Open Access in Horizon 2020 and the European Research Area

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Research & Innovation

Outline

The policy on open access in the Commission

Open access in FP7/Horizon 2020

Recent policy developments

Conclusion

Addendum: funding in open call

The European Commission is a...

Policy maker

- Consultations, debates...
- Invites Member States to take action
- Proposes EU legislation
  (Other institutions: Parliament, Council...)

Funding agency

- Research & Innovation: FP7, Horizon 2020
- Sets access and dissemination rules for funded research

(Infra)structure funder and capacity builder

- E.g. pan-European Open Data Portal, OpenAIRE etc.
- Supports networking activities

Two Commissioners on open access

Vice-President Neelie Kroes
Digital Agenda
  Digital single market

Commissioner
Máire Geoghegan-Quinn
Research & Innovation
  European Research Area (ERA)
  & Innovation Union

What are our objectives?

Develop and implement *open access to research results from projects funded by the EU Research Framework Programmes*
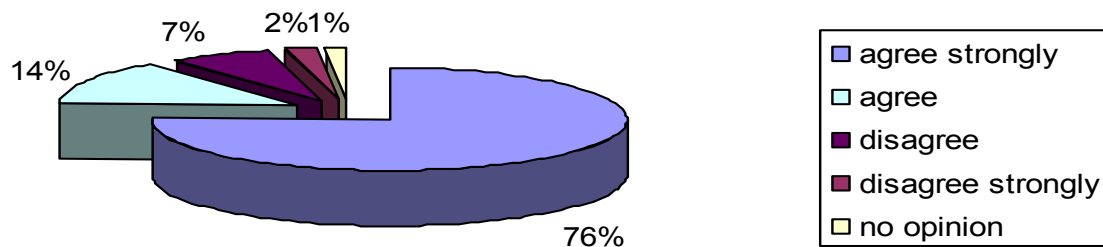
- Including fund research and support activities in the area of open access

Encourage *national policy initiatives aiming at improving access to and preservation of scientific information*

Contribute *to policy co-ordination between Member States*

2011 Consultation on scientific information: Publications

Should publications resulting from publicly funded research be available OA?

- 14%
- 7%
- 2% 1%
- 76%

Legend:
- agree strongly
- agree
- disagree
- disagree strongly
- no opinion

In favour:
- 100%
  - National and Regional Government
  - Research funding organization
- More than 90%
  - Libraries,
  - Citizens,
  - Universities/research institutes
  - Researchers

Disagree:
- 67% of publishers

Source: On-line public consultation on scientific information in the digital age July 2011 - September 2011
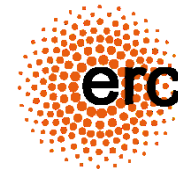
Open access in FP7- overview

OA Pilot in FP7
- **'Best effort to provide OA' mandate**
- **7 areas (>1300 projects to date)**
- **20% of total FP7 budget (2007-2013)**
- **Survey (summer 2011)**

ERC
- **Updated (2012) Scientific Council Guidelines for OA**
  Embargo (6 months) including primary data

OpenAIRE
- **EU-funded portal**
  Incl. monitoring (statistics: 27 134 publications, 9 577 are OA etc.)
- **OpenAIREplus**
  Linking of publications with datasets

Open Access Pilot in FP7

Seven areas
1. **Energy**
2. **Environment**
3. **Health**
4. **Information & Communication Technologies** *[only cognitive systems, interaction & robotics]*
5. **Research Infrastructures** *[only e-Infrastructures]*
6. **Science in Society**
7. **Socioeconomic Sciences & Humanities**

Embargo (6/12 months)
- **allows scientific publishers to ensure a profit on their investment (by e.g. charging for journal subscription),**
- **while then providing OA to research articles once the embargo period has lapsed.**

Special Clause 39: FP7 grant recipients are expected to:

- 1. deposit **peer-reviewed research articles or final manuscripts resulting from their FP7 projects into an online repository;**

- 2. make their *best effort* to ensure open access **to these articles within 6 months after publication (12 months for Science in Society and for Socioeconomic Sciences & Humanities).**

> 1000 GA to date
~2000 by end of FP7

Support and monitoring

www.openaire.eu

FP7 project OpenAIRE (Open Access Infrastructure for Research in Europe)

- **Support for technical implementation of the Open Access Pilot in FP7**

- **Helpdesk & contact points in the EU Member States**

- **Technical infrastructure of digital repositories to deposit and access articles and data produced under FP7 (incl. ERC)**

- **Repository for homeless publications (Orphan repository)**

Gold open access in FP7

OA publishing costs are eligible in FP7

- **Since the beginning of FP7 & for <u>all</u> projects**
  Details can be found in the FP7 model Grant Agreement

- **Limited to duration of project**

EC Survey (Summer 2011)

- **>50% did not know the possibility**

- **Only 8 projects out of 194 answers reported they used it**

- **For 72% of respondents, reimbursement of Gold OA is restricted by the fact that most publishing activities occur after the project end**

- **Almost 70% of respondents think it is better to use self-archiving to satisfy the OA requirement in FP7**

What are we proposing for OA in Horizon 2020 ?

OA Pilot in *FP7*

- 'Best effort' to provide OA
- 7 areas
- Peer-reviewed publications
- Allowed embargos: 6/12 months

OA mandate in *H2020*

- Obligation to provide OA
- All areas
- Peer-reviewed publications
- Allowed embargos: 6/12 months
- Plus: 'pilot' for research data

Green OA

OA publishing costs

- Eligible while project runs

OA publishing costs

- Eligibile while project runs
- Plus (tbc): possibility to cover later publications, under conditions to define

Gold OA

What are the next steps?

Leading by example

- **Proposal for open access in Horizon 2020**

  Co-decision with the **Council & European Parliament (amendments!)**
  By end of 2013: Adoption of legislative acts
  From 2014 Horizon 2020 starts / launch of first calls

But also:

- **Working with the community, funding infrastructures and relevant projects, co-ordination beyond the EU**

Three new documents from the European Commission (16.07.2012)

1. Communication *'A reinforced European Research Area partnership for excellence and growth'*

2. Communication *'Towards better access to scientific information: boosting the benefits of public investments in research'*

3. Recommendation *on access to and preservation of scientific information*

1. Communication 'ERA'

The ERA is based on the internal market in which researchers, scientific knowledge and technology circulate freely

Five priority areas:

- More effective national research systems
- Optimal transnational cooperation and competition
- An open labour market for researchers
- Gender equality and gender mainstreaming in research
- **Optimal circulation, access to and transfer of scientific knowledge**

2. Communication 'Towards better access to scientific information'

Why does better access matter for Europe?

The Commission's vision

Where do we stand?

- Access to publication and data, preservation, international context

What are the barriers to change?

- Transition to OA to publications, the case of data, long-term preservation

Action at European level

- What has the Commission done so far, what are the next steps

3. Recommendation to Member States

Define and implement clear policies for the dissemination of, and open access to publications and data resulting from publicly funded research

- **Embargo, copyright, academic career system, SMEs, transparency etc.**

Reinforce the preservation of scientific information

Further develop/reinforce e-infrastructures

Participate in multi-stakeholder dialogues at all levels

Participate in co-ordination at EU level

Conclusion

both 'Green' and 'Gold' open access measures should be promoted in the EU

- **Not all Member States are the same**

Open access must be effective, fair, affordable, competitive and sustainable for researchers and innovative businesses

Open Call in 2013 SiS Work Programme

ACTIVITY 5.1.3/Area 5.1.3.3

Topic SiS.2013.1.3.3-1: Upstream support to the definition, development and implementation of open access strategies and policies and to their coordination in the European Research Area

- **Networking of MS**

Topic SiS.2013.1.3.3-2: Downstream training on Open Access in the European Research Area

- **training academic staff, policy makers and staff working in funding bodies.**

More info on the open calls: http://ec.europa.eu/research/participants/portal/page/capacities

Your questions & your feedback

Twitter:
@OpenAccessEC

Learn more on **Open Access and the Commission:**
http://ec.europa.eu/research/science-society/open_access

Find support for the Pilot with **OpenAIRE:**
www.openaire.eu

Find tools for the Pilot on **CORDIS:**
http://cordis.europa.eu/fp7/find-doc_en.html

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