

France

National policy and initiatives supporting RDM & FAIR data skills development

**FAIRsFAIR-OpenAIRE workshop: National policy and support actions
for research data skills - impact and experiences**

28 avril 2021

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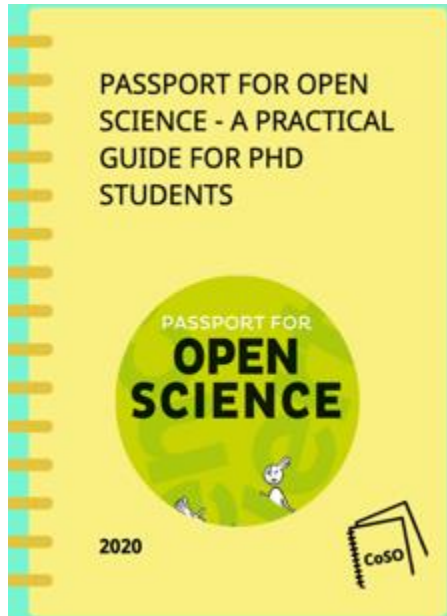
National Policy : National Plan for Open Science

<https://www.ouvri.la/science.fr/national-plan-for-open-science-4th-july-2018/>

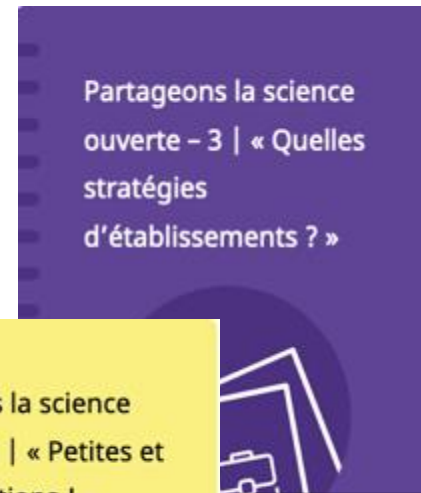
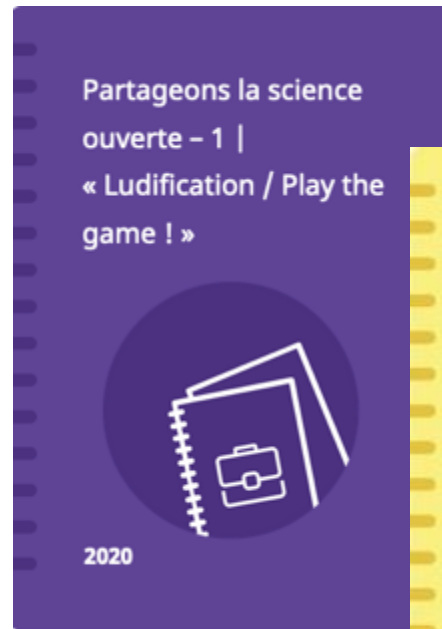
- Third commitment : be part of a sustainable European and International Open Science Dynamic
 - => Generalise open science skills
- Inform scientific communities about the implications of the French Digital Republic Act on the open dissemination of science publications and data
- Create an “Open Science” certification for postgraduate schools
- Develop research data skills, especially through online training courses aimed at the scientific community



COSO : Skills and Training College



Practical guides



**Share Open Science :
feedbacks from various
institutions, universities, innovative
practices, stories**

MOOC contribution : reproducible research

***'Open Science Training Handbook'* translation**

French contribution to 'Case Studies on Open Science Skilling and Training Initiatives in Europe' (Liber digital skills working group)

A rich and complex landscape

- URFIST <http://gis-reseau-urfist.fr/>
- INIST (CNRS) <https://www.inist.fr/>
- National Networks or Research Institutions :
 - RDA France group : RDA Europe National Nodes <https://www.rd-alliance.org/groups/rda-france>
 - Couperin GTSO : 'Open Science' college, including open repositories and data working groups <https://www.couperin.org/services-et-prospective/open-access/gtso-couperin/item/1123-gtso>
=> Surveys, use cases, exchange of experiences
 - Mission for Transversal and Interdisciplinary Initiatives : CNRS working group on data : Good practices Guide for RDM
=> <https://mi-gt-donnees.pages.math.unistra.fr/guide/00-introduction.html>
 - CIRAD (agricultural research for development) : CoopIST (scientific and technical information cooperation)
=> How to share data : <https://coop-ist.cirad.fr/gerer-des-donnees>

Opidor for DMP

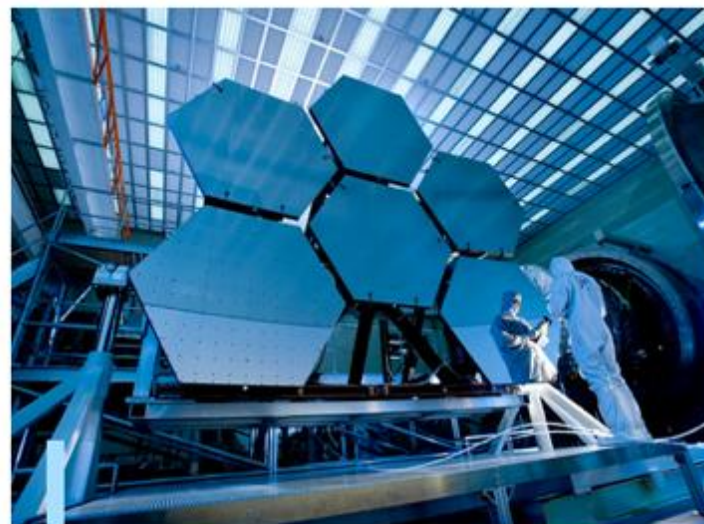


18/03/2021

**Modèle de DMP de l'Université de Montpellier
dans DMP OPIDoR**

[DMP OPIDoR](#)

[Lire la suite](#)

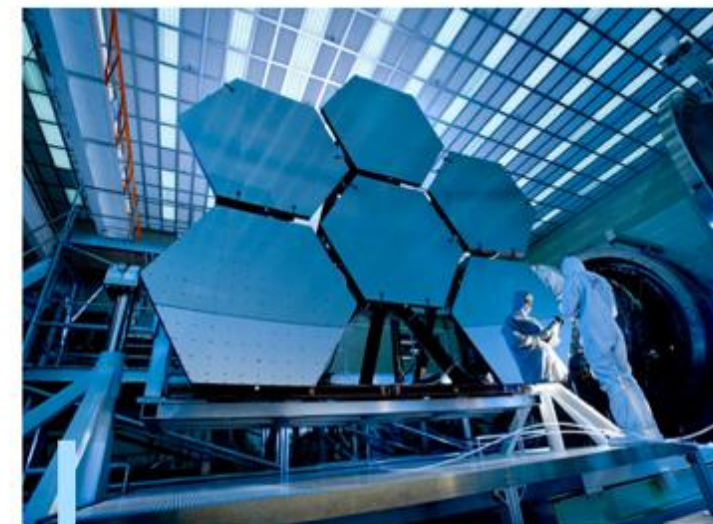


15/02/2021

**Modèle du CEA (version française) disponible
sur DMP OPIDoR**

[DMP OPIDoR](#)

[Lire la suite](#)



27/01/2021

Modèle de l'INCa disponible sur DMP OPIDoR

[DMP OPIDoR](#)

[Lire la suite](#)

Several models of DMP

Opidor Tour : Training sessions and support

Directory of services in each institution <https://scienceouverte.couperin.org/sos-pgd/>

A national platform : Doranum

<https://doranum.fr/>



- An URFIST network and CNRS collaboration
- Digital learning materials : a set of free reusable resources
- Ressources to support the scientific community in the management and sharing of their data, for researchers and research support staff

457 résultats trouvés

Réinitialiser la recherche X

THÉMATIQUES

- Archivage et stockage
- Aspects juridiques et éthiques
- Data papers et data journals
- Dépôt et entrepôts
- Plan de gestion de données
- Enjeux et bénéfices
- Identifiants pérennes
- Métadonnées
- Accès et visualisation

FORMATS

- FAQ
- Fiche synthétique
- Glossaire
- Guide
- Infographie
- Module de formation
- Présentation
- Quiz
- Sondage
- Tutoriel
- Vidéo

TYPES DE CONTENUS

- Fil d'actualités
- Ressources

Grid of search results:

- Top Row:**
 - Trois plaquettes pour valoriser les logiciels issus des travaux de recherche** (Maj le 23-11-2020) - Aspects juridiques et éthiques, Guide
 - Grille de lecture de Plans de Gestion de Données – modèle ANR** (Maj le 23-11-2020) - Guide, Plan de gestion de données
 - Tutoriel sur l'outil de rédaction DMP OPIDoR** (Maj le 27-01-2021) - Plan de gestion de données, Tutoriel
 - Les logiciels de la recherche et leurs licences : trois visions sur un objet** (Maj le 23-11-2020) - Aspects juridiques et éthiques, Guide
- Second Row:**
 - Parcours interactif sur la gestion des données de la recherche** (Maj le 26-11-2020) - Module de formation, Plan de gestion de données
 - Archivage Numérique des Données de Recherche** (Maj le 23-11-2020) - Archivage et stockage, Vidéo
 - Gérer ses données, tous concernés !** (Maj le 08-04-2021) - Infographie, Physique-Chimie
 - Les trois niveaux de sauvegarde des données de la recherche** (Maj le 17-12-2019) - Archivage et stockage, Vidéo
- Third Row (partial):**
 - Maj le 08-02-2021
 - Maj le 17-12-2019
 - Maj le 19-02-2020
 - Maj le 17-12-2019

Several initiatives : for trainers and support staff

<https://www.couperin.org/services-et-prospective/open-access/gtso-couperin/item/1440-ressources-du-gtso>

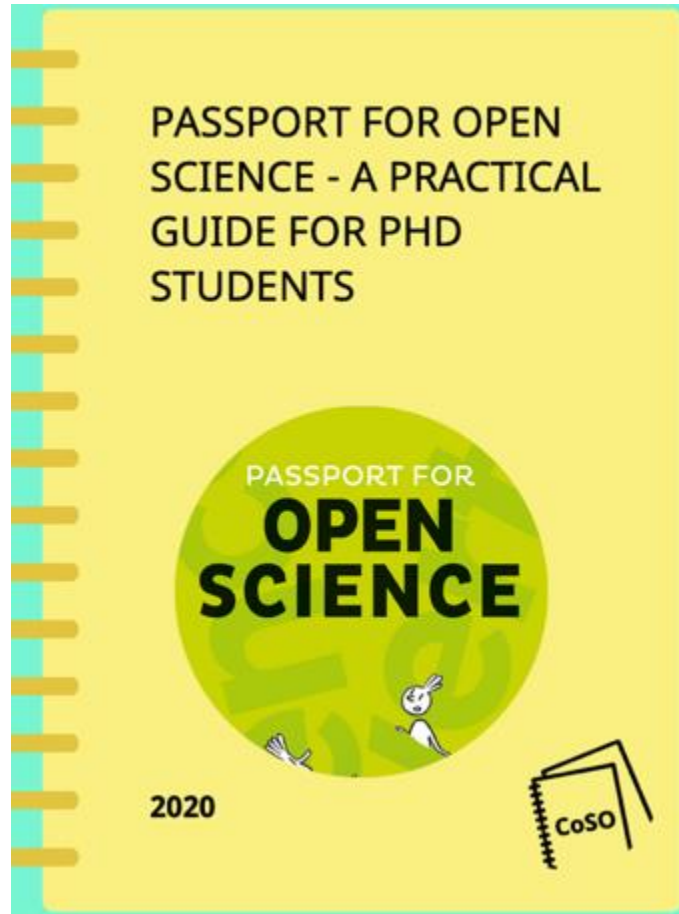


<https://doi.org/10.5281/zenodo.4627784>



<https://doi.org/10.5281/zenodo.4627817>

Several initiatives : for young researchers



- One target : PHD students
- A step-by-step practical guide for PhD students to help them build up open science skills and implement open science principles
- Section on RDM: 'Making research data open' 25-27
=> principles, tools, methods

Findable

Accessible

Interoperable

Reusable

MESRI

COSO, Committee for Open Science

University of Lille

Early career researchers

University of Lille : training sessions

Doctoral training sessions in French and in English in RDM

Why?

- to comply with one's obligations regarding research data (funded projects)
- to abide by FAIR principles to enhance the visibility of scientific output

How?

- How to write a data management plan (DMP)
- How to disseminate data in keeping with FAIR principles

Methods : practice makes perfect

Discipline-based Approach

Chemistry and Physics
DATAACC Project

The screenshot shows the DATAACC website. At the top, the logo is followed by navigation links: News, Best practices, Your needs, DATAACC network, Events, and About us. There are also icons for EN, RSS, email, and search. The main heading reads "Research Data Management support platform in Physics and Chemistry". Below this is a "More information" button. The central illustration depicts three scientists in a lab setting, with one pointing at a whiteboard showing a molecular structure. At the bottom, four icons represent the workflow: Finding data, Describing your data, Highlighting your data, and Data preservation. The word "Your needs" is written in large, light blue letters at the very bottom.

<https://www.dataacc.org/en>

Humanities and Social Sciences
Consortium MASA
=archaeologists and archaeological sites memories



https://f-origin.hypotheses.org/wp-content/blogs.dir/1718/files/2021/03/20210324_AG.pdf

A common framework? A national platform for data?

=> A Feasibility study by COSO - Recommendations

- A Federated research data platform
- Need to support researchers to improve the quality of data and metadata
- Need to upgrade skills of trainers and researchers

=> Build a strong national network of support staff to assist, advise and train researchers, with local expertise

