



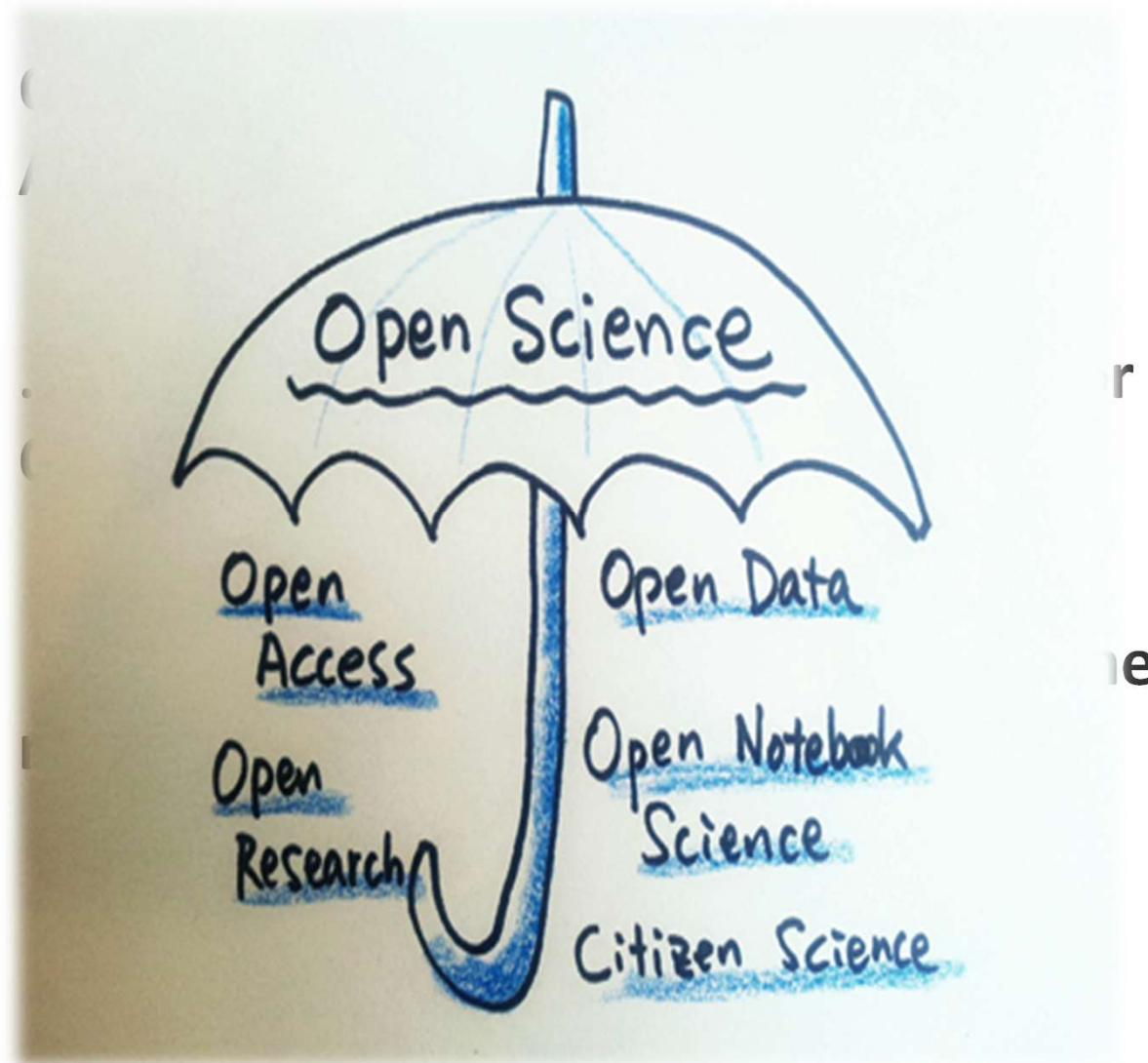
Open in action: ostacoli e successi dell'accesso aperto alla letteratura scientifica
Università degli studi del Piemonte Orientale- Sistema bibliotecario di ateneo
25 Ottobre 2016

Scienza aperta: il contributo dell'infrastruttura OpenAIRE e il supporto del Cineca

Paola Gargiulo (OpenAIRE NOAD/CINECA)



Quando parliamo di Open Science



Commissione Europea e Open Science

Ottimizzare l'impatto della ricerca scientifica finanziata con fondi pubblici

- a livello europeo (programmi di finanziamento della ricerca)
- a livello degli Stati Membri (vedi Raccomandazioni del 2012)

Come?


tramite l'accesso aperto perché aiuta a:

- accelerare l'innovazione
- evitare la duplicazione degli sforzi
- migliorare la qualità della scienza (costruendo efficientemente sui risultati precedenti e sulla trasparenza)
- favorire la collaborazione inter-istituzionale, tra settori scientifici, incrementando la multidisciplinarietà
- coinvolgere i cittadini e la società attraverso una maggiore trasparenza nel processo scientifico

Homepage | Open Scienc... X +

ec.europa.eu/research/openscience/index.cfm?pg=openaccess

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RESEARCH & INNOVATION

Open Science

European Commission > Research & Innovation > Open Science > Home

Home **Open Access** European Open Science Cloud Open Science Policy Platform Expert Group on Altmetrics

Open Access

An important aspect of Open Science is a move towards open access to research results funded with public money. Facilitating access to those results encourages the re-use of research output. Science and research have always been open, but some of the processes for producing research and disseminating its results are not.

It is now widely recognised that making research results more accessible to all societal actors contributes to better and more efficient science, and to innovation in the public and private sectors. In 2012, the European Commission published a **Recommendation on access to and preservation of scientific information** encouraging all EU Member States to put publicly-funded research results in the public domain in order to strengthen science and the knowledge-based economy.

This global shift towards giving free, online access (open access) to the results of publicly-funded research has been a core strategy of the European Commission to

Events

- 26-27 September 2016, Seville, Spain** - Applied RDI – making innovation happen!
- 3-6 November 2016, Japan** - Science Agora 2016
- 22 November 2016, Central London, United Kingdom** - Next steps for Open Access and Open Data research policy
- 8-10 February 2017, Vienna, Austria** - 1st HBP Student Conference

YOUR FEEDBACK

» Special feature: Open Access in Horizon 2020

The European Commission has taken a big step towards open science in Europe. All projects receiving Horizon 2020 funding are required to make sure that any peer-reviewed journal article they publish is openly accessible, free of charge. The open access policy is summarized in a brief [factsheet](#).

For the details of how open access applies to beneficiaries in projects funded under Horizon 2020, please see the [Guidelines on Open Access to Scientific Publications and Research Data](#) or the [Participant Portal H2020 online manual on open access and data management](#)

The Commission has been running a **pilot on open access** to research data in Horizon 2020: the Open Research Data (ORD) pilot. This pilot takes into account the need to balance openness with the protection of scientific information, commercialisation and Intellectual Property Rights (IPR), privacy concerns, and security, as well as questions of data management and preservation. Participating projects are required to develop a Data Management Plan (see the [Guidelines on Data Management](#)), in which they will specify what data will be open.

In previous work programmes, the ORD Pilot was limited to some specific areas of Horizon 2020. Starting with the 2017 work programme, however, the ORD pilot is being extended to cover **all thematic areas** of Horizon 2020.

For more information see the [FAQs](#) (187 KB).

21 February 2016, Home - European Open Science Cloud for Research (EOSC) Workshop

20 January 2016, Heidelberg - Helix Nebula Open Day Event: Towards the European Open Science Cloud

Workshops

- Governance and funding of the EOSC, 29 June 2016
- Stakeholder workshop, 30 November 2015

Publications

- Communication: European Cloud Initiative - Building a competitive data and knowledge economy in Europe (19 April 2016)
- Open Research Data: Uptake of the pilot in the first calls of Horizon 2020
- NPR Report (1.1 MB)



RESEARCH & INNOVATION

Open Science

European Commission > Research & Innovation > Open Science > Open Science Policy Platform

Home

Open Access

European Open Science Cloud

Open Science Policy Platform

European Open Science Policy Platform

Members of the OSPP

The Members of the Open Science Policy Platform (OSPP) have been nominated.

Commissioner Moedas, during the 27 May Competitiveness Council, will announce the Members of the Platform and he will inform the Member States on the role of the Policy Platform in further developing a European Open Science Policy Agenda.

 **List of Nominated Members of the Open Science Policy Platform**  210 KB

A Vision for Europe

- Open Innovation
- Open Science
- Open to the World

Open Science Platform

The mandate of the Open Science Policy Platform is to:

advise the Commission on how to further develop and practically implement open science policy, in line with the priority of Commissioner Moedas to radically improve the quality and impact of European science

function as a dynamic, stakeholder-driven mechanism for bringing up and addressing issues of concern for the European science and research community and its representative organisations, following five broad lines for actions which are presented in the [draft European Open Science Agenda](#)

support policy formulation by helping to identify the issues to be addressed and providing recommendations on the policy actions required

support policy implementation, contributing to reviewing best practices, drawing policy guidelines and encouraging their active uptake by stakeholders

provide advice and recommendations on any cross-cutting issue affecting Open Science



RESEARCH & INNOVATION

Open Science

European Commission > Research & Innovation > Open Science

Home

Open Access

European Open Science Cloud

Open Science Policy Platform

Expert Group on Altmetrics

Open Science

First report from the High Level Expert Group

The Commission High Level Expert Group on the European Open Science Cloud (HLEG EOSC) has drafted their first report, which the Commission will publish shortly after the summer.

Enquiries can be made directly to members of the HLEG EOSC and/or to the Commission at RTD-EOSC@ec.europa.eu.

A Vision for Europe

- Open Innovation
- Open Science
- Open to the World

EU Competitiveness Council, 26-27 May 2016

On Friday 27 May 2016, the EU Council met to discuss the transition of their member states towards an Open Science System. Following a debate on open science, the Council

Events

26-27 September 2016, Seville, Spain - Applied RDI – making innovation happen!

3-6 November 2016, Japan - Science Agora

YOUR FEEDBACK



European Open Science Cloud

11 October 2016 – first report from the High Level Expert Group

The Commission has published today the first report of the Commission High Level Expert Group on the European Open Science Cloud (HLEG EOSC).

The Report recommends to close discussions about the 'perceived need' of a science cloud and to take immediate action on the EOSC in close concert with Member States, building on existing capacity and expertise. They also recommend writing clear Rules of Engagement for access to the EOSC and for the provision of services based on research data (e.g. TDM, data analytics, etc.). But the implications of the report reach further in

<http://ec.europa.eu/research/openscience/index.cfm?pg=open-science-cloud>

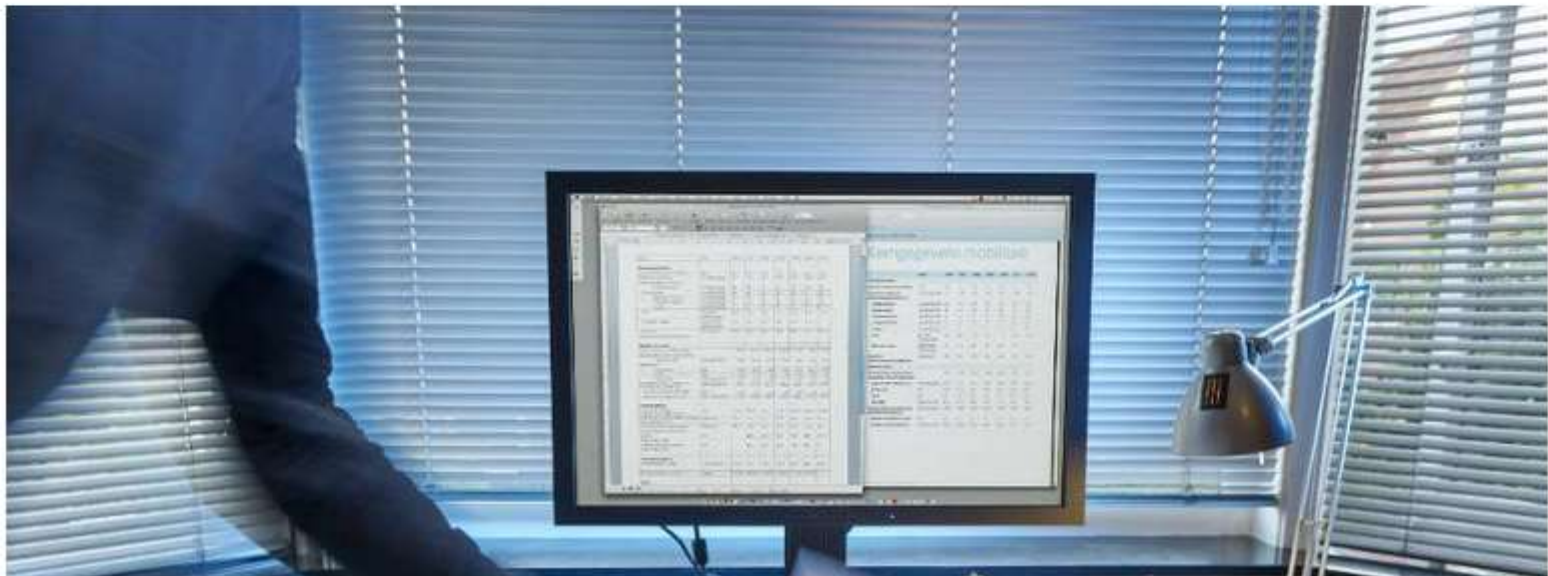


Council of Competitiveness 26-27 maggio 2016

All European scientific articles to be freely accessible by 2020

News item | 27-05-2016 | 13:57

All scientific articles in Europe must be freely accessible as of 2020. EU member states want to achieve optimal reuse of research data. They are also looking into a European visa for foreign start-up founders.



All scientific articles freely accessible in 2020. This is not a law, but it's a political orientation for the 28 governments. The important thing is that there is a consensus." Spokesman of the Council of Competitiveness

Main results, 27 May

Research and Innovation

Following a debate on **open science**, the Council adopted conclusions on the transition towards an open science system.

“ ”

"Open Science is a topic which is very dear to our hearts. During the Netherlands presidency, we have aimed at bringing Europe to the forefront of global change and at leading the transition to a new way of doing research and science based on openness, big data and cloud computing"

Sander Dekker, State Secretary of Education, Culture and Science of the Netherlands

It also adopted conclusions on the lessons learnt from the **7th research framework programme and the future outlook** and on the creation of a friendly regulatory **environment for research and innovation**.

Chairing the Council, **Sander Dekker**, State Secretary of Education, Culture and Science of the Netherlands, made the following statement: "Open Science is a topic which is very dear to our hearts. During the Netherlands presidency, we have aimed at bringing Europe to the forefront of global change and at leading the transition to a new way of doing research and science based on openness, big data and cloud computing. Open Science breaks down the barriers around universities and ensures that society benefits as much as possible from all scientific



Highlights of the Competitiveness Council, taking place on 27 May in Brussels.

Meeting information

- Outcome of the Council meeting 
- List of A items, legislative deliberation, Competitiveness Council, 26-27 May 2016 
- List of A items, non-legislative

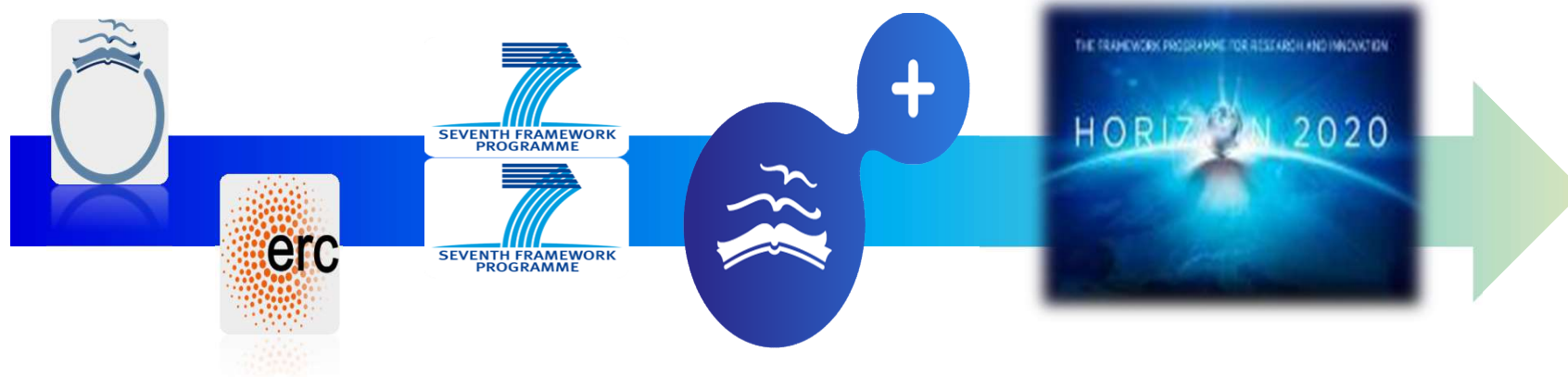
Policy OA della Commissione Europea: evoluzione

FP7 OA Pilot (2008)

- Grant agreement SC39
- 20% programmi
- Deposito nei repository
- APCs costi ammissibili durante i progetti
- ERC OA Guidelines

Horizon 2020 (2014- 2020)

- Tutti i grant agreement
- 100% programmi
- Deposito nei repository
- APCs costi ammissibili durante & dopo il progetto (*vedi Pilot-Postgrant*)
- [Open Data Pilot \(default from 2017\)](#)



OpenAIRE implements
the

OPEN ACCESS

EC requirements

& SUPPORTS THE OPEN DATA PILOT

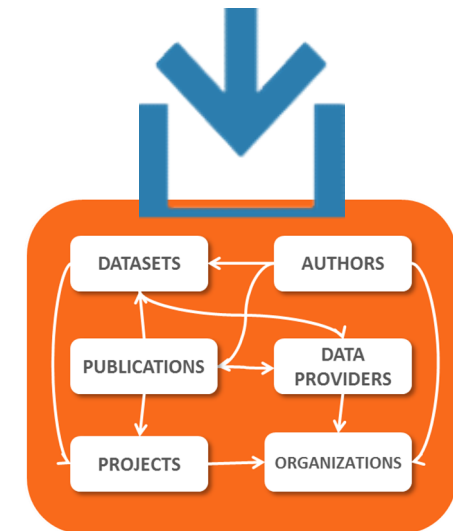


OpenAIRE Infrastructure

Guided by OA funder policies (European Commission)

Participatory approach (human & e-infrastructure)

Integrated Scientific Information System



OpenAire: Open Access infrastructure for Research in Europe



- **Progetto finanziato per la prima volta dall'EU (2009- 2011) (FP7- Infrastructures)**
- **Progetto rifinanziato per la seconda volta dall'EU (2011-2014) con il nome di OpenAirePlus 2° generation Open Access Infrastructure for Research in Europe (FP7- Infrastructures)**
- **Progetto finanziato dall'EU 2015-2018 con il nome di Open 2020 (Horizon 2020)**





Search in 16,923,747 publications 23,830 datasets from 5,569 repositories and OA journals



Search in 16,923,747 publications 23,830 datasets from 5,569 repositories and OA journals

www.openaire.eu

OpenAIRE survey on

All



Search keywords

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[Research Data](#)

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[Data Providers](#)

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[European Commission \(EC\)](#) (190111)
[NSF](#) (118399)
[Fundação para a Ciênc...](#) (23371)
[Wellcome Trust \(WT\)](#) (15544)
[Australian Research C...](#) (7826)
[View more](#) ⇨

ACCESS MODE

[Open Access](#) (16530158)
[Restricted](#) (178675)
[not available](#) (123120)
[Closed Access](#) (86347)
[Embargo](#) (5448)

PUBLICATION YEAR

[2014](#) (1464873)
[2015](#) (1390945)
[2013](#) (1383148)
[2012](#) (1289254)
[2011](#) (1174328)
[View more](#) ⇨

DOCUMENT TYPE

[Article](#) (9848271)
[Unknown](#) (2138094)
[Preprint](#) (1648040)
[Doctoral thesis](#) (869073)
[Conference object](#) (535812)
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DOCUMENT LANGUAGE

[English](#) (8572718)
[Undetermined](#) (1945717)
[Russian](#) (1438764)
[Japanese](#) (1360767)
[Spanish; Castilian](#) (629744)
[View more](#) ⇨

DATA PROVIDER

[Europe PubMed Central](#) (3665973)
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COMMUNITIES

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Open Access infrastructure for research in Europe

Il punto di riferimento per l'OPEN ACCESS in EUROPA

Network di persone



- ✓ NOADS: National Open Access Desks
- ✓ Monitoraggio e promozione della adozione di politiche OA a livello locale
- ✓ Sostegno ai ricercatori nell'implementazione dell' Open Data Pilot
- ✓ FP7 post grant APCs Pilot





















e-infrastructure



















- ✓ e-infrastructure per il monitoraggio dell'impatto degli obblighi e dei progetti di ricerca
- ✓ Linee guida OpenAIRE per lo scambio dei metadati
- ✓ Zenodo il repository per i prodotti della ricerca

50 Partners: EU countries, data centers, universities, libraries, repositories

Open Access representatives and liaisons in all EU member states.

 AUSTRIA GERDA MCNEILL MORE	 BELGIUM INGE VAN NIEUWERBURGH MORE	 BULGARIA PETER STANCHEV MORE	 BULGARIA GEORGI SIMEONOV MORE
 CROATIA JADRANKA STOJANOVSKI MORE	 CYPRUS SYLVIA KOUKOUNIDOU MORE	 CZECH REPUBLIC DANIELA TKACIKOVA MORE	 DENMARK ASGER VAERING LARSEN MORE
 DENMARK ANNE THORST MELBYE MORE	 ESTONIA ANNELI SEPP MORE	 FINLAND PAULI ASSINEN MORE	 FRANCE ANDRE DAZY MORE
 GERMANY ANJA OBERLAENDER MORE	 GREECE MARINA ANGELAKI MORE	 HUNGARY CYNGYI KARACSONY MORE	 ICELAND SOLVEIG THORSTEINSDOTTIR MORE
 IRELAND NIAMH BRENNAN MORE	 ITALY PAOLA CARGIULO MORE	 LATVIA GITA ROZENBERGA MORE	 LITHUANIA GINTARE TAUTKEVICIENE MORE



 LUXEMBURG BETH PARK MORE	 MALTA KEVIN ELLUL MORE	 NORWAY JENS AASHEIM MORE	 POLAND MARTA HOFFMANN-SOMMER MORE
 PORTUGAL PEDRO PRINCIPE MORE	 ROMANIA NICOLAJE CONSTANTINESCU MORE	 SERBIA BILJANA KOSANOVIC MORE	 SLOVAKIA LUBOMIR BILSKY MORE
 MOZCA KOTAR MORE	 PILAR RICO CASTRO MORE	 BEATE EELLEND MORE	 ANDRE HOFFMANN MORE
 THE NETHERLANDS JUST DE LEEUWE MORE	 THE NETHERLANDS ELLY DIX MORE	 TURKEY GULTEKIN GURDAL MORE	 UNITED KINGDOM FRANK MANISTA MORE

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DATA PROVIDERS

Guidelines, validation, registration



OPEN ACCESS

Questions about Open Access initiatives and specifics.



RESEARCHERS

All you need to know about depositing Open Access and complying with policies.



POLICY MAKERS

Funders, policies, mandates, ...



RESEARCH MANAGERS

How can OpenAIRE help you out.



PORTAL SERVICES

Help on how to use the portal services.



FP7 POST-GRANT OA PUBLISHING FUNDS

European Commission's post-grant Open Access Pilot and how to access funding for OA publication.



www.openaire.eu/support/helpdesk



Infrastructure for Open Knowledge

- **Foster** and **facilitate** the shift of scholarly communication towards making science **Open and Reproducible**
- **Collaborative** and **participatory** approach at European and Global level



OpenAIRE's e-infrastructure Commons

End-User Services

Funders, research admins, research communities

- Research impact
- Research trends
- Open Access trends

Content providers

- Repository validation
- Repository notification broker
- Repository analytics and usage stats

Researchers

- Claim publications, datasets, software
- Deposit publications, datasets, software
- Search & browse: interlinked publications, datasets, projects
- Open Access & DMP Helpdesk
- End-User feedback

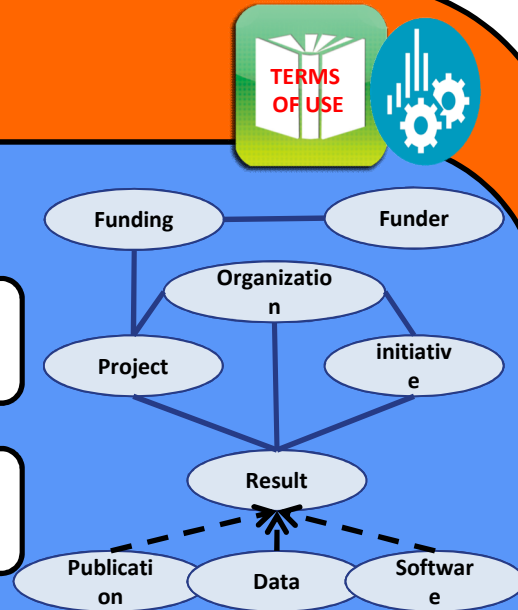
Info Space Services

Cleaning

De-duplication

Validation

Enrichment By inference



Content Providers

Publications repositories

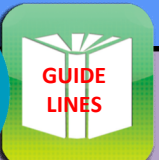
Research Data repositories

CRIS systems

Registries (e.g. projects)

OA Journals

Software Repositories



The OpenAIRE e-infrastructure in a nutshell

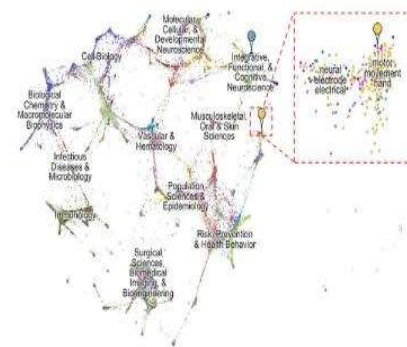
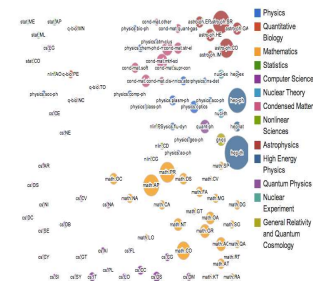
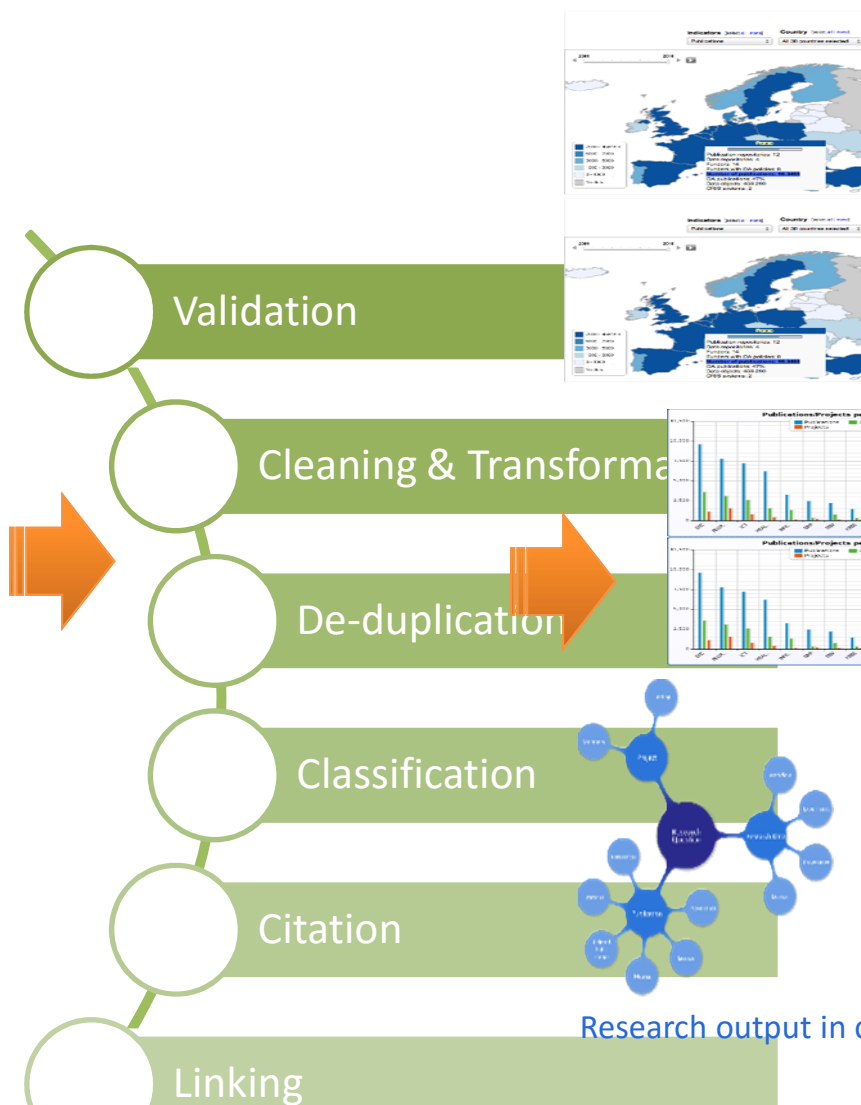
Registries

Funding information

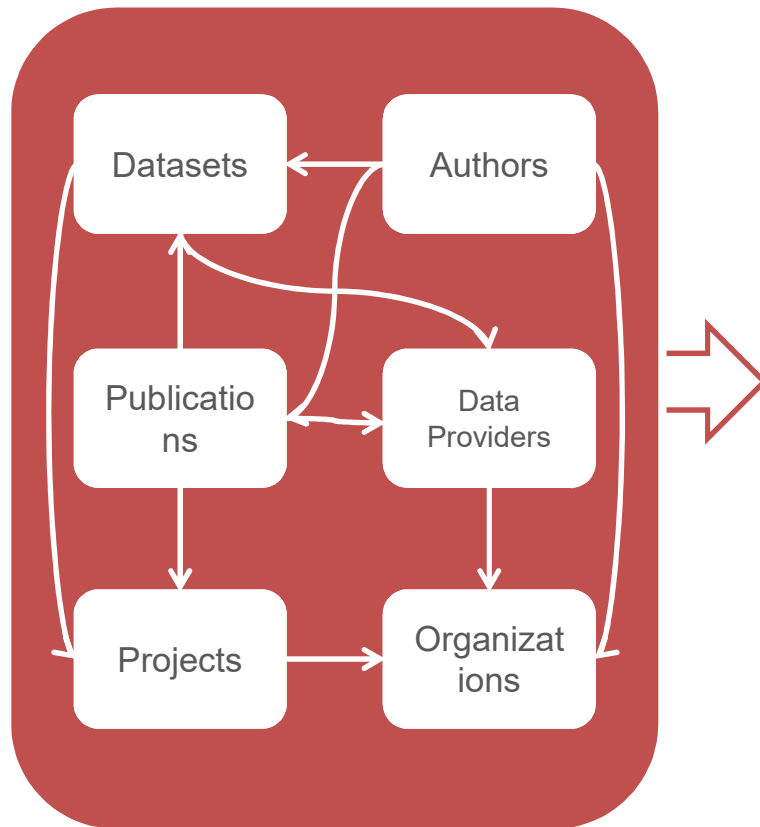
CRIS systems

Data repositories
Data Journals

Publication repositories
Institutional & Thematic
Open Access Journals



Integrated Scientific Information System



Access to

- 17 mi unique publications
- 25 K datasets linked to publications
- 750 validated data providers
- 370K publications linked to projects from 7 funders
- 3.5K links to software repositories

RESEARCH ADMINS

How to monitor research results. What services to use for your needs.

RESEARCHERS

Why Open Access. How to comply. What services to use.

FUNDERS

Why align policies and practices. How to monitor and analyze results.

DATA PROVIDERS

How to make your content more visible. What to do to increase quality. How to join.



RESEARCHERS

Why Open Access. How to comply. What services to use.

SHARE, DEPOSIT AND PUBLISH IN OA





DEPOSITA IL POST PRINT O LA VERSIONE EDITORIALE (PDF) IN UN REPOSITORY, ISTITUZIONALE O DISCIPLINARE

NB: It is not enough to list publications via a project website. They will go unnoticed!



Depositare

Individua il repository

- **Deposita il contributo e/o i dati della ricerca**
 - Trova dove depositare pubblicazioni e dati
 - Repository locale o tematico ?



Deposit Publications

Are you a grant recipient from ERC or from FP7? You are required to deposit your publications into an open access repository. Click [here](#) to read more...

Locate repository via your institution

Or locate repository in map

Archivio Istituzionale della Ricerca dell'Università degli Studi di Milano - AIR

(144192 items - 18/08/2014, as reported from openDOAR)

Organizations: [Università degli Studi di Milano](#)

Type: Publication Repository

Languages: Italian, English

Contents: Journal articles, Bibliographic references, Conference and workshop papers, Theses and dissertations, Unpublished reports and working papers, Books, chapters and sections

Website URL: <http://air.unimi.it/>

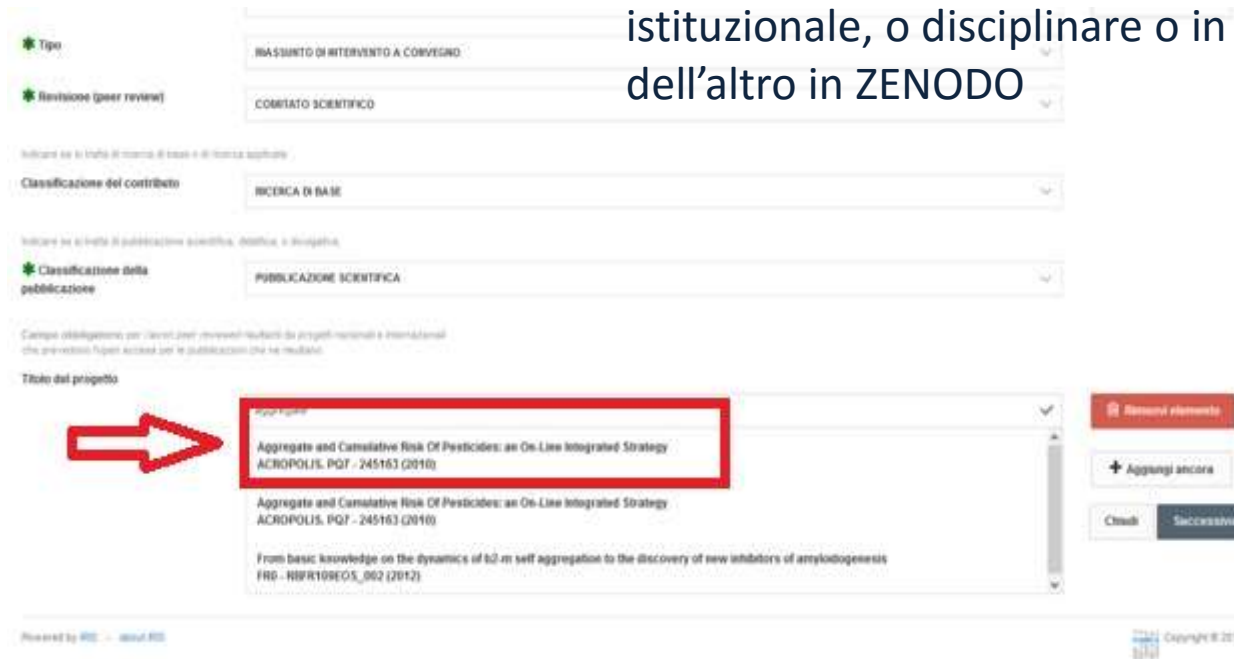
OAI-PMH URL: <http://air.unimi.it/dspace-oai/openaire>, <http://air.unimi.it/dspace-oai/request>

IRIS è il sistema di gestione integrata dei dati della ricerca (persone, progetti, pubblicazioni, attività) adottato dall'Università degli Studi di Milano.

AIR nasce in UNIMI nel 2006 con lo scopo di raccogliere, documentare e conservare le informazioni sulla produzione scientifica dell'Università degli Studi di Milano e costituisce di fatto l'Anagrafe della ricerca dell'Ateneo.



Il deposito viene effettuato nell'archivio istituzionale, o disciplinare o in assenza dell'uno e dell'altro in ZENODO



The screenshot shows a web form for submitting research data. The form includes several dropdown menus for classification:

- Tipo:** BASSIRTO DI INTERVENTO A CORVIGNO
- Revisione (peer review):** COMITATO SCIENTIFICO
- Classificazione del contributo:** RICERCA DI BASE
- Classificazione della pubblicazione:** PUBBLICAZIONE SCIENTIFICA

Below these fields, there is a section for "Titolo del progetto" (Project Title). A red arrow points to a dropdown menu where the following text is selected and highlighted with a red box:

Aggregate and Cumulative Risk Of Pesticides: an On-Line Integrated Strategy
ACROPOLIS, PQ7 - 245163 (2010)

Other visible text in the dropdown menu includes:

- Aggregate and Cumulative Risk Of Pesticides: an On-Line Integrated Strategy
ACROPOLIS, PQ7 - 245163 (2010)
- From basic knowledge on the dynamics of b2 m self aggregation to the discovery of new inhibitors of amyloidogenesis
FRG - NIPR108EGS_002 (2012)

At the bottom right of the form, there are buttons for "Ritorna elemento", "+ Aggiungi ancora", "Cerca", and "Successivo >".

OpenAIRE Funders Projects List

REPOSITORIES DEPOSIT WORKFLOW:

Searching by the name, acronym or the project id number... Select the project and accept

Resumo

+ Adicionar mais

Caso este documento tenha resultado de projetos financiados pela Comissão Europeia (FP7, H2020, ERC), Fundação para a Ciência e Tecnologia (FCT) ou Wellcome Trust (WT), identifique esse(s) projeto(s) neste campo. Essa identificação é regra geral um requisito do(s) financiador(es). Para identificar o(s) projeto(s) insira um dos seus elementos de identificação (número, nome, acrónimo ou referência) e selecione-o na lista que lhe será apresentada.

Projeto financiado

Introduza aqui as designações de

Patrocinadores

Introduza aqui mais informação útil

Informações adicionais

Switch

641553 - HITECA - technology development and fabrication of Hig...

237039 - PHOTORCA - Photoregulated organocatalysis - From caged...

233157 - MECHANOCHEM SWITCHES - Switching the structure-functio...

285952 - SOLARGAIN - Low-cost switchable reflective polymeric s...

219291 - LIGHTSWITCHES - Multifunctional DNA light-switches: se...

219828 - LIGHT INDUCED SWITCH - Nanoporous Materials and Supram...

200431 - INNOSHADE - Innovative Switchable Shading Appliances b...

324495 - SWITCH-HD - Switching the disease off: Effects of spat...

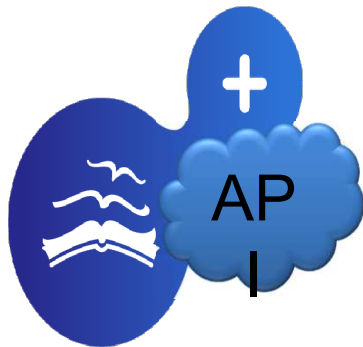
328078 - NANOSCOPE - Mastering novel switchable molecular mater...

328893 - SINGLE-MOLEC-SWITCH - Developing single-molecule switc...

+ Adicionar mais

+ Adicionar mais

registo público.



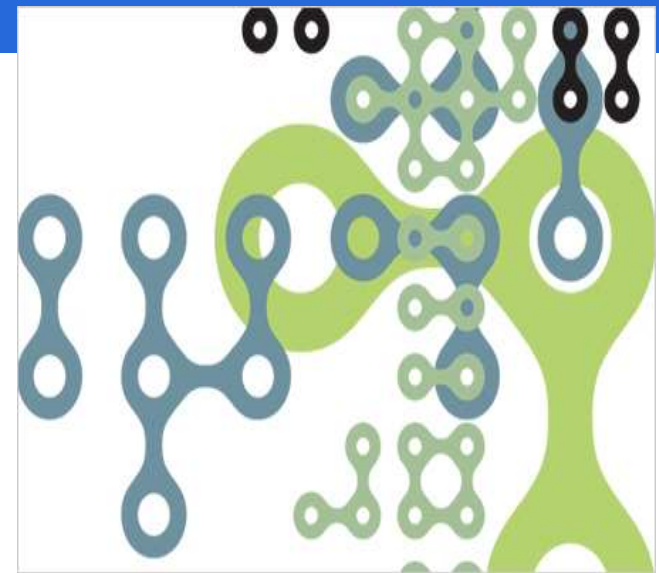
RESEARCHERS

Why Open Access. How to comply. What services to use.

RESEARCH ADMINS

How to monitor research results. What services to use for your needs.

LINK YOUR RESEARCH RESULTS



When you publish or deposit in OA
make sure you use a fully
OpenAIRE compatible repository. If
you don't...

**USE OUR LINKING SERVICES AFTERWARDS
AND ASSOCIATE YOUR RESEARCH RESULTS**



LINK RESEARCH RESULTS TOOL

<https://www.openaire.eu/participate/claim>

Link publication or datasets to projects. Identify the project, select publications or datasets and set the access rights.



1 IDENTIFY PROJECT | 2 SELECT PUBLICATIONS/DATASETS | 3 SET ACCESS RIGHTS

SELECT FUNDING AGENCY

1. Select funding agencies

Funder:

2. Select Project(s)

Type the project title or the acronym or the grant agreement

SELECT CONTEXTS(S)

1. Select community and category

Community: Category:

2. Select Contexts(s) [BROWSE](#)

Please select concept...

Link datasets and publications

Authigenic carbonates related to active seepage of methane-rich hot brines at the Cheops mud volcano, Menes caldera (Nile deep-sea fan, eastern Mediterranean Sea)

Pierre, Catherine; Bayon, Germain; Blanc-Valleron, Marie-Madeleine; Mascle, Jean; Dupre, Stephanie (2014)

Publisher: Springer

Languages: English

Types: Article

Subjects:

Identifiers:  doi:10.1007/s00367-014-0362-6

On the passive margin of the Nile deep-sea fan, the active Cheops mud volcano (MV; ca. 1,500 m diameter, ~20–30 m above seafloor, a crater lake with hot (up to ca. 42 °C) methane-rich muddy brines in places overflowing down the MV) (2007, ROV dives enabled detailed sampling of the brine fluid, bottom lake sediments at ca. 450 m lake MV flanks, and carbonate crusts at the MV foot. Based on mineralogical, elemental and stable isotope the origin of the brine fluid and the key biogeochemical processes controlling the formation of these tion to their patchy occurrence in crusts outcropping at the seafloor, authigenic carbonates occur as small ifloor sediments, as well as in the bottom sediments and muddy brine of the crater lake. Aragonite and sts and in sub-seafloor concretions at the MV foot, whereas Mg-calcite, dolomite and ankerite dominate floor concretions near the crater rim. The carbonate crusts and sub-seafloor concretions at the MV foot ottom seawater temperature; their low $\delta^{13}\text{C}$ values (–42.6 to –24.5‰) indicate that anaerobic oxidation of ate precipitation. By contrast, carbonates from the muddy lake brine, bottom lake concretions and crater ^{13}C (up to –5.2‰) and low $\delta^{18}\text{O}$ values (down to –2.8‰); this is consistent with their formation in warm ^{13}C -rich CO_2 and, as confirmed by independent evidence, slightly higher heavy rare earth element precipitation being methanogenesis. Moreover, the benthic activity within the seafloor sediment enhances ulphide that promotes carbonate dissolution and gypsum precipitation. These findings imply that the al reactions represents the major link for the transfer of elements and for carbon isotope fractionation A new challenge awaiting future studies in cold seep environments is to expand this work to oxidized and

[LINK TO PUBLICATION](#)

Distribution of marine litter at bathyal and abyssal depths in the Mediterranean Sea

Eva Ramirez-Llodra; Ben De Mol; Company, M; Marta Coll; Francesc Sardà (2013)

Publisher: PANGAEA

Type: dataset

Identifiers:  doi:10.1594/PANGAEA.778322

[Related Publications \(0\)](#)

[Related Research Data \(0\)](#)

 No related publications.

[LINK TO PROJECT](#)


[LINK TO RESEARCH DATA](#)

[References \(14\)](#)

[Related Research Data \(0\)](#)


[Similar Publications \(0\)](#)

Projects: publications and data



HERMIONE SC3

Title	Hotspot Ecosystem Research and Man's Impact on European seas
Funding	EC FP7 SP1 ENV
Call	FP7-ENV-2008-1
Contract (GA) number	226354
Start Date	2009/04/01
End Date	2012/09/30
Open Access mandate	yes
Special Clause 39	yes
Organizations	FAU , CU , HAVFORSKNINGSINSTITUTTET , SIO , IH , National Marine Aqua , NIOZ , Acquario di Genova , THE SCOTTISH ASSOCIATION FOR MARINE SCIENCE , ArchimediX , CNR , UNIVERSITY OF THESSALY - UTH , UPM , CNRS , UB , UniHB , UNEP , CSIC , AWI , MPG , UGOT , UAzores , UAVR , SOTON , JacobsUni , HCMR , MEDIAN , IFREMER , HWU , CONISMA , ULIV , UiT , ICHEC , GEOMAR , NERC , UNIABDN , KNAW , SENCKENBERG GESELLSCHAFT FUR NATURFORSCHUNG , WCMC , Tyndall-UCC , UGent
More information	Detailed project information (CORDIS)

Publications (351) Research Data (481) Statistics 

RESEARCHERS

Why Open Access. How to comply. What services to use.

GATHER OUTPUTS, VIEW PROGRESS AND REPORT



RESEARCH ADMINS

How to monitor research results. What services to use for your needs.



PROJECTS PUBLICATIONS LIST

<https://www.openaire.eu/search/find/projects>

OpenAIRE portal includes an App Box to generate a project publication list. Communicate your project results.



APP BOX

-  Publication details
-  Dynamically incorporate publications in your site (HTML)
-  View EC progress report (HTML)
-  Download EC progress report (CSV)

[LINK RESEARCH RESULTS](#)

[DEPOSIT PUBLICATIONS](#)

FUNDERS

Why align policies and practices. How to monitor and analyze results.

RESEARCH ADMINS

How to monitor research results. What services to use for your needs.

MONITOR AND REPORTING



Once you deposit in a fully
OpenAIRE compliant
repository

**YOUR PUBLICATIONS WILL BE REPORTED
AUTOMATICALLY TO THE EC'S PARTICIPANT PORTAL
AT REPORTING TIME**



OpenAIRE



Automatically



EC's participant portal (reporting)

Grant Management

643410 (OpenAIRE2020) RIA

HORIZON 2020

Call: H2020-EINFRA-2014-2015
Topic: EINFRA-2-2014 Unit: CNECT/C/01

Publishable Summary	Deliverables	Milestones	Critical Risks	Publications	Patents (IPR)
✓	i	i	✓	✓	✓

RESEARCH & INNOVATION
Participant Portal - Grant Management Services

MY PROJECT

HORIZON 2020

Call: H2020-EINFRA-2014-1
Type of Action: RIA
Acronym: OpenAIRE2020
Current Phase: Grant Management
Number: 643410
Duration: 42 months
Start Date: 01 Jan 2015
Estimated Project Cost: €13,132,500.00
Requested EU Contribution: €13,000,000.00
Contact: [Pilar OCON GARCES](#)

- Latest Legal Data
- Process List
- Document Library
- Communication Center

H2020 ONLINE MANUAL

HOW TO

Continuous or Final Reporting

EC's participant portal

npricpe (EXTERNAL) ?

Grant Management
Project Continuous Report

643410 (OpenAIRE2020) RIA



Call: H2020-EINFRA-2014-2015
Topic: EINFRA-2-2014 Unit: CNECT/C/01

Publishable
Summary

Deliverables

Milestones

Critical Risks

Publications

Patents (IPR)

Gender

Publications SAVE

This project does not currently have any scientific publication

Suggested publications from OpenAIRE (9 publications) +

No.	Type	Title	Authors	Title of the Journal/Proc./Book	Date of Acceptance	DOI	Non-DOI Weblink	Actions
1	Other	Establishing of a Slovenian open access infrastructure	Hrovat, Goran; Kotar, Mojca; Ferme,		24/12/2015	10.1108/PROG-02-2014-0005		
2	Article	Semantic Publishing Challenge - Assessing the Quality of Scier	Dimou, Anastasia; Vahdati, Sahar; Di		25/08/2015			
3	Article	Mapping Large Scale Research Metadata to Linked Data: A Pe	Vahdati, Sahar; Huang, Jun-Yao; Ka		12/06/2015			
4	Article	Structured Affiliations Extraction from Scientific Literature	Bolikowski, Łukasz; Tarnawski,		01/01/2015			
5	Article	CERMINE: automatic extraction of structured metadata from	Dendek, Piotr Jan; Szostek, PaweŁ		01/01/2015			

Project publications (12 publications) +

No.	Type	Title	Authors	Title of the Journal/Proc./Book	Number, date or freq. of the Journal/Proc./Book	DOI	Repository Link	Actions
1	Article in Jor	OpenAIRE: Supporting a European open access mandate	Najla Rettberg and Birgit Schmidt	College & Research Libraries News	Vol.76 No.6			
2	Publication i	Aligning Repository Networks and the Confederation of Open	Kathleen Shearer	INFLIBNET's Convention Proceedings				
3	Article in Jor	Reaching Out to Global Interoperability through Aligning Repe	Kathleen Shearer, Katharina Mueller,	New Avenues for Electronic Publishing in the Age		10.3233/978-1-61499-562-3-165		
4	Article in Jor	The OpenAIRE2020 FP7 Post-Grant Open Access Pilot: Implem	Pablo de Castro	Information Services & Use				
5	Article in Jor	CERMINE: automatic extraction of structured metadata from	Dominika Tkaczyk, Paweł Szostek, M	International Journal on Document Analysis and f	18/4	10.1007/s10032-015-0249-8		
6	Article in Jor	Structured Affiliations Extraction from Scientific Literature	Dominika Tkaczyk, Bartosz Tarnawski	D-Lib Magazine	21/11/12	10.1045/november2015-tkaczyk		
7	Publication i	On bridging data centers and publishers: the data-literature	Burton Adrian	MTSR 2015 - 9th Metadata and Semantics Resear				
8		Mapping Large Scale Research Metadata to Linked Data: A Pe	Sahar/Vahdati	Communications in Computer and Information Sc	544			
9	Publication i	OpenCourseWare observatory - does the quality of OpenCou	Sahar Vahdati, Christoph Lange, Sön	Proceedings of the Fifth International Conferenc		10.1145/2723576.2723605		

Validate



OpenAIRE2020 : punti salienti

- Il progetto OpenAIRE in corso (2015-2018)
 - Aumentare l'interoperabilità di tutte le risorse connesse con il ciclo della ricerca
 - Dare supporto per ottemperare agli obblighi OA previsti in Horizon2020
 - 100% delle pubblicazioni scientifiche dovranno essere OA
 - Progetto Pilota sui dati aperti della ricerca
 - Implementare il progetto pilota Gold OA pilot FP7 post grant



<https://www.openaire.eu/postgrantoapilot>



FP7 post-grant Open Access publishing funds pilot



The EC has launched a Pilot to fund OA publications for finalized FP7 projects through the OpenAIRE project. The European Commissions's Communication and Recommendation on access to and preservation of scientific information¹ and Recommendation C(2012) 4890 on access to and preservation of scientific information (July 2012), identified a need to consider "whether and under what conditions open access publication fees can be reimbursed after the end of the grant agreement". As a consequence, a pilot funding instrument to support Open Access publishing for post-grant FP7 projects has been initiated. The post-grant Open Access Pilot provides an additional instrument to improve access to research results from FP7 projects, but does not affect authors' choice on how their project publications are made Open Access.

The FP7 post-grant pilot is being developed in the context of the OpenAIRE2020 project, and is aligned with the Open Access infrastructure and support network provided by OpenAIRE. The current FP7 post-grant Open Access Pilot should not be confused with the previous FP7 Green Open Access Pilot launched in August 2008.



Summary



FP7 Post-Grant OA Publishing Pilot

- Progetto pilota per 2 anni (Maggio 2015- 30 Aprile 2017)
- Finanzia i costi di pubblicazione (APC) *di articoli ad accesso aperto risultanti da progetti europei FP7 terminati negli ultimi 2 anni*
- 4 milioni messi a disposizione dalla CE per finanziare “post-grant” publications di oltre *8,000 progetti FP7 terminati*
- No riviste ibride; 2000 EUR per articolo; max 3 pubs per progetto; 6000 eur per una monografia

<https://postgrantoapilot.openaire.eu/>

Sistema centralizzato per la gestione

The image shows a screenshot of the OpenAIRE FP7 post-grant Open Access Pilot website. The top navigation bar includes 'HOME', 'SUPPORT', and 'CONTACT US'. The main content area is divided into several sections:

- Requesting funds for post-grant FP7 publications?**
 - WARNING:** The 2-year FP7 project eligibility time-window for this funding initiative will be updated as of Jan 1st, 2016, which means that all FP7 projects finished during 2013 will cease to be eligible for funding on that date. If you are involved in any of such projects, please make sure that the manuscript acceptance date for your funding request is no later than Dec 31st, 2015. Thanks.
 - 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
 - Search input field: Search...
 - If you cannot find your project in our database, do not hesitate to contact us
 - SIGN IN** button
 - New User? Start here
 - View eligible projects by organization...
- Open Access Pilot** (Secondary interface)
 - Navigation: HOME, MANAGE REQUESTS, MONITOR
 - Progress bar: 1 Project, 2 Publication, 3 Accounting, 4 Summary (highlighted)
 - request so far and edit if needed before submitting
 - RESEARCHER** section: ne, ail, tion(s) versity of Amsterdam - IBEED it Info)
 - PROJECT** section: Acronym FORCE, Title Future of Reefs in a Changing Environment (FORCE): An ecosystem approach to managing Caribbean coral reefs in the face of climate change, Scientific area ENW, Call FP7-EW-2009-1, Contract (GA) number 244181, (Edit: Info)
 - PUBLICATION** section: Crude oil contamination interrupts settlement of coral larvae after direct exposure ends, 10.3354/meps11437, AC Hartmann
 - ACCOUNTING** section: APCs (from OpenAIRE database): 0 Euro - 0% discount, APCs (provided by user): 1500 Euro - 0% discount, Project participation: 100 %



OpenAIRE2020 : punti salienti

- Rafforzare collaborazioni internazionali
- Linked Open Data
- Sperimentare nuove forme di scholarly communication (open peer reviewing, nuove metriche sulla base di dati forniti da OpenAire)
- Diventare un' entità giuridica





Building Bridges: Global Alignment via COAR



"bloor viaduct", <https://www.flickr.com/photos/43021516@N06/>, CC BY-SA 2.0



World-wide alignment & synergies



Red Mexicana
de Repositorios
Institucionales



WORLD DATA SYSTEM

Interoperability alignment, sharing technologies & services

- La Refencia: Latin America repository network
- JAIRO – Japanese Institutional Repositories Online
- REMERI – Mexican Network of Institutional Repositories
- ...

OpenAIRE

beta.lod.openaire.eu

Search

Science. Set free.

WELCOME TO BETA VERSION OF OPENAIRE LOD SERVICES

The OpenAIRE Linked Open Data (LOD) Services and their integration with the OpenAIRE information space is initially released as a beta version. The LOD exporting process started with a specification of the OpenAIRE data model as an RDF vocabulary, and then mapping of the OpenAIRE entity data to RDF. To interlink the OpenAIRE data with related data on the Web, export them as Linked Open Data (LOD) a list of potential datasets to be interlinked to is identified.

BETA-OPENAIRE LOD

We so far provide the following ways of accessing the OpenAIRE LOD: descriptions of each entity downloadable from its URI, a downloadable dump, and a SPARQL endpoint.

Why Open Peer Review?

Problems with traditional peer review ...



- Time
- Accountability
- Bias
- Incentive
- Wasted effort

Open Peer Review, broadly defined ...

Traditionally, peer review is ...

- **Anonymous:** reviewers unknown to authors, or both authors and reviewers unknown to each other
- **Selective:** reviewers selected by editors
- **Opaque:** neither the process nor the reviews are made public

Openness in peer review can refer to ...

- **Absence of anonymity (open identity)**
- **Self-selecting reviewers (open participation)**
- **Public processes and reviews (open access)**



Incoraggiare la sperimentazione

- Infrastruttura di OpenAIRE a disposizione della sperimentazione
- Indagine sulla peer-reviewing
- Bandi emanati nel 2015
 - Provvisti di piccoli finanziamenti per
 - studiare come OPR si possa integrare con OpenAIRE
 - fornire dei casi di studio per un'analisi approfondita
 - incoraggiare gli esperimenti tecnologici



www.openaire.eu/openaire-open-peer-review-survey-and-other-activities

OpenAIRE Open Peer Review survey and other activities

Updated on 29 September 2016



As OpenAIRE continues to push the boundaries of Open Science, it has been carrying out a range of activities to investigate how openness and transparency can improve scientific processes in the area of quality evaluation (See: [Open Peer Review in OpenAIRE](#)).

SURVEY

In the context of its Open Peer Review activities

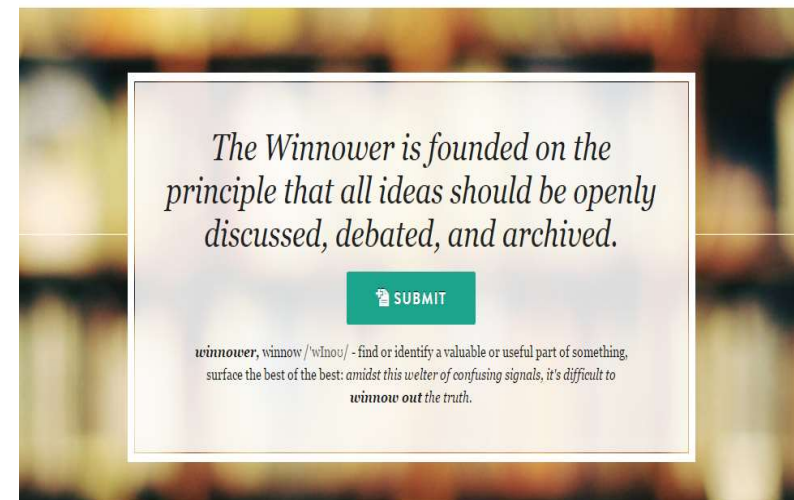
OpenAIRE is currently running a survey about OPR. We like to get to know about your opinion about OPR in general, its special flavors, and about the expected effects of OPR on the system of scholarly communication.

Survey on Open Peer Review – tell us your opinion! [Take the survey now](#)



the WINNOWER

- Il progetto finanziato è stato assegnato a Winnower con il fine di implementare e testare un nuovo modello di open peer review partendo dal posizionare le revisioni come articoli.
- Incentivare le post-publication peer reviews
- Prendendo reviews dai “journal clubs”
- Piattaforma per le review: i contenuti di Zenodo
- Indagine sugli autori



HOW IT WORKS

Submit your work. Collect Reviews. Assign DOI & Archive.

- Submission**
Publish your research, class essays, peer reviews, grants, letters, how-to articles, conference summaries, conference talks, blogs - whatever format you choose.
- Review**
Invite researchers and colleagues to review your work using The Winnower. The review period can be as long or as short as you need it to be.
- Revision**
Revise your work based on the reviews you receive. You can make as many or as little changes as necessary before archiving.
- Archival**
Once you are satisfied with your paper you can assign a digital object identifier (DOI). Metrics including Altmetrics, views, and reviews, will track the impact of your work.



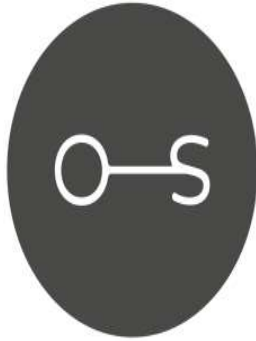
Cost

- Riviste in lingua francese
- Piattaforma per i blog
- hypotheses.org per OPR
- Usare hypotheses.org per gli open commentary
- Considerare OPR nelle sue criticità sociali piuttosto che tecnologiche

[Vertigo] La revue électronique en sciences de l'environnement



<p>Recherche <input type="text"/></p> <p>INDEX</p> <p>Auteur</p> <p>Mots-clés</p> <p>Lieux d'étude</p> <p>NUMÉROS</p> <p>Tous les numéros</p> <p>Tous les hors-séries</p> <p>LA REVUE</p> <p>À propos</p> <p>Directives aux auteurs</p> <p>Comité de rédaction</p> <p>Comité scientifique</p> <p>Nos partenaires</p> <p>Appel aux propositions</p> <p>Guide - rédaction scientifique</p> <p>Le blogue de Vertigo</p> <p>RUBRIQUES ÉLECTRONIQUES</p> <p>Débats et Perspectives</p> <p>Regards / Terrain</p> <p>Lectures</p> <p>Événements scientifiques</p> <p>CARNET DE RECHERCHE</p>	<p>Dernier numéro en ligne</p> <p>VOLUME 15 NUMÉRO 2 septembre 2015</p> <p>Temporalités, action environnementale et mobilisations sociales</p> <p>Dossier : Temporalités, action environnementale et mobilisations sociales</p> <p>Sous la direction de Nathalie Lewis (Université du Québec à Rimouski, Canada) (Département Sociétés, territoires et développement, Université du Québec à Rimouski, Canada), Didier Busca (CERTOP, Université Toulouse - Le Mirail, France), Louis Simard (École d'études politiques, Université d'Ottawa, Canada) et Bruno Villalba (Ceraps, Sciences Po, Lille, France)</p> <p>Il importe de réfléchir aux modes de prise de décisions, notamment politiques, aux dynamiques d'action collective, aux processus de qualification des problèmes et des solutions... aux dynamiques d'empêchement ; en d'autres termes de réfléchir à l'impact de ces postures - leurs audiences -, sur les modes de penser et d'agir collectifs. Ce dossier de [Vertigo] recueille des textes permettant de penser de façon comprehensive l'impact des marqueurs temporels dans les dynamiques d'action environnementales dans leur mode de penser et d'agir, de conception et d'action.</p> <p>Voir le sommaire complet</p> <p>Section courante</p>	<p>Débats et Perspectives</p> <p>Robin Chalot</p> <p>Écologie et urbanisme : comment les experts du vivant peuvent-ils contribuer à la conception du cadre urbain ?</p> <p>18 novembre 2015</p> <p>Maximin Chabrol</p> <p>Hierarchies urbaines et transitions énergétiques: une approche évolutive en Europe de 1800 à 2010</p> <p>08 novembre 2015</p> <p>Franck Rafféjeau et Eric Tromeur</p> <p>Oscillation : bioadéquation et bien-être sont-ils l'avenir d'un progrès durable pour nos enfants ?</p> <p>28 septembre 2015</p> <p>Voir la rubrique</p> <p>Regards / Terrain</p> <p>R. Bellefontaine, Quentin Neunier, Ichaou Aboubacar et Hervé Le Boulter</p> <p>Multiplication végétative à faible coût au profit des paysans et éleveurs des zones tropicales et méditerranéennes.</p> <p>05 octobre 2015</p>
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Modulo Open Peer Review per i repository

open scholar

- OPR plug-in per i repository (DSpace) per convertirli in piattaforma di valutazione
- Includendo published reviews, disclosed identities, reviewer reputation system
- Codice con tutta la documentazione disponibile, su Github con una licenza aperta:
 - <https://github.com/arvoConsultores/Open-Peer-Review-Module>



OPRM : Implementazione



Repository of
the **Spanish Institute
of Oceanography**



Repository of
the **Spanish National
Research Council**





HELPDESK

Ask a
question

FAQs



RESOURCES

OA H2020
guide

Copyright
Issues

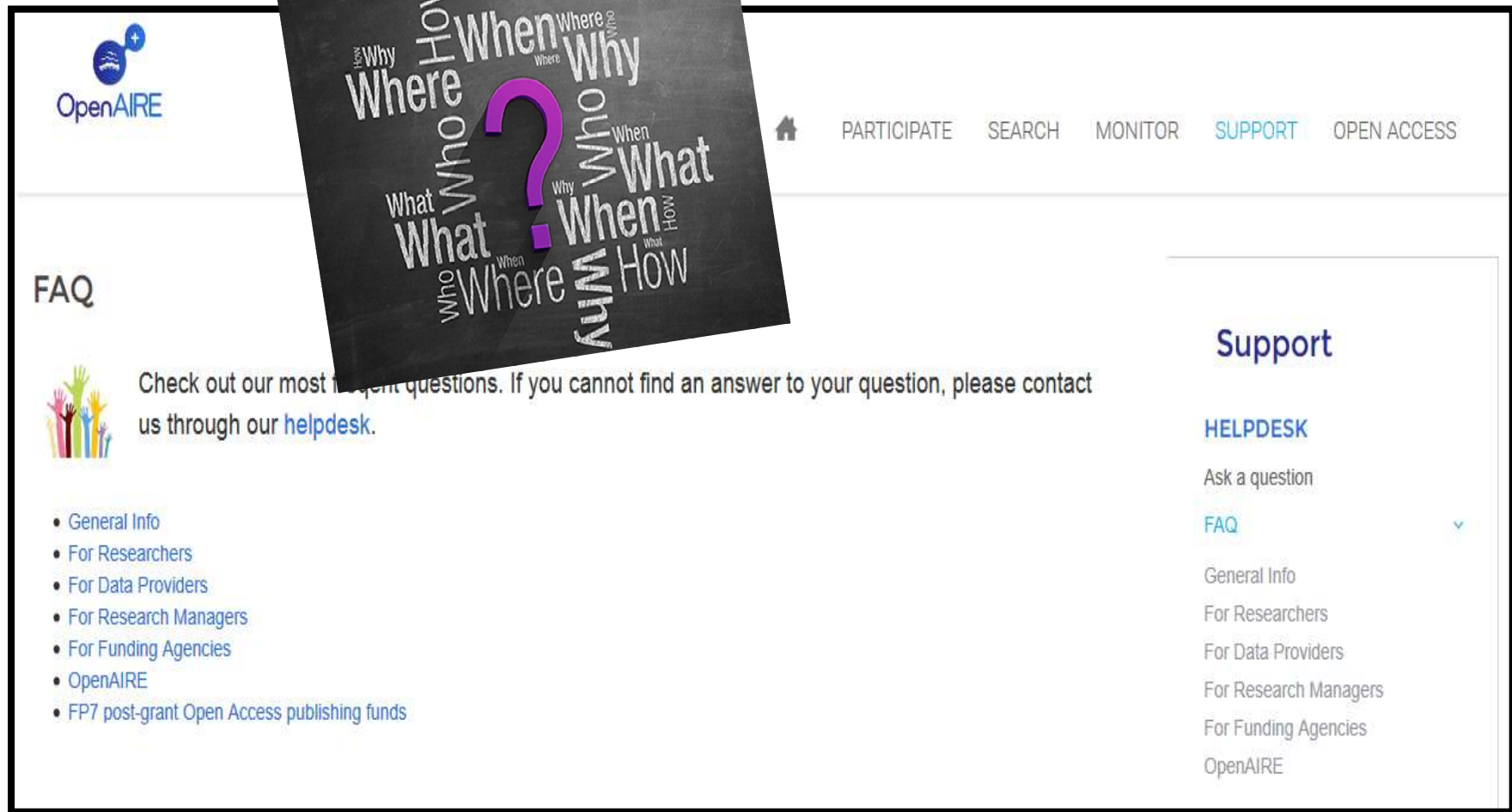
H2020
factsheets



TRAINING

Webinars

Workshops



The screenshot shows the OpenAIRE website interface. At the top left is the OpenAIRE logo. A navigation bar contains links for PARTICIPATE, SEARCH, MONITOR, SUPPORT (highlighted in blue), and OPEN ACCESS. The main content area is divided into two columns. The left column is titled 'FAQ' and features an icon of raised hands. Below the icon is a paragraph: 'Check out our most frequent questions. If you cannot find an answer to your question, please contact us through our [helpdesk](#).' A bulleted list follows, containing links for: General Info, For Researchers, For Data Providers, For Research Managers, For Funding Agencies, OpenAIRE, and FP7 post-grant Open Access publishing funds. The right column is titled 'Support' and contains a 'HELPDESK' section with a link to 'Ask a question'. Below this is a dropdown menu for 'FAQ' with a downward arrow, listing the same categories as the left column: General Info, For Researchers, For Data Providers, For Research Managers, For Funding Agencies, and OpenAIRE. A large graphic with a purple question mark and various question words (Who, What, When, Where, How, Why) is overlaid on the top left of the screenshot.

www.openaire.eu/support/faq



OpenAIRE Horizon2020 FactSheets

Visit the OpenAIRE Portal
www.openaire.eu

Open Access and Open Data in Horizon 2020

How can OpenAIRE help?

Factsheet for Research Administrators and Project Coordinators

The Horizon 2020 Open Access Mandate

In Horizon 2020, the European Commission (EC) requires that all peer-reviewed publications resulting from project funding are open access (OA), i.e., freely available online with no restrictions on use.



4 Simple Steps to Open Access




OpenAIRE Horizon2020 FactSheets

Visit the OpenAIRE Portal
www.openaire.eu

OpenAIRE Guide for Researchers in EC Funded Projects

How Can OpenAIRE help?

How to adhere to the EC Horizon 2020 Open Access mandate and Open Research Data Pilot

www.openaire.eu/services-factsheets



Open Access to Publications in H2020

FP7 post-grant OA Publishing funds

ZENODO. Share & Reuse

OpenAIRE compatibility for repositories

Open Research Data Pilot in H2020

www.openaire.eu/webinars



FACILITATE OPEN SCIENCE TRAINING FOR EUROPEAN RESEARCH

Open Science Training for National
Contact Points (NCP)



29 Apr 2016 to 27 May 2016

What to do:

Search
Advanced search

- Take Courses
- Create Courses
- See upcoming events

News

- Love research data management
- Go to the project website

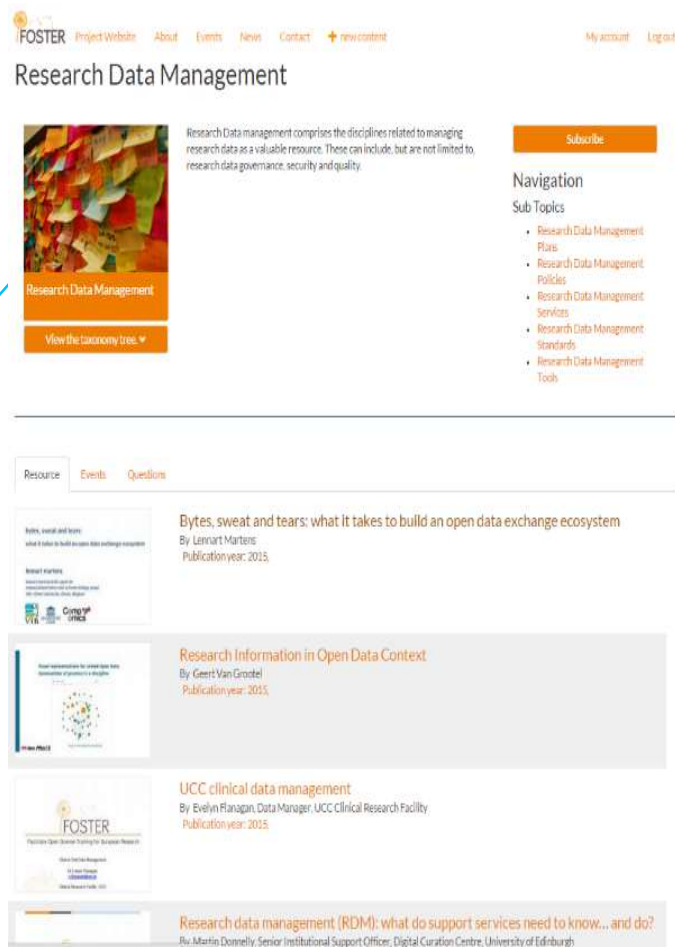
Featured Topics

Open Access	Open Science	Open Data	Research Data Management
Open Science Policies	Funders policies	Open Access policies	Open Repositories

[View all topics](#)



<http://fosteropenscience.eu/>



The screenshot shows the FOSTER Portal interface for Research Data Management. At the top, there is a navigation bar with links for Project Website, About, Events, News, Contact, and a new content button. A 'My account' and 'Logout' link are also present. The main heading is 'Research Data Management'. Below this, there is a large image of colorful papers with the text 'Research Data Management' and a 'View the taxonomy tree' button. To the right, there is a 'Subscribe' button and a 'Navigation' section with 'Sub Topics' including Research Data Management Plans, Policies, Services, Standards, and Tools. Below the main content, there are tabs for 'Resource', 'Events', and 'Question'. The 'Resource' tab is active, showing a list of resources. The first resource is 'Bytes, sweat and tears: what it takes to build an open data exchange ecosystem' by Lennart Martens, published in 2015. The second is 'Research Information in Open Data Context' by Geert Van Groetel, published in 2015. The third is 'UCC clinical data management' by Evelyn Flanagan, published in 2015. The fourth is 'Research data management (RDM): what do support services need to know... and do?' by Martin Donnelly, published in 2015. At the bottom left, there is a logo for 'SAPCIRES'.

- Tutti i materiali sono usabili, modificabili e riutilizzabili per uso didattico/formativo

- Molti dei materiali sono organizzati per essere usati nei corsi.



Cineca e attività OA

- OpenAIRE- Disseminazione, help desk su OA in Horizon 2020 ai coordinatori di progetto/uffici della ricerca
- Promuovere l'implementazione delle linee guida OpenAIRE negli archivi istituzionali degli atenei ed enti di ricerca italiani
 - compatibilità di IRIS con OpenAIRE in corso di completamento
- Supporto e attività di formazione su Open Research Data/ Data Management Plan





Cineca e attività OA

- Piattaforma per l'aggregazione delle pubblicazioni OA - PLEIADI
- Open Tesi – partner tecnologico
- Manutenzione e aggiornamento del wiki OA-ITALIA





Attività future

- Possibile evoluzione di PLEIADI per divenire un portale per l'accesso ai risultati della ricerca italiana ?
- Repository dei bandi MIUR integrati con OpenAIRE?
- Servizi a supporto dei dati della ricerca per rispondere alle esigenze dell'Open Science (discoverability, data curation, preservation)?






Grazie!

 www.openaire.eu

 @openaire_eu

 facebook.com/groups/openaire

 linkedin.com/groups/OpenAIRE-3893548



open-aire@cineca.it

