OpenAIRE National Workshop

Sala Marconi, CNR Roma, piazzale Aldo Moro 7, Roma
Horizon 2020 and OpenAIRE 2020

Paola Gargiulo (OpenAIRE NOAD/CINECA)
acceleration of the research and discovery process, leading to increased returns on R&D investment;

avoidance of the duplication of research efforts, leading to savings in R&D expenditure;

enhanced opportunities for multi-disciplinary research, as well as inter-institutional and inter-sectorial collaborations;

broader and faster opportunities for the adoption and commercialisation of research findings, generating increased returns on public investment in R&D and the potential for the emergence of new industries based on scientific information.

Source: Inge Van Nieuwerburgh. Horizon 2020 Open Access Mandate
http://www.slideshare.net/OpenAIRE_eu/horizon-2020-open-access-mandate-webinar-by (28 May 2015)
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.

A Vision for Europe

- Open Innovation
- Open Science
- Open to the World

NEW List of Nominated Members of the Open Science Policy Platform 210 KB
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
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 - source: [http://www.sciencemag.org/news/2016/05/dramatic-statement-european-leaders-call-immediate-open-access-all-scientific-papers](http://www.sciencemag.org/news/2016/05/dramatic-statement-european-leaders-call-immediate-open-access-all-scientific-papers)

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.

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."

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

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
European Open Science Cloud

Latest news 19 April 2016 – European Open Science Cloud

Giving a major boost to Open Science in Europe, the Commission today presented its blueprint for cloud-based services and world-class data infrastructure to ensure science, business and public services reap benefits of big data revolution.

By bolstering and interconnecting existing research infrastructure, the Commission plans to create a new European Open Science Cloud that will offer Europe's 1.7 million researchers and 70 million science and technology professionals a virtual environment to store, share and re-use their data across disciplines and borders. This will be underpinned by the European Data Infrastructure, deploying the high-bandwidth

In Horizon 2020, the EC requests all projects to provide open access to all peer reviewed articles arising from project funding.
“... beneficiary must ensure open access (free of charge) to all peer-reviewed scientific publications ... the data, including associated metadata, free of charge for any user ...”
Open Access in Horizon 2020 to Publications

Four steps to getting open access articles:

1. **Submit papers to a journal of choice, there is no restriction. If a researcher chooses to publish in an OA journal, publishing costs can be reimbursed within the project period and budget.**

2. **Deposit the final manuscript or publisher’s PDF in a repository, either institutional or disciplinary.**

3. **Acknowledge project funding, both in the publication and in the metadata: each publication should add the EC grant agreement number.**

4. **Each paper must have a publication date, a date of release in open access (embargoed if necessary) and a persistent identifier.**

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Open Research Data Pilot in Horizon 2020

1. Data Management Plan required within six months after project grant (regular project deliverable)
2. Deposit the research data in a research data repository
3. Make the research data openly accessible

Participation in the pilot is not part of the project evaluation.

Open Research Data Pilot in Horizon 2020

The Open Research Data Pilot concerns 9 areas
- 9 (2016/17)
- 7 (2014/15)

Opt-out is possible
- If the project does not generate/collect any data
- If there are conflicts: obligation to protect results, confidentiality, security, protection of personal data or any other reason to be explained in the DMP
- Opting out is also possible during the project

Opt-in is welcome
- All (research) projects are encouraged to participate on a voluntary basis


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What data?

- 'Underlying data' (= needed to validate the results presented)
- 'Other data' as specified in the Data Management Plan (DMP)
- Being in the Pilot does **not** mean opening **all data**!
- **Approach:** *As open as possible, as closed as necessary*

Beneficiaries participating in the Pilot must:

- **Provide** a DMP (within the first six months)
- **Deposit** the data in a repository of their choice
- **Take measures to make it possible** to access, mine, exploit, reproduce and disseminate free of charge
- **Provide information** about tools and instruments necessary (or provide them if possible)
DMPs are central for Open Access policy

DMPs are a tool for the project to determine and briefly present what datasets can or cannot be open

DMPs are:

- **Not** considered during the evaluation process
- **Mandatory** for projects participating in the Open Research Data (ORD) Pilot and to be generated within the first six months of project (and updated as needed)
- **Optional** for all others

**Data management costs are eligible**

What is next in Horizon 2020

Monitor the OA mandates in Framework Programmes

FP7 post-grant Open Access publishing funds pilot

Open Research Data as a rule for all funded projects starting in 2017

Strengthening Open Science in the Digital Single Market

The European Open Science Cloud initiative

The Open Science Policy Platform and the Open Science Agenda

The resources made available by EC

• The **Participant Portal**: an entire section with information and guidelines on Open Access and Data Management in Horizon 2020

• **OpenAIRE**: a dedicated infrastructure to support Open Access in the Framework Programmes and much more.....

OpenAIRE implements the OPEN ACCESS EC requirements
What is OpenAIRE

A Participatory European Open Access infrastructure to manage scientific publications and associated scientific material via repository networks.

Supports discovery, sharing and re-use of Open Access publications and EC funded research results.

Enhances publications by interconnecting them with data sets, funding information, related publications, institutional affiliation, metrics...
OpenAIRE Infrastructure

Guided by OA funder policies (European Commission)

Participatory approach (human & e-infrastructure)

Integrated Scientific Information System

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The resources made available by EC

- January 2015-
- Duration 42 months
- 50 partners
  - 33 National Open Access Desks
  - 6 technical partners: CNR, ARC, UNIBI, ICM, IDS, CERN
  - 10 scholarly communication organizations: UGOE, UMINHO, UGENT, CRISTin, eIFL, LIBER, SURF, UCL, COAR, CLARA
  - 3 data communities: EBI, Pangea, DANS
  - 3 legal experts: UvA, UGOE, ICM
- 9 mi Euros EC contribution

3-5 projects in ONE
OpenAIRE2020 highlights

• Enhance interoperability of all research-cycle related resources

• Support H2020 OA mandates
  – 100% OA on scientific publications
  – Research Data Pilot

• Implement Post Grante OA publishing pilot for FP7

• Test out new forms of scholarly communication

• Solidify international collaborations

• Establish OpenAIRE legal entity
NOAD Activities

Main Tasks: Dissemination and outreach and helpdesk & training
Open Access and Open Data in Horizon 2020
How can OpenAIRE help?

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

www.openaire.eu/services-factsheets

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OpenAIRE compatibility for repositories

FP7 post-grant OA Publishing funds

Open Access to Publications in H2020

Open Research Data Pilot in H2020

ZENODO. Share & Reuse

www.openaire.eu/webinars
Pedro Principe, University of Minho
Jochen Schirrmagen, University of Bielefeld

Compliant repositories for institutions, How to maintain a compliant repository?
OpenAIRE compatible repositories, guidelines and services
6 May 2016

Research Data Management
- an introductory webinar

Tony Ross-Hellauer, OpenAIRE
Sarah Jones, EUDAT

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http://www.slideshare.net/OpenAIRE_eu
References

Inge Van Nieuwerburgh. Horizon 2020 Open Access Mandate
http://www.slideshare.net/OpenAIRE_eu/horizon-2020-open-access-mandate-webinar-by (28 May 2015)


Jean-François Dechamp e Celina Ramjoué-
(http://www.slideshare.net/OpenAccessEC/horizon2020-and-openaccess-in-10-minutes (February 2016)
Riferimenti

[Links provided]

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Thank you!

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