenAIRE Project – an Overview
- OpenAIRE in the Wider Context: the *Confederation of Open Access Repositories (COAR)*
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"
December 2006 - ERC Scientific Council's Statement on Open Access:

- fundamental importance of peer-review in ensuring the certification and dissemination of high-quality scientific research
- the importance of wide access and efficient dissemination of research results.

December 2007 – ERC Guidelines for Open Access:

- The ERC requires that all peer-reviewed publications from ERC-funded research projects be deposited on publication into an appropriate research repository where available or an institutional repository, and subsequently made Open Access within 6 months of publication.
- The ERC considers essential that primary data are deposited to the relevant databases as soon as possible, preferably immediately after publication and in any case not later than 6 months after the date of publication.
The OpenAIRE Project

OpenAIRE is the immediate, online, free availability of research outputs without restrictions on use commonly imposed by publisher copyright agreements. It concerns the outputs that scholars normally give away free to be published - peer-reviewed journal articles, conference papers and datasets of various kinds. Learn more...

Open Access in Europe

Two main European OA initiatives are in progress which will improve access to, and will accelerate the research and discovery process:

- Open Access Pilot in FP7: Read more...
- ERC Scientific Council Guidelines for Open Access: Read more...

Supporting OA deposition

OpenAIRE has set up a Helpdesk to answer your questions about the FP7 pilot and ERC OA guidelines, and on depositing Open Access publications.

Check out our FAQ or post your question to our Helpdesk.

http://www.openaire.eu
OpenAIRE: implementing the Open Access Pilot in 7* thematic areas

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


*Plus other thematic areas where possible

EU-Funded Research on Pandemic and Avian Influenza

EDUMIGROM (FP7)
http://www.edu-migrom.eu/
Dr. Julia Szalia,
Central European University
http://web.ceu.hu/polsci/faculty/visiting.htm

OpenAIRE - Berlin 8, Beijing, Oct 2010
OpenAIRE: implementing the Open Access Pilot in all EU member states

Contracts with Special Clause 39 (as of June 2010)

- 55 Energy
- 122 Environment
- 108 Health
- 50 ICT
- 16 Research Infrastructures
- 43 Science in Society
- 39 Socio-economic Sciences and Humanities
- (4 Nano-Sciences)

>> 437 projects with SC39

>> Expected number of publications? Unclear
### Measure impact of FP7 OA pilot

Statistics on project-publications

<table>
<thead>
<tr>
<th>Topic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of articles published in FP7 after August 2008</td>
<td>10000</td>
</tr>
<tr>
<td>Total number of open access articles</td>
<td>-</td>
</tr>
<tr>
<td>Average number of articles per project</td>
<td>22</td>
</tr>
<tr>
<td>Total number of articles of SC39 projects</td>
<td>10000</td>
</tr>
<tr>
<td>Average number of articles of SC39 projects</td>
<td>22</td>
</tr>
<tr>
<td>Number of articles still in embargo period</td>
<td></td>
</tr>
<tr>
<td>Gold (open access)</td>
<td>-</td>
</tr>
<tr>
<td>6 months embargo</td>
<td>-</td>
</tr>
<tr>
<td>12 months embargo</td>
<td>-</td>
</tr>
<tr>
<td>Other...</td>
<td>-</td>
</tr>
<tr>
<td>Number of projects that have not published any articles</td>
<td>6436</td>
</tr>
<tr>
<td>Number of projects in the pilot that have not published any articles</td>
<td>0</td>
</tr>
</tbody>
</table>
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
### National Open Access Desks

**Reaching all European Member States**

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

*Excl. Luxembourg, Plus Norway*
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)
Objective 1: Support Infrastructure for Researchers

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

Open Access e.g. in

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


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Publication & Deposit Workflow

1. Submit manuscript to publisher
2. Final author manuscript
3. Institutional or disciplinary repository available?
   - Yes: Deposit your article in a research repository
   - No: Use the OpenAIRE Orphan repository
4. Reference of the article immediately available on the OpenAIRE/EC sites, fulltext available to all (immediately or after embargo period) in repository
Addendum to Publication Agreement

1. This Addendum modifies and supplements the attached Publication Agreement concerning the following article:

Title: __________________________

Journal: _________________________

Date: ____________________________

2. The parties to the Publication Agreement are:

Corresponding Author: __________________________

Publisher: __________________________

3. The parties agree that whenever there is any conflict between this Addendum and the Publication Agreement, the provisions of this Addendum are paramount and the Publication Agreement shall be construed accordingly.

4. Notwithstanding any term in the Publication Agreement to the contrary, the parties retain the following rights:

- to deposit an electronic copy of the published version (if permitted by the publication agreement) on the final manuscript (after peer review) accepted for publication, in an institutional or subject-based repository at the moment of publication;

- to provide free-of-charge access to the electronic copy to anyone through that repository:

- immediately if the scientific publication is published "open access", i.e. if an electronic version is also available free of charge via the publisher, or

- within 6 (6) months of publication.

5. For research purposes, the author requests that the publisher sign a copy of this Addendum and return it to the author. However, if the publisher publishes the article in the journal or in any other form without signing a copy of this Addendum, such publication manifests the publisher's agreement to the terms of this Addendum.

<table>
<thead>
<tr>
<th>AUTHOR</th>
<th>PUBLISHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name and signature of corresponding author)</td>
<td>(Name and signature of publisher)</td>
</tr>
</tbody>
</table>

Endnotes:

1. Data 1 specifies for publication resulting from projects in the thematic area "Climate", "Change", "Environment (including Climate Change)" and "Information & Communication Technologies". Challenge 3 and the thematic area "Sustainable development" and the thematic area "Science in Europe". The number of months selected shall be identical to the number of the first month in the relevant 7th Framework Programme Grant Agreement (or Initial Grant Decision).
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)
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 2011
Institutional Repositories across EU member states

OpenAIRE Information Space

- Belgium (BE)
- Denmark (DK)
- Estonia (EE)
- Finland (FI)
- France (FR)
- Germany (DE)
- Hungary (HU)
- Iceland (IS)
- Ireland (IE)
- Italy (IT)
- Luxembourg (LU)
- Malta (MT)
- Netherlands (NL)
- Norway (NO)
- Poland (PL)
- Portugal (PT)
- Romania (RO)
- Slovenia (SI)
- Spain (ES)
- Sweden (SE)
- Switzerland (CH)

OpenAIRE - Berlin 8, Beijing, Oct 2010
A place for “homeless” researchers in Europe

Provided by CERN

- powered by Invenio technology
Towards the OpenAIRE Public Release

- Production system v2.0, to be released on December 2, 2010, at the OpenAIRE Launch Event in Gent, BE, with the attendance of European Commission Vice-President Dr. Neelie Kroes, Digital Agenda

- Researchers will then be able to
  - register as a user at the OpenAIRE portal
  - deposit publications in the OpenAIRE Orphan Repository (CERN)
  - inform OpenAIRE about FP7 funded publications deposited in other repositories
  - search & browse of publications at the OpenAIRE portal

- Institutions will be able
  - to register their repository as OpenAIRE compliant

>> FP7 related publications will be harvested & presented at the OpenAIRE portal
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
OpenAIRE Liaison with other stakeholders

- SPARC Europe
- LIBER
- eIFL
- COAR
- And other organisations, projects
OpenAIRE in the wider international context:

COAR’s Vision: A global knowledge infrastructure, networking open access digital 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 (28 members), born out of the European DRIVER Project (EC, FP7)
- Members & Partners (5 August 2010): 47 member organisations (35 countries); 4 partner organisations
- Chinese “Hub”: National Science Library, Chinese Academy of Sciences
3 Working Groups:

- **WG 1** “Repository Content”, Chair: Kathleen Shearer, CARL, CAN; Co-Chair: Neil Jacobs, JISC, UK
- **WG 2** “Repository Interoperability”, Chair: Syun Tutiya, Chiaba Univ/DRF, JP; Co-Chair: Marnix van Berchum, SURF, NL
- **WG 3** “Repository and Repository Networks Support & Training”, Chair: Iryna Kuchma, eIFL; Co-Chair: Marjan Vernooy, SURF, NL

New members from all countries welcome!
http://coar-repositories.org/
Thank you for your attention! Questions?