CCSD

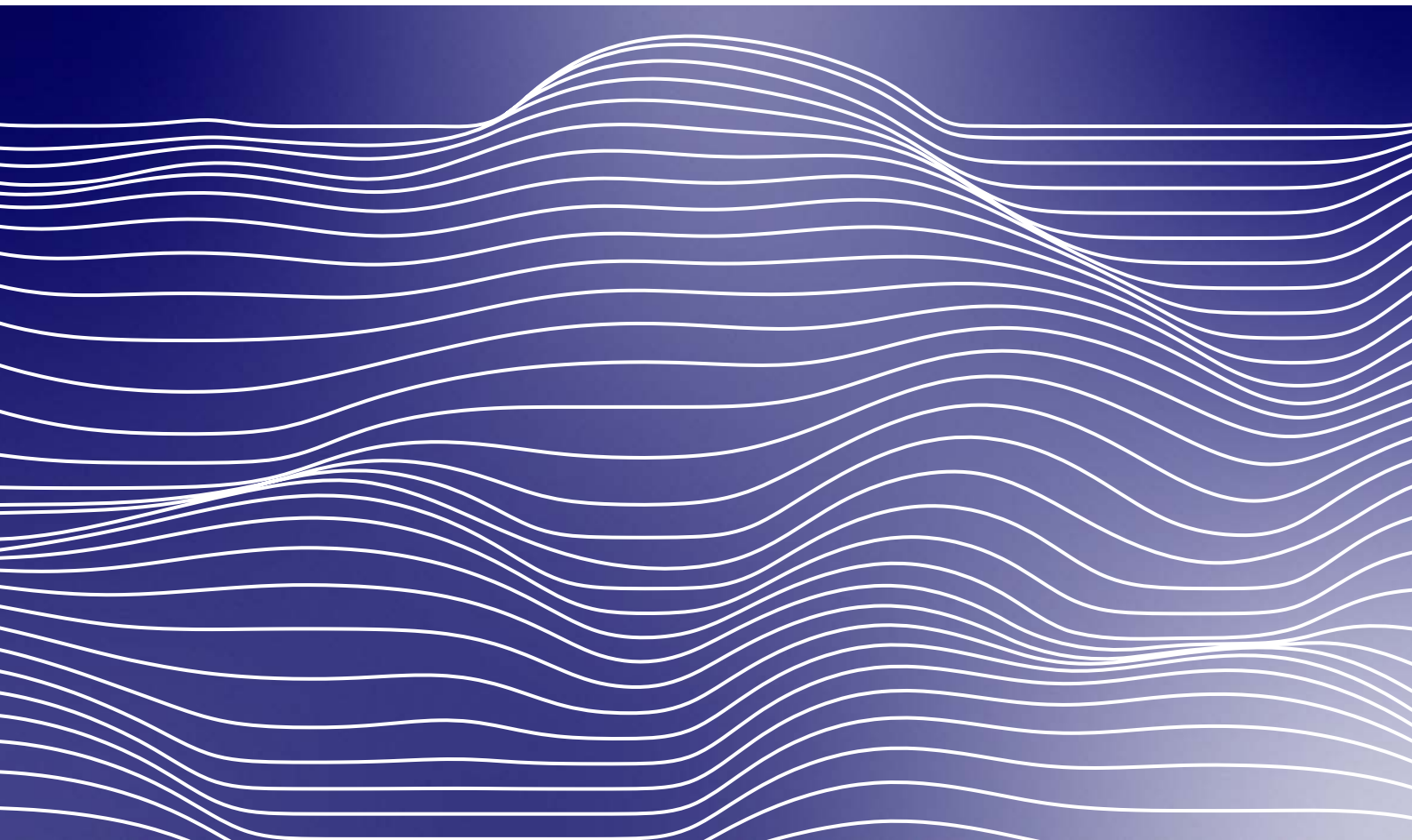**Centre pour la Communication Scientifique Directe**

Disseminating and archiving knowledge and expertise for the advancement of science

2024 Action Plan

January, 2024

Strategic directions
of the 2022–2027 roadmap

1

Anchor the CCSD within the Open Science and knowledge ecosystem
in a durable and exemplary way
and assert its leadership

The CCSD needs to consolidate its role at the service of French public policy, working closely with the various scientific information infrastructures and research funding agencies. It must also strengthen its partnerships with the major players in Open Science in Europe and worldwide, assert its role and promote its platforms. This recognition relies, among other things, on the formalisation of its alignment with the Open Science criteria of excellence.

2
Increase usage
of HAL, Episciences and Sciencesconf

Improving the quality and relevance of the services provided to researchers and institutions is a fundamental lever. Emphasis is placed on simplifying existing procedures, adding new functionalities, reinforcing support, ensuring clear and transparent dissemination of information, and valuing the contributions of the various user communities.

3
Ensure the sustainability
of HAL, Episciences, Sciencesconf and their service offer

Maintaining access to the HAL, Episciences and Sciencesconf platforms and services depends on the convergence of various elements: an efficient governance model, the expertise of CCSD team members, a sustainable economic model based on diversified sources of funding, and open and secure technological choices.

2024 Action Plan

1. Continued listing of funders linked to publications

Gradual extension of the mechanism implemented with the ANR to the network of funding agencies.

Synchronisation based on data updated in data.gouv.fr by the funding agencies.

2. Listing of research platforms, equipment and instruments operated by research bodies and universities

Study and definition of a strategy to ensure their listing in connection with the publications present in HAL.

3. Contracts between the Episciences platform and hosted journals

Formalisation of contracts and provision of these contracts to the journals.

4. Consolidation of the compliance of CCSD platforms with the criteria for excellence in open science

Launch of Core Trust Seal certification for HAL. **[HALiance]**

Episciences membership of COPE (Committee on Publication Ethics).

5. DOI assignment

Finalisation of a financial and technical feasibility study concerning the acquisition and assignment of DOIs to publications deposited in HAL that do not have a DOI.

6. Evolution of the organisation of the moderation of deposits in HAL (process of technical, documentary and legal validation before the document is put online)

Prefiguration of a network of moderating establishments.

First extension of the handling of this activity by establishments with a HAL portal.

Reinforcement of the CCSD's role as a reference centre for prescribing and sharing best practices, supporting facilities and coordinating the network.

Gathering of establishments' needs in terms of management and steering tools and reflection on the functional and technical development of the moderation workflow.

7. Functional enrichment of HAL

Extraction of the named entity "Funder / ANR project" in the PDF files of publications and automated alignment with the repositories. **[HALiance]**

First stage of linking the publications present in HAL and datasets: functional specifications in conjunction with RDG and the Nakala repository, favouring the use of the COAR Notify protocol. **[HALiance]**

Integration of the Pactols thesaurus (controlled vocabulary for archaeology and the sciences of antiquity).

8. Functional enrichment of Episciences

Study on the development of the technical base and definition of new workflows for peer review of research preprints, datasets and software. **[nepHAL+]**

Implementation of a plagiarism detection tool (iThenticate - Similarity Check service). **[nepHAL+]**

Deployment of an editorial solution to facilitate the preparation (copy-editing) and structuring of texts in accordance with FAIR principles and editorial quality standards. **[Édisciences]**

9. Functional enrichment of Sciencesconf

Possibility for the depositing researcher to authorise the transfer to HAL of their communication, if it is accepted, at the end of the conference. **[HALiance]**

Study on the graphic evolution of conference websites and prefiguration of their modernisation.

10. Harmonisation of HAL, Episciences and Sciencesconf authentication web interfaces

Deployment of a single interface for HAL, Episciences and Sciencesconf users allowing authentication with ORCID or an institutional account by relying on the interoperability of national and European identity federations (e.g. Renater or EOSC).

11. New training offer for HAL user communities

Implementation of an e-learning platform (LMS).

Start of production of educational content for HAL users.

12. Implementation of new HAL documentation

Development of the documentation production and consultation tool for the various HAL user communities.

Reorganisation, production and enhancement of content for documentation.

13. Strengthening the coordination of HAL communities

Implementation of targeted actions aimed at HAL portal administrators and collection managers (new training offer, organisation of remote and face-to-face events, organisation of feedback on functional and technical needs).

In person meeting of the HAL partners' assembly.

Consolidation of the HAL ambassadors system (welcoming new members and deployment of a promotion kit).

14. Improvement of the security of infrastructure and hosted data

Implementation of a redundant backup of data hosted at the IN2P3 computing centre in partnership with Inria. **[HALiance]**

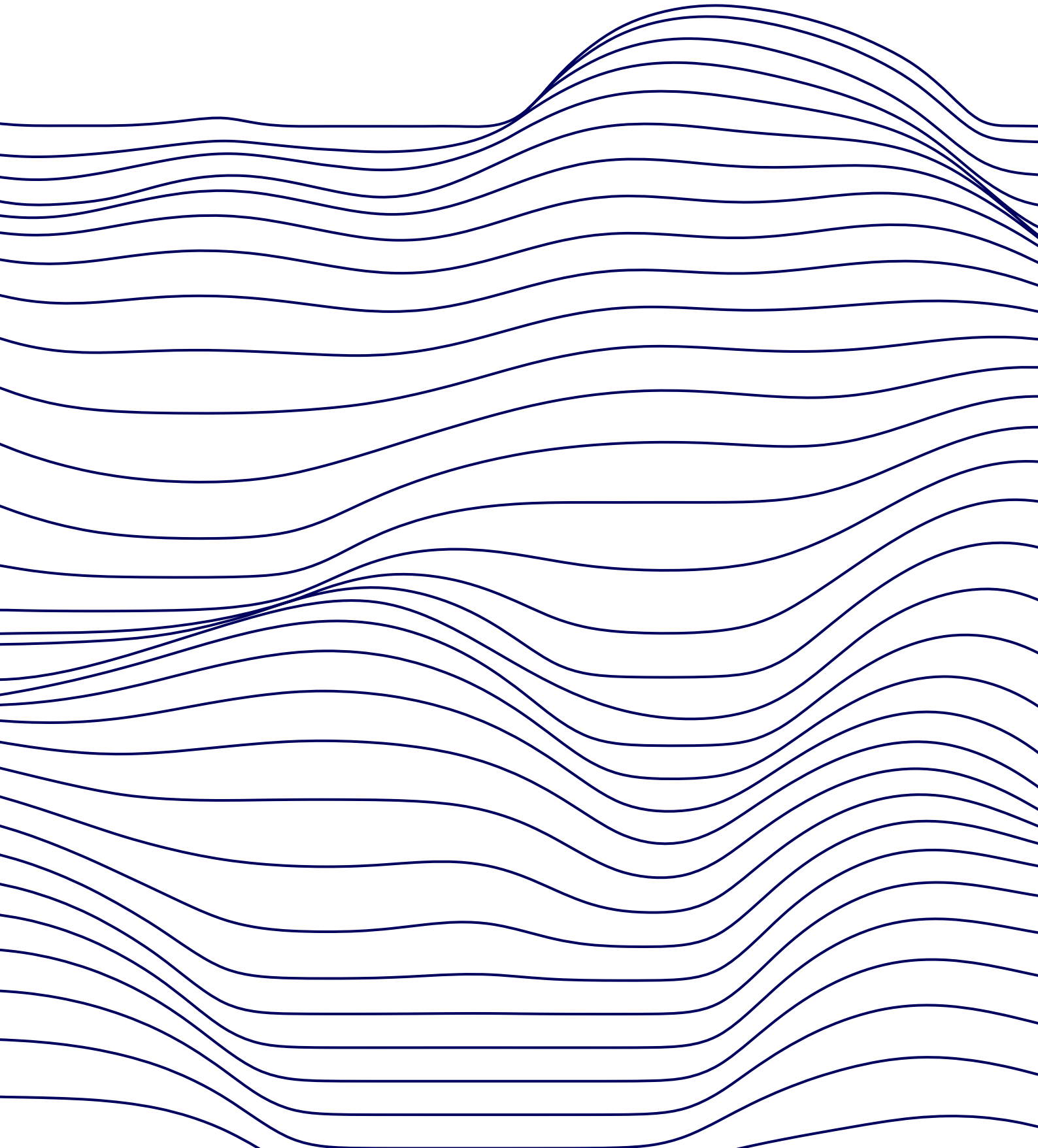## 15. Sustainability of Episciences journal articles

Study on the long-term preservation of Episciences articles hosted in archives without any system guaranteeing the sustainability of publications.

Assessment of the relevance and feasibility of joining CLOCKSS.

16. New version of the HAL Portals Terms of service

Implementation of a consultation with 10 establishments with a HAL portal (involvement of their lawyers and DPO).

Update of the global framework of the HAL Portals Terms of service and improved consideration of GDPR.