





Building the compliance of HAL, the French national open archive, with Open Science funders policies

14. June. 2023 - Open Repositories - Stellenbosch South Africa

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HAL+ French Research Infrastructure for Open Science



The National multidisciplinary Open Archive for French research



Diamond open access journal platform: a complete solution for editing and publishing journals



A toolkit for organising and managing scientific events









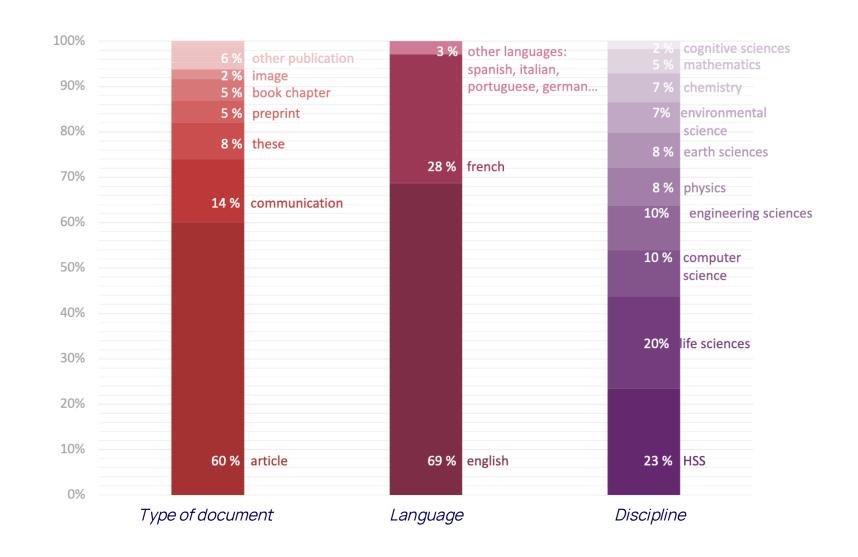
HAL multilingual and multidisciplinary



A multilingual archive

A multildisciplinary archive

2022: 1.134.706 full-text documents





French National Research Agency: ANR



ANR is the project-based funding agency for research in France

- 18,000 projects funded since 2005
- Research funding budget : 1.21 Md€ in 2022
- OS policy: context = Law for a Digital Republic + National Plans for Open Science 2018 and 2021
- 2018 : Member of Coalition S and supports the Plan S
- 2019 : Publications in HAL or institutional archive interoperable with HAL (embargo if necessary)
- From the Action Plan 2022 calls for projects

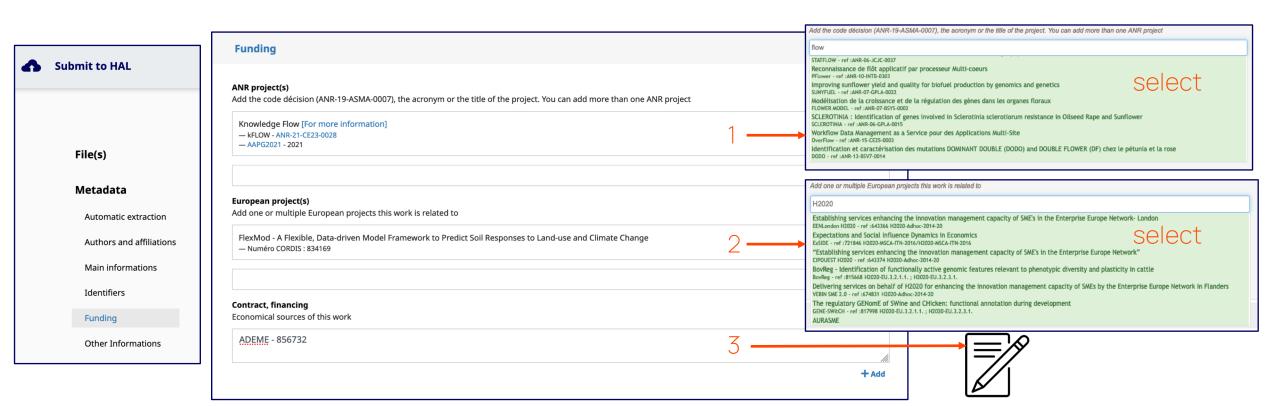
All publications resulting from ANR funded research projects will have to be available in open access under the Creative Commons CC BY license

At the latest at the time of publication, the full text must be submitted (AAM or VoR) in the HAL open archive with mention of the ANR research project reference (e.g.: ANR-22-CE64-0001)

2023 : deposit source code in SWH and references it in HAL with ANR project identifier.



HAL Funding Fields: funders and projects



1&2-Controlled fields

3 - Free text field

Projects'metadata Workflow

Open platform for French public data

https://www.data.gouv.fr/

https://www.data.gouv.fr/fr/organizations/

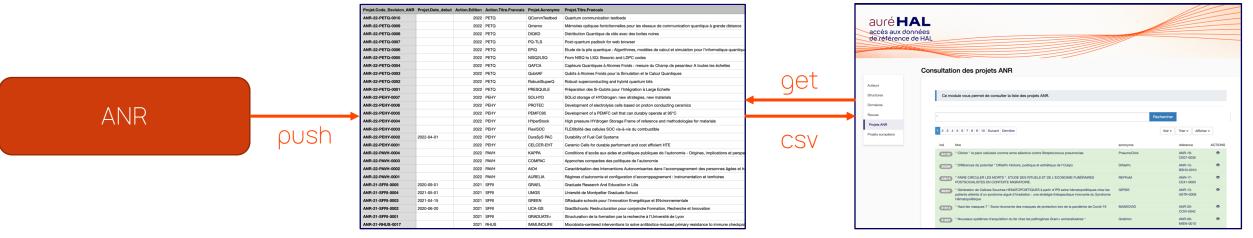
<u>agence-nationale-de-la-recherche/</u>

Automatic update DATA.GOUV

HAL references data



Automatic retrieval

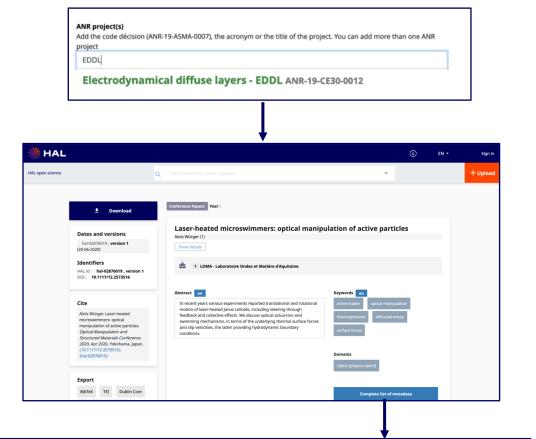


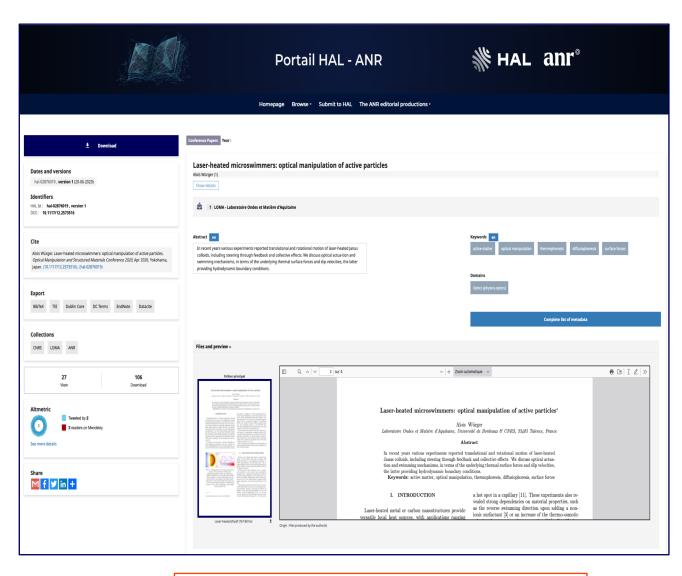
Robust, standardised and open data => Reusable data



ANR Portal

Deposit : Fill in the metadata « ANR project » With standardized data





ANR project(s)

• Electrodynamical diffuse layers [For more information]

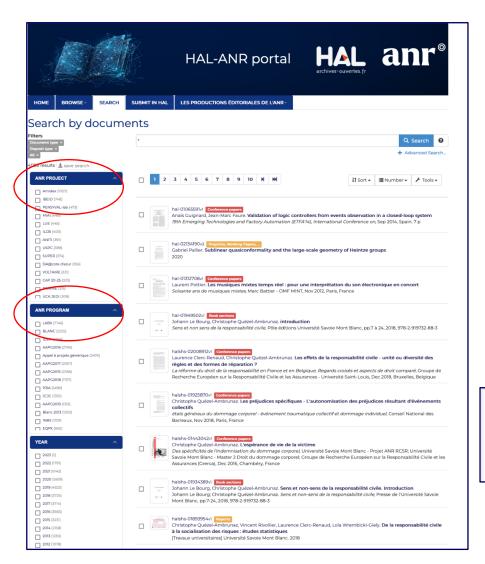
--- EDDL - ANR-19-CE30-0012

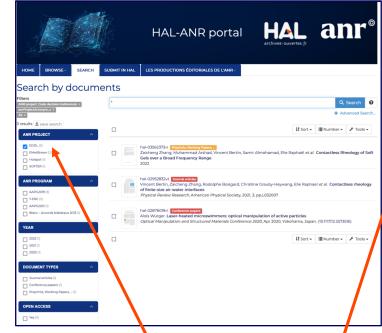
- AAPG2019 - 2019

HAL-ANR portal automatic supply



ANR Portal





Electrody amical diffuse layers [For more information]

- EDDL - ANR-19-CE30-0012

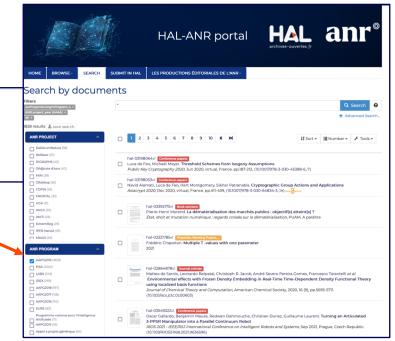
- AAPG2019 - 2019

ANR project(s)

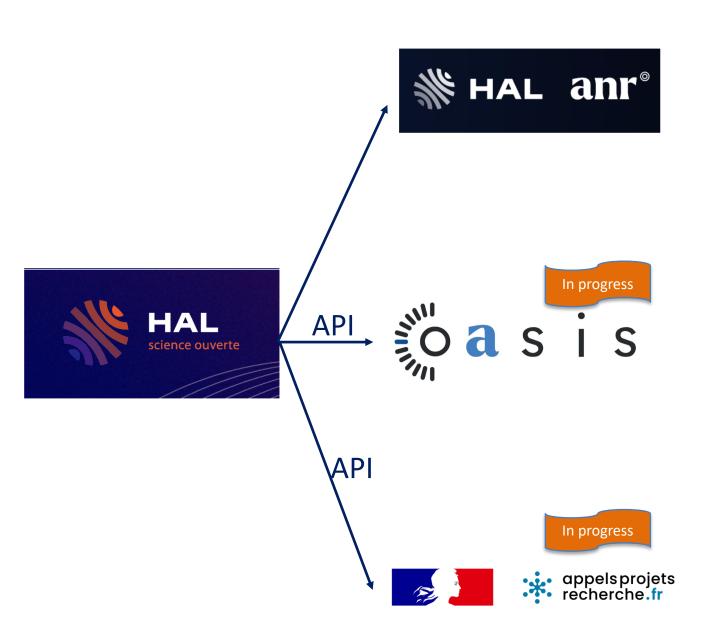




submit a proposal

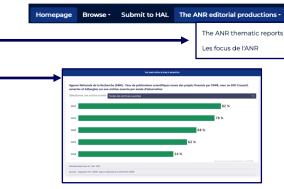


Research and specific facets



HAL-ANR Portal

- Productions from the funded projects
- ANR thematic notebooks
- ANR French Open Science Monitor



Scientific projects tracking tool

• Section « Research Products » : publications, datasets, software, ...

- Call for projects portal (ADEME, ANR, Inserm/ANRS-MIE, ANSES, INCa)
- User space
- Section « Research Products » : publications, datasets, software, ...
- Section « Expertise » :
 HAL Scientific Fields associated with the publications



Network of french research funding agencies

- 2020 : Joint statement by the network of French funding agencies in favor of open science
- 2022: Update on the common policy
 - ⇒ Promote open access for scientific publications resulting from funded projects and work for implementation of rights retention strategy
 - \Rightarrow Mandate publications in HAL or institutional archive interoperable with HAL
 - ⇒ In line with the Open Government Partnership, the agencies are making their datasets relating to "funded projects" available on data.gouv.fr, the open platform for French public data
 - ⇒ Share and harmonize practices and project evaluation methods : https://www.appelsprojetsrecherche.fr/ (calls for proposals) website







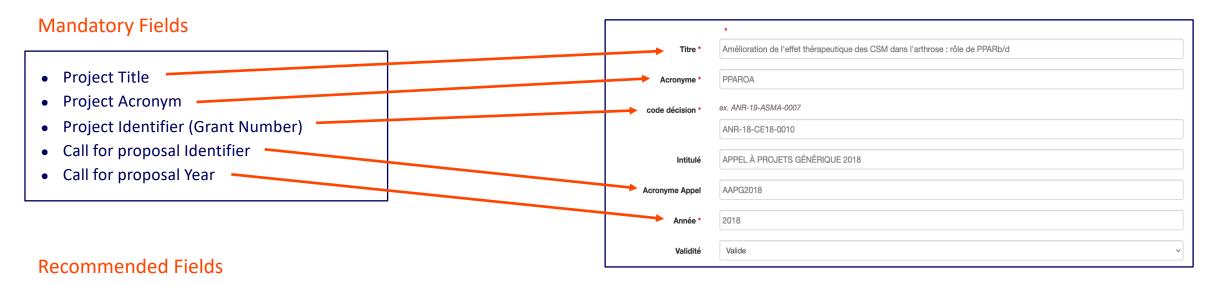






Which metadata to describe funded projects?

ANR projects metadata



- Project leader Last Name
- Project Leader First Name
- Project Leader Orcid
- Project Leader Institution
- Institution identifier RNSR / ROR (Research Organization Registry)
- Project Start Date
- Project End Date
- Call for proposal Title
- ..



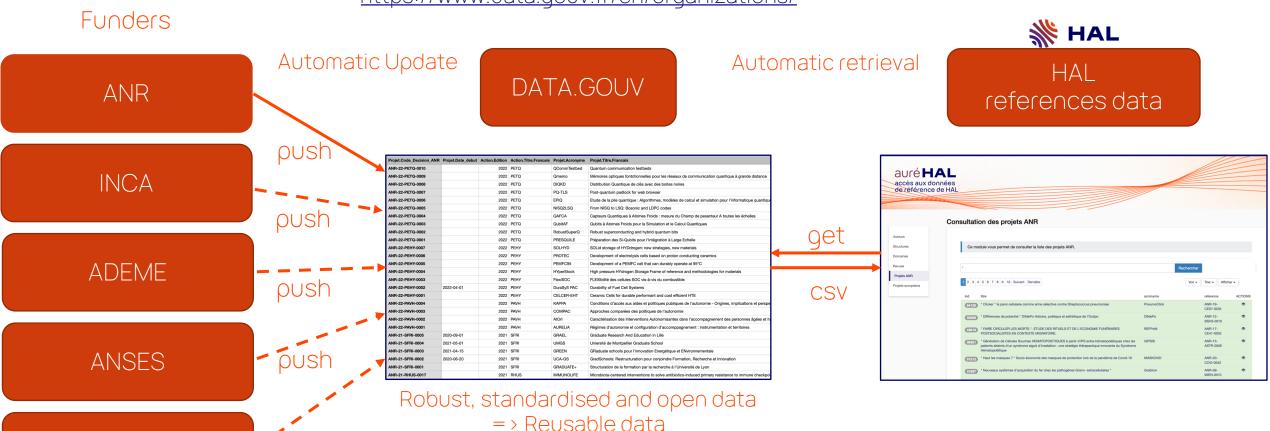
push

Projects'metadata Workflow: ANR as a model

Open platform for french public data

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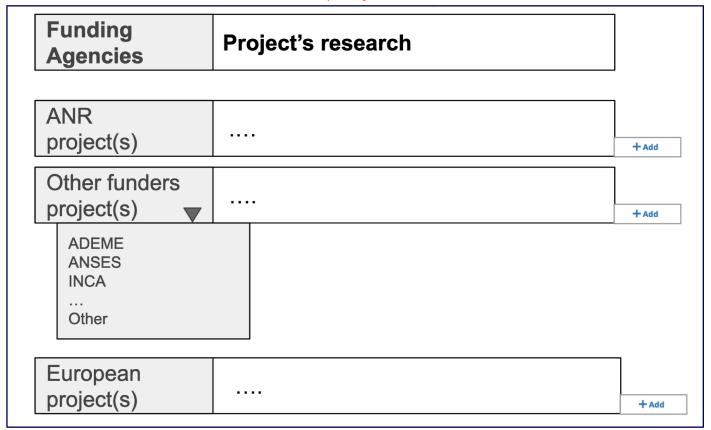
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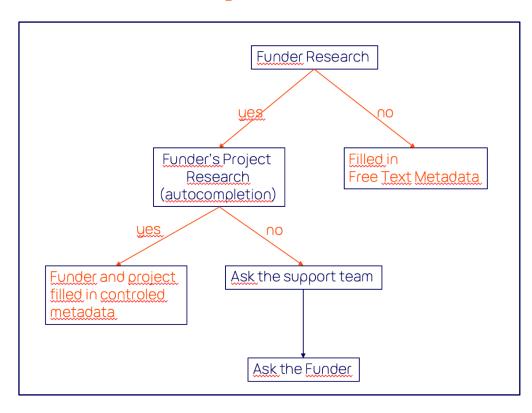


Funding section in HAL

Funder and project research



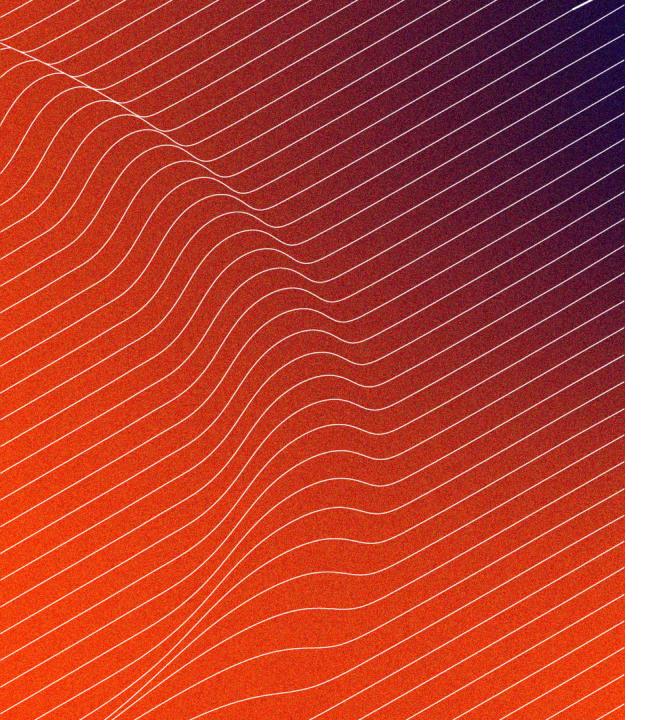
Organization







- A model to improve HAL compliance with funders open science policies
- ANR project with HAL: a strong collaboration
 - = > a model for other funders (quality of metadata, workflow, ...)
 - => which funders?
 - = > which resources to achieve that work?
- European funding projects in HAL
- Working on Automated enrichments







Thanks!

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