MINISTÈRE CHARGÉ DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA RECHERCHE

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recherche.data.gouv.fr

TRAINING, SUPPORT AND SKILLS: THE HEART OF OPEN SCIENCE

GILLES MATHIEU
RECHERCHE DATA GOUV DEPUTY DIRECTOR – OPERATIONS AND COORDINATION

Building capacity for Open Science
Skills4EOSC final conference
June 11th 2025

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Open Science as a core principle

Ambition

Open up all research products and methods

"as open as possible, as closed as necessary"

- Publications
- Data
- Source codes

… set out in the Loi pour une République numérique (2016), France
…reiterated by Open Science

More cumulative, robust and reproducible science
Science that is transparent and accessible to all

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Commitments

Support the structuring, preservation, sharing and opening up of research data, as well as the discovery of research data

Promote practices for and eco-responsible data management practices

Encourage the re-use of research data

Federate local and thematic initiatives

Second national plan for open science

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

Data, algorithms and source code policy

https://www.ouvrirlascience.fr/politique-des-donnees-des-algorithmes-et-des-codes-sources-feuille-de-route-2021-2024/

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Guide, studies, services

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JurisDoR 2025
Ressources juridiques sur le droit des données de la recherche

Data archiving

A subject with many aspects (strategic, legal, scientific, technical…)

Project under definition to address all these aspects

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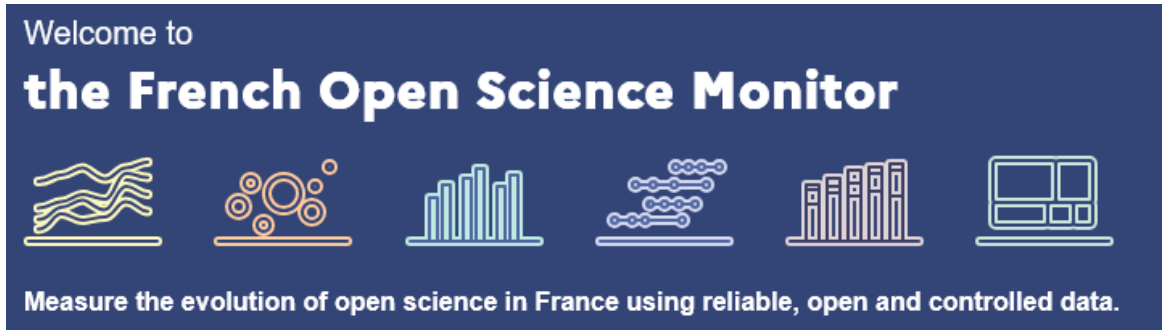
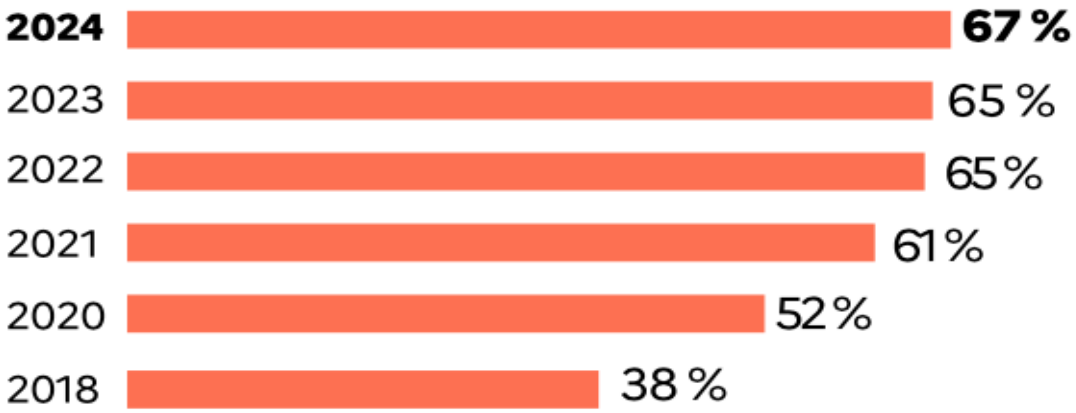


http://barometredelascienceouverte.esr.gouv.fr/

Data and code

Open access rate of scientific publications in France, with a Crossref DOI, published during the previous year by observation year



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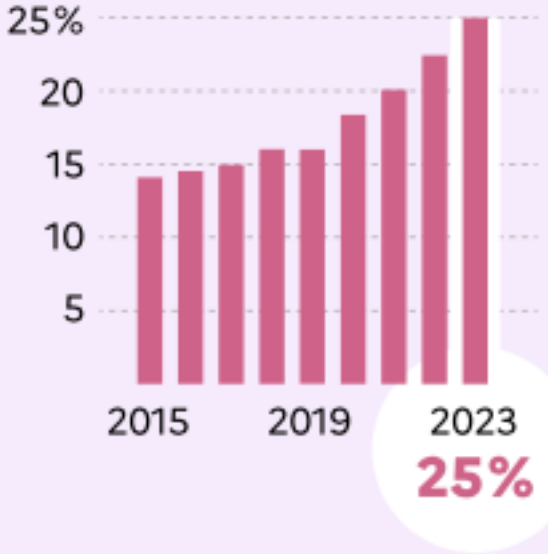
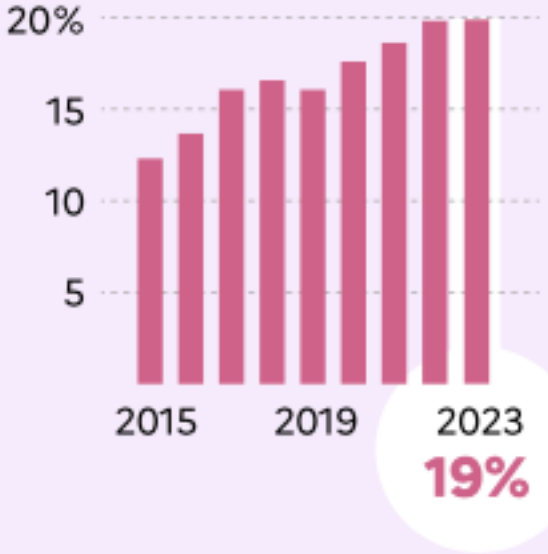
Proportion of publications in France that mention sharing:

a dataset



their code or software



The *Recherche Data Gouv* ecosystem

Aims

Leaving no research team without any solution to open or share their data

Make support a central element of the system

Recognise, federate and expand existing initiatives

A complete ecosystem for sharing and opening research data
A national research infrastructure build for – and by – the national research and education community

- Project partners

INRAE la science pour la vie, l'humain, la terre · UGA Université Grenoble Alpes · Université de Lorraine · cnrs · Université de Lille · Université de Strasbourg · Université Paris Cité · Université Paris Nanterre

- Representives of the higher education and research community

cea · Udice French Research Universities · France Universités · université PARIS-SACLAY · Université Toulouse Jean Jaurès

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Recherche Data Gouv provides:

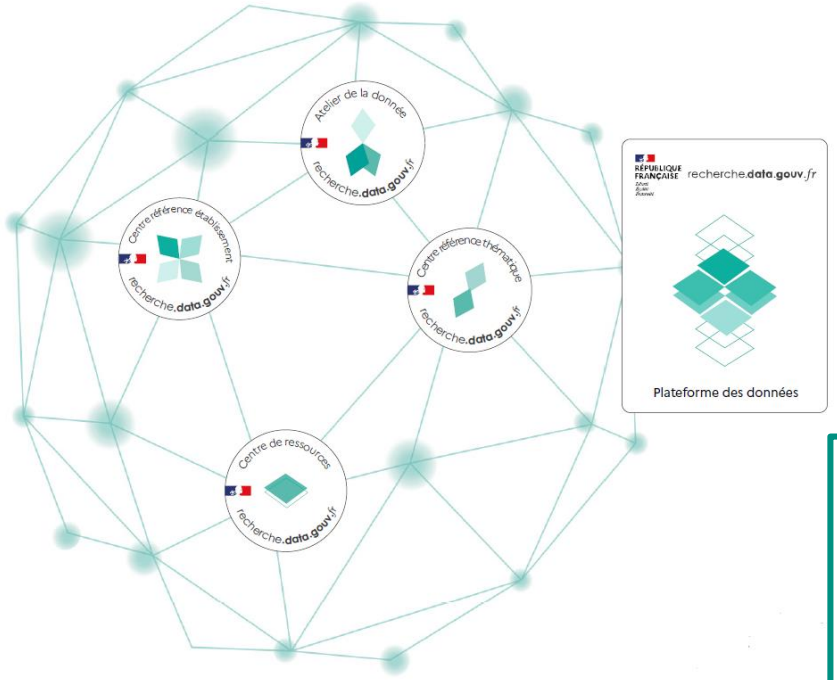
Support

through

A national federation of competence centres

A support offer on research data management, organised:

- Geographically
- Thematically
- Globally



Tools

through

A national research data platform

A sovereign solution for depositing, publishing, reporting, discovering, accessing and reusing data

#RechercheDataGouv

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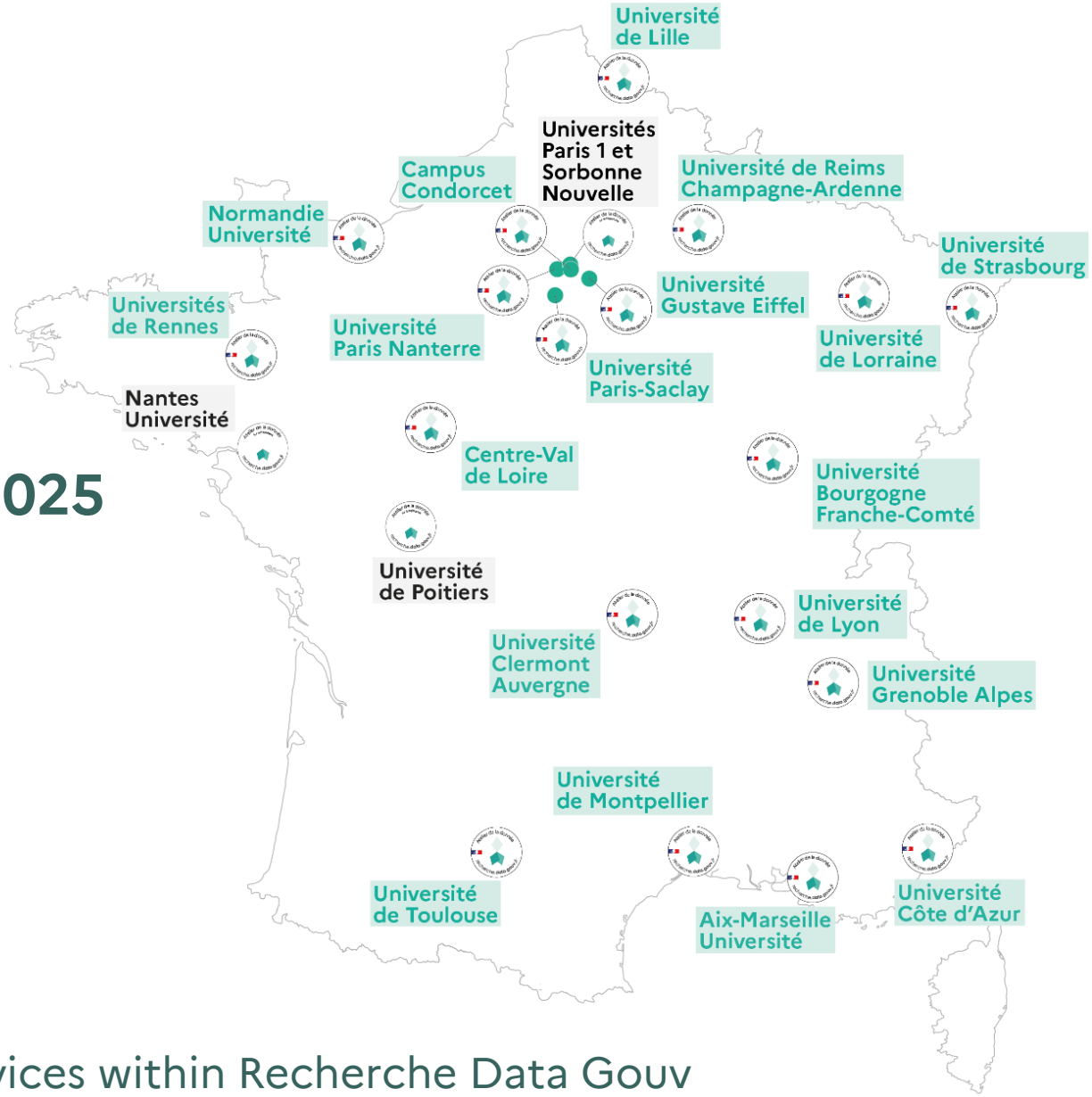
Key numbers – June 2025



- 36 federated competence centres
- > 400 people involved
- > 6000 available datasets (> 115 000 files)
- > 2,5 millions downloads
- 81 organisations responsible for one or more services within Recherche Data Gouv

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Importance of the international scene

- Share expertise
- Scale up
- Harmonise practices
- Increase resilience

eosc

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