

Research projects and Open Science? Start from the proposal!

The approach of the Library University of Lille

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The University of Lille

- ❖ A multi-disciplinary institution
- ❖ Merging of three pre-existing universities in 2018
- ❖ 3 600 researchers
- ❖ 75 000 students
- ❖ Projects:
 - ❑ 80 new ANR projets in 2019
 - ❑ 30 ongoing H2020 projects

Open Science and the Library

- ❖ From 2013
- ❖ A dedicated Open Science service from 2020
- ❖ 9 people (4 FTE):
 - ❑ 6 open access contact point
 - ❑ 3 data managers

The library's role

- ❖ Dedicated to ANR and H2020 projects
- ❖ Started on the Sciences and Technology campus (2017)
- ❖ Extended on the other campuses from (2018-2019)

Number of supported projects

- ❖ Individual support:
 - ❑ > 65 grant proposals writing (2018-2020)
 - ❑ >15 ongoing projects

- ❖ Collective training sessions (2019-2020):
 - ❑ 9 sessions
 - ❑ \simeq 100 attendees

Why do we support projects?

Why supporting projects?

- ❖ Reaching from 5 to over 50 researchers at a time
- ❖ Funders requirements are a good motivation
- ❖ A middle-term approach: 3 to 7 years
- ❖ OS trainings can be planned as a deliverable

Why at such an early stage?

- ❖ Be identified as the Open Science contact point
- ❖ Open Science needs to be anticipated:
 - Discuss Open Science strategy
 - Plan OS actions and requested resources

Open Science into projects

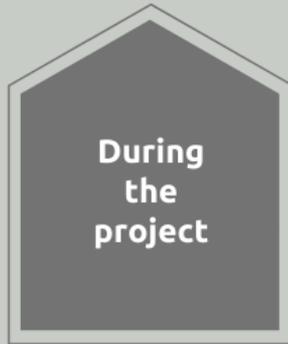
- Final DMP update
- Selecte, preserve and share data

Project end



- Update the DMP
- Disseminate publications into an open-access repository
- Monitor data management

During the project



- Harmonize names, protocols and documentation
- Write the DMP

Project start



Proposal writing



- Determine the Open Science objectives

Project submission



- Develop an Open Science strategy
- Identify requested means



GTSO-Couperin 2020

https://commons.wikimedia.org/wiki/File:Open_Science_into_projects.png

We do

- ❖ Individual interview with the coordinator
- ❖ Contribution to the proposal:
 - ❑ Add OS actions in the project management WP
 - ❑ Risk management (data loss...)
 - ❑ Ethics issues: ethics self-assessment
 - ❑ Dissemination strategy
 - ❑ Identify support services (DPO...) and requested means (data storage, APC...)

We do not

Contribute on administrative and scientific aspects
Support projects in which Un. Lille is not coordinator
Take part to meetings with all the partners (at this stage)

We do

Support project coordination:

- ❖ Present OA requirements during project meetings
- ❖ Identify OA repositories for project partners
- ❖ Answer to project officer request and to the consortium members' questions

Monitor compliance with OA:

- ❖ Make sure the publications are disseminated in a relevant manner
- ❖ Manage publications reporting on **OpenAIRE** and on the **EU Participant portal**
- ❖ Meet annually with the coordinator for OA check-up

We do not

Contact partners directly

Upload publications into a repository

We do

Support project coordination:

- ❖ Present RDM requirements during project meetings
- ❖ Meet with the coordinator when necessary
- ❖ Answer to project officer request and to the consortium members' questions

Support RDM activities:

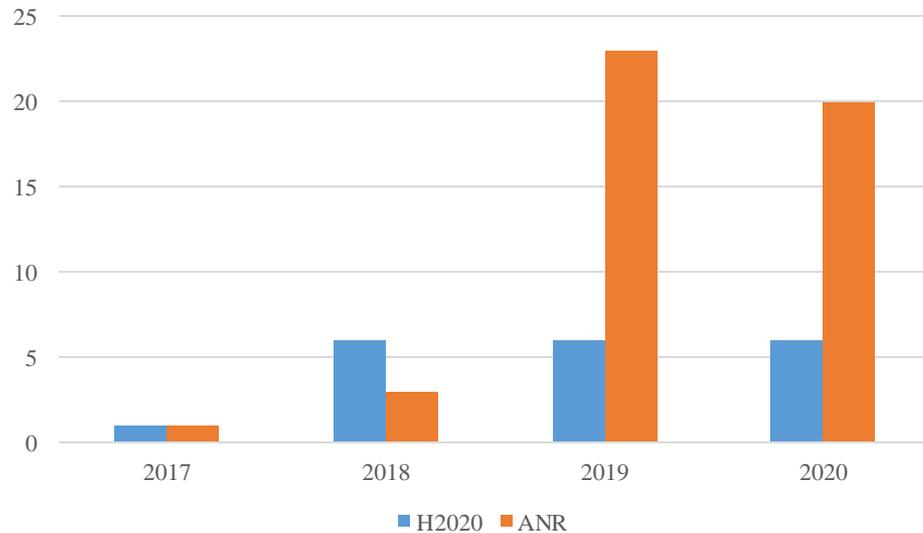
- ❖ Have an interview with the coordinator and produce a draft DMP
- ❖ Send this 1st version to partners with guidance and institutional contact when it exists ([SOS-DMP](#))
- ❖ Review the final DMP

We do not

Manage data for researchers

Upload data sets into a repository

Evolution of the number of proposals individually supported



The ANR set up new open science requirements for projects funded in the **call for proposals 2019 and onwards**

→ Since resources do not grow as fast as the number of projects, a less time consuming approach is necessary

Three kind of training sessions:

- ❖ Include Open Science in a grant proposal
- ❖ Comply with open access requirements
- ❖ How to write a data management plan

Key points:

- ❖ Training are offered to projects in which our researchers are either partners or coordinators
- ❖ Individual DMP reviewing is proposed for projects which took part to the training
- ❖ Webinars are a good way to reach coordinators disseminated on the different campuses

Individual support versus collective training

Individual support

Benefits

- Enables truly personalized support
- Interaction with all the consortium
- Allows to be really part of the project
- Facilitates long-term monitoring
- Support that goes beyond writing the PGD

Disadvantages

- Time consuming
- No exchange of good practices with researchers from other projects

Collective training

Benefits

- Support for a large number of projects in a limited amount of time
- Allows interaction between projects from different disciplines with exchange of practices

Disadvantages

- Does not allow to go into the details of projects
- Support limited to the implementation of the DMP
- More limited ability to bring partners into an open science perspective

Two complementary approaches

Develop the library role

- ❖ Connect with other research projects support services: grant office, IT, DPO...
- ❖ Make our expertise recognized at all steps of projects, including the application process

A new public

- ❖ Research teams leaders



Age: **53**

Nb of publications*: **283**

H-index*: range from **27** to **130**

Nb of citations*: **>12 500**

8 H2020 project coordinators

* Data from Scopus (June 2019)

Improving your ANR project thanks to Open Science,
[10.5281/zenodo.3769971](https://doi.org/10.5281/zenodo.3769971) ([summary](#))

How to include Open Science in a grant application ?

- ❖ **Work plan:** transform Open Science good practices into tasks and deliverables
- ❖ **Participants:** identify existing Open Science skills (consortia and support services)
- ❖ **Budget:** request for the missing means to do appropriate Open Science
- ❖ **Impact:** define an ambitious and realistic Open Science Dissemination strategy

couperin.org
Consortium Unifié des Établissements Universitaires et
de Recherche pour l'Accès aux Publications Numériques

**Improving your ANR project thanks to Open
Science**

Guide produced by the Research Data Working Group of the GTSO-Couperin
April 2020
Version 2
DOI: [10.5281/zenodo.3769971](https://doi.org/10.5281/zenodo.3769971)

Learn more about what we do

Poster presented at the Open Science Conference 2019 of Berlin

Slides presented at the LIBER 2019 Annual Conference, 2019

The embedded research librarian: a project partner, LIBER Quarterly (2019)

INCLUDING OPEN SCIENCE TO RESEARCH PROJECTS SINCE THEIR SUBMISSION: A LIBRARY PERSPECTIVE

Romain Féret¹ and Marie Cros¹

WHAT WE SEE

Funders such as H2020 or the French Agency for Research require that funded projects disseminate publications in open access and write a data management plan. Since the project's open science strategy is not assessed at the submission stage, few project coordinators consider these aspects that early.

WHY IT IS A PROBLEM

This lack of anticipation may lead to poor open science practices and can create difficulties in the project management, such as:

- Sharing of responsibilities for open science obligations are unclear
- Open science costs are not budgeted
- Partners do not agree on the level of data sharing

WHAT WE PROPOSE

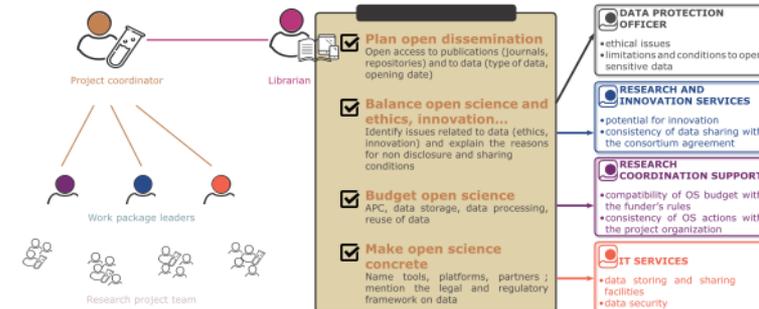
Our Library has implemented a service dedicated to research projects in order to:

- Ensure open science is included in submitted projects as goals, deliverables, resources...
- Support research projects in implementing their OS commitments
- Help them report on their open science activities during and at the end of their project

SUBMISSION STEP

SUPPORT PROJECTS ...

... IN COLLABORATION WITH:



DURING THE PROJECT



Université de Lille

Open Science

¹ Library of the University of Lille

Féret, Romain, & Cros, Marie. (2019, March). Including open science in research projects since their submission: a library perspective. Zenodo. <http://dx.doi.org/10.5281/zenodo.2347089>

Poster designed by Cécile Verbeke

Questions?
Feedback?

Thank you for your attention

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