

OpenAIRE2020 Overview

Jan 2015 – June 2018



History

- ERC: Guidelines for Open Access (2007)
- DRIVER
- Open Access Pilot 2008-2013

Special clause 39 : “In addition to Article II.30.4, beneficiaries shall deposit an electronic copy of the published version or the final manuscript accepted for publication of a scientific publication relating to foreground published before or after the final report in an institutional or subject - based repository at the moment of publication.”

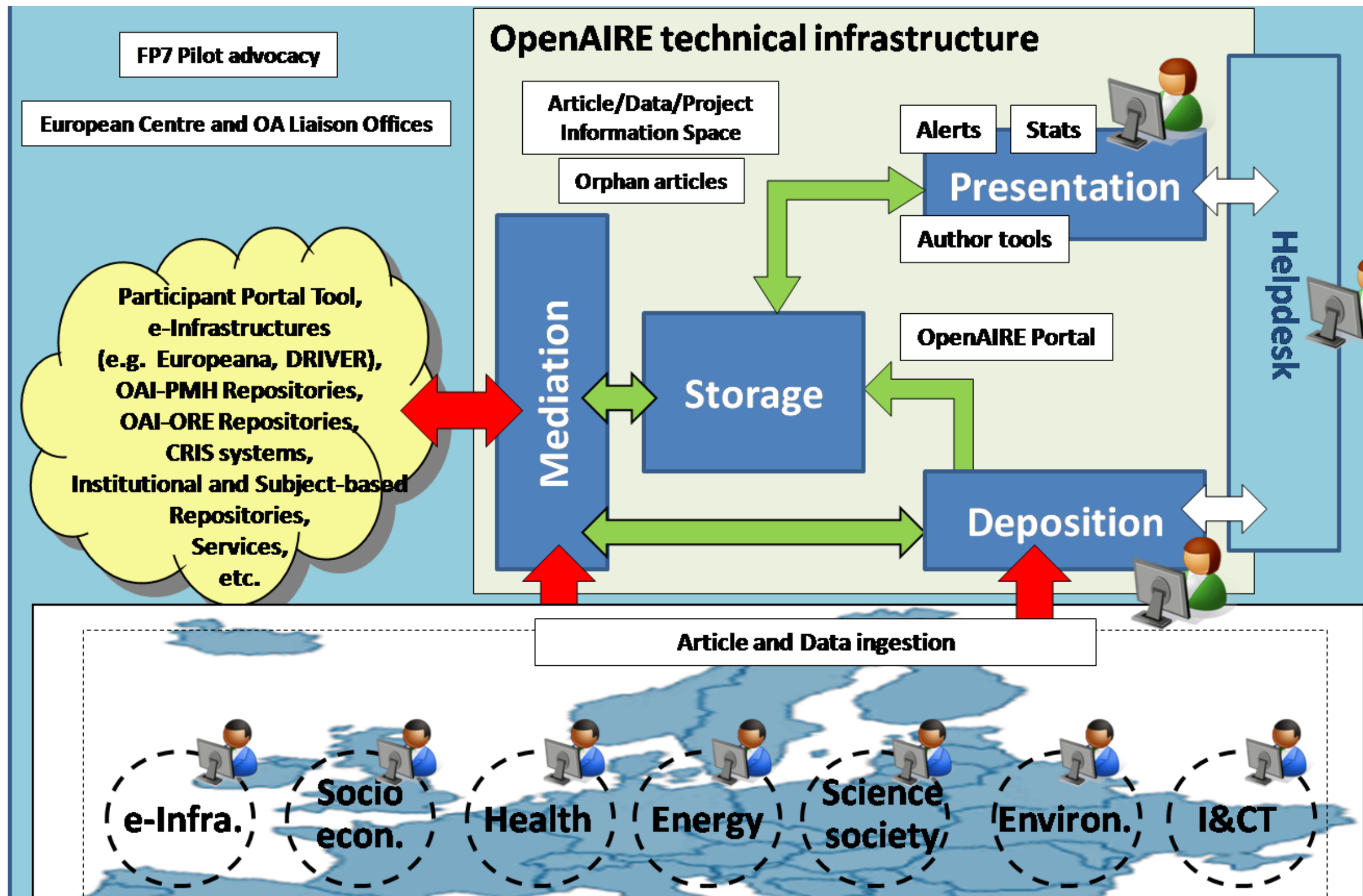
- OA mandates, EU guidelines (ROARMAP)



OpenAIRE

- FP7 – Research infrastructure
- 4,1 million EUR
- Dec.1., 2009.
- 36 months
- 27 countries, 38 partners
- Objectives:
 1. Setting up an infrastructure to manage FP7 research publications
 2. Electronic infrastructure
 3. Developing and managing other research information (adatmodels, work processes, technology issues)





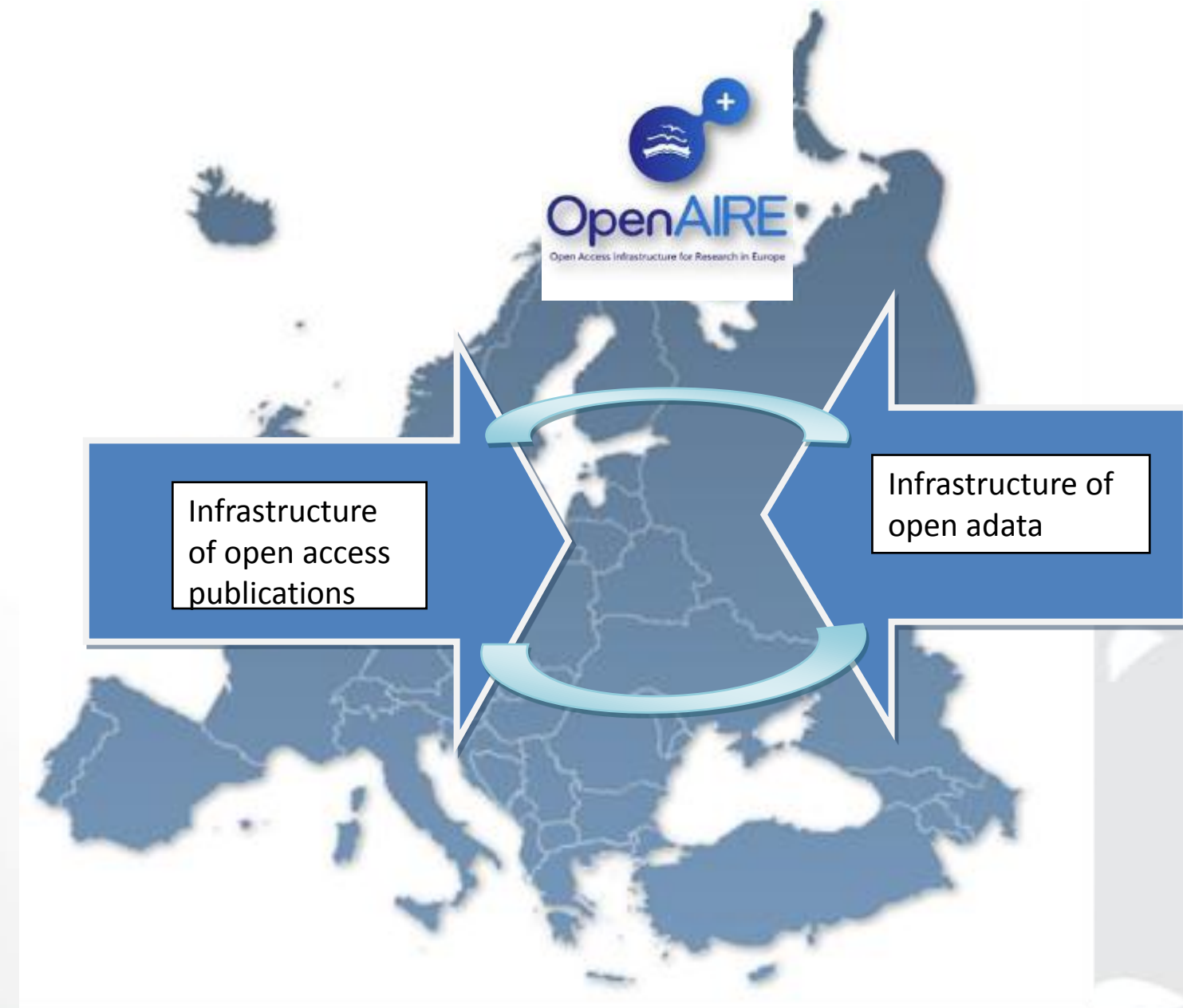


OpenAIREplus

- 2011 December
- 36 months
- 33 countries

Objectives:

1. Infrastructure to link publications with research data
2. Organizing trainings/advocacy
3. Helpdesk services



OpenAIRE2020

3-5 projects in one...

- Duration 42 months
- 50 partners
 - 33 National Open Access Desks – some changes from the past
 - 7 technical partners CNR, ARC, UNIBI, ICM, UBONN, CERN, UoA
 - 12 scholarly communication organizations UGOE, UMINHO, UGENT, CRISTin, eIFL, LIBER, Jisc, COUPERIN, SURF, UCL, COAR, CLARA
 - 3 data communities EBI, Pangea, DANS
 - 3 legal experts UvA, UGOE, ICM
- Large project for a large vision!

An infrastructure for Open Scholarship

Starting from the basics



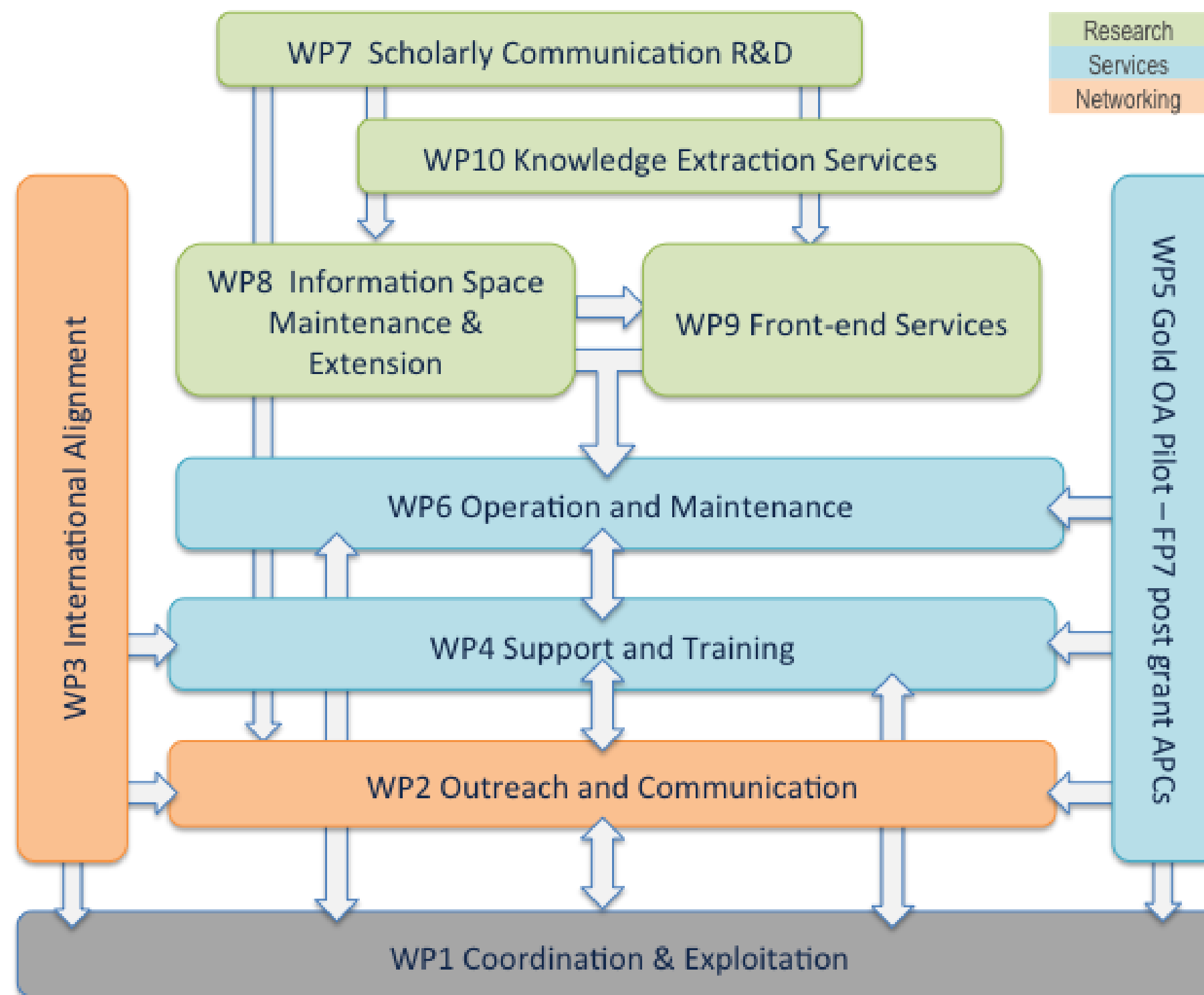
OA awareness
and policies for
all research
results
Support & training

Interoperability
and
Services



Related to

- H2020
- National funders
- ...



OpenAIRE2020 highlights

- Enhance **interoperability** of all research-cycle related resources
- Support H2020 **OA mandates**
 - 100% OA on scientific publications
 - Research Data Pilot
- Implement **Gold OA pilot** FP7 post grant
- Test out **new forms** of scholarly communication
- Solidify **international** collaborations
- Establish OpenAIRE **legal entity**

From a Repository Network to a European wide Research Information System

Deposit Publications
& data

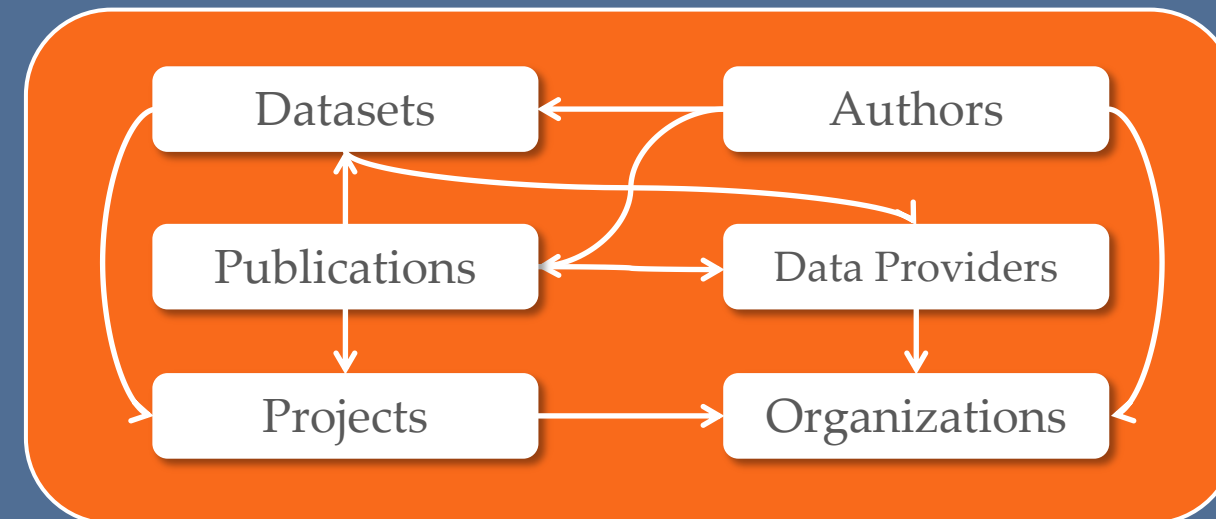
Visualize – Manage
Enhanced Publications

Curate & collaborate

Research impact

Services for Researchers, Project Coordinators, Research Administrators, Funders

Guidelin
Infrastructure
coordination
Guidelin

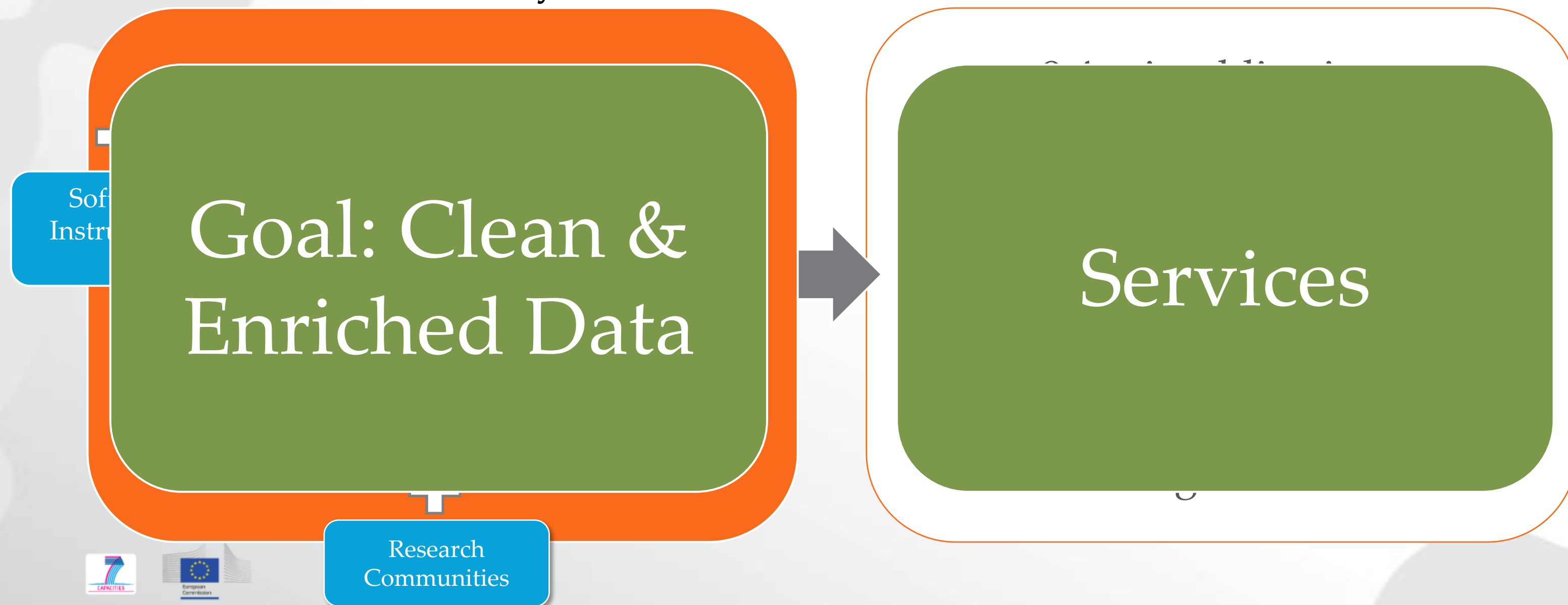


Infrastructure: data sources

Open Access journals

Added Value: Integrated Scientific Information System

A mini EU-CRIS system



NETWORK

NOADs activities

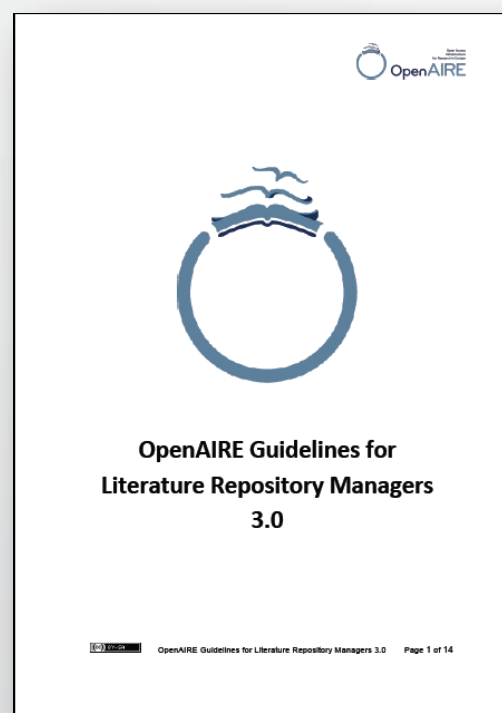
WP2 and WP4

- **Contact, outreach & disseminate**
 - Ministries, funders, institutions, researchers
- **Align with national policies and infrastructures**
- **Contribute in the Helpdesk support**
 - Guides, translations, tickets, faqs, national pages, ...
- **Support research data management**
 - Long tail of science
- **Integrate national funding streams**
- **Promote the Gold OA pilot at national level**

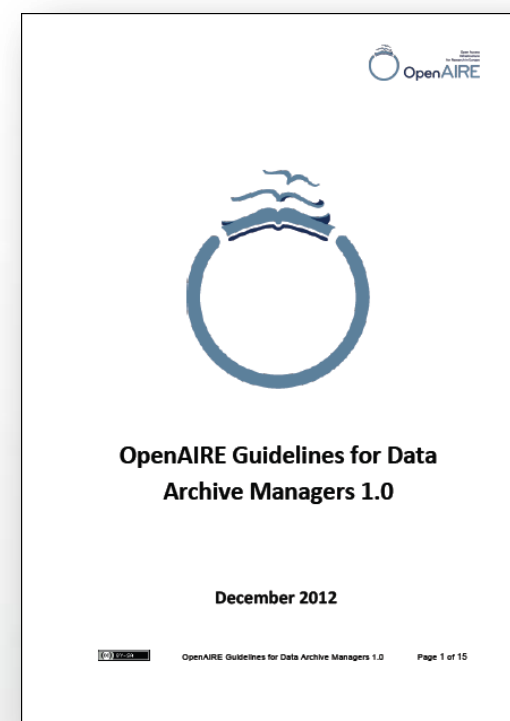
INTEROPERABILITY

Guidelines

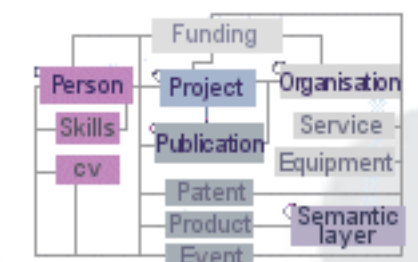
1 Guidelines for Literature Repository managers version 3.0



2 Guidelines for Data Archive Managers



3 Guidelines for CRIS - CERIF-XML





Guidelines goals

- Dissemination
- OpenAIRE validator
 - As a service
 - A stand alone installation



OA monitoring & reporting

H2020

Research Analytics

Simple monitoring services

OA evaluation, research output identification and aggregation

- Monitor OA in H2020
 - Publications, data, ...
- Work with other funders via NOAD outreach
 - FCT, NWO, DFG, Swedish funders, GSRT, Ireland, FECYT, ...
 - Science Europe
- **Engage** with research communities
 - Customized requirements for identifying research outputs

Reporting services

Tasks 6.7 and 9.2 – ARC, CNR

- Loosely coupled integration with EC's participant portal
 - **OpenAIRE will be the service for reporting H2020 publications**
 - Used by project coordinators and project officers
- Customized reporting (dashboard) for research communities
 - FET, ERC, EGI, national regions,
- New APIs, graphical and reporting views on the portal
 - Wide range of exporting formats
 - Based on SLAs

Advanced monitoring

Tasks 10.2 and 10.3 – ARC, ICM

- **Classification and clustering**
 - Consolidate and integrate existing services
 - Cross-language techniques
- **Entity resolution and linking**
 - Extract information from individual publications
 - Author-organization affiliation parsing

Research Analytics

Task 10.4 – ARC, ICM

- **Create a map of relations in academia**
 - people (e.g., open citation index, co-authorship network), institutions, publications, funding sources, topics, data sets, software, etc.
- **Create knowledge networks based over discipline, time, location**
 - Structuring effects on specific research areas
 - Lasting effects of networks
 - Scientific societies or structures
- **Map organization involvement and interconnection for ERA wide research analytics**

H2020 DATA PILOT

Research Data Management

Long tail of science

- **Support institutions, PO's, PC's**
 - Educate NOADs on the need for RDM planning and policies
 - Bring out the role of the library
- **Data Management Plan (DMP)**
 - Description, storage, access, validation, versioning, ...
 - Promote good practices through DMP tools (Jisc/DCC, DANS)
- **Promote data repository validation mechanisms (DANS)**

Zenodo

Task 9.3 - CERN

- Allow for deposition, identification, access of DMPs
 - Establish versioning mechanisms
 - Enhance to software depositions and links
 - Links with publishers
-
- ... More functionalities as landscape shapes up


FP7 GOLD OA PILOT

What is this FP7 Post-Grant Pilot?

- The EC FP7 Post–Grant Open Access Pilot will provide funding to *cover the OA publishing fees for publications arising from completed FP7 projects*
- 4 million euros are made available by the EC to fund the OA (“post–grant”) publications of *around 6,000 completed FP7 projects*
- The Pilot will last for a *maximum of two years* (i.e. until Apr 30th, 2017) or until its budget is exhausted



Requirements for Eligibility

- The FP7 project *should have finished* by the time the funding is requested, but *no longer than two years ago*;
- A *maximum of three publications* will be funded per eligible FP7 project as a means to ensure a fair distribution of the funding across projects;
- Publications eligible for funding *must be peer-reviewed*;
- Funding requests must be submitted *once the publication has been accepted*;
- Publications submitted to *hybrid journals will not be funded*, but only those accepted at fully Open Access journals;
- *Funding caps* of €2,000 for research articles and €6,000 for monographs apply for this Pilot;
-  The final version of the funded output *must be deposited* in an OpenAIRE-compliant Open Access repository.

Applying for Funding: the System

A central system for collecting and processing funding requests has been made available at the OpenAIRE Portal,
<https://postgrantoapilot.openaire.eu/>



The screenshot shows the OpenAIRE FP7 post-grant Open Access Pilot portal. The header includes the OpenAIRE logo and a navigation menu with links: HOME, MANAGE REQUESTS, MONITOR, SUPPORT, and CONTACT US. The main content area is divided into two columns. The left column is titled 'Requesting funds for post-grant FP7 publications?' and contains a description of the service and a list of user roles: Researchers, Project Coordinators, Institutions, and Publishers. The right column is titled 'Is your project eligible?' and contains a search bar and a note about contacting support if the project is not found in the database.

Requesting funds for post-grant FP7 publications?

Use this service to request and monitor funding for Open Access publishing fees as described in the [EC FP7 post-grant Open Access Pilot](#).

- **Researchers:** request funding through a guided process
- **Project Coordinators:** see funding opportunities and monitor project results
- **Institutions:** claim funding on behalf of your researchers, monitor your institution's FP7 post-grant traffic
- **Publishers:** deliver information on APCs, manage invoices, monitor journal FP7 post-grant traffic

Is your project eligible?

Type your FP7 acronym/granted or project name to see if you can request funding for your publication

If you cannot find your project in our database, do not hesitate to [contact us](#)

How to Apply for Funding

1. Funding requests may be directly submitted by researchers or delivered by Libraries and/or Research Offices on their behalf
2. Users *need to register with the Central System* in order to submit a funding request
3. *Data about the project and the accepted publication* will be requested in order to check their eligibility. Once this is checked, the funding request will be approved and left pending until an invoice is available
4. Invoice for the OA publishing fee needs to be uploaded into the Central System when made available by the publisher. The invoice *must be issued to Athena Research Centre (ARC)*.

Invoice

Invoice #:	2015-0037119-5
Date Issued:	22 Jun 2015
Date Due:	22 Jul 2015
Our Reference:	10.3389/fmicb.2015.00689_Sevenich

Bill to:

Athena Research Center
Artemidos 6 & Epidavrou
GR-151 25 Athens
VAT Number EL999723442
Greece

SCHOLARLY COMM

Measuring scientific impact

Task 7.2 – CWTS, UoA

- Goal: move away from Journal Impact Factor
- Analysis of multidimensional indicators of scholarly performance based on OpenAIRE data
- Investigate indicators for second level impact that link OA to possible social, cultural and economic impact
 - Patents, EU stats, social media, web impact, etc.

Open review to literature

Task 7.4 – UGOE, COUPERIN, CNR

- **What's out there? Systematic analysis of open review systems**
 - Workflows, quality assurance, community involvement, benefits for authors and reviewers, integration with OA e-Infrastructures, ...
- **Prototype for SSH based on hypotheses.org platform**
 - Model the workflow from academic blogs (original articles, reviews about publications, case studies, etc.) for the selection, review and revision of these articles towards peer reviewed publications.
- **Commission two prototypes via open tender calls**

COLLABORATIONS

International collaboration

WP3 - via COAR – Coalition of Open Access Repositories

- Support the global alignment of repository networks
 - OpenAIRE, SHARE, LaRerencia, CAS, Australia, Canada, Jisc, ...
- Transfer OpenAIRE technology to Latin America via targeted pilots
 - Guidelines for repositories, validator
 - Assess feasibility of OpenAIRE platform to be rolled out in LA
 - Latin America “view” within OpenAIRE services

Collaborations cntd.





- EUDAT - B2Share and Zenodo, data catalogues, trusted repositories, RDMs
- EGI - Data catalogues, trusted repositories, RDMs
- Science Europe - policies
- CASRAI, Jisc, SHARE, EuroCRIS – metadata & protocol guidelines
- Re3data.org
- RDA groups (data publishing, long tail of science, metadata formats)
- DataCite, ORCID, ODIN - identifiers
- GEANT/AAI – **EduGain**
- Emerging Text and Data Mining initiatives for legal and technical (OpenMinTeD)
- ...

LEGAL ENTITY

OpenAIRE to become a legal entity

- Early 2016
- Completed
 - Stakeholder analysis
 - Cost benefit analysis
- To be defined
 - Exact mission and objectives
 - Governance model
 - Various (many) logistics

Thank you!

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 facebook.com/groups/openaire
 linkedin.com/groups/OpenAIRE-3893548

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