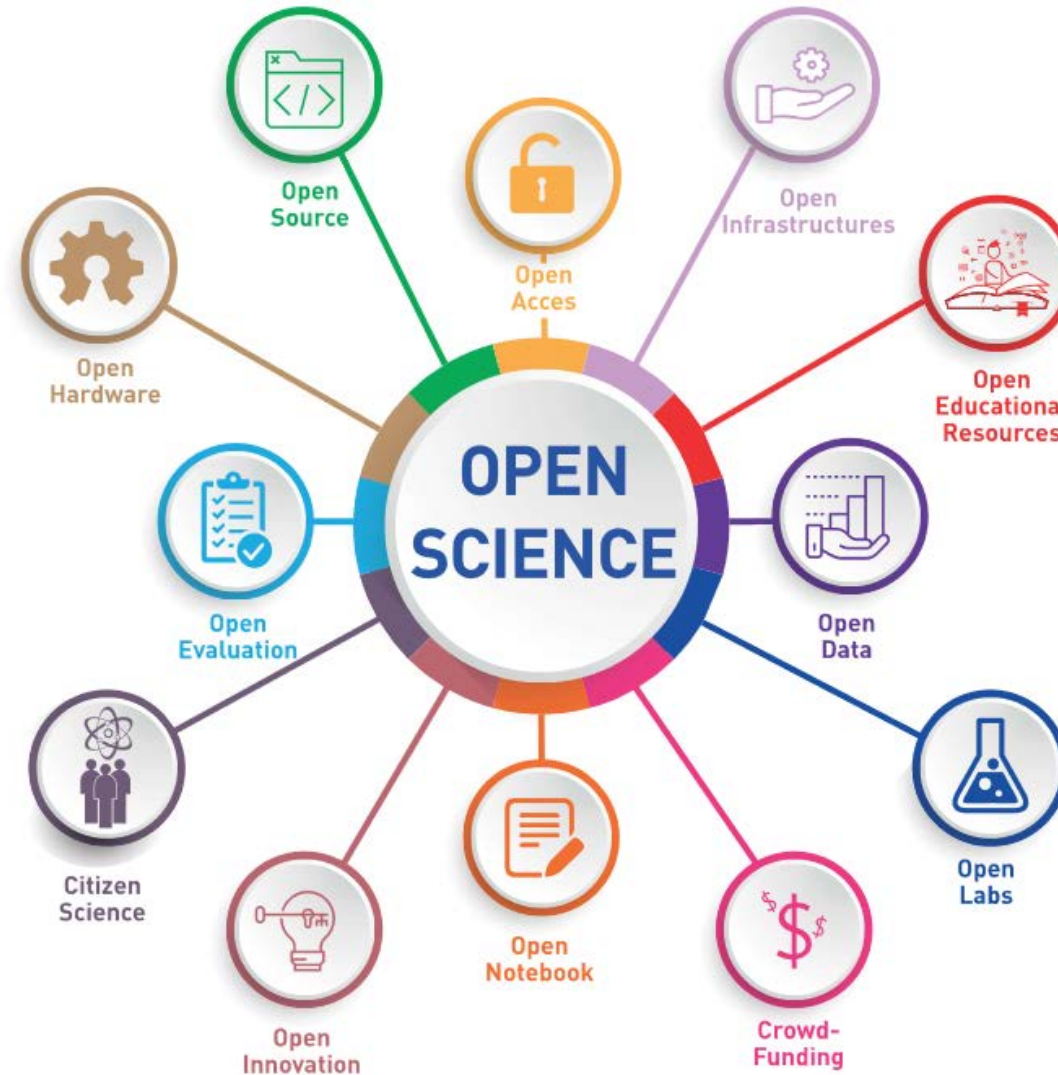


# Institutional repositories to support Open Science practices

Isabel Bagudanch  
Girona, 26th January 2024

# Open Access ≠ Open Science



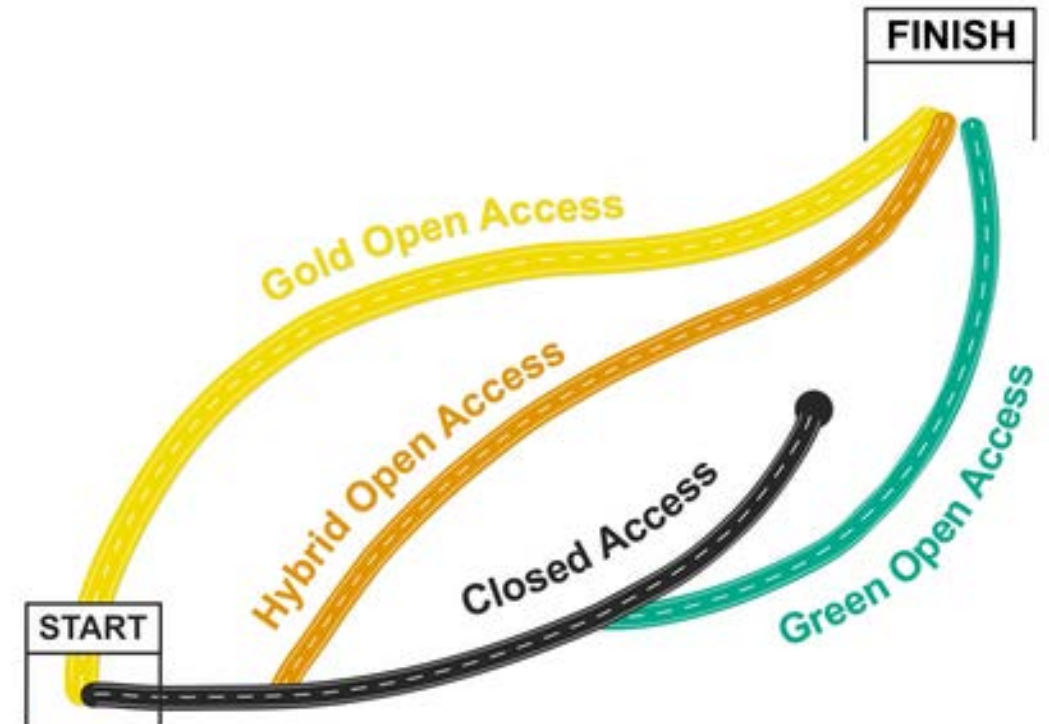


# Open Access to Publication results

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# Roads to Open Access

- ❑ **Gold Road** → results published in an Open Access journal. The access to the document is immediate and free for all on the publisher's website.
- ❑ **Green Road** → authors publish in a journal (often available by subscription) and deposit a freely accessible copy of their article in an archive of their choice
- ❑ **Hybrid Road** → authors publish in a subscription journal and pay an additional fee to make the article available in Open Access.



# How to find OA journals

- 📄 <https://www.doaj.org/> → catalogue of fully Open Access journals. Provides information regarding APC fees

## Composites Part C: Open Access

Published by *Elsevier* in **Netherlands** Accepts manuscripts in **English**

### Journal subjects

Technology: Electrical engineering. Electronics. Nuclear engineering:  
Materials of engineering and construction. Mechanics of materials

Last updated on 12 Mar 2021

[Website](#) 

APCs: 1800 (USD)







[Author doesn't retain all rights](#)

[CC BY](#), [CC BY-NC-ND](#)

- 📄 <https://www.sherpa.ac.uk/romeo/> → detailed information regarding publisher and journal open access policies (self-archive permissions, conditions of the rights given to the authors, embargo period, etc.)

# How to find OA journals

## Published Version [pathway b]



 None
  CC BY
 
  
 Any Website, Journal Website, +5

 OA Fee

This pathway has an Open Access fee associated with it

 OA Publishing

This pathway includes Open Access publishing

 Embargo

No Embargo

 Licence

CC BY





 Location

Any Website  
Institutional Repository  
Named Repository (PubMed Central, Research for Development Repository, ESRC Research Catalogue)  
Subject Repository  
Journal Website

 Conditions

Published source must be acknowledged with citation

## Accepted Version [pathway b]

 24m
  CC BY-NC-ND
 
  
 Institutional Repository, Subject Repository

 Embargo

24 Months

 Licence

CC BY-NC-ND

 Location

Institutional Repository  
Subject Repository

 Conditions

Must link to publisher version with DOI

# How to find OA journals

- 📄 <https://www.doaj.org/> → catalogue of fully Open Access journals. Provides information regarding APC fees

## Composites Part C: Open Access

Published by *Elsevier* in **Netherlands** Accepts manuscripts in **English**

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- 📄 <https://www.sherpa.ac.uk/romeo/> → detailed information regarding publisher and journal open access policies (self-archive permissions, conditions of the rights given to the authors, embargo period, etc.)
- 📄 [Open Research Europe platform](#) → only for beneficiaries of European Commission funded research projects

# How to find OA journals

- ❑ As members of UdG we have some discounts and APCs (100% funding) to publish in open access. You can check [here](#) the agreements with the main publishers.
- ❑ [List](#) of Elsevier hybrid journals and OA journals
- ❑ [https://omnia.udg.edu/discovery/search?vid=34CSUC\\_UDG:VU1](https://omnia.udg.edu/discovery/search?vid=34CSUC_UDG:VU1) → searching for a specific journal, we will know if UdG has discounts for OA publication

PUBLICA EN ACCÉS OBERT



Composite Structures

**El PDI UdG té descomptes per publicar en accés obert a la revista**

Acord amb l'editorial Elsevier



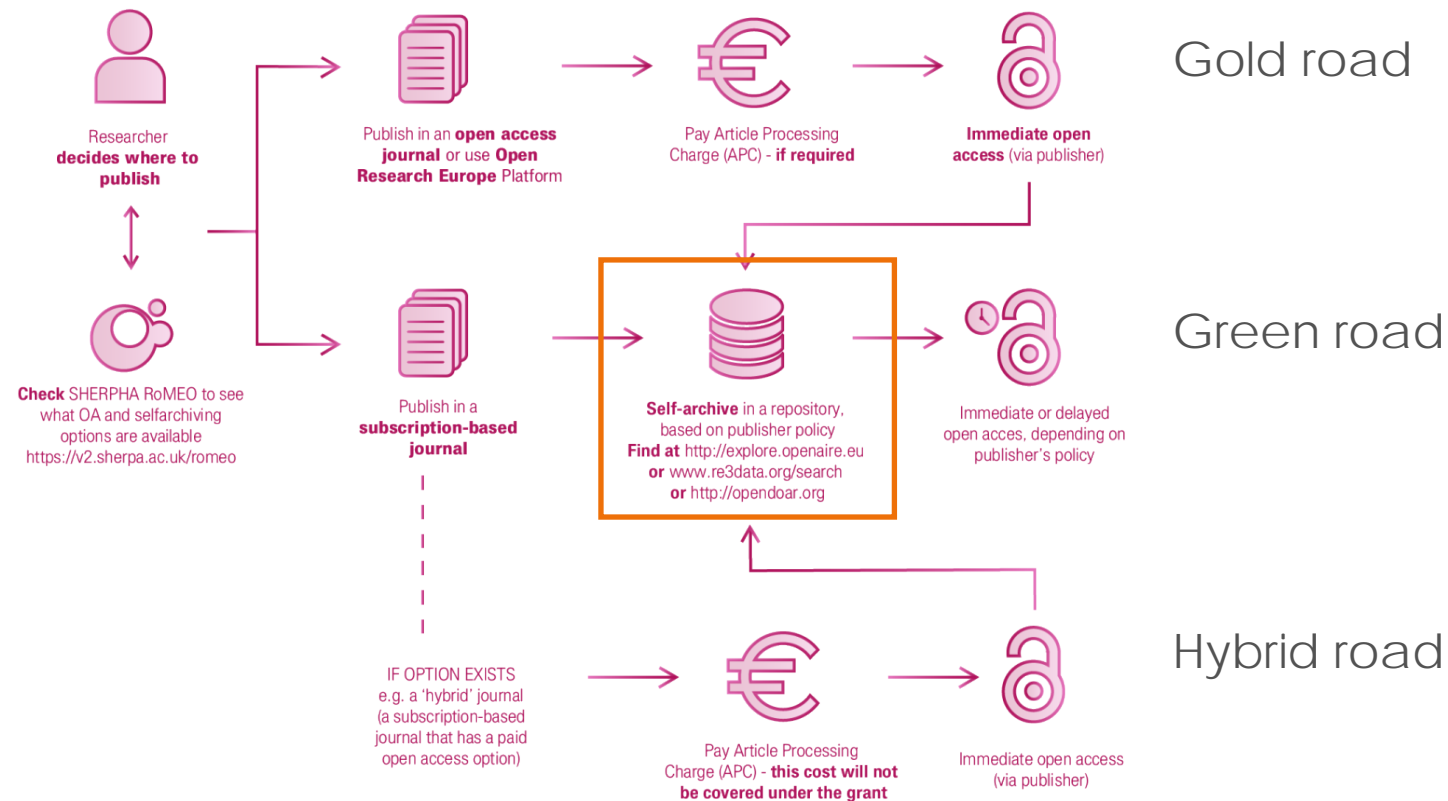
# Reminder!

- ❑ If your research is linked to a public research project remember that:
  - ❑ **Before submitting** any research publication to a journal or to a conference you should **ask permission to the consortium members** → very important in HE projects! (minimum 15 days in advance)
  - ❑ In the **acknowledgements section**, don't forget to add the acronym and reference of the project, as well as the funding body → see "Guia de gestió" of your project to know exactly the text that should appear

# How to comply with the OA mandate in HE

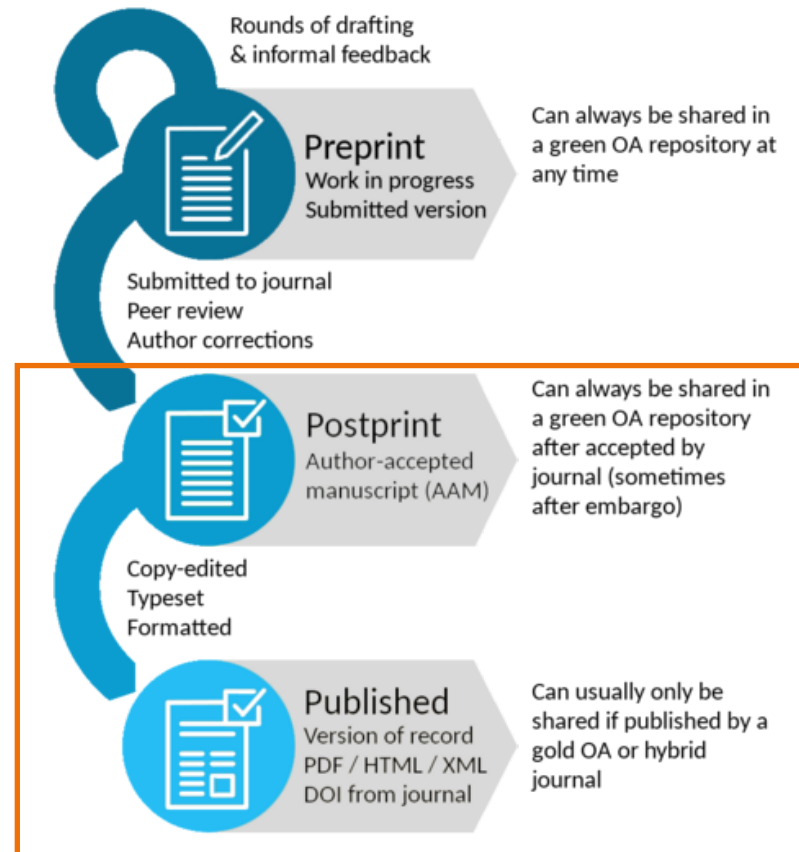
## What is required?

- All peer-reviewed scientific publications arising from Horizon Europe funding have to be made available in open access, **immediately upon publication** and with no restrictions on use, by **depositing them on a trusted repository**.



# How to comply with the OA mandate in HE

- What should I deposit on the repository?
  - Postprint version (Author-accepted manuscript, AAM) or Published version (Version of Record, VoR), depending on the conditions imposed by the publisher



# How to comply with the OA mandate in HE

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**CREATIVE COMMONS LICENSES**

	COPY & PUBLISH	ATTRIBUTION REQUIRED	COMMERCIAL USE	MODIFY & ADAPT	CHANGE LICENSE
PUBLIC DOMAIN	✓	✗	✓	✓	✓
CC BY	✓	✓	✓	✓	✓
CC BY-SA	✓	✓	✓	✓	✗
CC BY-ND	✓	✓	✓	✗	✓
CC BY-NC	✓	✓	✗	✓	✓
CC BY-NC-SA	✓	✓	✗	✓	✗
CC BY-NC-ND	✓	✓	✗	✗	✓

You can redistribute (copy, publish, display, communicate, etc.)  
 You have to attribute the original work  
 You can use the work commercially  
 You can modify and adapt the original work  
 You can choose license type for your adaptations of the work.

**i**

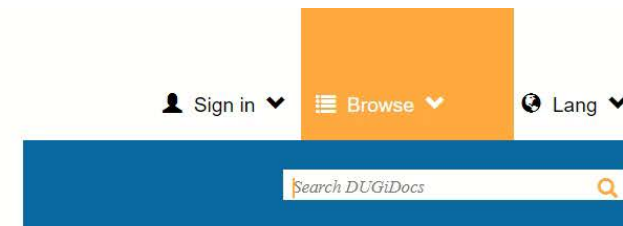
Publications have to be licensed under **CC BY**.  
**CC BY-NC/ND** are allowed for long-text formats

Metadata of deposited publications must be licensed under **CC0**, in line with FAIR principles, including information about:

- Publication (authors, title, date of publication, publication venue)
- HE funding
- grant project name, acronym and number
- licensing terms
- Persistent identifier, PID (doi, handle, etc)

# How to comply with the OA mandate in HE

- ❏ Which repository should I use?
  - ❏ <https://zenodo.org/> → widely used. Suitable for those organizations that do not have an institutional trusted repository
  - ❏ <https://dugi-doc.udg.edu/> → UdG institutional repository. One of the most well-recognized repositories in Spain.

The logo for DUGiDocs, featuring a blue square with a white circle and a blue dot inside, followed by the text "DUGiDocs" in a bold, blue, sans-serif font.

🏠 / *Community List*

## Communities in DSpace

Select a community to browse its collections.

- ▶ **Docència** [731]
- ▶ **Institucional** [351]
- ▶ **Publicacions** [4060]
- ▶ **Recerca** [11933]
- ▶ **Treballs de recerca, TFG, PFC, TFM, etc.** [5153]

# How to comply with the OA mandate in HE

❏ Which repository should I use?

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Personal websites and databases, publisher websites, as well as cloud storage services (Dropbox, Google drive, etc) are not considered repositories.

Academia.edu, ResearchGate and similar platforms do not allow open access under the terms required and are **NOT** considered repositories.

# How to comply with the OA mandate in HE

How to upload a publication in DUGiDocs repository?

Using [GREC](#), [curricul@](#) → [here](#) you can find a guide on how to upload a paper in GREC

The screenshot shows the DUGiDocs repository interface. On the left, the sidebar includes 'Eines/Utilitats' and 'Novetats'. The main content area displays 'Dades de l'article' with fields for Clau, Any, Caràcter, Autors, Títol, and Revista. The right-hand panel shows 'Informació del registre' with fields for Identificador, Ordre, and Ordre Rellevància, and a 'Recerca' button. Below this is the 'Dades per al Dipòsit Digital de la UDG' section, which includes a 'Política d'autoarxiu (2015): permet el dipòsit de la versió PUBLICADA' and an 'Adjuntar el document' button. An orange arrow points from the 'Resultats' section in the sidebar to the 'Publicacions en revistes' section in the article details. Another orange arrow points from the 'Adjuntar el document' button to a list of publications below.

**Publications list:**

- The Spanish Journal of Psychology*  
Política d'autoarxiu (2014): permet el dipòsit de la versió PUBLICADA ?
- Journal of Animal Ecology*  
Política d'autoarxiu (2014): permet el dipòsit de la versió POSTPRINT ?
- Investigaciones Geográficas*  
Política d'autoarxiu (2014): DESCONEGUDA. Tanmateix, podeu adjuntar-hi la versió POSTPRINT. Si disposeu d'aquesta informació, si us plau poseu-vos en contacte amb l'Oficina de Difusió del Coneixement (odc@ub.edu). ?



# Open Access to research data

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# Research Data – FAIR principles

## FINDABLE

Unique identifiers and metadata are used to allow data to be located quickly and efficiently



## ACCESSIBLE

Data is open, free and universally available for research discovery efforts



## INTER-OPERABLE

A common programming language is used to allow use in a broad range of applications



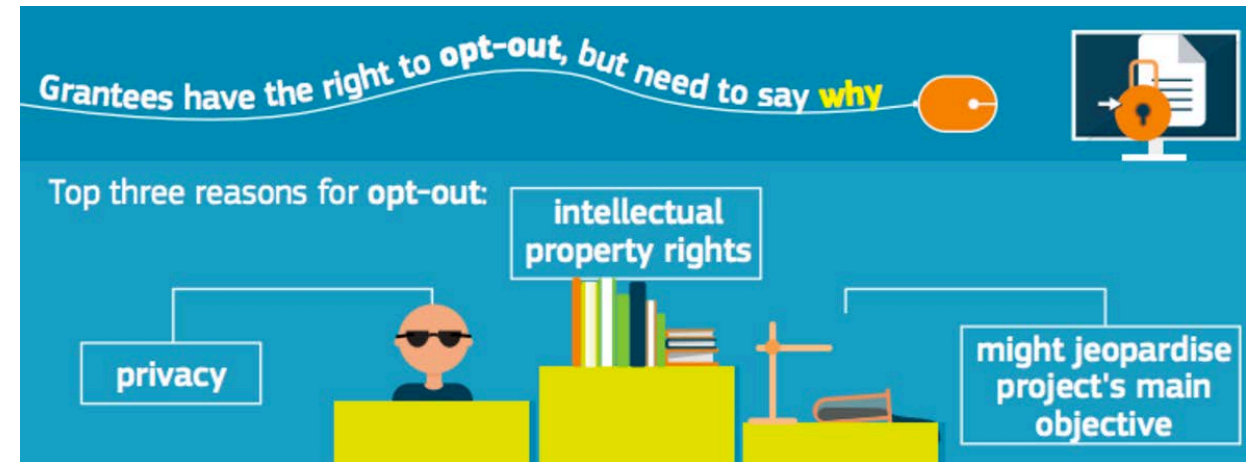
## REUSABLE

All data is clearly described and outlines associated data-use standards



# As open as possible, as closed as necessary

- There can be exceptions to open access to research data



**i**

Research data must be licensed under **CC0** or **CC BY**.

Metadata of research data must be licensed under **CC0**, in line with FAIR principles, including information about:

- Datasets (description, date of deposit, authors)
- HE funding
- grant project name, acronym and number
- licensing terms
- Persistent identifier, PID (doi, handle, etc)

# Which repository should I use?

 CORA.RDR → <https://dataverse.csuc.cat/dataverse/UdG>



Home About Search ▾ User Guide Metrics Contact English ▾ Log In

 Contact  Share

La **Universitat de Girona** és una institució pública que s'integra en el sistema d'universitats públiques catalanes, excel·leix en la docència i en la recerca i participa en el progrés i el desenvolupament de la societat, mitjançant la creació, transmissió, difusió i crítica de la ciència, la tècnica, les humanitats, les ciències socials i de la salut i les arts. És motor econòmic i cultural del seu entorn, i expressa la vocació d'universalitat i d'obertura a totes les tradicions, avenços i cultures del món.

Al llarg dels anys s'ha reforçat l'oferta acadèmica amb un augment de l'alumnat (de 7.000 estudiants el 1992 a 14.000 el 2016), una intensificació de la recerca i de la presència internacional i en el territori, i una expansió dels campus, ara situats al centre de la ciutat, a Montilivi i al Barri Vell.

The **University of Girona** is a public institution and part of the Catalan public university system. It is devoted to excellence in teaching and research and involved in social development and progress through the creation, transmission, dissemination and criticism of science, technology, the humanities, the social and health sciences and the arts. It is an economic and cultural driver of the region with a universal mission and it is open to all the world's traditions, advances and cultures.

Over the years has been strengthened of the academic offering with an increase in the number of students (from 7,000 in 1992 to 14,000 in 2016), more research and a greater presence both internationally and in the region, as well as the expansion of the campuses, now located in the city centre, Montilivi and Barri Vell.



Search this dataverse...



Advanced Search

# Which repository should I use?

❏ CORA.RDR → <https://dataverse.csuc.cat/dataverse/UdG>

## ❏ Steps

- ❏ Access with your UdG account
- ❏ Deposit your datasets (including the README file)
- ❏ Curation of the data → specialists from the library will manage, organize and maintain the data to meet the FAIR principles, create standardized metadata descriptions for datasets, quality control, etc.

## ❏ Benefits:

- ❏ Files can be converted into open formats for long term preservation
- ❏ Increased FAIRness of the datasets with the help of data curation staff
- ❏ Huge capacity, up to 100GB for dataset (with the possibility of increasing it under request)
- ❏ Long-term preservation (minimum 10 years)
- ❏ You can update the datasets and make any versions as necessary



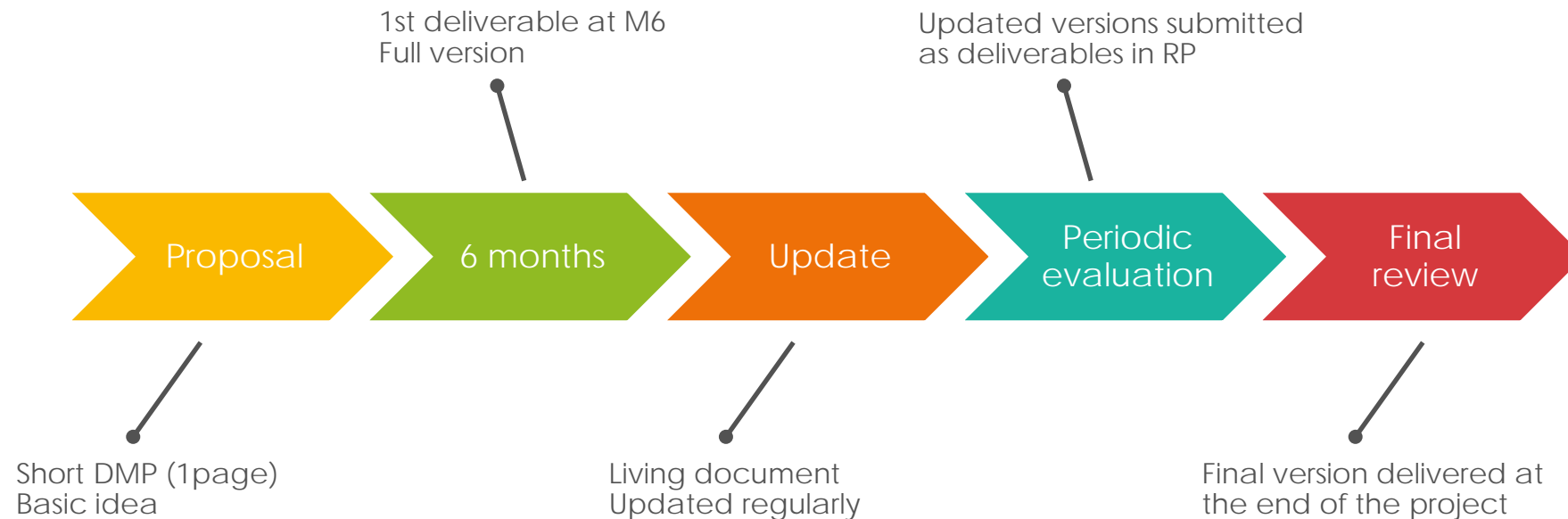
# Data Management Plan (DMP)

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# What is a DMP?

- ❑ A document that outlines, from the start of the project, how research data will be handled during and after the project.
- ❑ It is mandatory to comply with the Research Data Management requirements in HE.

## ❑ DMP Timeline



# How to write a DMP

- 🖨️ EINA.DMP → <https://dmp.csuc.cat/>
- 🖨️ We can create a DMP based on the AEI or HE templates.
- 🖨️ It is a collaborative platform, we can edit the document with other consortium members
- 🖨️ It has guidelines and examples for all the sections

Project Details Contributors Plan overview **Write Plan** Research Outputs Share Request feedback Download

expand all | collapse all 0/21

- 1. Data summary (0 / 6) +
- 2. FAIR data (0 / 4) +
- 3. Other research outputs (0 / 2) +
- 4. Allocation of resources (0 / 4) +
- 5. Data security (0 / 2) +
- 6. Ethics (0 / 1) +
- 7. Other issues (0 / 1) +
- 8. Further support in developing your DMP (0 / 1) +



2. FAIR data (0 / 4)

2.1. Making data findable, including provisions for metadata

B I [bulleted list] [numbered list] [link] [table]

Save

EC example answer  
3874

Guidance Comments

EC

expand all | collapse all

2.1.A Will data be identifies by a persistent identifier?

Explain how the data and metadata are assigned to a globally unique and eternally persistent identifier (DOI, Handle...).

Example

Ex. CORA.RDR All data will be made openly available through CORA.RDR, a trusted institutional data repository. Every dataset will be assigned a Digital Object Identifier (DOI), to make them citable and persistently available. In the case of tabular data, a Universal Numerical Fingerprint (UNF) is also generated. The repository provides a unique URL to access the document with the format `https://dataverse.csuc.cat/dataset.xhtml?persistentId=doi:10.34810/dataXXX`.

1. The repository assigns [Handle/DOI] for persistent identification and citability of the dataset.



# Conclusions

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## To sum up...

- ❏ In GREC, check your publications and deposit a copy of your papers. The aim is to gather all of our scientific production in the AMADE collection in DUGiDocs!
- ❏ Whenever possible, share your research data (experimental tests, scripts, methods, etc) with the scientific community.
- ❏ Do not hesitate to contact the library for any doubts you may have, they are willing to help.
  - ❏ Brigit Nonó [biblioteca.projectes@udg.edu](mailto:biblioteca.projectes@udg.edu)
- ❏ For further information, join these seminars! [+info](#)

How to create a DMP using EINA.DMP		How to publish research data in CORA.RDR	
21/02/24	9-10h	06/03/24	9-10h
19/06/24	13-14h	03/07/24	13-14h
13/11/24	16-17h	11/12/24	16-17h



<http://amade.udg.edu>

[testlab.amade@udg.edu](mailto:testlab.amade@udg.edu)



Part of:

