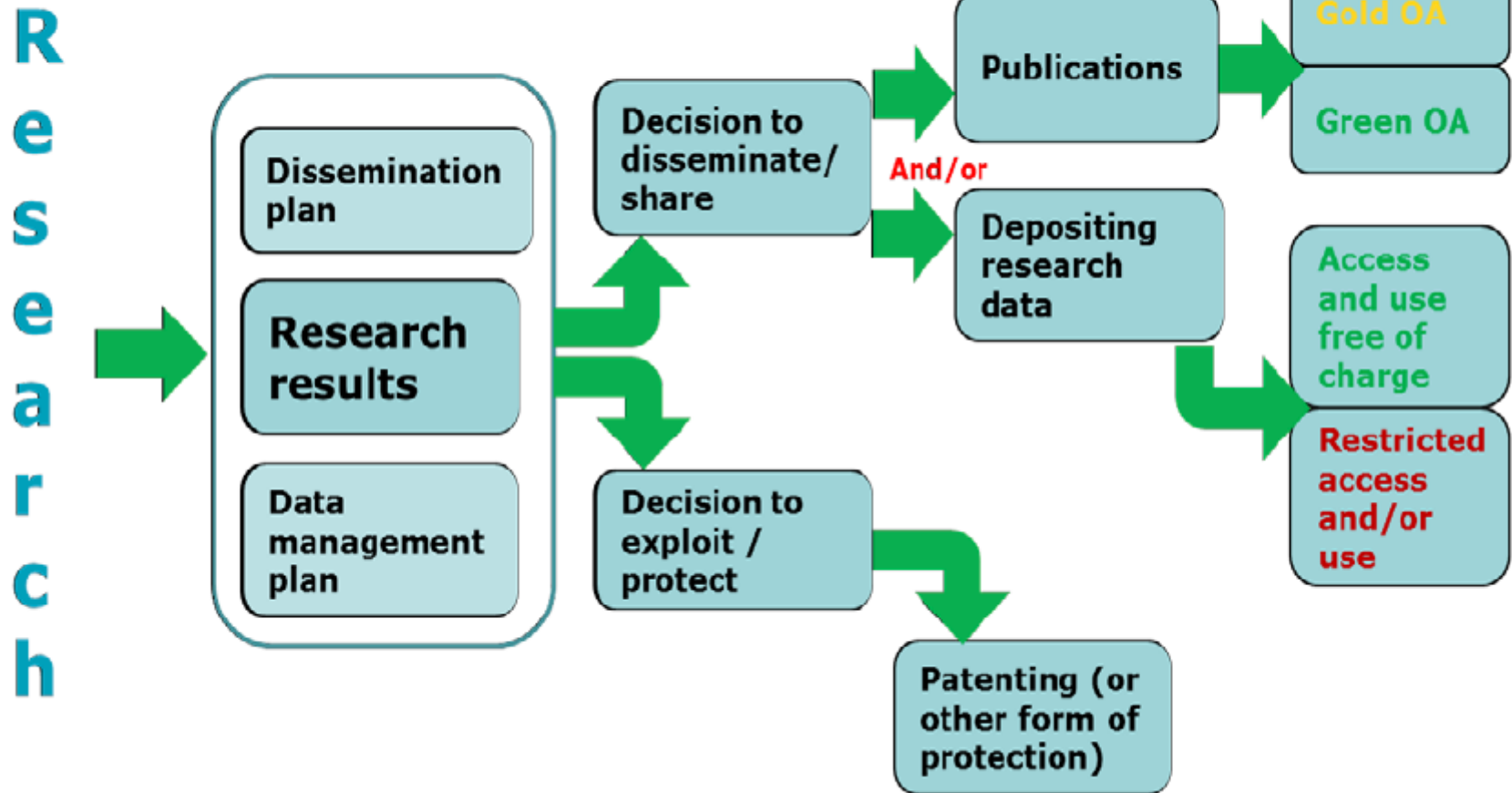


Open Access to publications and research data in Horizon 2020

Règles fixées par la Commission
Déclinaison nationale

Crédit : Céline Ramjoué, DG Connect

Graph: Open access to scientific publication and research data in the wider context of dissemination and exploitation





OA to publications mandate in H2020

Each beneficiary must ensure OA to all peer-reviewed scientific publications relating to its results:

- **Deposit** a machine-readable copy of the published version or final peer-reviewed manuscript accepted for publication in a repository of the researchers choice (possibly OpenAIRE compliant)
- **Ensure OA** on publication or at the latest within 6 months (12 for SSH)
- **Aim to deposit** at the same time **the research data needed to validate the results ("underlying data")**
- Ensure **OA to the bibliographic metadata** that identify the deposited publication, via the repository



OA to publications mandate in H2020

Routes towards OA:

- OA publishing and self-archiving considered valid and complementary routes
- Deposit into a repository also in the case of OA publishing

Costs for OA publishing:

- Eligibility of OA publishing costs during the grant (as in FP7)
- Piloting a mechanism for open access publishing after the end of the grant agreement (call EINFRA-2-2014 – eInfrastructure on open access)

Licencing:

- Encouragement to authors to retain their copyright and grant adequate licences to publishers (e.g. Creative Commons)

En pratique, au CNRS, en France

- Pourquoi compliquer les choses ?
HAL permet le dépôt pour tous, les AO institutionnelles doivent être reversées dans HAL (Convention de partenariat en faveur des archives ouvertes et de la plateforme mutualisée HAL).
- En plus, HAL est bien évidemment “*OpenAIRE compliant*” : on peut y faire figurer les références au contrat H2020 (il reste quelques ajustements à effectuer)
- Concernant les embargos : c’est contractuel...
Immédiatement. Si impossible, au maximum 6 mois, ou 12 mois pour les SHS, point.



Pilot on Open Research Data in H2020

Areas of the 2014-2015 Work Programme participating in the Open Research Data Pilot are:

- Future and Emerging Technologies
- Research infrastructures – part e-Infrastructures
- Leadership in enabling and industrial technologies – Information and Communication Technologies
- Societal Challenge: Secure, Clean and Efficient Energy – part Smart cities and communities
- Societal Challenge: Climate Action, Environment, Resource Efficiency and Raw materials – except raw materials
- Societal Challenge: Europe in a changing world – inclusive, innovative and reflective Societies
- Science with and for Society

Projects in other areas can participate on a voluntary basis.



Pilot on Open Research Data in H2020

Types of data concerned:

- Data (including associated metadata) needed to validate the results presented in scientific publications ("underlying data")
- Other data (including associated metadata) as specified in data management plan

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 (using e.g. Creative Commons licences)
- 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)

Support & monitoring to be developed



Pilot on Open Research Data in H2020

Projects may opt out of the Pilot on Open Research Data in Horizon 2020 in a series of cases:

- 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)

Data management in Horizon 2020

- **Data Management Plans (DMPs) mandatory for all projects participating in the pilot**
- **Other projects invited to submit a DMP if relevant for their planned research**
- 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?



OA in Horizon 2020: where to look

- Regulation establishing Horizon 2020 (article 18)
- Specific Programme (preamble 1.3)
- Rules for Participation (article 43)
- Work Programme 2014-15 (Introduction 1.5 and relevant areas)
- Model Grant Agreement (articles 6.2.D.3, 29.2 and 29.3)
- Annotated Model Grant Agreement (forthcoming)
- Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020
- Guidelines on Data Management in Horizon 2020
- Source for all documents: Participant Portal (reference documents)
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

Further information and help

- Horizon 2020:
<http://ec.europa.eu/programmes/horizon2020/>
- Participant Portal:
<http://ec.europa.eu/research/participants/portal/>
- Open access (Science in Society site):
http://ec.europa.eu/research/science-society/open_access
- Open access (Digital Agenda site):
<http://ec.europa.eu/digital-agenda/en/open-access-scientific-knowledge-0>
- OpenAIRE: <http://www.openaire.eu/>