



Open Science in H2020

- Please turn off your microphone during the 15 minutes presentation.
- We will be available for answering questions after the presentation: feel free to participate or to leave the meeting.

Thank you!





Open Science in H2020: requirements for H2020-funded researchers



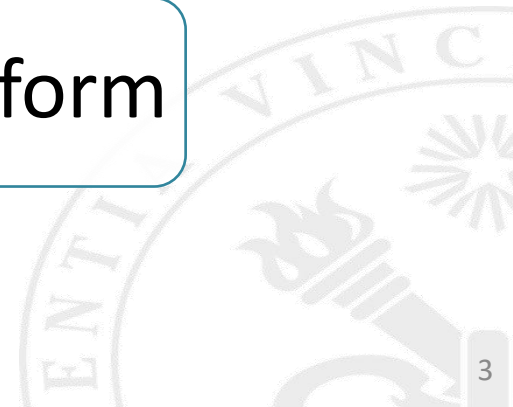
Rachel Leproult, Research Department
ulb-europe@ulb.be

and Françoise Vandooren, Department of libraries and scientific information
Francoise.Vandooren@ulb.be

May 2023



H2020 requirements



Deposit your publications in Open Access

Mandate:

- **deposit** a copy of all **peer-reviewed scientific publications** related to the project results in **a repository** for scientific publications
- **ensure open access** to the deposited publication at the latest 6 months after publication in STM, or 12 months in SSH

which publications?

- ✓ Articles, book chapters, papers in proceedings that are peer reviewed must be available in Open Access

Non peer-reviewed publications & books => deposit in Open Access is recommended but not mandated

Which version to deposit in Open Access

Submitted Version

Accepted Version

Published Version

Pre-print

Author Accepted
Manuscript (AAM)
or postprint

Version of
Record (VoR)



Draft

Submission

Peer-
reviewing

Revisions

Accepted for
publication

Copy-editing
and type-
setting

Publication



Adapted from [Library of Curtin University](#)

When and where to deposit your publications in Open Access?

When?

- **Upload** your publication to an open archive at the latest **on publication**
- Ensure **open access immediately** or at the latest **6 months** after publication **in STM** (science, technology, medicine) and **12 months in SSH** (social sciences and humanities) – indicate the end of embargo period at the time of deposit

Where?

“in a repository for scientific publications” = online open archive

- **at ULB:** you have to deposit in the **ULB Institutional repository DI-fusion**
 - to comply with [ULB Open Access policy](#) and [FWB Open Access Decree](#):
same requirements as for H2020 but apply only to articles

Am I **allowed** to upload my **articles** in Open Access to DI-fusion?

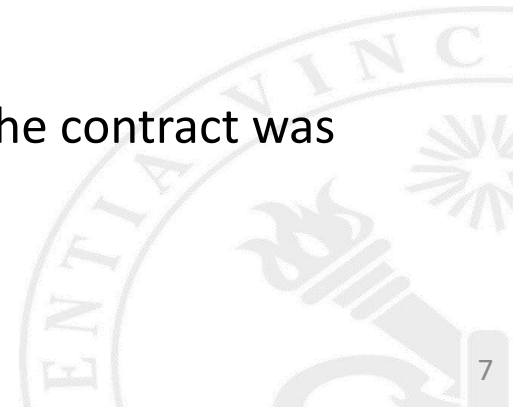
Answer: YES you have the right

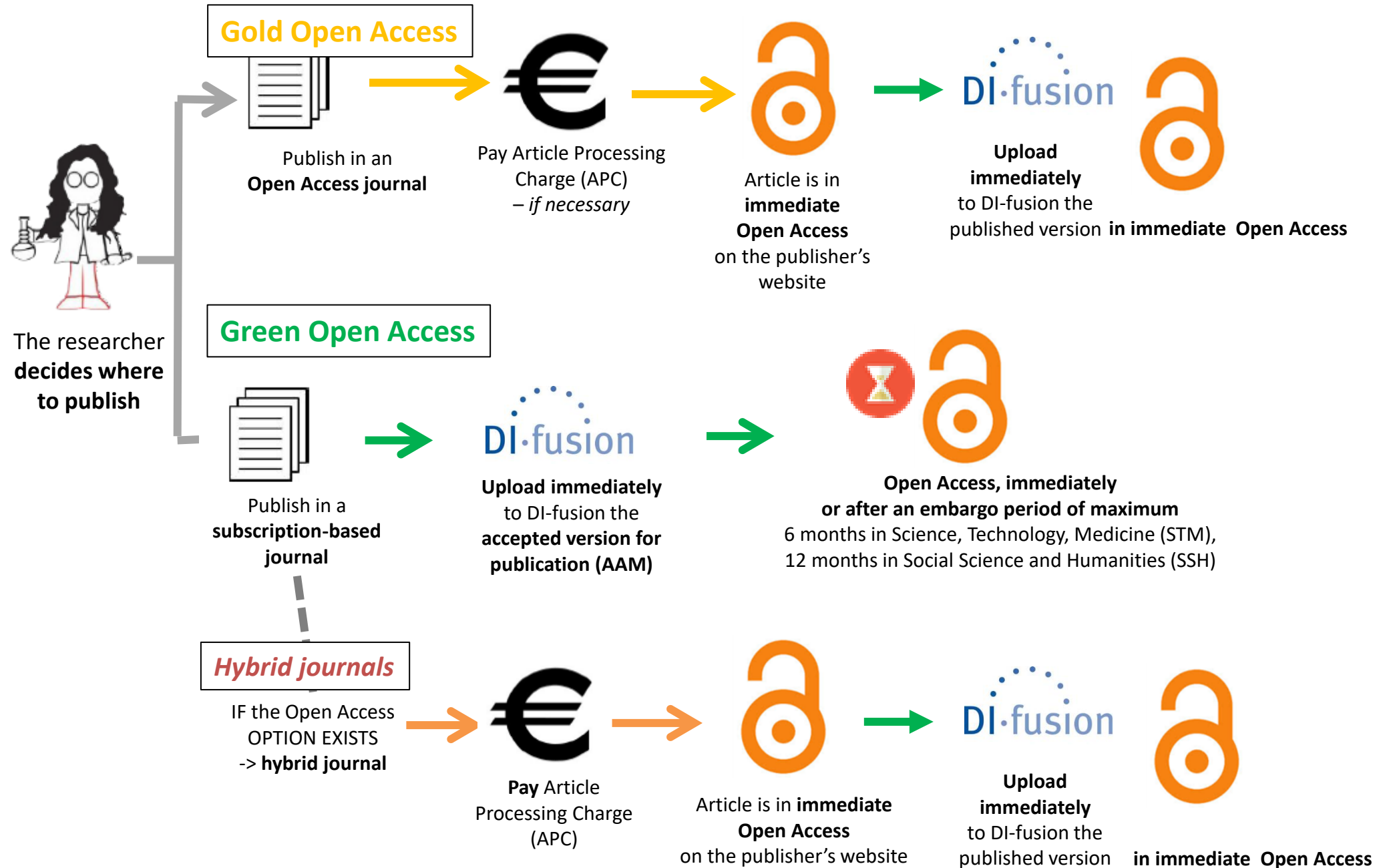
Article of law relating to the publishing contract in the Belgian Code of Economic Law [article XI.196 § 2.1](#) (2018) :

The author **RETAINS the right** to deposit their articles in **Open Access**

- Use the **version accepted** for publication (Author Accepted Manuscript)
- Respect **embargo period of minimum** 12 months after publication for social science & humanities and 6 months for other scientific disciplines
- **Regardless of the contract signed with the publisher**

« This is an imperative right; it applies regardless of the law under which the contract was signed, provided that **there is a connecting factor located in Belgium.** »





Funding for Article Processing Charges (APC) for publishing in Open Access

- [Horizon 2020:](#)
Gold & Hybrid APC : Cost eligible for reimbursement only during the duration of the project. No price cap for APCs.
- [Horizon Europe](#)
Gold APC : Cost eligible for reimbursement only during the duration of the project.
No price cap for APCs.
Hybrid APC not eligible anymore

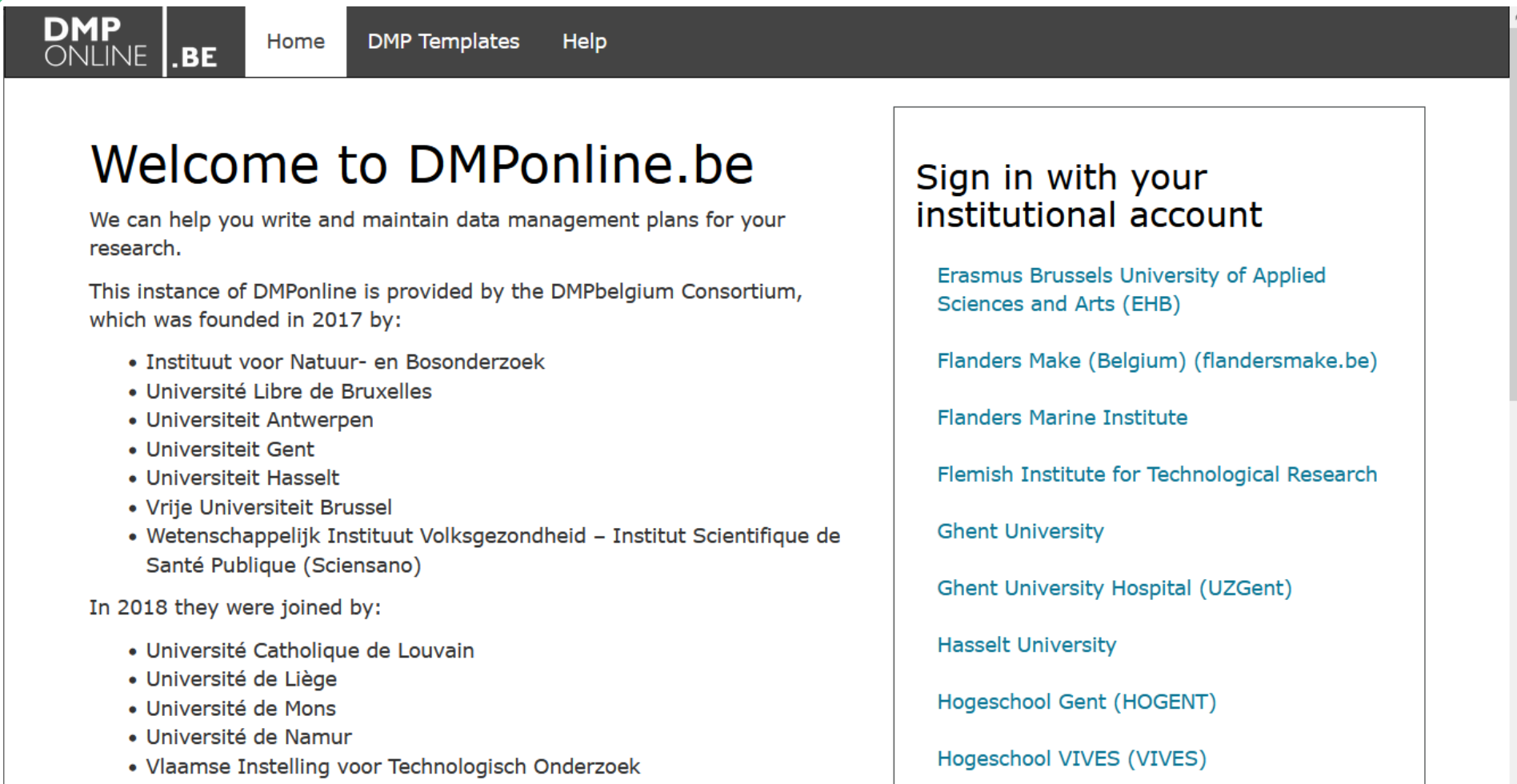
Create a Data Management Plan (DMP)

- A DMP is the very first step of good research data management
- A DMP is a **living document** specifying how research data will be handled both during and after a research project
- A DMP is useful to
 - Anticipate the challenges and difficulties to manage data
 - Save time for the future of the project
 - Help you to consider the necessary resources and costs for data management - include the costs in your grant application?

Data Management Plan - structure

- Project abstract and administrative info
- Data description/Data summary
- Documentation and metadata
- Ethical and legal issues
- Data Storage and backup (during the project)
- Data selection and preservation (after the project)
- Data sharing and reuse
- Responsibilities and resources

Data Management Plan - tool



The screenshot shows the homepage of DMPonline.be. At the top is a dark navigation bar with the logo 'DMP ONLINE .BE' and links for 'Home', 'DMP Templates', and 'Help'. The main content area is split into two columns. The left column has a large heading 'Welcome to DMPonline.be', followed by a paragraph about helping with data management plans, a list of founding institutions in 2017, and a list of institutions joined in 2018. The right column is titled 'Sign in with your institutional account' and lists ten partner institutions, each with a link to their institutional account page.

DMP ONLINE .BE Home DMP Templates Help

Welcome to DMPonline.be

We can help you write and maintain data management plans for your research.

This instance of DMPonline is provided by the DMPbelgium Consortium, which was founded in 2017 by:

- Instituut voor Natuur- en Bosonderzoek
- Université Libre de Bruxelles
- Universiteit Antwerpen
- Universiteit Gent
- Universiteit Hasselt
- Vrije Universiteit Brussel
- Wetenschappelijk Instituut Volksgezondheid – Institut Scientifique de Santé Publique (Sciensano)

In 2018 they were joined by:

- Université Catholique de Louvain
- Université de Liège
- Université de Mons
- Université de Namur
- Vlaamse Instelling voor Technologisch Onderzoek

Sign in with your institutional account

- [Erasmus Brussels University of Applied Sciences and Arts \(EHB\)](#)
- [Flanders Make \(Belgium\) \(flandersmake.be\)](#)
- [Flanders Marine Institute](#)
- [Flemish Institute for Technological Research](#)
- [Ghent University](#)
- [Ghent University Hospital \(UZGent\)](#)
- [Hasselt University](#)
- [Hogeschool Gent \(HOGENT\)](#)
- [Hogeschool VIVES \(VIVES\)](#)

Tool : <https://dmponline.be/>

Support: rdm-support@ulb.be

Data Management Plan in H2020

	H2020 (2014-2020) Open Research Data Pilot	<i>Horizon Europe (2021-2027) Mandatory</i>
Initial DMP	Month 6 (deliverable)	<i>Month 6 (deliverable)</i>
Updated DMP	Yes (final report)	<i>Yes (final report)</i>

Open access to your research data in H2020

- Beneficiaries must **aim to deposit** the **research data needed to validate the results presented in the deposited scientific publications** ('underlying data'), ideally in a data repository
- Beneficiaries do **NOT** have to grant **open access** to the deposited underlying research data — unless they are participating in the [Pilot on Open Research Data](#)
- [Guide to Open Data](#)

EUROPEAN COMMISSION DATA POLICY

FAIR data principles

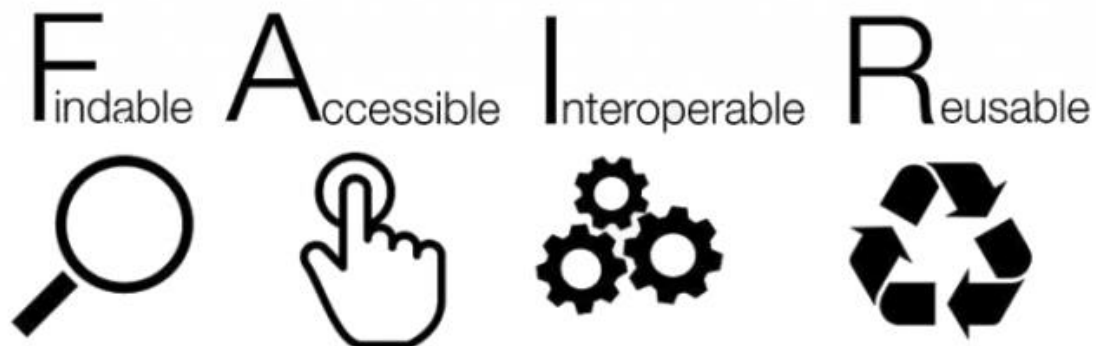
Findable - rich metadata, keywords, persistent identifier (e.g. DOI)

Accessible - data in trusted repositories

"As open as possible, as closed as necessary"

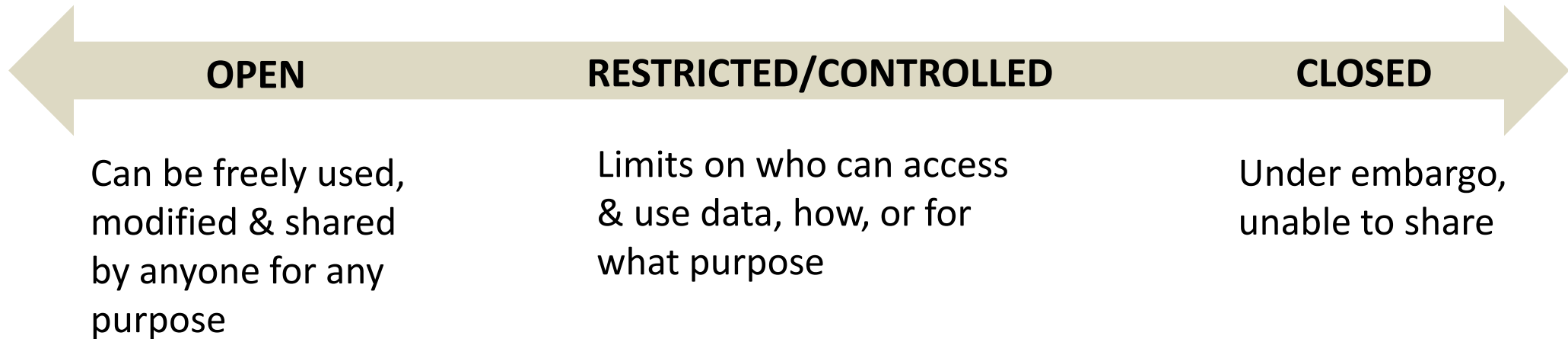
Interoperable – use recognized standards to facilitate exchanges

Re-usable – described, documented, licensed (creative commons)



FAIR vs OPEN data

“As open as possible, as closed as necessary”





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Rapid & Transparent Publishing

Fast publication and open peer review for research stemming from Horizon 2020 and Horizon Europe funding across all subject areas.

- Submissions by all H2020/Horizon Europe grantees in all disciplines, during and after the end of their grants : data and publications
- The European Commission covers the article processing charges - it is completely cost-free to publish on the platform
- [Guide to Open Data](#)

<https://open-research-europe.ec.europa.eu/>

Useful links

- [H2020 Open access & Data management](#)
- H2020 Programme Guidelines to the Rules on Open Access to Scientific Publications and Open Access to Research Data in Horizon 2020
https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf
- H2020 Programme Guidelines on FAIR Data Management in Horizon 2020
https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf
- European Commission Open Access Policy
https://ec.europa.eu/research/participants/data/ref/h2020/other/hi/oa-pilot/h2020-infograph-oa-sci-publ_en.pdf
- MSCA-NET POLICY-BRIEF: [OPEN SCIENCE](#)
- FOSTER Open Science training material <https://www.fosteropenscience.eu/>



Useful links

[DI-fusion](#), the ULB institutional repository

Information on the ULB portal:

- [Open Access at ULB](#)
- [Predatory journals](#)
- [Copyright](#)
- [DI-fusion](#)

[ULB Institutional policy on Open Access to publications](#)

[FWB Open Access Decree - Décret visant à l'établissement d'une politique de libre accès aux publications scientifiques \(Open Access\) en Fédération Wallonie-Bruxelles \(2/05/2018\) \(in French\)](#)

Code of economic law, Livre XI, Publishing contract – article on Open Access [article XI.196 § 2.1](#) (in French)

