

Open Science Meet-Up
18.05.2022

The University of Paris 8's Open Science Pole

Goran Sekulovski
goran.sekulovski@univ-paris8.fr



Presentation Outline

1. Open Science in France, key dates
2. Why Open Science Pole at Paris 8?
3. Paris 8 Open Science Pole: main axes and evaluation
4. Institutional Organization of Open Science Pole
5. Open Science Pole's multi-year plan
7. In summary

Open Science in France Key Dates



- The concept of "open science" officially introduced by the European Commission as early as 2014.
- May 27, 2016 - the conclusions of the EU Council confirming that the notion of "Open Science" covers citizen science, alongside Open Access, ORD (Open Research Data) and scientific integrity.
- 2016 - launch in the European H2020 framework of open access to research publications and data for everything funded by H2020.
- May 3, 2016 - France adopts The law for a Digital Republic "La loi pour une république numérique"

➤ First National Plan for Open Science “Plan national pour la Science Ouverte” (2018)

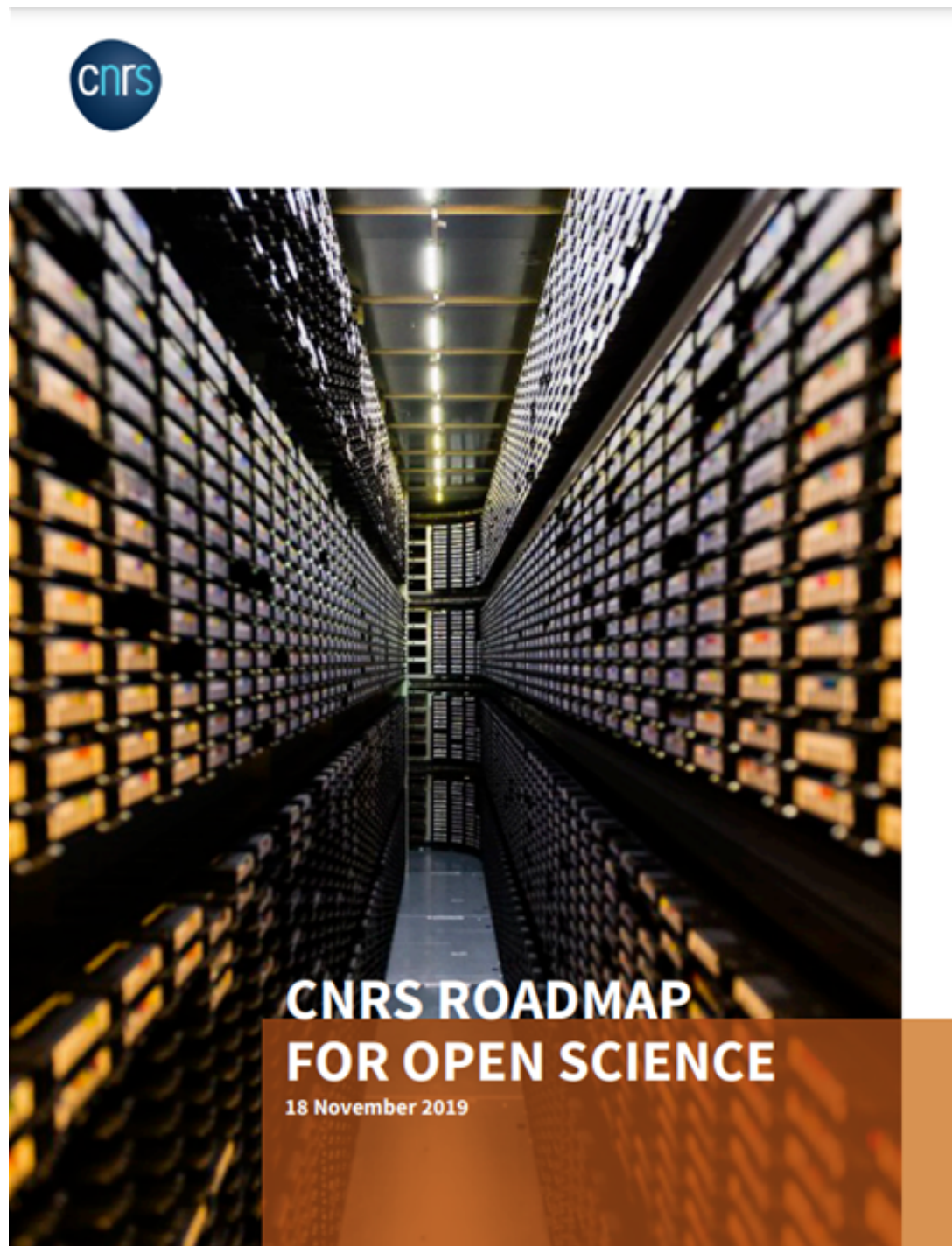


Open science is the practice of making research publications and data freely available. It takes advantage of the digital transition to develop open access to publications and, to the fullest extent possible, to research data.



The French National Centre for Scientific Research (CNRS) Roadmap for Open Science

“Feuille de route du CNRS pour la science ouverte” (2019)



1 | PUBLICATIONS

Objective: Scholarly publications written and produced by CNRS researchers and financed mainly from public funds must be 100% accessible and reusable during the term of this roadmap. Copyright must not be transferred.*

2 | RESEARCH DATA

Objective: Data (raw data, texts and documents, source codes and software) produced by CNRS researchers or using resources implemented by the CNRS must, as far as possible, be made accessible and reusable. This is according to the FAIR principles for the consolidation of knowledge essential for the development of a more efficient research. The data should be “as open as possible, as closed as necessary”.

» Second French Plan for Open Science “2ème Plan national pour la Science Ouverte ” (2021)



Path One

Generalising open access to publications

8

Path Two

Structuring, sharing and opening up research data

12

Path Three

Opening up and promoting source code produced by research

16

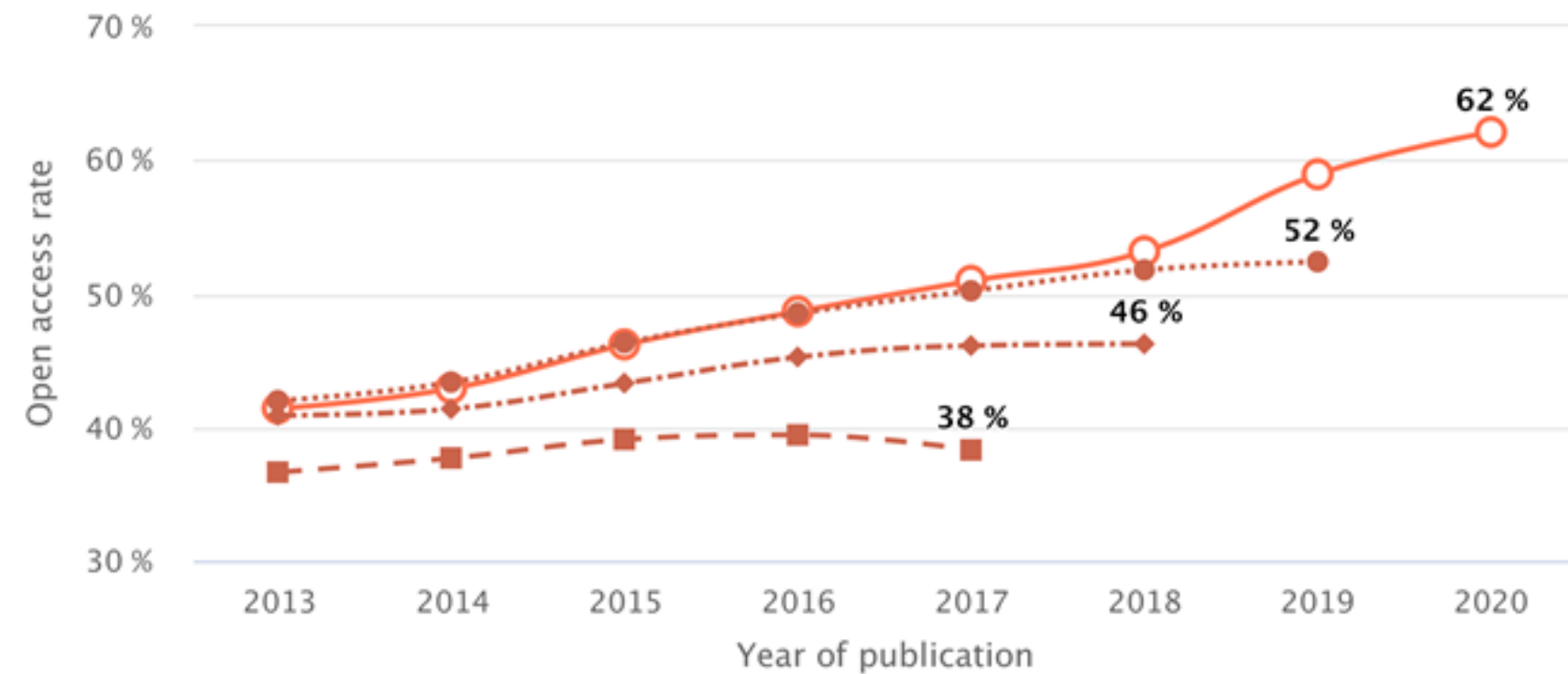
Path Four

Transforming practices to make open science the default principle

20

Open Access uptake

Evolution of the open access rate of scientific publications in France by year of observation



Observation dates

○ 2021 ● 2020 ◆ 2019 ■ 2018

French Open Science Monitor, Sources : Unpaywall, MESRI



Growth
(all fields)
2020-2021

+10 points

Although the numbers may vary from country to country, open access is on its way to become the dominant publishing model for research articles.

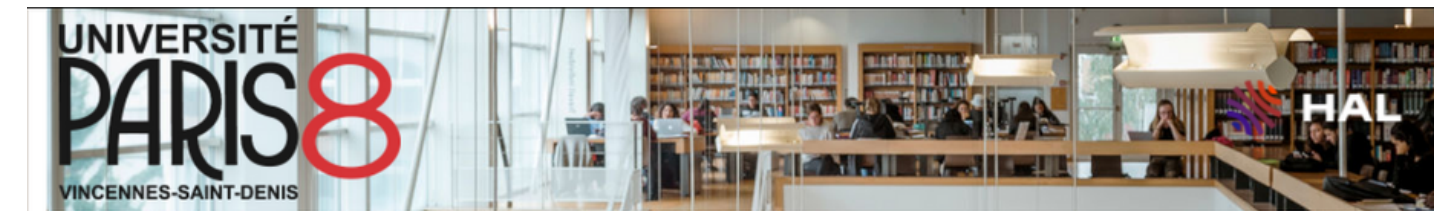


Open Science Pole

- Why Open Science Pole at Paris 8?
- Paris 8 Open Science Pole: main axes and evaluation
- Institutional Organization of Open Science Pole
- Open Science Pole's multi-year plan

➤ Two emblematic and ambitious projects:

Our Open Archive HAL Paris 8 since 2012



Data Paris 8 research data repository and dissemination project since 2020





Open Science Pole at Paris 8: Why?

- Structure the university's Open Science-related services
- Increase the visibility of Paris 8 Open Access publications in the academic world
- Make sure Paris 8 meets the requirements of both French (ANR) and European standards (Horizon Europe)
- Strengthen the university's position in the Open Science movement
- Enhance the dissemination of Open Science-related awareness within the territory Ile de France in terms of Citizen and Participatory Science



Open Science Pole at Paris 8: missions

Our aim : the most uniform and efficient
quality of service



Display a global and resolute
policy in the service of scientific
advanced and societal issues

Provide research and research
support staff with its expertise
on the issues of open science
and scientific publishing

Support them in the
management of their research
data

The project was presented and validated by the
University's Research Commission on April 21, 2022



Open Science Pole

- Why Open Science Pole at Paris 8?
- **Paris 8 Open Science Pole: main axes and evaluation**
- Institutional Organization of Open Science Pole
- Open Science Pole's multi-year plan



Open Science Pole at Paris 8: 4 area of work

- Axis 1: Supporting open access publishing and dissemination
- Axis 2: Understanding research data, from data design to data management
- Axis 3: Inform, train and support the research community in the issues and mastery of open science
- Axis 4: Popularization and mediation of science



Open Science Pole at Paris 8: Evaluation

Our aim: reconsider the individual evaluation of researchers.

Include the following four principles in the evaluation criteria:

- The results themselves need to be evaluated
- Researchers must explain the scope, impact and personal contribution that they have made to each of the productions cited in the evaluation files
- It must be possible for all types of production to be evaluated
- All outputs cited in the evaluation records must be accessible on HAL Paris 8

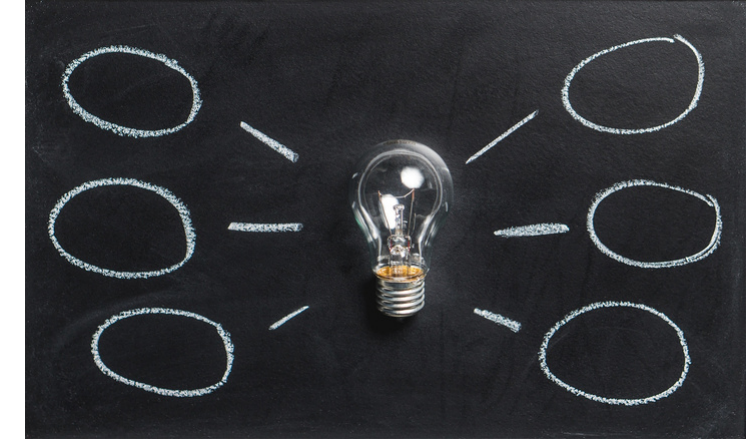


Open Science Pole

- Why Open Science Pole at Paris 8?
- Paris 8 Open Science Pole: main axes and evaluation
- **Institutional Organization of Open Science Pole**
- Open Science Pole's multi-year plan



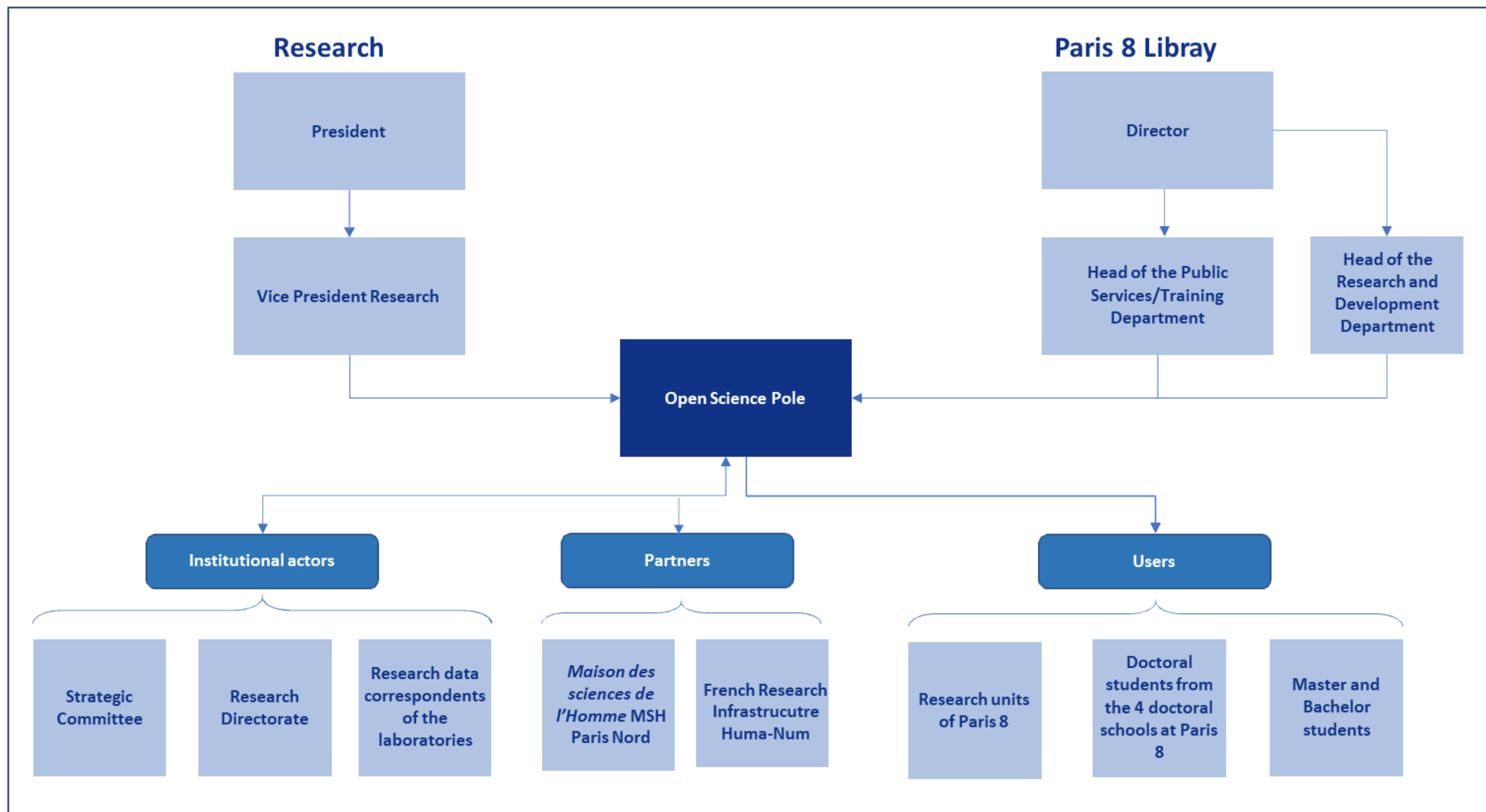
Institutional Organization of Open Science Pole



- A strategic committee: VP Research, VP Digital, Director of Research Services, Director of university Library.
- A network of actors: University Library, Research Department, Academic publisher "Presses Universitaires de Vincennes" - PUV, Doctoral schools, network of "Research data and open science" correspondents
- Four operational groups reflecting the four axes: Opening of scientific publications (SCD), Opening of scientific data and training (SCD), Open scientific publishing (PUV, Research Directorate), Popularization and scientific mediation (Research Directorate).
- Partner: French Research Infrastructure Huma-Num
- Meetings: Operational groups will meet 4 times per year. The strategic committee will meet once a year.



Organization of the Open Science Pole



Members of the operational groups



- 1. Opening of scientific publications: *Sophie Crepin, Arthur Hénaff, Anna Acquistapace, Goran Sekulovski*
- 2. Opening of scientific data and training: *Goran Sekulovski, Everardo Reyes, "Research data and open science" correspondents from laboratories, Doctoral schools*
- 3. Open scientific edition: *Damien de Blic, Zoulikha Bendahmane*
- 4. Popularization and mediation of science: *Baudoin Tauvel, Romain Bijcard, Kamila Bouchemal*



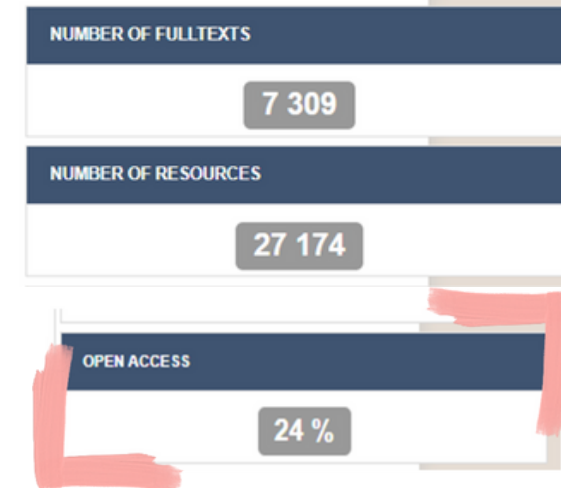
Open Science Pole

- Context: Why Open Science Pole at Paris 8?
- Paris 8 Open Science Pole: main axes and evaluation
- Institutional Organization of Open Science Pole
- **Open Science Pole's multi-year plan**



Targets

2024:



- To reach 50% of the publications deposited in full text in HAL (today 24%)
- Increase documentary budgets in support of open access publishing
- Provide a consistent service offering on research data and make half of university's research units aware of the need to deposit data in institutional repository Nakala.
- Develop a range of training courses that cover the major themes of Open Science and ensure that 100% of PhD students follow an open science awareness course

Targets

2027:

- To reach 70% of the publications deposited in HAL Paris 8
- 20% of total subscription expenditure to be directed towards actions in support of open science
- Make all Research Units aware of the data deposit in the institutional repository Nakala
- To offer an evolving range of training courses on open science and scientific integrity and to have trained 100% of doctoral students and a good proportion of master's students via practical "open science" workshops

Title	Deposit date	Order by
Paris 8/EA 4004 : Cognitions humaine et artificielle (CHArC)Corpus DYS	3/22/22	
Data Paris 8	4/6/21	
Paris 8/EA 4004 : Cognitions humaine et artificielle (CHArC)	2/06/21	
Paris 8/UMR 7023 : Structures formelles du langage (SFL)	2/06/21	
Paris 8/EA 353 : IFG-LAB	2/06/21	
Paris 8/EA 3388 : Centre d'Études sur les médias, les technologies et l'internationalisation (CEMTI)	2/06/21	
Paris 8/UMR 8238 : Laboratoire d'études de genre et de sexualité (LEGS)	2/06/21	
Paris 8/UMR 7217 : Centre de recherches sociologiques et politiques de Paris (CRISPPA)	2/06/21	
Paris 8/EA 349 : Paragraphe	2/06/21	



2032:

- To modify in depth the nature (content rate), the uses (open access copies) and the structure (rate of perennial resources) of the resources coming from the commercial editorial offer.
- To maintain HAL Paris 8 at the level of the international recommendations of the Coalition of Open Access Repositories (COAR)
- Adopt new ways of producing and using research data in research practices in a broad and shared manner.
- Reaching the goal of 100% of researchers at the University of Paris8 trained in open science practices



Targets





Paris 8 Open Science Pole:

- **Transparency:** to better understand how research is progressing, to allow other researchers to reproduce experiments or reasoning
- **Scientific integrity:** fighting plagiarism, fabrication of data or falsification of data
- **Democratization:** to allow scientists and society (decision-makers, practitioners, citizens...) to have access to scientific knowledge and to reuse its tools and results



In summary



Contact

**Goran
Sekulovski**

**Research Data
project manager**

ORCID : 0000-
0002-3850-1199

goran.sekulovski@univ
-paris8.fr

+331 4940 6956