



Εθνική και Ευρωπαϊκή Πολιτική για την Ανοικτή Πρόσβαση

Open Access to Publications and Research Data in Horizon 2020

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Εθνικό Σημείο Επαφής

«ΑΣΦΑΛΕΙΣ ΚΟΙΝΩΝΙΕΣ»

«ΝΟΜΙΚΑ και ΟΙΚΟΝΟΜΙΚΑ ΖΗΤΗΜΑΤΑ»

Ίδρυμα Προώθησης Έρευνας

Digital
Agenda

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Horizon 2020 in a nutshell



Projects are funded through competitive Calls-for-Proposals

Policy Background:
Europe 2020 and 7 Flagship Initiatives (Digital Agenda, Innovation Union, Youth on the Move, Agenda for New Skills and Jobs etc.)

EU's largest legal Instrument

- Funding *Research & Innovation*
- ≈ 80 billion (2014-2020)



Simplified Access

- For *companies, universities, young people*
- Entities in EU and beyond

Three Pillars

- Targeting *Excellent Science, Industrial Leadership, Societal Challenges*

European Dimension



Priorities of Commissioner Moedas

Open Science as part of an Open Approach

- Open Innovation
- **Open Science**
- Open to the world

How? Open Access

- **Online access at no charge to the *user***
 - to peer-reviewed scientific publications
 - to research data (data underlying publications, curated data and/or raw data)

resulting from EU-funded research



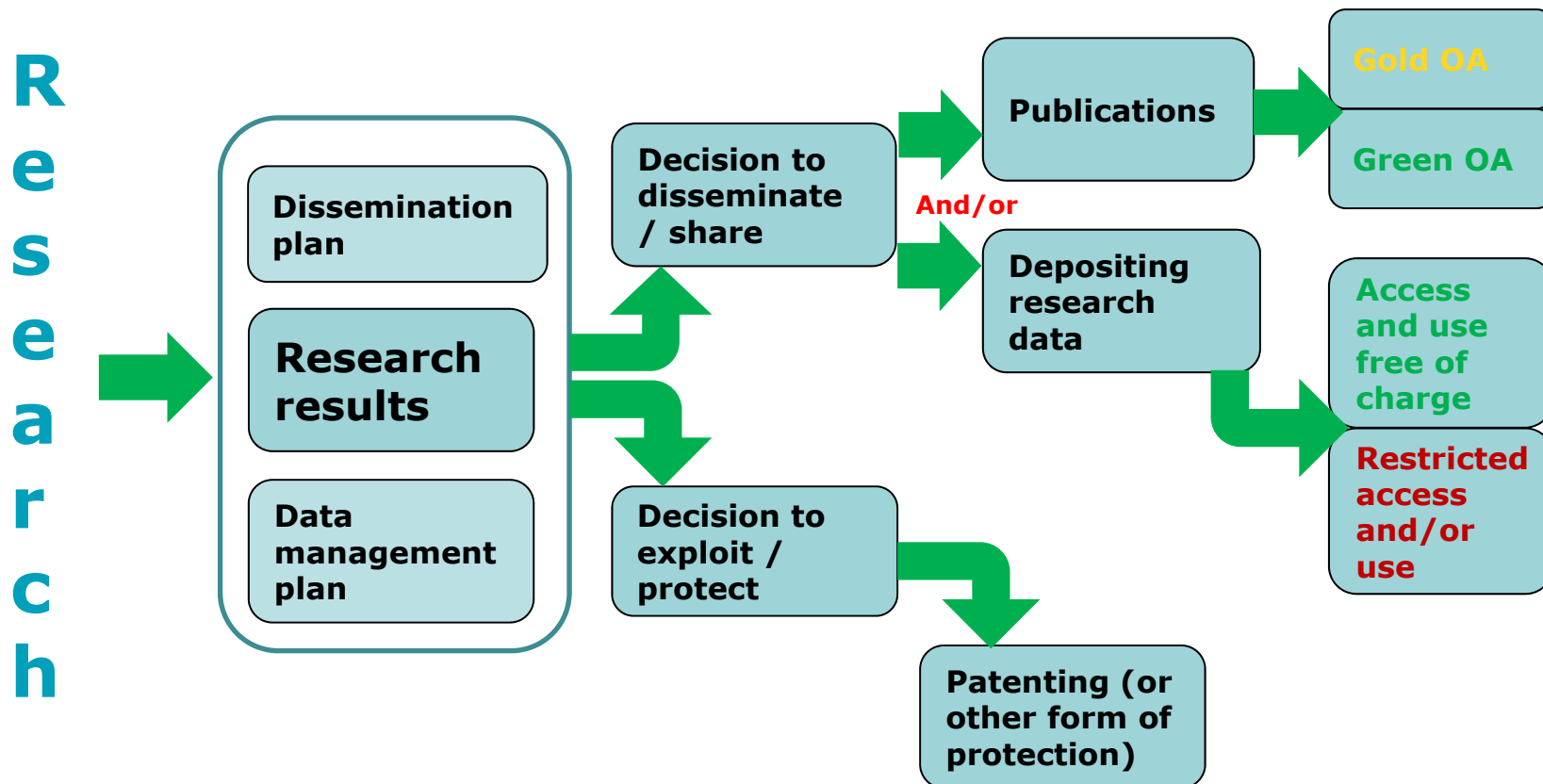
Why open access (OA)?

Goal: to optimise the impact of publicly-funded research and innovation

Expected impacts of open access:

- Better science (build on previous results)
- More efficient science (avoid duplication & promote re-use)
- Economic growth (accelerated and open innovation)
- Improved transparency (involving citizens & society)

Dissemination and exploitation of research results in H2020





Open access to publications

*Open access **mandate** in H2020*

- **Obligation** to provide OA to publications (Art. 29.2 Grant Agreement)
- **All areas**
- Peer-reviewed publications
- Allowed embargos: 6/12 months
- Green and Gold OA supported
- **Costs of gold access are eligible during the project lifetime**
- Mechanism for OA publication charges incurred once a grant agreement with the Commission has expired (FP7 projects) **OpenAIRE post-grant pilot page**

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

Open Research Data Pilot in H2020

Principles in the Rules for Participation

*Grant agreement
Art. 29.3*

CHALLENGE

Wider access to scientific facts and knowledge helps researchers, innovators and the public find and re-use data, and check research results:

offers better
value for EU
research funds



a public
benefit

encourages
research across
scientific fields



essential for
solving today's
complex societal
challenges



Open Research Data Pilot in H2020

Projects may opt out in a series of cases, at any stage

- If the project will not generate / collect any data
- Conflict with obligation to protect results
- Conflict with confidentiality obligations
- Conflict with security obligations
- Conflict with rules on protection of personal data
- If the achievement of the action's main objective would be jeopardised by making specific parts of the research data openly accessible (to be explained in data management plan)

Participation in ORDPA is not part of the project evaluation Proposals will not be penalised for opting out



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AS OPEN AS POSSIBLE, AS CLOSED AS NECESSARY

Grantees have the right to **opt-out**, but need to say **why**



Top three reasons for opt-out:

privacy

intellectual
property rights

might jeopardise
project's main
objective

The approach has been tested during a Horizon 2020 pilot action



Open Research Data Pilot in H2020

Key questions:

Which thematic areas are covered? NEWS!

What data is covered?

What are the requirements?

What about data management?

Open Research Data Pilot in H2020

SOLUTION

Horizon 2020 already mandates open access to all scientific publications



From 2017,
research data is
open by default,
with possibilities to opt out

**From to 2017
the current Open
Research Data
Pilot expands to
cover all areas of
HORIZON 2020,
with the same
rules***

***except ERC PoC, co-fund,
prizes, ERA-Nets, SME
Instrument Phase 1**



Open Research Data Pilot in H2020

Types of data concerned:

- Data needed to validate the results presented in scientific publications ("underlying data")
- Other data as specified in Data Management Plan (=up to projects)

Beneficiaries participating in the Pilot will:

- Deposit this data in a research data 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 at the disposal of the beneficiaries and necessary for validating the results (where possible, provide the tools and instruments themselves)

EC: Support & monitoring (Annotated MGA, guidance etc...)



Data management Plans in Horizon 2020

Data Management Plans (DMPs) mandatory for all projects participating in the Pilot, optional for others

DMPs are NOT part of the proposal evaluation, they need to be generated within the first 6 months of the project and updated as needed

- All proposers to submit general information on data management - evaluated under criterion 'Impact'

DMP questions:

- *What data will be collected / generated?*
- *What standards will be used / how will metadata be generated?*
- *What data will be exploited? What data will be shared/made open?*
- *How will data be curated and preserved?*



In summary

- **Open access and Digital science:** means improving efficiency, quality and impact of publicly-funded research for society and innovation in Europe.
- **Open access to publications:** a general principle in H2020. Both **Green** and **Gold** open access models are promoted. Depositing underlying data is encouraged.
- **Open access to data :** a pilot in H2020 will analyse experiences.
- **Open access policy** is not a goal in itself, but an element in promoting digital science practices for future research, education and innovation

Infrastructure support: **OpenAIRE**



www.openaire.eu

Started as an infrastructure for the EC FP7 Open Access Pilot (covering 20% of FP7 funding)

- **Harvests information of the whole FP7 publication output and generates relevant statistics (currently: 41000+ publications; 16000+ OA publications)**
- **Helpdesk & contact points in the EU Member States**
- **Repository for 'homeless' publications (Orphan repository)**
- **Is prepared to provide same support for H2020 including the Open Data Pilot (+ automatic data exchange with EC)**



H2020 - The Role of the Research Promotion Foundation

Coordinating the activities concerning the participation of Cyprus in Horizon 2020

Hosting the **NCP Network** for Cyprus and coordinating Cypriot representation in the **Programme Committees**

Collecting and processing **data** regarding Cypriot participation

The Role of NCPs at the National Level



Mailing Lists,
Websites, Info-
days, Training
Seminars, Direct
Communication



Proposal Pre-
screening,
Assisting with
Partner Search,
Resolving Queries



Based on
proposers' needs
(IPR Issues,
Consortium
Agreements, Grant
Agreements, Project
Management etc.)

Disseminating Information Assisting with Proposal Preparation Customised Support



The Role of NCPs at the EU Level

Participation in Thematic NCP Networks:

*Partner Search – Consortium
Building - **Networking***

*Transfer of **Knowledge** and **Best
Practices** to the local research
community (proposal writing, LAF issues, GA
administration)*





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Direct Helpline for Horizon 2020:

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Help Desk Email Address:

horizon2020@research.org.cy

Social Media:



<https://www.facebook.com/horizon2020cyprus>



<http://horizon2020cyprus.blogspot.com/>



Ευχαριστώ!

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