


The Nanterre Experience

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<https://science-ouverte.parisnanterre.fr/>

Focus on Open Science

Chapter xxxviii

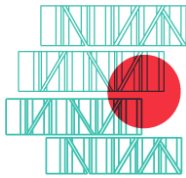
27th September 2022

10.5281/zenodo.7115904

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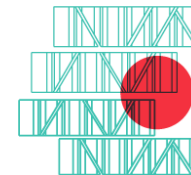




<https://www.parisnanterre.fr/>

<https://university.parisnanterre.fr/>

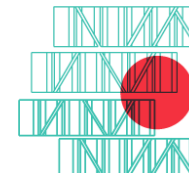
<https://youtu.be/xtHfог4SUNs>



Open Science at the université Paris Nanterre

The Open Science Team

<https://science-ouverte.parisnanterre.fr/>
science-ouverte@liste.parisnanterre.fr



L'université s'engage pour la science ouverte !

À L'UNIVERSITÉ PARIS NANTERRE ▼

OUVERTURE DES PUBLICATIONS ▼

OUVERTURE DES DONNÉES ▼

SE FORMER ▼

AGENDA ▼

University Presidential team

<https://www.parisnanterre.fr/organisation/la-presidence/equipe-presidentielle-1>

Geneviève Bergonnier-Dupuy, Vice-provost for Research

Véronique Champeil-Desplats, Delegated Vice-provost for Research

Research support services

<https://recherche.parisnanterre.fr/>

Isabelle Autran, Director

Nathalie Reymonet, Open science project manager

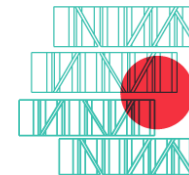
Library research support services

<https://bu.parisnanterre.fr/>

Cécile Swiatek, Library Director

Manon Le Guennec, Head of Research support services at the university library

Values



Dissemination of knowledge

Sharing academic and scientific **knowledge**

Openness

Liability

Collaboration

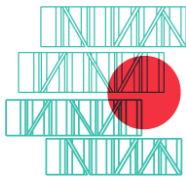
Accessibility to all

Quality of welcome



<https://www.parisnanterre.fr/presentation/brochure-institutionnelle>

<https://www.parisnanterre.fr/presentation/brochure-institutionnelle>



Collaborative thinking

Partnering

Collaborative strategic designing

Key message

The development of the université Paris Nanterre Open science strategy has been built by a **collaborative team**.

This method helped strengthening collaborations between institutional actors and with some institutional partners.

Think, plan, design... before you start build

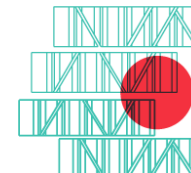
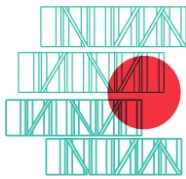


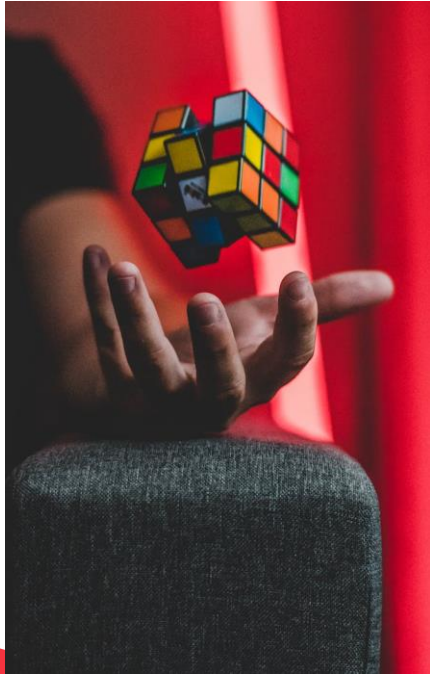
Photo de Diva Playalaguna sur Pexels:
<https://www.pexels.com/fr-fr/photo/gens-soutien-conceptuel-puzzle-6147363/>

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A contextualised strategy - 1/3

Being part of an ecosystem



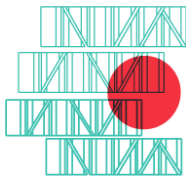
An Open science strategy aligned with the French **national policy**

previously presented by Julien Roche in this Chapter xxxviii of Focus on Open Science

<https://www.ouvrirlascience.fr/second-national-plan-for-open-science-npos/>

Open science is part of the **Paris Nanterre overarching strategy**

<https://www.parisnanterre.fr/presentation/contrat-detablissement>



A contextualised strategy - 2/3

Stronger together

Building on what already exists at Paris Nanterre

Identifying and monitoring our forces

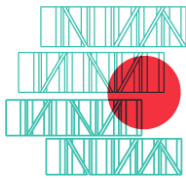
Engaging people to go further - together

Building from previous *ad hoc* collaborative successful experiences between Research key players

Identifying **inspiring strategies and methods** all over Europe & the world

Learning from other institutional experiences : key successes, major pitfalls, words of wisdom

Designing **our own methodology**



A contextualised strategy - 3/3

Considering useful shared resources

Good practice, sharing major texts

<https://science-ouverte.parisnanterre.fr/strategie-science-ouverte/les-textes-de-reference-1>

https://www.zotero.org/groups/2340674/liber_digital_skills_for_open_science/library

LIBER Swiatek, Cecile. (2019). LIBER Digital Skills Working Group: **Case Studies on Open Science Skilling and Training** Initiatives in Europe.

<https://doi.org/10.5281/zenodo.3901485>

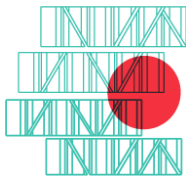
<https://zenodo.org/record/3901485>

Swiatek, Cécile, McCaffrey, Ciara, Meyer, Thorsten, Svenbro, Anna, Brinken, Helene, Egerton, Frank, Wojciechowska, Anna, & Clavel, Karin. (2020). LIBER Open Science **Training Methods and Practices Across European Research Libraries - Survey Analysis.**

<https://doi.org/10.5281/zenodo.3903142>

<https://zenodo.org/record/3903142>

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<https://zenodo.org/record/7115904>

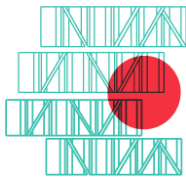


Organisational inclusive method by design => addressing sustainability issues

Key messages

In order to design and implement a **coherent service** in a **sustainable way**, according to a bold and **prospective vision**, it has been necessary to **break our framework of professional silos and rethink the traditional missions**.

The choice to build our strategy on a **close articulation between the political vision, decision-makers and the operational teams** has been decisive. To us, this is a major key for success.



Processes : consultation, decision, adjustment, convening meetings, scaling-up

Keeping up the pace

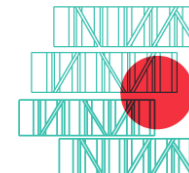
Always a as team



<https://www.parisnanterre.fr/presentation/brochure-institutionnelle>

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The Paris Nanterre *Charter for Open science*



<https://science-ouverte.parisnanterre.fr/strategie-science-ouverte/la-charte>

https://www.parisnanterre.fr/medias/fichier/strategie-charte-so-parisnanterre_1650355286850-pdf

LA CHARTE SCIENCE OUVERTE DE L'UNIVERSITÉ PARIS NANTERRE

L'université Paris Nanterre est engagée dans une politique de science ouverte pour promouvoir ses valeurs et contribuer à la refondation de la place des chercheur.e.s dans la société.

La politique de science ouverte saisit toutes les opportunités offertes pour libérer le potentiel scientifique, économique, politique et culturel de la recherche réalisée au moyen de financements publics. Elle permet l'accès de toutes et de tous aux travaux et aux résultats de la recherche.

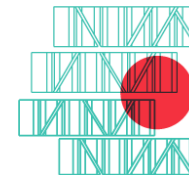
Encourager et accompagner les pratiques de science ouverte et d'open data +

Ouvrir les données et accéder librement aux résultats de la recherche +

Favoriser l'intégrité des méthodes et la rigueur scientifique +

Soutenir les infrastructures et l'intégration dans l'écosystème de la science ouverte +

The universit  Paris Nanterre *Open science Charter*



Encouraging and supporting open science and open data practices

Opening up data and providing free access to research results

Promoting the integrity of methods and scientific rigour

Supporting infrastructures and integration into the open science ecosystem

Building a Roadmap

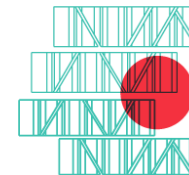
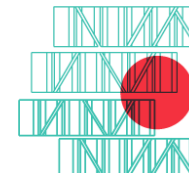


Photo de JESH00TS.com sur Pexels: <https://www.pexels.com/fr-fr/photo/plan-d-etage-sur-table-834892/>

“Plan, plan, plan”



Encourager et accompagner les pratiques de science ouverte et d'Open Data

- ▶ Former les doctorant.e.s, les enseignant.e.s-chercheur.e.s ainsi que les autres personnels de l'université.
- ▶ Accompagner les projets en cours et futurs sur les usages et pratiques de la science ouverte, en conformité avec les attentes de leurs financeurs.
- ▶ Encourager l'adoption de l'identifiant pérenne ORCID par l'ensemble de la communauté scientifique.

Ouvrir les données et accéder librement aux résultats de la recherche

- ▶ Ouvrir l'accès aux publications à travers le dépôt dans l'archive ouverte HAL Paris Nanterre et l'édition scientifique en libre accès.
- ▶ Proposer une solution de dépôt et de diffusion des données de la recherche à travers l'ouverture d'une instance Paris Nanterre dans la plateforme nationale fédérée Recherche Data Gov.
- ▶ Obtenir le label « Atelier de la donnée » du Ministère.

Favoriser l'intégrité des méthodes et la rigueur scientifique

- ▶ Mobiliser les expertises en matière d'éthique de la recherche, d'intégrité scientifique et de protection des données au sein de l'université.
- ▶ Former les doctorant.e.s, les enseignant.e.s-chercheur.e.s aux questions d'intégrité scientifique.

Soutenir les infrastructures et l'intégration dans l'écosystème de la science ouverte

- ▶ Inscrire l'université dans les réseaux de la science ouverte à l'échelle française et internationale.
- ▶ Contribuer à la pérennité des infrastructures de la science ouverte au moyen d'une participation active et d'un soutien financier.



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“Train, train, train” - 1/3

Step by step

The Paris Nanterre institutional policy is characterised by a broad vision of open science.

- various actors to mobilise
- a large range of skills to be covered
- priorities to be set according to the Paris Nanterre strategy - the four *Open Science Charter* parts

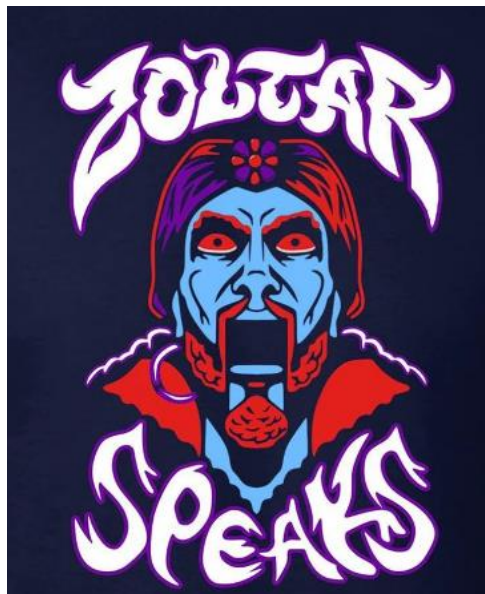
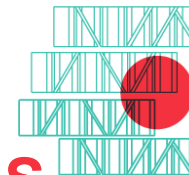


Discipline-specific skills needed to practice open science (does not include generic computer skills, wider librarianship skills and personal competences)
Mapped to LIBER OS Roadmap 7 focus areas, Digipol 20 framework and FOSTER learning resources
Produced by the LIBER Working Group on Digital Skills for Library Staff & Researchers with input from other LIBER Working Groups, 2020

McCaffrey, Ciara, Meyer, Thorsten, Riera Quintero, Clara, Swiatek, Cecile, Marcerou-Ramel, Nathalie, Gillén, Camilla, Clavel, Karin, Wojciechowska, Anna, Brinken, Helene, Prevoo, Mariëlle, & Egerton, Frank. (2020). Open Science Skills Visualisation - Visualisation des compétences en science ouverte (Version 2). Zenodo.
<https://doi.org/10.5281/zenodo.4727592> : <https://zenodo.org/record/4727592>
<https://libereurope.eu/article/open-science-skills-diagram/>

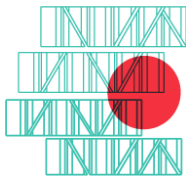
“Train, train, train” - 2/3

Building for the future, and its ~~surprises~~ EVOLUTIONS



Building a firm, long lasting and open-science oriented
Research support service :

- a **long run process of upskilling** research support staff and librarians
- expert prospection, awareness and **trend monitoring** are necessary to foresee evolutions
- **researchers are both partners and end-users** : they need a regular and elastic support service as well as a regular training and upskilling service provided by the organisation.



“Train, train, train” - 3/3

Before, now, on the horizon...

First steps

A **single-window welcome / orientation desk** and contact : done !

Supporting training and upskilling through **supporting open science-oriented infrastructures** : done !

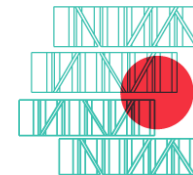
To be continued

Provide one-shot sessions as well as upskilling **training programmes to all end-users** (researchers, PhDs students, administrative and new support staff) : under progress, partially achieved

Targets at the horizon

An institutional **“Train-the-trainer”** dynamic to be initiated, developed and enhanced

“Education and skills” : Open science pillar



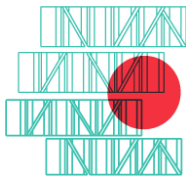
“All scientists in Europe should have the necessary skills and support to apply open science research routines and practices. A working group in this area produced a report in 2017, *Providing researchers with the skills and competencies they need to practise Open Science*”.

https://research-and-innovation.ec.europa.eu/strategy/strategy-2020-2024/our-digital-future/open-science_en

The 2017 report is findable and accessible on

<https://op.europa.eu/en/publication-detail/-/publication/3b4e1847-c9ca-11e7-8e69-01aa75ed71a1/language-en/format-PDF/source-172515559> and

https://www.zotero.org/groups/2340674/liber_digital_skills_for_open_science/library



Users at the heart of the system

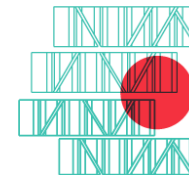
Communicating about Open science with research units and researchers as a possible aspect of their **everyday routine**

Adapting our action to communities, making sure that :

1. they get what they expect and benefit from a useful service
2. we can engage into a **fruitful dialogue**
3. we are taking into account **communities specificities**

Touching our limits bring **new horizons** : what are we ready to go for?

And... “Action !”



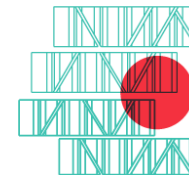
Université Paris Nanterre Open science Roadmap

<https://science-ouverte.parisnanterre.fr/strategie-science-ouverte/la-feuille-de-route>

<https://pixabay.com/images/id-2140602/>

Delivered & ongoing actions

Encouraging and supporting open science and open data practices



Since a few years for some actions, since 2021-2022 for many, we have been :

Communicating and promoting of open practices

Communicating on institutional open science strategy and local success stories
Animating of the Open Science website as a single entry point and related contacts
Organising events around open science, open data, data in SSH, open educational resources and starting sharing scholarly results and datasets on national and certified platforms

Training researchers, students, research support and Libraries staff

Training doctoral students, teacher-researchers and other university staff
Training teaching staff on open educational resources benefits and opportunities
Supporting projects including open science practices in compliance with funding requirements
Training researchers, research support staff and librarians in open science, RDM plans and PIDs
Training PhD students in open science (incitation for all HER public institutions from 2022-2023 under <https://www.legifrance.gouv.fr/jorf/id/JORFARTI000046228972>)

Fostering good practices

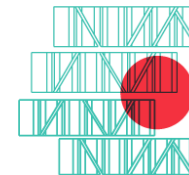
Encouraging the adoption of the ORCID identifier by the entire scientific community.
Contributing to the regional portal in the wake of the national public services OpenData collection
Monitoring APCs (including results publication on <https://treemaps.intact-project.org/apcdata/openapc/>)



<https://pixabay.com/images/id-2666501/>

Delivered & ongoing actions

Opening up data and providing free access to research results



Publications and media

- Supporting OA for scientific publishing : Gold and Diamond models through a partnership of the Presses Universitaires de Nanterre with OpenEdition ; Green through deposit in the Paris Nanterre institutional open archive platform HAL <https://hal.parisnanterre.fr/>
- Open access to publications under APCs monitoring
- Supporting the choice of scientific communication media in compliance with PlanS

RD support for RD management, deposit and training

- Data deposit on trusted and certified platforms such as the French national platform Recherche Data Gouv <https://recherche.data.gouv.fr/en> or, for SSH, on the Nanterre University Data Platform (PUDN) <https://www.mshmondes.cnrs.fr/pudn>
- “Operational Service for Data Management Plan Support” (SOS-DMP) registered under the Couperin national directory <https://scienceouverte.couperin.org/sos-pgd/>
- On the “pathway to labelling” as a local Data management cluster by the HER Ministry <https://recherche.data.gouv.fr/en/page/data-management-clusters>



Supporting researchers in their everyday practice and use of infrastructures and expert services

- Support by Research services, the Library and Maison des Sciences de l'Homme MSH Mondes Nanterre
- Running local RDM practices surveys in the research units...

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Delivered & ongoing actions

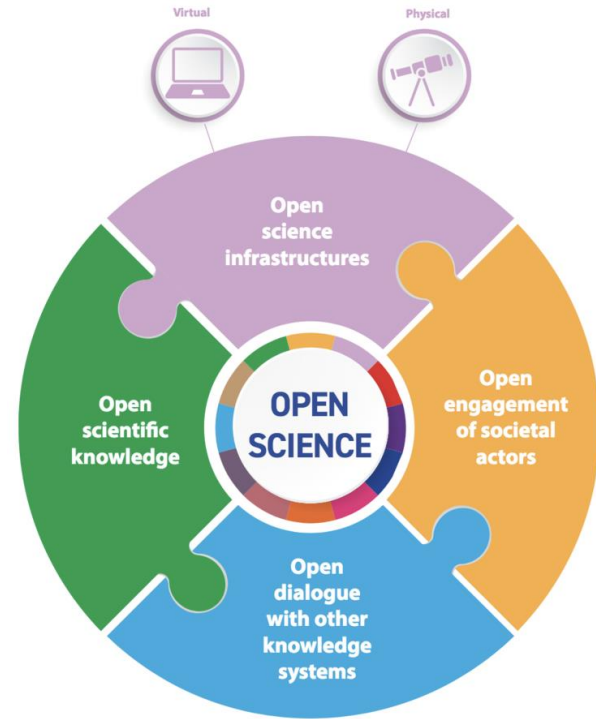
Supporting infrastructures and integration into the open science ecosystem

Actively participating at national, european and international open science networks and organisations

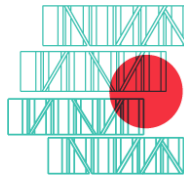
Participating in national and international networks, movements and working groups related to the development of open science: France Universities, DORA, French national CoSO, FNSO expertise, LIBEREurope, SPARCEurope, Datacite French consortium, Research Data Alliance (RDA)...

Contributing to the sustainability of open science infrastructures through active participation and financial support

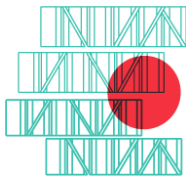
Supporting and promoting the development of efficient national and international infrastructures for open science through financial support, either directly or via Couperin and/or SCOSS, and active participation in the governance bodies and/or certain working groups of French “very large RI” (TGIR, Huma-Num for example) and ESFRI.



UNESCO Recommendation for Open Science,
<https://unesdoc.unesco.org/ark:/48223/pf000037994>
9.locale=en



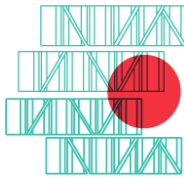
Potentiality



<https://pixabay.com/images/id-3721479/>

What is our biggest challenge ahead?

Continue **engaging researchers and research units** with Open science methods and practices.



Open to the world

Partnerships with the surrounding community and with the socio-economic players. Development of cooperations projects. Expertise and lifelong learning programs. We encourage our students to reflect on contemporary issues and find their place in the world of tomorrow in France and abroad. Questions abound: the energy and digital transition, changes in the way of working and mobility, the challenge of the transmission of knowledge. Our vocation is to help people gain perspective and to help them making decisions. Our university is resolute and inspired. ♦

Une ouverture au monde

Partenariats avec le territoire et les acteurs socio-économiques. Développement de projets en synergie. Propositions d'expertises et de programmes de formation tout au long de la vie. Nous poussons nos étudiant-e-s à réfléchir sur les questions d'aujourd'hui et à trouver leur place dans le monde de demain en France et à l'international. Transition énergétique et numérique, changements des modes de travail et des mobilités, enjeux de la transmission des connaissances : notre vocation est de faire prendre de la hauteur et aider à la décision. Notre université est volontaire et inspirée. ■

Rendre possible

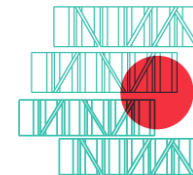
- ▶ Plus de 85 000 alumni sur LinkedIn
- ▶ Plus de 700 stagiaires en formation continue
- ▶ Près de 300 étudiant-e-s entrepreneur-e-s (2014-2018)
- ▶ Plus de 50 entreprises incubées (2014-2018)
- ▶ De nombreux partenariats avec de grandes institutions culturelles



Making things possible

- ▶ Over 85,000 alumni on LinkedIn
- ▶ More than 700 participants in continuing education programmes
- ▶ Nearly 300 student entrepreneurs (2014-2018)
- ▶ More than 50 incubated startups (2014-2018)
- ▶ Numerous partnerships with major cultural institutions

Sur le toit du bâtiment Pierre Grappin, face à la Défense
On the roof of the Pierre Grappin building, looking onto the La Défense business district



Thank you for your attention !

<https://science-ouverte.parisnanterre.fr/>
science-ouverte@liste.parisnanterre.fr