

# Creating synergies for Open Science at Université libre de Bruxelles

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University of Edinburgh

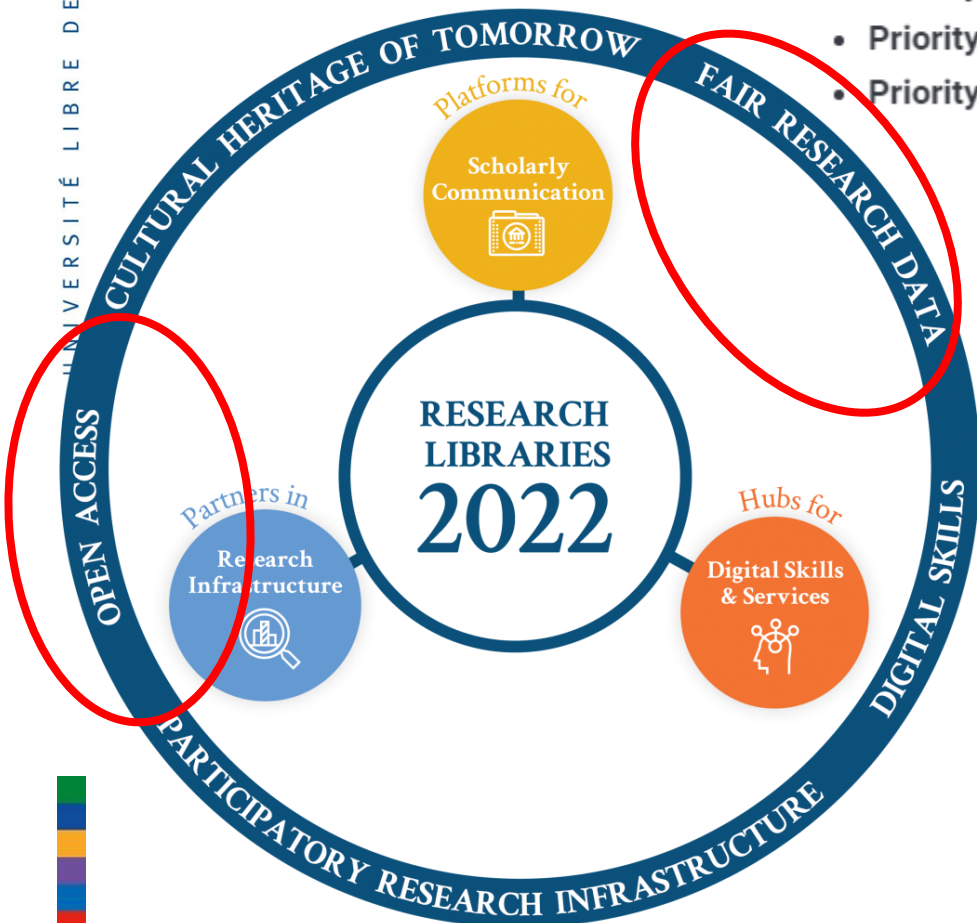


- Research support at European university libraries
- ULB libraries collaboration with the Research department



## Research Data Management Working Group Priorities

- **Priority #1:** Publish an annotated library of Data Management Plans;
- **Priority #2:** Run Webinars on key Research Data Management topics;
- **Priority #3:** Produce a FAIR Data Factsheet.



Implementing FAIR  
Data Principles:  
The Role of Libraries

LIBER Strategic directions

<https://libereurope.eu/strategy/>



# RESEARCH DATA SERVICES in European Academic Research Libraries

**one hundred and nineteen libraries**

FROM 22 COUNTRIES TOOK OUR SURVEY. ALMOST ALL SAID THEY CURRENTLY OFFER CONSULTATIVE RESEARCH DATA SERVICES, OR WILL IN THE NEXT TWO YEARS.



of libraries discuss Research Data Services with others on campus

VS



which currently have policies relating to Research Data Services

**TWO-THIRDS**

OF LIBRARY DIRECTORS STRONGLY AGREE: **LIBRARIES NEED TO OFFER RESEARCH DATA SERVICES TO REMAIN RELEVANT**

## WHY THIS IS IMPORTANT

THIS IS IMPORTANT



Increasing amounts of scientific data are being collected, stored, analyzed and shared globally.

Solid Research Data Management is essential to ensure the transparency of scientific research, to preserve and reuse data, and to advance knowledge.

Academic libraries can help, and this LIBER survey shows what is currently being done across Europe.



**91%**

collaborate within their institution regarding Research Data Services, and 77% collaborate with other institutions



OF LIBRARY DIRECTORS SAY THAT LOSING DATA PUTS FUTURE SCHOLARSHIP AT RISK

**39%**



provide data storage

“RESEARCH DATA IS INCREASINGLY SEEN AS AN **ESSENTIAL PART** OF THE SCHOLARLY RECORD.”

[www.libereurope.eu](http://www.libereurope.eu)

Ligue des Bibliothèques Européennes de Recherche  
Association of European Research Libraries

DataONE







ULB

Founded 1834

12 faculties

30 000 students

3600 researchers and  
teachers

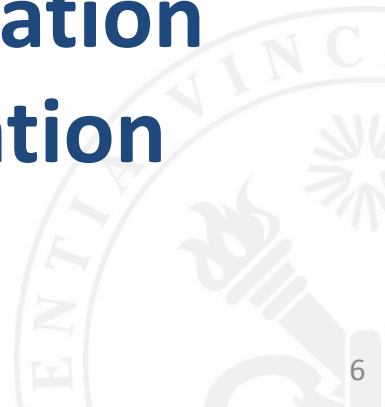
2000 PhD candidates

30 doctoral schools





# Collaboration between the Department of libraries and scientific information and the Research administration department





# Collaboration related to Open Science

- Doctoral education: training on Open Access, copyright, bibliometrics...
- Post-doc training (COFUND): tailor made programme – Open Science thought provoking sessions
- EURAXESS HRS4R: Libraries responsible for 7 objectives related to Open Science





# Collaboration related to Open Science

## With the EU research office:

- [DMPonline.be](https://dmponline.be)
- Research Data Management working groups on institutional policy; infrastructure; support
- Open Access compliance of ERC funded researchers







# Compliance of ERCs' publications on the EU Participants Portal

Grant Management Project Continuous Report

714605 (VADEMECOM) ERC-STG

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION  
**HORIZON 2020**

Call: ERC-2016-STG  
Topic: ERC-2016-STG  
Unit: ERCEA/C/01

Summary for publication

Deliverable Ethics, DMP, Other Reports

**Publications**

Disseminat...

Patents (IPR)

Open Data

Gender

ABS Regulation

**Publications**

This project does not currently have any scientific publication

**Suggested publications from OpenAIRE (0 publications)**

Include previously discarded publications

... has been added for this project yet

**Project publications (24 publications)**

No.	Type	Title	Authors	Title of the Journal/Conference	Number, date or freq. of the Journal/Proc./B	DOI	Repository Link
1	Article in J.	On the role of mixing models in the	Ferrarotti, Zhiyi Li, Alessa	Proceedings of the Combustion Institute		10.1016/j.proci.2018.07.043	
2	Article in J.	Principal component	Mohammad Rafi Malik	Combustion and Flame	187	10.1016/j.combustflame.2018.09.008	
3	Article in J.	Large Eddy Simulation	Zhiyi Li, Alberto Cuoci	Proceedings of the Combustion Institute		10.1016/j.proci.2018.09.033	
4	Article in J.	Assessment of On-the-fly	Zhiyi Li, Michal	Energy & Fuels	32/10	10.1021/acs.energyfuels.8b01001	
5	Article in J.	Finite-rate chemistry modelling of non-conventi	Zhiyi Li, Marco Ferrarotti, Albert	Applied Energy	225	10.1016/j.apenergy.2018.04.085	
6	Article in J.	Comprehensive numerical study of the Adelaide	Zhiyi Li, Alberto Cuoci, Amsini Sa	Energy	139	10.1016/j.energy.2017.07.132	
7	Article in J.	Finite-rate chemistry modelling of non-conventi	Zhiyi Li, Alberto Cuoci, Amsini Sa	Energy Procedia	142	10.1016/j.egypro.2017.12.608	
8	Publication	Large Eddy Simulation of Cambridge Turbulent S	Zhiyi Li, Pascal Gruhlke, Andreas	14th International Workshop on Measure			
9	Publication	Numerical Investigation of Lifted Turbulent Flan	Zhiyi Li, Rihab Mahmoud, Amsini :	12th International ERCOFTAC Symposiu			
10	Article in J.	PCA and Kriging for the efficient exploration of	Gianmarco Aversano, John Camil	Proceedings of the Combustion Institute		10.1016/j.proci.2018.07.040	

Fantastic, thank you very much for your help!!!

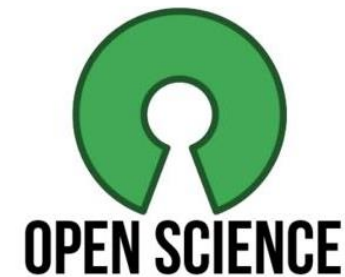
Un très grand merci!

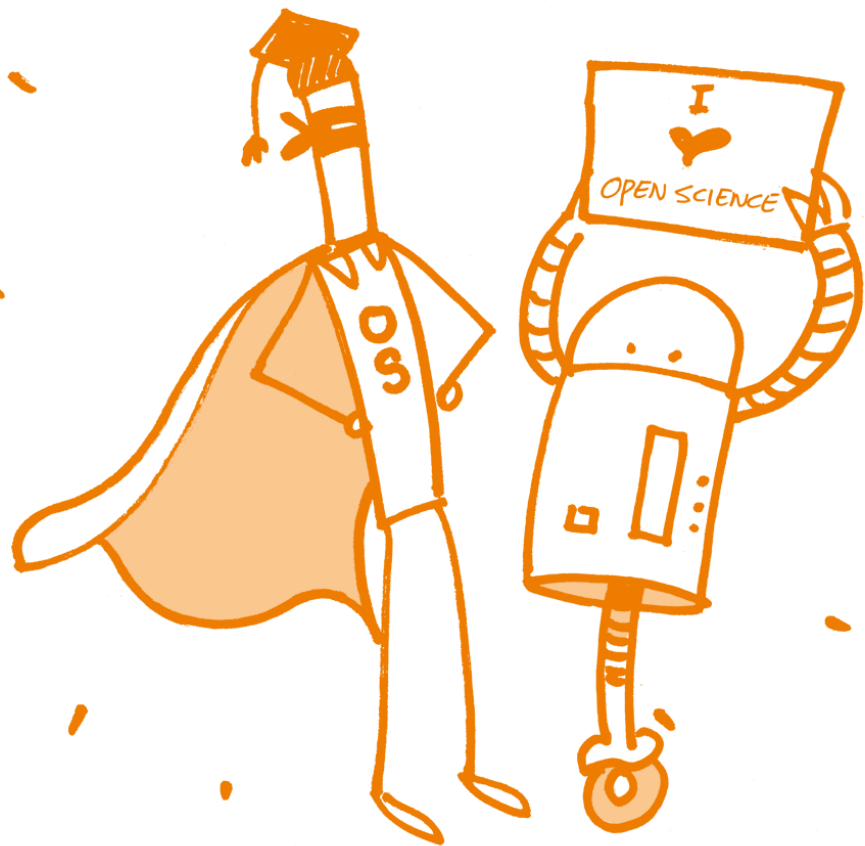


# Collaboration related to Open Science

**With the EU research office:  
international Open Access week 2019**

- [Mini Open Science Fair](#)  
organized on 23 October 2019  
with VUB
- [Playing the Open Science  
game](#)





**Libraries and  
EU research office  
=  
Real partners in  
promoting and  
developing Open  
Science culture and  
practices**

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# Questions?

# Thank you!

