

Roadmap for the open access research information landscape: key project activities

Updated May 2023

The [UKRI Open Access Policy](#) outlines technical requirements for research articles. Publishing and repository systems need to support the requirements so the necessary requirements for access and curation are applied to the research articles in scope of the policy.

As outlined at [implementing our open access policy](#), UKRI commissioned [MoreBrains Cooperative](#) to undertake an analysis to inform how far these requirements are currently adopted. This has helped to identify actions that are necessary to improve the metadata landscape and to fully enable the requirements to be implemented. The final report of this analysis is available at [roadmap for the open access research information landscape](#).

UKRI is now taking forward work to support implementation and we are working with MoreBrains Cooperative over 2023 to support necessary developments. MoreBrains will work with UKRI to:

- consult the repository and publishing communities on their current state of readiness to meet policy requirements
- develop best practice and technical guidance to coordinate with relevant community initiatives to improve support for specific components of the policy
- identify ongoing programmes of support needed to extend the coverage and capabilities of the platforms and schemas in use to meet policy requirements.

Table one in this document sets out at a high level the activities the project will encompass. Ongoing activities will be required in 2024 and beyond, and these will be specified as more is learned and consensus is built during this project.

Table two sets out in more detail which policy requirements will be focused on at which stage, and which community or initiative will be consulted or prioritised for action.

During May-July 2023 there will be community engagement on readiness and options. **Table 3** sets out our proposals for which community or initiative will be engaged with respect to each policy requirement as part of this activity.

Enquiries about this work can be directed to openresearch@ukri.org.

Table 1: Project activities

Actions	Description	Timing
Community engagement on readiness and options	We will facilitate community engagement to explore implementation challenges raised by the technical requirements of the policy, such as Data Access Statements or the selection and use of specific persistent identifiers. This will comprise workshops, roundtables and focus groups, engagement with relevant international initiatives, and ongoing discussions with a project group made up of experts from across the UK OA community.	May 2023 - July 2023
Additional research to understand state of technical readiness	We will gather and synthesise information about relevant standards, services, and initiatives to meet community information needs, focusing on those practical issues already identified and extended by the findings of our community consultations. We will focus on issues such as the collection of authenticated ORCID IDs that have been flagged as a concern.	July 2023 - October 2023
Develop best practice and implementation guidance	We will identify and prioritise community information needs, resulting in the specification of information resources. The team will then prepare guides and FAQs to ensure that there is clarity about the implications of the policy, and the range of feasible options to support implementers in meeting its requirements.	August 2023 - October 2023
Create technical specifications and guidance	We will develop a range of detailed resources to provide consistent, scalable approaches for implementers to address such challenges as persistent identifier adoption, metadata curation, and non-article level requirements such as OpenDOAR registration and preservation location.	August 2023 - October 2023
Coordinate with relevant	Having identified several areas where existing schema do not support the necessary fields to enable alignment with the policy, or where existing standards are not yet widely enough	October 2023 - December



community/sector initiatives to support metadata requirements for policy	adopted, we have identified initiatives and communities which will be targeted to specify the necessary improvements to the landscape to reduce the technical load and effort needed to meet the policy requirements.	2023
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Table 2: Actions and policy requirements matrix

[illegible]

Table 3: Community engagement matrix

[illegible]



Scholix																	
UKCoRR																	

***Policy requirements key:**

1. Acknowledge UKRI funding
2. Date of deposit
3. Data Access Statement
4. ISSN
5. Article level PID (DOI, URN, Handle)
6. ORCID ID (all authors)
7. ORCID ID authenticated
8. Licence (non-proprietary format)
9. Preservation location (Portico etc.)
10. Self-archiving policy (registered in SHERAP-Romeo)
11. Citation data in I4OC
12. Repository registered in OpenDOAR
13. PID for funders
14. PID for research performing organisations
15. PID for grant
16. PID for project
17. Final version or AAM