

Project plan

ORI - PID to Portal

Strengthening the open research information chain
from PID to Portal, making Dutch research visible.

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1 Management Summary

Purpose and strategic relevance:

The visibility, quality, and reliability of Dutch research information are increasingly vital for national and international collaboration, open science policies, and institutional steering. This project strengthens the infrastructure for Open Research Information (ORI), enabling Dutch institutions to maintain control over their research outputs while aligning with key developments such as the NPOS ambitions and the Barcelona Declaration on Open Research Information.

Why this matters now:

Current gaps in metadata quality, persistent identifier (PID) usage, and system integration hinder both policy compliance and strategic insight. At the same time, there is a growing dependence on external platforms, and an opportunity to both analyze and address metadata quality and PID usage and interoperability in ways that closed infrastructures do not allow. To safeguard academic autonomy and ensure future-proof interoperability, the Netherlands must invest in its own research information infrastructure. This prologues the activities in OSNL submitted projects DURF and BROCCOLI that await review and possible grant acceptance.

Key objectives:

1. **Improved ORI Monitoring Capabilities:** Develop a monitoring framework and ORI-related measurements that provide actionable insights into metadata quality, PID adoption, and metadata licensing across institutions.
2. **Strengthening the Netherlands Research Portal (NRP) Governance:** Facilitate broader and easier participation of Dutch institutions in the NRP by improving technical workflows and establishing a national consortium in collaboration with OpenAIRE.

Approach:

This project follows an agile, collaborative methodology, involving Dutch universities, SURF, and key signatories of the Barcelona Declaration. Deliverables include technical prototypes, consultation reports, and hackathons to co-create solutions. Governance and sustainability are embedded through consortium agreements and a SURF business case for long-term product management.

Timeline:

Project activities run from September 2025 till August 2026

Investment and value:

The project runs in 2025 and 2026 with a budget from UNL. It contributes directly to institutional goals related to digital sovereignty, open and FAIR research information, and efficient reporting, while reducing dependency on commercial infrastructures. By strengthening the national research information chain—from PID registration to public portal—this project enables Dutch institutions to take collective ownership of their research visibility and impact.

Barcelona Declaration Commitment	Project Deliverables
1. Make openness the default Ensure that research information is open by default and reusable wherever possible.	- Framework for monitoring open research information (A.i) - Metrics for PID usage, licensing, metadata quality (A.ii–A.iv) - Open dashboards with source data (A.3)
2. Work with services and systems that support open research information Use systems that enable open export and reuse.	- Improved overview of Dutch sources for the NRP (B.i) - SURFconext integration for AAI access to NRP (B.iii) - Workshops and Hackathons to work on interventions for improvements (A.5)

3. Support sustainability of open infrastructures Invest in long-term, community-governed infrastructure.	- Establishment of portal consortium for NRP governance (B.ii) - SURF LCPM business case for long-term portal management (B.ii.3)
4. Work together to accelerate the transition Collaborate to share knowledge and take coordinated action.	- Co-creation with Dutch Barcelona group (consultations, use case input) - Stakeholder meetings & hackathons (A.1,4,5) - Community blog updates (Comm. Plan)

2 Project definition

2.1 Project description

This project aims to strengthen the foundations for Open Research Information and increase the quality and coverage of metadata, so it will add value to the use case domains ‘visible & reusable’ (eg. Search engine discoverability), ‘reporting & steering’ (eg. Open Access Monitor), ‘administrative efficiency’ (eg. Enter once, reuse often), for the users of open research information. Without Open Research information, Open Science and Open Access Monitoring is not possible. It is part of the larger Open Research Information program, contributing to SURF ORI program objectives 1, 2 and 4.

The transition to open research information is essential to safeguard core academic values and digital sovereignty, adhere to FAIR principles, and support both national and international policies such as the NPOS goals and the Barcelona Declaration on Open Research Information.

Project information		
Start date	1 September 2025	
End date	31 August 2026	
Project type	Innovatie	<i>In case of other:</i>
Stakeholders	SURF, UNL, UKBsis, all Dutch universities, Dutch Barcelona Declaration Signatories (including also NWO, ZonMW, VH, SIA, KB), OpenAIRE	

2.2 Project objectives

A. Improved monitoring of open research information

Develop a framework to systematically monitor metadata quality, PID adoption, and license usage, **so that institutions gain insight into the gaps and quality of their research information and can take targeted action for improvement.**

- i. Develop framework for monitoring the open research information program (use cases, issues, entities, sources (FAIR), interventions)
- ii. Improved overview of PID usage and exchange in various systems
- iii. Better overview of usage (open) licenses of metadata
- iv. Improved overview of metadata quality (completeness & coverage)

B. Improving the Netherlands Research Portal (NRP) Governance

Establish a national consortium and basic improvements, **so that Dutch institutions collectively take ownership of the portal and enhance the visibility and accessibility of research.**

- i. Improved overview of Dutch data sources to be connected to the NRP
- ii. Establish a national membership consortium for the NRP
- iii. Easier access workflow for Dutch institution to the NRP (SURFconext)
- iv. Increase in finding research colleagues for inter-, trans- cross-disciplinary work.
- v. Easier to find current experts/researchers by journalists and policy makers

2.3 Project deliverables

A. Improved monitoring of open research information

Deliverable ↓ / Sub-objective →	A.i. Develop monitoring framework	A.ii. PID usage overview	A.iii. License usage overview	A.iv. Metadata quality overview
1. Report + prototype framework for monitoring the value of open research information based on use cases, in three corpuses; OpenAlex, OpenAIRE and CRIS/Repositories, with extension to sources like Crossref and Unpaywall	x			
2. Report ORI Metrics on PIDs, metadata usage licences, metadata quality & coverage (what & how to measure)		x	x	x
3. ORI Dashboard (quantitative view) on PIDs, metadata usage licences, metadata quality & coverage		x	x	x
4. Workshop ORI Improvement Interventions: community discussion on results and interventions needed to improve Open Research information coverage and quality in the different corpuses.		x	x	x
5. Hackathon ORI Monitoring Additions: adding scripts and procedures to get data to display the remaining placeholder metrics on the ORI dashboard		x	x	x

B. Improving the Netherlands Research Portal (NRP) Governance

Deliverable ↓ / Sub-objective →	B.i. Overvie w Dutch data sources	B.ii. Establish consortium	B.iii. Easier NRP access via SURFco next	B.iv. Expert finder
1. Report + table (overview of NRP connected data sources, organisations, contact persons, OpenAIRE Membership, etc)	x			
2. NL Research portal consortium Covenant signed		x		
3. OpenAIRE service contract for NL Research Portal signed		x		
4. SURFconext enabled NRP, consortium partners have enables access to OpenAIRE service NPR via EduGAIN / SURFconext dashboard.			x	
5. Additional functionality to find researchers				x

2.4 Project scope

A. Improved monitoring of open research information

This project will monitor the quality and coverage of PIDs and metadata, and will define possible interventions and priorities to improve those at the source. It will not start projects to implement PIDs at CRIS systems, but shows where the gaps are, and how to close these gaps. Closing (PID) gaps is an opportunity for a follow-up project to use the monitor to measure improvements.

B. Improving the Netherlands Research Portal (NPR) Governance

For governance this project will work on consortium building, and arranging a contract between the consortium and OpenAIRE. This is in preparation by this proposal in writing: “[Voorstel Beheer NL Research Portal.pdf](#)”. This has been presented and accepted by the Chiefs Open Science in July 2025, and is in the process to be presented to the UKB Library directors in Sept 2025. Adding SURFconext and expert search is a technical implementation, only possible after a service contract has been signed with OpenAIRE.

3 Project management

3.1 Planning of project activities and milestones

Agile Planning (high over)

We work in increments and take the overarching objectives (A. Improved monitoring of Open Research information, and B. Improving the Netherlands Research Portal) as epics.

Activities for “A. Improved monitoring of open research information”

For the reports on the framework and metrics [A.1., A.2.] We will organize consultations sessions with Dutch Barcelona Signatories; for uses cases , prioritization, and metrics indicators.

For the dashboard [A.3.]; We will start operationalizing one of the variables based on specific use case(s) and build the respective dashboard and then increment to other variables and use cases.

Activities for “B. Improving the Netherlands Research Portal”

For the Netherlands Research Portal there are parallel activities that we increment on.

Objective A. Improved monitoring of open research information

Deliverables	Activities	Timeline	Who
1. Report + prototype framework for monitoring the value of open research information based on use cases.	Organize consultation sessions with NL Barcelona Signatories to define use cases, entities, sources, and interventions. Design visual prototype for monitoring dashboard.	Sep-Oct 2025	Maurice (lead), Ana (networking), Till (framework), Bianca (methodology)
2. Report ORI Metrics on PIDs, metadata usage licences, metadata quality & coverage (what & how to measure)	Define metrics and indicators via follow-up consultations. Document what and how to measure for each type of metadata element.	Nov-Dec 2025	Bianca (lead), Rutger (quality), Till (technical input), Ana (outreach)
3. ORI Dashboard (quantitative view) on PIDs, metadata usage licences, metadata quality & coverage	Start with 1 use case and 1 variable (e.g. PID), incrementally extend with others. Use real data from Dutch sources.	Jan-Mar 2026	Till (architecture), Bianca (analytics), Rutger (validation)
4. Workshop ORI Improvement Interventions: community discussion on results and interventions needed to improve ORI coverage and quality	Organize a workshop with the ORI community to discuss dashboard results and discuss interventions to improve PIDs, licenses, and metadata completeness. Document outcomes and priorities.	Apr 2026	Claudia (organization), Bianca (co-creation), Rutger (support)
5. Hackathon ORI Monitoring Additions: adding scripts and procedures to get data for placeholder metrics on the dashboards	Build on earlier MVP ORI dashboard; co-create scripts to collect missing data for placeholder metrics (e.g. license completeness, metadata coverage). Include community developers.	Jun 2026	Claudia (organization), Bianca (co-creation), Rutger (support)

Objective B. Improving the Netherlands Research Portal (NRP) Governance

Deliverables	Activities	Timeline	Who
1. Report + table (overview of NRP connected data sources, organisations, contact persons, OpenAIRE Membership, etc)	Inventory of potential Dutch sources. Outreach to institutions. Collect organizational and contact information.	Sept 2025	Rutger (lead), Maurice (oversight), Joeri (networking)
2. NL Research portal consortium Covenant signed	Facilitate legal and governance discussions. Draft and iterate consortium agreement with stakeholders and OpenAIRE.	Oct-Dec 2025	Contract manager (lead), Maurice (oversight), Joeri/Loek (networking)
3. OpenAIRE service contract for NL Research Portal signed	Coordination of the process to sign the OpenAIRE service contract for NL Research Portal via SURF licence management on behalf of the NL-RPC members.	Oct-Dec 2025	Maurice (lead), SURF team (support), Till (technical fit)
4. SURFconext enabled NRP, consortium partners have enables access to OpenAIRE service NPR via their SURFconext dashboard.	Set up and test SURFconext-based access flow for institutions. Validate with a subset of data providers.	Jan-May 2026	Till (integration), Maurice (coordination), SURF infra team
5. Expert finder feature	Harvesting persons from CRISens and Publinova, to display in Experfinder section	Jan-Jun 2026	Till (integration), Maurice (coordination), OpenAIRE developer

3.2 Project team and steering group

Project team		
Role	Name	Responsibilities
Project lead	Maurice Vanderfeesten (SURF)	Project management
Project member	Rutger de Jong (Univ Leiden)	- Improving quality of metadata - Advise on quality monitor of Research information
Contract manager	... (SURF)	- Contract management - Negotiations with OpenAIRE/SURF/Institutions
Information architect	Till Bey (SURF)	- Inventory of data sources and standards - Operationalise quality monitor of Research information
Analyst	Bianca Kramer (independent)	- Operationalise quality monitor of Research information - Co-create hackathon & workshop
Project support	Claudia de Visser (SURF)	Organizing hackathon & workshop
Participation		
User Community connection UKBsis	Arjan Schalken (UKBsis)	Sharing expertise & usecases
User Community connection OpenAIRE	Joeri Both (VU)	Forming the Portal Consortium
User Community connection Barcelona Signatories	Ana Ranitovic (RUG)	Communication with NL Barcelona Declaration group

Steering group		
Role	Name	Responsibilities
Project Executive	Darco Jansen	Accountable for the project and is ultimately responsible for its success. Secures funding for the project and is responsible for the project objectives and its continued justification towards the chiefs Open Science.
Senior User – ORI Monitor	Ana Ranitovic (RUG / chair NLBC)	Represents the user community and is responsible for capturing user requirements, specifying benefits in line with the project objectives and maintaining user buy-in for the project.
Senior User – NL Research Portal	Joeri Both (VU)	Represents the user community and is responsible for capturing user requirements, specifying benefits in line with the project objectives and maintaining user buy-in for the project.
Senior Supplier	Eileen Waegemaekers	Ensures that enough resources and people from the supplier organization SURF are committed to the project. Responsible for the quality of the products delivered and maintaining the technical integrity of the project.

3.3 Resources

	Resources	Number of hours	Required expertise	Costs
Internal	Maurice Vanderfeesten	450	Project management	
	Oncko Heldring	30	Contract management	
	Till Bey	200	Information architect	
	Contract manager	70	Contract management	
	Claudia de Visser	60	Support	
External (when applicable)	Rutger de Jong	160	Metadata expert	
	Bianca Kramer	100	Metadata expert	
Total				

3.4 Finance

Description of costs	Costs
Project costs: external hire of metadata curators	
Project costs: external hire of developer	
Project costs: service (storage, compute)	
Project costs: software and licenses (OpenAIRE 2025+2026)	
Project costs: other	
Total costs	

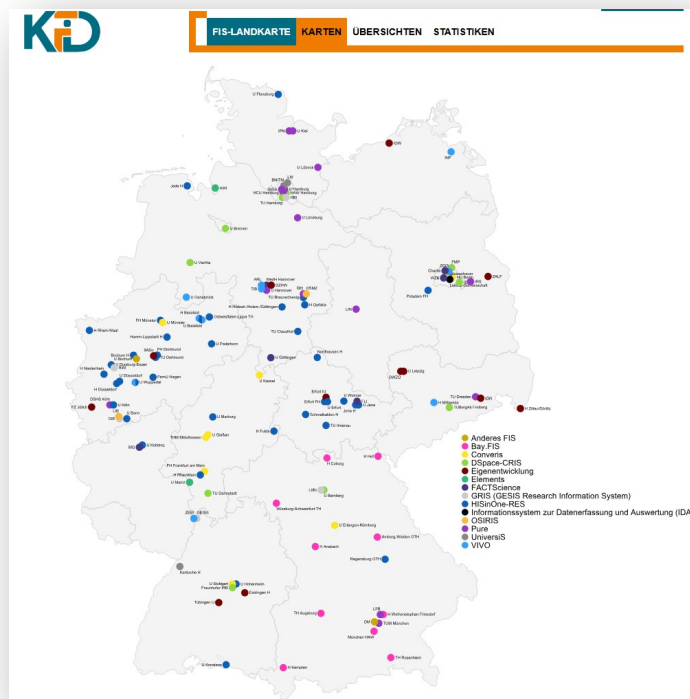
4 Communication plan

Stakeholder	Objectives	Type	Frequency
ORI advisory board	Project status update	Meetings	Quarterly
ORI community	Knowledge sharing	Community blog	Monthly
Dutch Barcelona Declaration Signatories	Give advice developing the project deliverables	Meetings, Email	Monthly
Project Steering board	Risc management	Progress Reporting	Monthly

5.1 Examples of monitors on research information

Kommission für Forschungsinforma- tionen in Deutschland (KFiD)

https://kfid-online.de/fis_landkarte_visual/fis_landkarte_map.php?id=1



5.2 Required Documents for Business Plan development of NRP

Lifecycle- & portfoliomanagementproces

Het LCPM-proces kent 6 fases en 5 faseovergangen. Elke fase wordt afgesloten met een Businessplan (BP), op basis waarvan een go/ no-go besluit kan worden genomen voor de volgende fase.




Example Business
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LCPM-34230963_28
1d758acb3e4256a84


Stappenplan
LCPM-proces_20baeE



Checklist
dienstontwikkeling_0!



Quality aspects and
LCPM_31b9f22d6bf5.