



Open Access
Infrastructure
for Research in Europe

OpenAIRE



The OpenAIRE Project

Supporting the Open Access policy of the EC



Open Access in Europe



ERC OA Guidelines

○ *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.

FP7 OA Pilot



- Launched in August 2008, will run until the end of FP7 (2013)
- Seven thematic research areas:
 - Energy
 - Environment (including Climate Change)
 - Health
 - Information and Communication Technologies (Cognitive Systems, Interaction, Robotics)
 - Research Infrastructures (e-infrastructures)
 - Science in society
 - Socio-economic sciences and the humanities
- Special Clause 39 (SC39) 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"



OpenAIRE

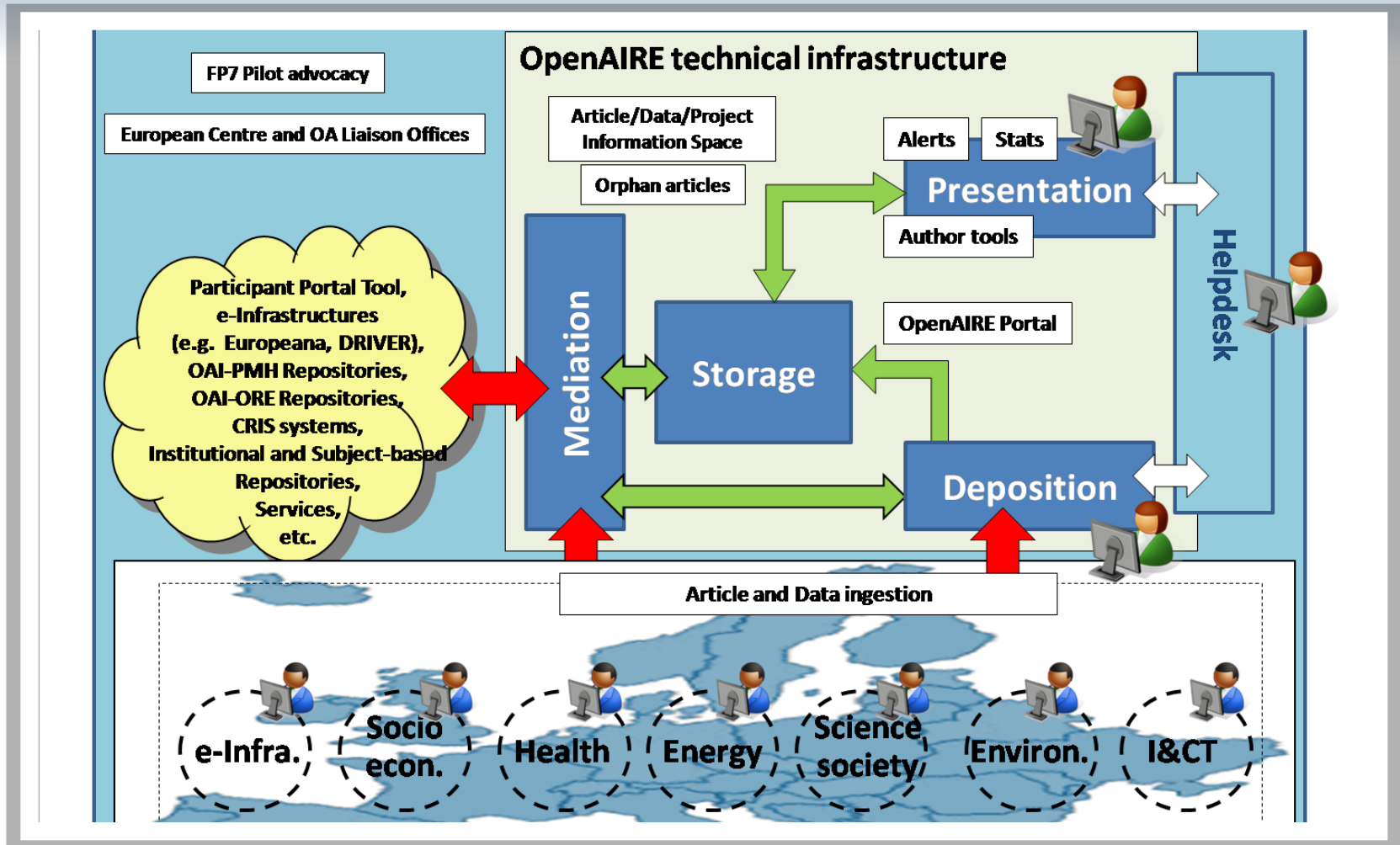


OpenAIRE - Factsheet

- **Open Access Infrastructure for Research in Europe**
- 38 partners covering all European member-states
- *Programme:* FP7 – Research Infrastructures
- *Starting date:* December 1, 2009
- *Duration:* 36 months
- *Budget:* 4.1 Million



OpenAIRE in a Nutshell





OpenAIRE Infrastructure Basics

- Builds on European OA Repository infrastructure (DRIVER, D-NET)
- Researchers deposit *once*
 - Harvest from OpenAIRE compliant repositories
 - OpenAIRE provides “*Orphan*” repository (<http://openaire.cern.ch/>)
- Extend DRIVER guidelines for repository managers
- Access to scientific publications
 - Search, browse
 - Visualization tools
- Provide monitoring tools for
 - Document/depositing statistics
 - Usage statistics from repository infrastructure
- Interoperation with other infrastructures



European Helpdesk

- Promote FP7-pilot and ERC OA guidelines
- National Open Access Desks (27 countries)
- Provide OA “toolkits” for
 - Researchers
 - Institutions
 - Repository managers
- Setup 24/7 portal for deposit, search of OA publications
- Liaise with
 - Other European OA initiatives
 - Publishers
 - CRIS systems



Reaching out to EC Members

Region 1 North (DTU)	Region 2 South (UMINHO)	Region 3 East (eIFL)	Region 4 West (UGENT)	
Denmark (Technical University of Denmark)	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 (CASPAR)	Lithuania (Kaunas Technical University)	Latvia (University of Latvia)	France (Couperin)
Norway (University of Tromsøe)	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 (FECYT)			Netherlands (Utrecht University)
				UK (SHERPA)



The OpenAIRE Guidelines



OpenAIRE Guidelines (i)

Researchers
within FP7 OA
Pilot or ERC
Guidelines
can deposit

OpenAIRE
will harvest /
offer services

Repository is
compliant

OpenAIRE
Guidelines



OpenAIRE Guidelines (ii)

Relation to DRIVER Guidelines

- The OpenAIRE guidelines are supplementary and built on top of the DRIVER Guidelines.
- All aspects of the DRIVER Guidelines are valid, with 4 exceptions:
 - Textual resources
 - Use of dc:relation and dc:rights
 - Author names
 - Use of MPEG-21 DIDL
- DRIVER compliancy recommended, not mandatory



OpenAIRE Guidelines (iii)

OpenAIRE Set

○ Content definitions:

- The content must be EC funded content
- The content must be peer reviewed

○ Set naming

	setName	setSpec
The OpenAIRE set	EC_fundedresources set	ec_fundedresources



OpenAIRE Guidelines (iv)

Use of oai_dc

- projectID
- accessRights
- embargoEndDate



OpenAIRE Guidelines (v)

projectID

Element name	projectID
DCMI definition	dc:relation
Usage	Mandatory
Usage instruction	<p>A vocabulary of projects will be exposed by OpenAIRE through OAI-MPH, and available for all repository managers.</p> <p>The projectID equals the Grant Agreement number, and is defined by the namespace <code>info:eu-repo/grantAgreement/EC/FP7</code></p>



OpenAIRE Guidelines (vi)

accessRights

Element name	accessRights
DCMI definition	dc:rights
Usage	Mandatory
Usage instruction	values are: info:eu-repo/semantics/closedAccess info:eu-repo/semantics/embargoedAccess info:eu-repo/semantics/restrictedAccess info:eu-repo/semantics/openAccess



OpenAIRE Guidelines (vii)

embargoEndDate

Element name	embargoEndDate
DCMI definition	dc:date
Usage	Recommended
Usage instruction	Recommended when accessRights = info:eu-repo/semantics/embargoedAccess The date type is controlled by the name space info:eu-repo/date/embargoEnd/



OpenAIRE Guidelines (viii)

Implementing the Guidelines:

- OpenAIRE - list with all SC39 projects
- Dspace add on available
- Make use of support by OpenAIRE

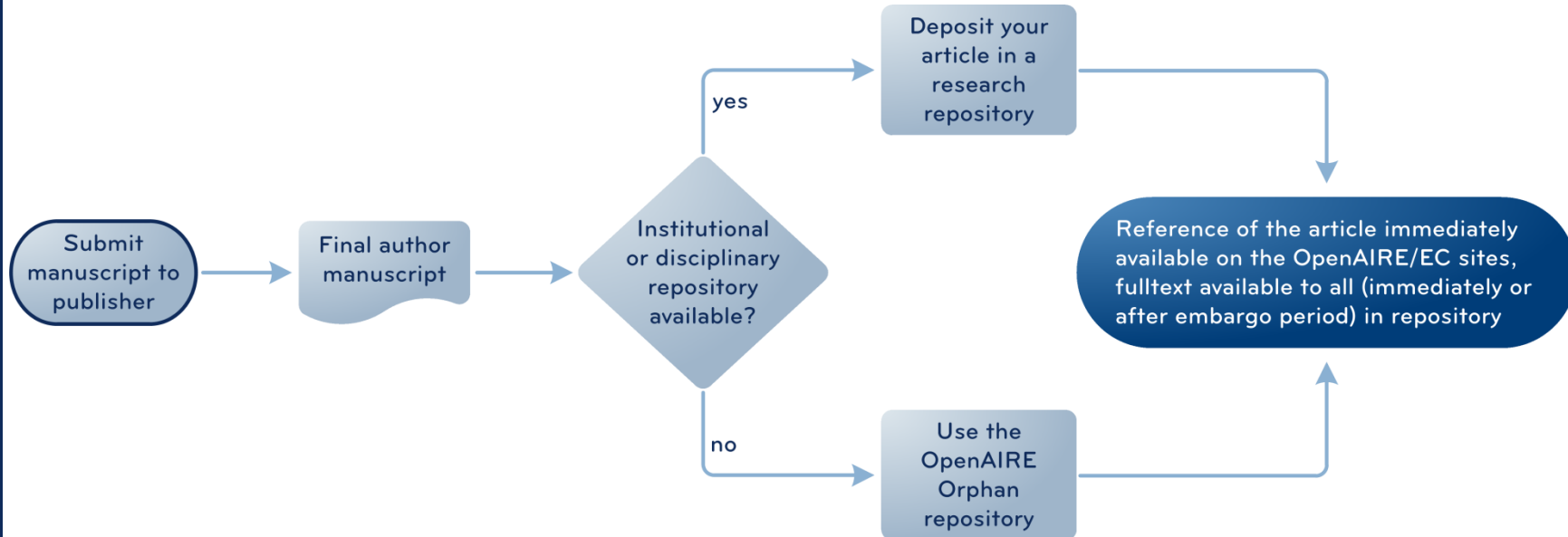


The Next Steps



What Researchers should do

How to comply?





What you can do

How to make life easier for researchers to comply?

- Make repository easy to find and use
- Make repository compliant & register with OpenAIRE
- Find and approach researchers & projects
 - Information on projects and toolkits provided by OpenAIRE



The Future



OpenAIREplus?

- Build a **2nd-Generation Open Access Infrastructure**
 - develop an open access, participatory infrastructure for scientific information
 - Deposited articles and data will be openly accessible through an enhanced version of the OpenAIRE portal
- Include **all OA publications** indexed by the DRIVER infrastructure and any other repository containing “peer-reviewed literature” that complies with certain standards.
- It will generically harvest and index the metadata of **scientific datasets** in selected diverse OA thematic data repositories.
- It will support the concept of **linked publications** by deploying novel services for “linking peer-reviewed literature and associated data sets and collections
- It will offer both **user-level services** to experts and “non-scientists” alike as well as programming interfaces for “providers of value-added services” to build applications on its content.



Questions?